U.S. DEPARTMENT OF ENERGY

TECHNICAL ASSISTANCE
AND
REMEDIATION SERVICES CONTRACT

CONTRACT NO. DE-AC13-96GJ87335

CONTROLLED COPY # 3

Mike Pruzzi

Department of Energy
Grand Junction Projects Office
Post Office Box 2567
Grand Junction, Colorado 81502–2567

June 28, 1996

Mr. J. Michael Zika
Vice President and CFO
MACTEC
1819 Denver West Drive, Suite 400
Golden, CO 80401

Dear Mr. Zika:

Enclosed is your fully executed copy of Contract DE-AC13-95GJ87335.

Should you have any questions, please contact me at (970) 248-6043.

Sincerely,

Cheryl A. Thompson
Contracting Officer
Grand Junction Source Evaluation Board

Enclosure

cc w/enclosure:
Mike Tucker, GJPO

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 2

AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A063	See Block 16c	13-00GJ87335.509,510,511	N/A

[redacted]BY CODE	7. ADMINISTERED BY *(If other than Item 6)* CODE
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567	Barbara E. Smith (970) 248-6034

. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*	(✓)	9A. AMENDMENT OF SOLICITATION NO.
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503		9B. DATED *(SEE ITEM 11)*
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
ODE FACILITY CODE		10B. DATED *(SEE ITEM 13)* July 22, 1996

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

__ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers __is extended __ is not extended.
ffers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
i) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer
ubmitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGE-
IENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION
F YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided
ach telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

2. ACCOUNTING AND APPROPRIATION DATA *(If required)*
[redacted]e Section G

[redacted]EM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

/)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF FAR 52.232-22 entitled "Limitation of Funds"
X	D. OTHER *(Specify type of modification and authority)* Unilateral, FAR 52.232-22 entitled "Limitation of Funds."

. IMPORTANT: Contractor X is not, is required to sign this document and return 3 copies to the issuing office.

4. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to obligate funds in the amount of $2,663,412.10.

(Continued on Page 2)

xcept as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

5A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Barbara E. Smith Contracting Officer	
5B. CONTRACTOR/OFFEROR [redacted]*gnature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Barbara E Smith *(Signature of Contracting Officer)*	16C. DATE SIGNED 12/20/94

1. SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

Clause B.02, Estimated Cost, Fixed and Award Fee, paragraph I is deleted in its entirety and replaced with the following.

a. The total amount allotted to this contract is $ 148,021,612.05 (Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 2000.

2. SECTION G - CONTRACT ADMINISTRATION DATA

Paragraph G.08 is deleted in its entirely and replaced with the following.

G.08 Accounting and Appropriation Data (Please see attachment)

3 All other terms and conditions remain unchanged.

2/17/99 11:25

Contract DE-AC13-96GJ87335
Modification A063
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX02MM010	YN	89X0224	AL9091	ALHQ999901		15,000.00
EX05A1010	YN	89X0250	AL0091	AL022		39,550,377.00
EX05A1020	YN	89X0250	AL9091	AL024		1,560,000.00
EX05A102A	YN	89X0250	AL0091	AL024	1,000,000.00	2,195,965.54
EX05A8010	YN	89X0250	AL0091	AL023		11,761,761.14
EX05A8020	YN	89X0250	AL0091	AL020	26,000.00	1,131,798.83
EX2010101	YN	89X0250	AL8091	ALGJ0002		2,856,301.00
EX05AA990	YN	89X0224	AL9091	ALGJ1007		10,539.71
EX2010102	YN	89X0250	AL8091	ALGJ0002		43,998,880.52
EX2010301	YN	89X0250	AL8091	ALGJ1007		42,606.00
EX2010301	YN	89X0250	AL8091	ALHQ999928		19,470.00
EX2010402	YN	89X0250	AL8091	ALGJ0003		12,168.00
EX2010403	YN	89X0250	AL8091	ALGJ0003		420.00
EX2010450	YN	89X0250	AL8091	ALGJ0006		2,006,388.00
[illegible]X2010450	YN	89X0250	AL8091	ALCH999943		37,000.00
[illegible]X2010600	YN	89X0250	AL8091	ALGJ0005		618,412.00
EX2040010	YN	89X0250	AL8091	ALUM0001		319,855.00
EX2040010	YN	89X0250	AL8091	ALUM0005		262,796.00
EX2040020	YN	89X0250	AL8091	ALUM0002		11,046,750.00
EX2050010	YN	89X0250	AL8091	ALUM2000		7,059,348.00
EX2050020	YN	89X0250	AL8091	ALUM2000		252,683.00
EX2062010	YN	89X0250	AL8091	ALGJ0001		70,000.00
EX2062020	YN	89X0250	AL8091	ALGJ0001		29,369.00
EW1001206	TE	89X0242	AL9291	ALAL1000SS		64,950.04
EW1001209	TE	89X0242	AL0291	ALAL1000SS	(87.90)	135,290.04
EW1001209	TE	89X0242	AL9291	ALHQ770		347,907.02
EW1001209	TE	89X0242	AL9291	HQ1070SS		478,662.30
EW02MM06A	TE	89X0242	AL0291	AL7601		-
EW02MM070	TE	89X0242	AL9291	ALHQ770GJ		750,000.00
EW04A7020	TE	89X0242	AL9291	ALSA0002		4,433.94
EW2010201	TE	89X0242	AL8291	ALSA0002		1,128.00
EW2010202	TE	89X0242	AL8291	ALSA0002		351,314.10
EW04AA990	TE	89X0242	AL9291	ALHQ999920		21,669.82
EW2010301	TE	89X0242	AL8291	ALHQ999920		216,120.00
EW2010301	TE	89X0242	AL8291	ALHQ999928		45,242.00
EW2010301	TE	89X0242	AL8291	ALHQ999939		83,144.00
EW04A1010	TE	89X0242	AL9291	ALHQ999938		4,841.48
EW2010402	TE	89X0242	AL8291	ALHQ999938		67,203.00
[illegible]W3110010	TE	89X0242	AL8291	ALAL2		577,272.00
[illegible]W3110010	TE	89X0242	AL8291	HQAL973101		138,798.00

2/17/99 11:25

Contract DE-AC13-96GJ87335
Modification A063
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW3110010	TE	89X0242	AL8291	HQAL973301		266,266.00
EW3110010	TE	89X0242	AL8291	HQAL973401		39,400.00
EW3110010	TE	89X0242	AL8291	HQAL973501		296,500.00
EW04AA010	TE	89X0242	AL9291	HQAL973101		192.01
EW04AA010	TE	89X0242	AL9291	HQAL973301		(1,437.00)
EW04AA010	TE	89X0242	AL9291	HQAL973401		46.00
EW04AA010	TE	89X0242	AL9291	HQAL973501		156.00
EW4040500	TE	89X0242	AL8291	AL06PS01		26,637.00
EW4040000	TE	89X0242	AL9291	AL06PS01		9,091.17
EW4040000	TE	89X0242	AL9291	AL07PS14		(225.00)
EW4040500	TE	89X0242	AL9291	AL07PS14		10,945.00
EW4010000	TE	89X0242	AL0291	AL08SD12		1,712,190.57
EW4055000	TE	89X0242	AL8291	AL08SD12		433,000.00
EW6020060	TE	89X0242	AL8291	HQ1005		76,589.00
EW02MM11A	TE	89X0242	AL9291	HQ1005		19,111.99
EW6020060	TE	89X0242	AL8291	HQ1017		200,000.00
EW7002010	TE	89X0242	AL8291	ALGJ6109A		1,019.00
EW04A6020	TE	89X0242	AL0291	AL025	1,600,000.00	4,190,103.78
EW7070302	TE	89X0242	AL8291	ALPP8004		679,188.00
EW7070303	TE	89X0242	AL8291	ALPP8004		2,376,944.00
EW7070700	TE	89X0242	AL8291	ALHQ770GJ		163,000.00
EW02MM080	TE	89X0242	AL9291	ALHQ770GJ		6,486.91
EW02MM080	TE	89X0242	AL9291	ALGJ7601		686.00
EW7070800	TE	89X0242	AL8291	ALGJ7601		120,151.00
EW7070800	TE	89X0242	AL8291	ALHQ770GJ		88,050.00
AF9500000	YA	89X0224	AL8491			95,600.00
CD1012010	XA	89X0226	AL8691			211,081.00
CD1015010	XA	89X0226	AL8691			49,077.00
CD1015020	XA	89X0226	AL8691			143,937.00
CD1012010	YA	89X0224	AL9491			535.00
CD1015010	YA	89X0224	AL9491			493.00
CD1015020	YA	89X0224	AL9491			243.00
DP0401050	TC	89X0240	AL8091			81,991.00
GG0701206	TF	89X0243	AL8391			0.02
GG0801000	TF	89X0243	AL8291			37,126.00
GG0803000	TF	89X0243	AL0391			621,281.22
KP1301010	WA	89X0222	AL0291		37,500.00	125,000.00
WM1026000	SN	899/10228.91	AL9891			7,535.52
400403109	3T	89X0240	AL8093	NASCEMP9600023		630,232.02
00406000	3Y	89X0224	AL8493	6LA47490001		153,574.52

/17/99 11:25

Contract DE-AC13-96GJ87335
Modification A063
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
400406000	3Y	89X0224.93	AL9493	9IA47490001		4,160.03
400408000	3Y	89X0224.93	AL9493	DW89953767012		99,320.70
600301020	2T	89X0240.92	AL0092	AGRAL66421		13,982.92
820101ID9	TC	89X0240	AL8091	M700077		2,411.00
820101ID9	TC	89X0240	AL8091	M7GJRAD		14,700.00
820101ID9	TE	89X0242	AL8291	M700150		365.00
820101ID9	Y8	89X0224	AL9491	M800020/82DL		1,729.01
820101ID9	Y9	89X0224	AL9491	M9ID018/82ZE		4,500.00
820101ID9	YA	89X0224	AL8491	M700077		(1,732.00)
820101OH9	TE	89X0242	AL8291	M7G000006		55,349.00
820101RF9	TP	89X0251	AL0191	M9FKIW106/824U		392,606.00
820101RL9	TE	89X0242	AL9291	M0RAL90E03		625,000.00
820101RL9	TE	89X0242	AL8291	M7AL9OE03		2,065,288.00
820101RL9	TE	89X0242	AL9291	M7RAL90E03/82AT		1,799,066.18
820202RL9	TE	89X0242	AL0291	M0RAL90E03/822U		1,475,000.00
820101RL9	TE	89X0242	AL8291	M6ALJOEOA		384,093.00
820101RL9	TE	89X0242	AL8291	M7ALHOLE14		36,526.00
820201ALH	TC	89X0240	AL8091	GJ87460		31,565.00
				Modification Total	**2,663,412.10**	
				Contract Total		**$ 148,021,612.05**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 2

2. AMENDMENT/MODIFICATION NO. A062	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. 13-00GJ87335.503, 504, 505, 506, 507,508	5. PROJECT NO. (If applicable) N/A

6. ISSUED BY	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567		Barbara E. Smith (970) 248-6034	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, country, State, and ZIP Code)		
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
CODE / FACILITY CODE		10B. DATED (SEE ITEM 13) July 22, 1996

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

__ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers __is extended __ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF FAR 52.232-22 entitled "Limitation of Funds"
(X)	D. OTHER (Specify type of modification and authority) Unilateral, FAR 52.232-22 entitled "Limitation of Funds."

E. IMPORTANT: Contractor X is not, is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to obligate funds in the amount of $9,376,390.27.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Barbara E. Smith Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Barbara E Smith (Signature of Contracting Officer)	16C. DATE SIGNED 11/22/99

STANDARD FORM 30 30-105-03

/19/99 11:29

Contract DE-AC13-96GJ87335
Modification A062

1. SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

Clause B.02, Estimated Cost, Fixed and Award Fee, paragraph I is deleted in its entirety and replaced with the following.

a. The total amount allotted to this contract is $ 145,358,199.95 (Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 2000.

2. SECTION G - CONTRACT ADMINISTRATION DATA

Paragraph G.08 is deleted in its entirely and replaced with the following.

G.08 Accounting and Appropriation Data (Please see attachment)

3 All other terms and conditions remain unchanged.

1/19/99 12:46

Contract DE-AC13-96GJ87335
Modification A062
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX02MM010	YN	89X0224	AL9091	ALHQ999901		15,000.00
EX05A1010	YN	89X0250	AL0091	AL022	5,393,000.00	39,550,377.00
EX05A1020	YN	89X0250	AL9091	AL024		1,560,000.00
EX05A102A	YN	89X0250	AL9091	AL024		1,195,965.54
EX05A8010	YN	89X0250	AL0091	AL023	3,081,500.00	11,761,761.14
EX05A8020	YN	89X0250	AL9091	AL020		1,105,798.83
EX2010101	YN	89X0250	AL8091	ALGJ0002		2,856,301.00
EX05AA990	YN	89X0224	AL9091	ALGJ1007		10,539.71
EX2010102	YN	89X0250	AL8091	ALGJ0002		43,998,880.52
EX2010301	YN	89X0250	AL8091	ALGJ1007		42,606.00
EX2010301	YN	89X0250	AL8091	ALHQ999928		19,470.00
EX2010402	YN	89X0250	AL8091	ALGJ0003		12,168.00
EX2010403	YN	89X0250	AL8091	ALGJ0003		420.00
EX2010450	YN	89X0250	AL8091	ALGJ0006		2,006,388.00
EX2010450	YN	89X0250	AL8091	ALCH999943		37,000.00
EX2010600	YN	89X0250	AL8091	ALGJ0005		618,412.00
EX2040010	YN	89X0250	AL8091	ALUM0001		319,855.00
EX2040010	YN	89X0250	AL8091	ALUM0005		262,796.00
EX2040020	YN	89X0250	AL8091	ALUM0002		11,046,750.00
EX2050010	YN	89X0250	AL8091	ALUM2000		7,059,348.00
EX2050020	YN	89X0250	AL8091	ALUM2000		252,683.00
EX2062010	YN	89X0250	AL8091	ALGJ0001		70,000.00
EX2062020	YN	89X0250	AL8091	ALGJ0001		29,369.00
EW1001206	TE	89X0242	AL9291	ALAL1000SS		64,950.04
EW1001209	TE	89X0242	AL9291	ALAL1000SS		135,377.94
EW1001209	TE	89X0242	AL9291	ALHQ770		347,907.02
EW1001209	TE	89X0242	AL9291	HQ1070SS		478,662.30
EW02MM06A	TE	89X0242	AL0291	AL7601	(456,000.00)	-
EW02MM070	TE	89X0242	AL9291	ALHQ770GJ		750,000.00
EW04A7020	TE	89X0242	AL9291	ALSA0002		4,433.94
EW2010201	TE	89X0242	AL8291	ALSA0002		1,128.00
EW2010202	TE	89X0242	AL8291	ALSA0002		351,314.10
EW04AA990	TE	89X0242	AL9291	ALHQ999920		21,669.82
EW2010301	TE	89X0242	AL8291	ALHQ999920		216,120.00
EW2010301	TE	89X0242	AL8291	ALHQ999928		45,242.00
EW2010301	TE	89X0242	AL8291	ALHQ999939		83,144.00
EW04A1010	TE	89X0242	AL9291	ALHQ999938		4,841.48
EW2010402	TE	89X0242	AL8291	ALHQ999938		67,203.00
EW3110010	TE	89X0242	AL8291	ALAL2		577,272.00
EW3110010	TE	89X0242	AL8291	HQAL973101		138,798.00

[redacted]19/99 12:46

Contract DE-AC13-96GJ87335
Modification A062
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW3110010	TE	89X0242	AL8291	HQAL973301		266,286.00
EW3110010	TE	89X0242	AL8291	HQAL973401		39,400.00
EW3110010	TE	89X0242	AL8291	HQAL973501		296,500.00
EW04AA010	TE	89X0242	AL9291	HQAL973101		192.01
EW04AA010	TE	89X0242	AL9291	HQAL973301		(1,437.00)
EW04AA010	TE	89X0242	AL9291	HQAL973401		46.00
EW04AA010	TE	89X0242	AL9291	HQAL973501		156.00
EW4040500	TE	89X0242	AL8291	AL06PS01		26,637.00
EW4040000	TE	89X0242	AL9291	AL06PS01		9,091.17
EW4040000	TE	89X0242	AL9291	AL07PS14		(225.00)
EW4040500	TE	89X0242	AL9291	AL07PS14		10,945.00
EW4010000	TE	89X0242	AL0291	AL08SD12	41,250.00	1,712,190.57
EW4055000	TE	89X0242	AL8291	AL08SD12		433,000.00
EW6020060	TE	89X0242	AL8291	HQ1005		76,589.00
[redacted]W02MM11A	TE	89X0242	AL9291	HQ1005		19,111.99
[redacted]W6020060	TE	89X0242	AL8291	HQ1017		200,000.00
EW7002010	TE	89X0242	AL8291	ALGJ6109A		1,019.00
EW04A6020	TE	89X0242	AL0291	AL025	700,000.00	2,590,103.78
EW7070302	TE	89X0242	AL8291	ALPP8004		679,188.00
EW7070303	TE	89X0242	AL8291	ALPP8004		2,376,944.00
EW7070700	TE	89X0242	AL8291	ALHQ770GJ		163,000.00
EW02MM080	TE	89X0242	AL9291	ALHQ770GJ		6,486.91
EW02MM080	TE	89X0242	AL9291	ALGJ7601		686.00
EW7070800	TE	89X0242	AL8291	ALGJ7601		120,151.00
EW7070800	TE	89X0242	AL8291	ALHQ770GJ		88,050.00
AF9500000	YA	89X0224	AL8491			95,600.00
CD1012010	XA	89X0226	AL8691			211,081.00
CD1015010	XA	89X0226	AL8691			49,077.00
CD1015020	XA	89X0226	AL8691			143,937.00
CD1012010	YA	89X0224	AL9491			535.00
CD1015010	YA	89X0224	AL9491			493.00
CD1015020	YA	89X0224	AL9491			243.00
DP0401050	TC	89X0240	AL8091			81,991.00
GG0701206	TF	89X0243	AL8391			0.02
GG0801000	TF	89X0243	AL8291			37,126.00
GG0803000	TF	89X0243	AL0391		7,157.35	621,281.22
KP1301010	WA	89X0222	AL0291		12,500.00	87,500.00
WM1026000	SN	899/10228.91	AL9891			7,535.52
[redacted]00403109	3T	89X0240	AL8093	NASCEMP9600023		630,232.02
[redacted]00406000	3Y	89X0224	AL8493	6LA47490001		153,574.52

19/99 12:46

Contract DE-AC13-96GJ87335
Modification A062
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
400406000	3Y	89X0224.93	AL9493	9IA47490001		4,160.03
400408000	3Y	89X0224.93	AL9493	DW89953767012		99,320.70
600301020	2T	89X0240.92	AL0092	AGRAL66421	13,982.92	13,982.92
820101ID9	TC	89X0240	AL8091	M700077		2,411.00
820101ID9	TC	89X0240	AL8091	M7GJRAD		14,700.00
820101ID9	TE	89X0242	AL8291	M700150		365.00
820101ID9	Y8	89X0224	AL9491	M800020/82DL		1,729.01
820101ID9	Y9	89X0224	AL9491	M9ID018/82ZE		4,500.00
820101ID9	YA	89X0224	AL8491	M700077		(1,732.00)
820101OH9	TE	89X0242	AL8291	M7G000006		55,349.00
820101RF9	TP	89X0251	AL0191	M9FKIW106/824U	(17,000.00)	392,606.00
820101RL9	TE	89X0242	AL9291	M0RAL90E03		625,000.00
820101RL9	TE	89X0242	AL8291	M7AL9OE03		2,065,288.00
820101RL9	TE	89X0242	AL9291	M7RAL90E03/82AT		1,799,066.18
[redacted]0202RL9	TE	89X0242	AL0291	M0RAL90E03/822U	600,000.00	1,475,000.00
[redacted]20101RL9	TE	89X0242	AL8291	M6ALJOEOA		384,093.00
820101RL9	TE	89X0242	AL8291	M7ALHOLE14		36,526.00
820201ALH	TC	89X0240	AL8091	GJ87460		31,565.00

Modification Total	9,376,390.27	
Contract Total		$ 145,358,199.95

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
		1 | 2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A061	See Block 16c	13-00GJ87335.501, 502	N/A

6. [redacted] Y CODE	7. ADMINISTERED BY *(If other than Item 6)* CODE
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567	Barbara E. Smith (970) 248-6034

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED *(SEE ITEM 11)*
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
ODE FACILITY CODE		10B. DATED *(SEE ITEM 13)* July 22, 1996

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended.
ffers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer ubmitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGE-IENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION F YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided ach telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

13. [redacted] EM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

/)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF FAR 52.232-22 entitled "Limitation of Funds"
X	D. OTHER *(Specify type of modification and authority)* Unilateral. FAR 52.232-22 entitled "Limitation of Funds."

E. IMPORTANT: Contractor X is not, is required to sign this document and return copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to obligate funds in the amount of $1,682,920.00.

(Continued on Page 2)

xcept as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Barbara E. Smith Contracting Officer	
15B. CONTRACTOR/OFFEROR [redacted] *ignature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Barbara E Smith *(Signature of Contracting Officer)*	16C. DATE SIGNED 10/20/99

STANDARD FORM 30 30-105-03

1. **SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS**

Clause B.02, Estimated Cost, Fixed and Award Fee, paragraph I is deleted in its entirety and replaced with the following.

a. The total amount allotted to this contract is $ 135,981,809.68 (Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 2000.

2. **SECTION G - CONTRACT ADMINISTRATION DATA**

Paragraph G.08 is deleted in its entirely and replaced with the following.

G.08 Accounting and Appropriation Data (Please see attachment)

3 All other terms and conditions remain unchanged.

/20/99 13:32

Contract DE-AC13-96GJ87335
Modification A061
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX02MM010	YN	89X0224	AL9091	ALHQ999901		15,000.00
EX05A1010	YN	89X0250	AL0091	AL022	1,202,920.00	34,157,377.00
EX05A1020	YN	89X0250	AL9091	AL024		1,560,000.00
EX05A102A	YN	89X0250	AL9091	AL024		1,195,965.54
EX05A8010	YN	89X0250	AL0091	AL023	500,000.00	8,680,261.14
EX05A8020	YN	89X0250	AL9091	AL020		1,105,798.83
EX2010101	YN	89X0250	AL8091	ALGJ0002		2,856,301.00
EX05AA990	YN	89X0224	AL9091	ALGJ1007		10,539.71
EX2010102	YN	89X0250	AL8091	ALGJ0002		43,998,880.52
EX2010301	YN	89X0250	AL8091	ALGJ1007		42,606.00
EX2010301	YN	89X0250	AL8091	ALHQ999928		19,470.00
EX2010402	YN	89X0250	AL8091	ALGJ0003		12,168.00
EX2010403	YN	89X0250	AL8091	ALGJ0003		420.00
EX2010450	YN	89X0250	AL8091	ALGJ0006		2,006,388.00
EX2010450	YN	89X0250	AL8091	ALCH999943		37,000.00
X2010600	YN	89X0250	AL8091	ALGJ0005		618,412.00
EX2040010	YN	89X0250	AL8091	ALUM0001		319,855.00
EX2040010	YN	89X0250	AL8091	ALUM0005		262,796.00
EX2040020	YN	89X0250	AL8091	ALUM0002		11,046,750.00
EX2050010	YN	89X0250	AL8091	ALUM2000		7,059,348.00
EX2050020	YN	89X0250	AL8091	ALUM2000		252,683.00
EX2062010	YN	89X0250	AL8091	ALGJ0001		70,000.00
EX2062020	YN	89X0250	AL8091	ALGJ0001		29,369.00
EW1001206	TE	89X0242	AL9291	ALAL1000SS		64,950.04
EW1001209	TE	89X0242	AL9291	ALAL1000SS		135,377.94
EW1001209	TE	89X0242	AL9291	ALHQ770		347,907.02
EW1001209	TE	89X0242	AL9291	HQ1070SS		478,662.30
EW02MM06A	TE	89X0242	AL9291	AL7601		456,000.00
EW02MM070	TE	89X0242	AL9291	ALHQ770GJ		750,000.00
EW04A7020	TE	89X0242	AL9291	ALSA0002		4,433.94
EW2010201	TE	89X0242	AL8291	ALSA0002		1,128.00
EW2010202	TE	89X0242	AL8291	ALSA0002		351,314.10
EW04AA990	TE	89X0242	AL9291	ALHQ999920		21,669.82
EW2010301	TE	89X0242	AL8291	ALHQ999920		216,120.00
EW2010301	TE	89X0242	AL8291	ALHQ999928		45,242.00
EW2010301	TE	89X0242	AL8291	ALHQ999939		83,144.00
EW04A1010	TE	89X0242	AL9291	ALHQ999938		4,841.48
EW2010402	TE	89X0242	AL8291	ALHQ999938		67,203.00
EW3110010	TE	89X0242	AL8291	ALAL2		577,272.00
W3110010	TE	89X0242	AL8291	HQAL973101		138,798.00

20/99 13:32

Contract DE-AC13-96GJ87335
Modification A061
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW3110010	TE	89X0242	AL8291	HQAL973301		266,286.00
EW3110010	TE	89X0242	AL8291	HQAL973401		39,400.00
EW3110010	TE	89X0242	AL8291	HQAL973501		296,500.00
EW04AA010	TE	89X0242	AL9291	HQAL973101		192.01
EW04AA010	TE	89X0242	AL9291	HQAL973301		(1,437.00)
EW04AA010	TE	89X0242	AL9291	HQAL973401		46.00
EW04AA010	TE	89X0242	AL9291	HQAL973501		156.00
EW4040500	TE	89X0242	AL8291	AL06PS01		26,637.00
EW4040000	TE	89X0242	AL9291	AL06PS01		9,091.17
EW4040000	TE	89X0242	AL9291	AL07PS14		(225.00)
EW4040500	TE	89X0242	AL9291	AL07PS14		10,945.00
EW4010000	TE	89X0242	AL9291	AL08SD12		1,670,940.57
EW4055000	TE	89X0242	AL8291	AL08SD12		433,000.00
EW6020060	TE	89X0242	AL8291	HQ1005		76,589.00
EW02MM11A	TE	89X0242	AL9291	HQ1005		19,111.99
W6020060	TE	89X0242	AL8291	HQ1017		200,000.00
EW7002010	TE	89X0242	AL8291	ALGJ6109A		1,019.00
EW04A6020	TE	89X0242	AL9291	AL025		1,890,103.78
EW7070302	TE	89X0242	AL8291	ALPP8004		679,188.00
EW7070303	TE	89X0242	AL8291	ALPP8004		2,376,944.00
EW7070700	TE	89X0242	AL8291	ALHQ770GJ		163,000.00
EW02MM080	TE	89X0242	AL9291	ALHQ770GJ		6,486.91
EW02MM080	TE	89X0242	AL9291	ALGJ7601		686.00
EW7070800	TE	89X0242	AL8291	ALGJ7601		120,151.00
EW7070800	TE	89X0242	AL8291	ALHQ770GJ		88,050.00
AF9500000	YA	89X0224	AL8491			95,600.00
CD1012010	XA	89X0226	AL8691			211,081.00
CD1015010	XA	89X0226	AL8691			49,077.00
CD1015020	XA	89X0226	AL8691			143,937.00
CD1012010	YA	89X0224	AL9491			535.00
CD1015010	YA	89X0224	AL9491			493.00
CD1015020	YA	89X0224	AL9491			243.00
DP0401050	TC	89X0240	AL8091			81,991.00
GG0701206	TF	89X0243	AL8391			0.02
GG0801000	TF	89X0243	AL8291			37,126.00
GG0803000	TF	89X0243	AL9391			614,123.87
KP1301010	WA	89X0222	AL9291			75,000.00
WM1026000	SN	899/10228.91	AL9891			7,535.52
400403109	3T	89X0240	AL8093	NASCEMP9600023		630,232.02
0406000	3Y	89X0224	AL8493	6LA47490001		153,574.52

/20/99 13:32

Contract DE-AC13-96GJ87335
Modification A061
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
400406000	3Y	89X0224.93	AL9493	9IA47490001		4,160.03
400408000	3Y	89X0224.93	AL9493	DW89953767012		99,320.70
820101ID9	TC	89X0240	AL8091	M700077		2,411.00
820101ID9	TC	89X0240	AL8091	M7GJRAD		14,700.00
820101ID9	TE	89X0242	AL8291	M700150		365.00
820101ID9	Y8	89X0224	AL9491	M800020/82DL		1,729.01
820101ID9	Y9	89X0224	AL9491	M9ID018/82ZE		4,500.00
820101ID9	YA	89X0224	AL8491	M700077		(1,732.00)
820101OH9	TE	89X0242	AL8291	M7G000006		55,349.00
820101RF9	TP	89X0251	AL0091	M9FKIW106/824U	(20,000.00)	409,606.00
820101RL9	TE	89X0242	AL9291	M0RAL90E03		625,000.00
820101RL9	TE	89X0242	AL8291	M7AL9OE03		2,065,288.00
820101RL9	TE	89X0242	AL9291	M7RAL90E03/82AT		1,799,066.18
820202RL9	TE	89X0242	AL9291	M0RAL90E03/822U		875,000.00
820101RL9	TE	89X0242	AL8291	M6ALJOEOA		384,093.00
[illegible]0101RL9	TE	89X0242	AL8291	M7ALHOLE14		36,526.00
[illegible]20201ALH	TC	89X0240	AL8091	GJ87460		31,565.00
				Modification Total	**1,682,920.00**	
				Contract Total		**$ 135,981,809.68**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 2

AMENDMENT/MODIFICATION NO	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
A060	See Block 16c	13-99GJ87335.548, 549, 550	N/A

6. ISSUED BY CODE	7. ADMINISTERED BY (If other than Item 6) CODE
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567	Barbara E. Smith (970) 248-6034

8. NAME AND ADDRESS OF CONTRACTOR (No., street, country, State, and ZIP Code)	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
		10B. DATED (SEE ITEM 13) July 22, 1996
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

☐	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
☐	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
XX	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF FAR 52.232-22 entitled "Limitation of Funds"
☐	D. OTHER (Specify type of modification and authority) Unilateral. FAR 52.232-22 entitled "Limitation of Funds."

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return ___ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to deobligate funds in the amount of ($556,921.80).

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
DEAN W. DIANNILE, GEN. MGR.	Barbara E. Smith Contracting Officer
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED 9/30/99
16B. UNITED STATES OF AMERICA BY Barbara E Smith (Signature of Contracting Officer)	16C. DATE SIGNED 9/30/99

9/99 16:23

Contract DE-AC13-96GJ87335
Modification A060

1. SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

Clause B.02, Estimated Cost, Fixed and Award Fee, paragraph I is deleted in its entirety and replaced with the following.

a. The total amount allotted to this contract is $ 134,298,889.68 (Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1999.

2. SECTION G - CONTRACT ADMINISTRATION DATA

Paragraph G.08 is deleted in its entirely and replaced with the following.

G.08 Accounting and Appropriation Data (Please see attachment)

3 All other terms and conditions remain unchanged.

[redacted]9/99 16:23

Contract DE-AC13-96GJ87335
Modification A060
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX02MM010	YN	89X0224	AL9091	ALHQ999901		15,000.00
EX05A1010	YN	89X0250	AL9091	AL022	(556,921.00)	32,954,457.00
EX05A1020	YN	89X0250	AL9091	AL024		1,560,000.00
EX05A102A	YN	89X0250	AL9091	AL024		1,195,965.54
EX05A8010	YN	89X0250	AL9091	AL023	(0.80)	8,180,261.14
EX05A8020	YN	89X0250	AL9091	AL020		1,105,798.83
EX2010101	YN	89X0250	AL8091	ALGJ0002		2,856,301.00
EX05AA990	YN	89X0224	AL9091	ALGJ1007		10,539.71
EX2010102	YN	89X0250	AL8091	ALGJ0002		43,998,880.52
EX2010301	YN	89X0250	AL8091	ALGJ1007		42,606.00
EX2010301	YN	89X0250	AL8091	ALHQ999928		19,470.00
EX2010402	YN	89X0250	AL8091	ALGJ0003		12,168.00
EX2010403	YN	89X0250	AL8091	ALGJ0003		.420.00
EX2010450	YN	89X0250	AL8091	ALGJ0006		2,006,388.00
[redacted]2010450	YN	89X0250	AL8091	ALCH999943		37,000.00
[redacted]X2010600	YN	89X0250	AL8091	ALGJ0005		618,412.00
EX2040010	YN	89X0250	AL8091	ALUM0001		319,855.00
EX2040010	YN	89X0250	AL8091	ALUM0005		262,796.00
EX2040020	YN	89X0250	AL8091	ALUM0002		11,046,750.00
EX2050010	YN	89X0250	AL8091	ALUM2000		7,059,348.00
EX2050020	YN	89X0250	AL8091	ALUM2000		252,683.00
EX2062010	YN	89X0250	AL8091	ALGJ0001		70,000.00
EX2062020	YN	89X0250	AL8091	ALGJ0001		29,369.00
EW1001206	TE	89X0242	AL9291	ALAL1000SS		64,950.04
EW1001209	TE	89X0242	AL9291	ALAL1000SS		135,377.94
EW1001209	TE	89X0242	AL9291	ALHQ770		347,907.02
EW1001209	TE	89X0242	AL9291	HQ1070SS		478,662.30
EW02MM06A	TE	89X0242	AL9291	AL7601		456,000.00
EW02MM070	TE	89X0242	AL9291	ALHQ770GJ		750,000.00
EW04A7020	TE	89X0242	AL9291	ALSA0002		4,433.94
EW2010201	TE	89X0242	AL8291	ALSA0002		1,128.00
EW2010202	TE	89X0242	AL8291	ALSA0002		351,314.10
EW04AA990	TE	89X0242	AL9291	ALHQ999920		21,669.82
EW2010301	TE	89X0242	AL8291	ALHQ999920		216,120.00
EW2010301	TE	89X0242	AL8291	ALHQ999928		45,242.00
EW2010301	TE	89X0242	AL8291	ALHQ999939		83,144.00
EW04A1010	TE	89X0242	AL9291	ALHQ999938		4,841.48
EW2010402	TE	89X0242	AL8291	ALHQ999938		67,203.00
[redacted]W3110010	TE	89X0242	AL8291	ALAL2		577,272.00
[redacted]W3110010	TE	89X0242	AL8291	HQAL973101		138,798.00

[redacted]29/99 16:23

Contract DE-AC13-96GJ87335
Modification A060
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW3110010	TE	89X0242	AL8291	HQAL973301		266,286.00
EW3110010	TE	89X0242	AL8291	HQAL973401		39,400.00
EW3110010	TE	89X0242	AL8291	HQAL973501		296,500.00
EW04AA010	TE	89X0242	AL9291	HQAL973101		192.01
EW04AA010	TE	89X0242	AL9291	HQAL973301		(1,437.00)
EW04AA010	TE	89X0242	AL9291	HQAL973401		46.00
EW04AA010	TE	89X0242	AL9291	HQAL973501		156.00
EW4040500	TE	89X0242	AL8291	AL06PS01		26,637.00
EW4040000	TE	89X0242	AL9291	AL06PS01		9,091.17
EW4040000	TE	89X0242	AL9291	AL07PS14		(225.00)
EW4040500	TE	89X0242	AL9291	AL07PS14		10,945.00
EW4010000	TE	89X0242	AL9291	AL08SD12		1,670,940.57
EW4055000	TE	89X0242	AL8291	AL08SD12		433,000.00
EW6020060	TE	89X0242	AL8291	HQ1005		76,589.00
[redacted]W02MM11A	TE	89X0242	AL9291	HQ1005		19,111.99
[redacted]W6020060	TE	89X0242	AL8291	HQ1017		200,000.00
EW7002010	TE	89X0242	AL8291	ALGJ6109A		1,019.00
EW04A6020	TE	89X0242	AL9291	AL025		1,890,103.78
EW7070302	TE	89X0242	AL8291	ALPP8004		679,188.00
EW7070303	TE	89X0242	AL8291	ALPP8004		2,376,944.00
EW7070700	TE	89X0242	AL8291	ALHQ770GJ		163,000.00
EW02MM080	TE	89X0242	AL9291	ALHQ770GJ		6,486.91
EW02MM080	TE	89X0242	AL9291	ALGJ7601		686.00
EW7070800	TE	89X0242	AL8291	ALGJ7601		120,151.00
EW7070800	TE	89X0242	AL8291	ALHQ770GJ		88,050.00
AF9500000	YA	89X0224	AL8491			95,600.00
CD1012010	XA	89X0226	AL8691			211,081.00
CD1015010	XA	89X0226	AL8691			49,077.00
CD1015020	XA	89X0226	AL8691			143,937.00
CD1012010	YA	89X0224	AL9491			535.00
CD1015010	YA	89X0224	AL9491			493.00
CD1015020	YA	89X0224	AL9491			243.00
DP0401050	TC	89X0240	AL8091			81,991.00
GG0701206	TF	89X0243	AL8391			0.02
GG0801000	TF	89X0243	AL8291			37,126.00
GG0803000	TF	89X0243	AL9391			614,123.87
KP1301010	WA	89X0222	AL9291			75,000.00
WM1026000	SN	899/10228.91	AL9891			7,535.52
[redacted]00403109	3T	89X0240	AL8093	NASCEMP9600023		630,232.02
[redacted]00406000	3Y	89X0224	AL8493	6LA47490001		153,574.52

[redacted]/99 16:23

Contract DE-AC13-96GJ87335
Modification A060
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
400406000	3Y	89X0224.93	AL9493	9IA47490001		4,160.03
400408000	3Y	89X0224.93	AL9493	DW89953767012		99,320.70
820101ID9	TC	89X0240	AL8091	M700077		2,411.00
820101ID9	TC	89X0240	AL8091	M7GJRAD		14,700.00
820101ID9	TE	89X0242	AL8291	M700150		365.00
820101ID9	Y8	89X0224	AL9491	M800020/82DL		1,729.01
820101ID9	Y9	89X0224	AL9491	M9ID018/82ZE		4,500.00
820101ID9	YA	89X0224	AL8491	M700077		(1,732.00)
820101OH9	TE	89X0242	AL8291	M7G000006		55,349.00
820101RF9	TP	89X0251	AL9191	M9FKIW106/824U		429,606.00
820101RL9	TE	89X0242	AL9291	M0RAL90E03		625,000.00
820101RL9	TE	89X0242	AL8291	M7AL9OE03		2,065,288.00
820101RL9	TE	89X0242	AL9291	M7RAL90E03/82AT		1,799,066.18
820202RL9	TE	89X0242	AL9291	M0RAL90E03/822U		875,000.00
[redacted]101RL9	TE	89X0242	AL8291	M6ALJOEOA		384,093.00
[redacted]101RL9	TE	89X0242	AL8291	M7ALHOLE14		36,526.00
820201ALH	TC	89X0240	AL8091	GJ87460		31,565.00
				Modification Total	(556,921.80)	
				Contract Total		$ 134,298,889.68

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 2

2. AMENDMENT/MODIFICATION NO A059	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. 13-99GJ87335.545, 546, 547	5. PROJECT NO. (If applicable) N/A

6. ISSUED BY CODE	7. ADMINISTERED BY (If other than Item 6) CODE
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567	Barbara E. Smith (970) 248-6034

8. NAME AND ADDRESS OF CONTRACTOR (No., street, country, State, and ZIP Code)	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503	X	10A. MODIFICATION OF CONTRACT/ORDER NO DE-AC13-96GJ87335
		10B. DATED (SEE ITEM 13) July 22, 1996
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

[redacted]	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF FAR 52.232-22 entitled "Limitation of Funds"
XX	D. OTHER (Specify type of modification and authority) Unilateral. FAR 52.232-22 entitled "Limitation of Funds."

E. IMPORTANT: Contractor X is not, is required to sign this document and return___copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to obligate funds in the amount of $4,696,766.99.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Barbara E. Smith Contracting Officer	
15B. CONTRACTOR/OFFEROR [redacted] (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Barbara E Smith (Signature of Contracting Officer)	16C. DATE SIGNED 9/24/99

1. SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

Clause B.02, Estimated Cost, Fixed and Award Fee, paragraph I is deleted in its entirety and replaced with the following.

a. The total amount allotted to this contract is $ 134,855,811.48 (Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1999.

2. SECTION G - CONTRACT ADMINISTRATION DATA

Paragraph G.08 is deleted in its entirely and replaced with the following.

G.08 **Accounting and Appropriation Data** (Please see attachment)

3 All other terms and conditions remain unchanged.

3/99 14:42

Contract DE-AC13-96GJ87335
Modification A059
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX02MM010	YN	89X0224	AL9091	ALHQ999901		15,000.00
EX05A1010	YN	89X0250	AL9091	AL022	3,562,581.00	33,511,378.00
EX05A1020	YN	89X0250	AL9091	AL024		1,560,000.00
EX05A102A	YN	89X0250	AL9091	AL024	281,981.00	1,195,965.54
EX05A8010	YN	89X0250	AL9091	AL023	321,204.99	8,180,261.94
EX05A8020	YN	89X0250	AL9091	AL020		1,105,798.83
EX2010101	YN	89X0250	AL8091	ALGJ0002		2,856,301.00
EX05AA990	YN	89X0224	AL9091	ALGJ1007		10,539.71
EX2010102	YN	89X0250	AL8091	ALGJ0002		43,998,880.52
EX2010301	YN	89X0250	AL8091	ALGJ1007		42,606.00
EX2010301	YN	89X0250	AL8091	ALHQ999928		19,470.00
EX2010402	YN	89X0250	AL8091	ALGJ0003		12,168.00
EX2010403	YN	89X0250	AL8091	ALGJ0003		420.00
EX2010450	YN	89X0250	AL8091	ALGJ0006		2,006,388.00
EX2010450	YN	89X0250	AL8091	ALCH999943		37,000.00
EX2010600	YN	89X0250	AL8091	ALGJ0005		618,412.00
EX2040010	YN	89X0250	AL8091	ALUM0001		319,855.00
EX2040010	YN	89X0250	AL8091	ALUM0005		262,796.00
EX2040020	YN	89X0250	AL8091	ALUM0002		11,046,750.00
EX2050010	YN	89X0250	AL8091	ALUM2000		7,059,348.00
EX2050020	YN	89X0250	AL8091	ALUM2000		252,683.00
EX2062010	YN	89X0250	AL8091	ALGJ0001		70,000.00
EX2062020	YN	89X0250	AL8091	ALGJ0001		29,369.00
EW1001206	TE	89X0242	AL9291	ALAL1000SS		64,950.04
EW1001209	TE	89X0242	AL9291	ALAL1000SS		135,377.94
EW1001209	TE	89X0242	AL9291	ALHQ770		347,907.02
EW1001209	TE	89X0242	AL9291	HQ1070SS	75,000.00	478,662.30
EW02MM06A	TE	89X0242	AL9291	AL7601	456,000.00	456,000.00
EW02MM070	TE	89X0242	AL9291	ALHQ770GJ		750,000.00
EW04A7020	TE	89X0242	AL9291	ALSA0002		4,433.94
EW2010201	TE	89X0242	AL8291	ALSA0002		1,128.00
EW2010202	TE	89X0242	AL8291	ALSA0002		351,314.10
EW04AA990	TE	89X0242	AL9291	ALHQ999920		21,669.82
EW2010301	TE	89X0242	AL8291	ALHQ999920		216,120.00
EW2010301	TE	89X0242	AL8291	ALHQ999928		45,242.00
EW2010301	TE	89X0242	AL8291	ALHQ999939		83,144.00
EW04A1010	TE	89X0242	AL9291	ALHQ999938		4,841.48
EW2010402	TE	89X0242	AL8291	ALHQ999938		67,203.00
EW3110010	TE	89X0242	AL8291	ALAL2		577,272.00
EW3110010	TE	89X0242	AL8291	HQAL973101		138,798.00

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Contract DE-AC13-96GJ87335
Modification A059
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW3110010	TE	89X0242	AL8291	HQAL973301		266,286.00
EW3110010	TE	89X0242	AL8291	HQAL973401		39,400.00
EW3110010	TE	89X0242	AL8291	HQAL973501		296,500.00
EW04AA010	TE	89X0242	AL9291	HQAL973101		192.01
EW04AA010	TE	89X0242	AL9291	HQAL973301		(1,437.00)
EW04AA010	TE	89X0242	AL9291	HQAL973401		46.00
EW04AA010	TE	89X0242	AL9291	HQAL973501		156.00
EW4040500	TE	89X0242	AL8291	AL06PS01		26,637.00
EW4040000	TE	89X0242	AL9291	AL06PS01		9,091.17
EW4040000	TE	89X0242	AL9291	AL07PS14		(225.00)
EW4040500	TE	89X0242	AL9291	AL07PS14		10,945.00
EW4010000	TE	89X0242	AL9291	AL08SD12		1,670,940.57
EW4055000	TE	89X0242	AL8291	AL08SD12		433,000.00
EW6020060	TE	89X0242	AL8291	HQ1005		76,589.00
[redacted]W02MM11A	TE	89X0242	AL9291	HQ1005		19,111.99
[redacted]V6020060	TE	89X0242	AL8291	HQ1017		200,000.00
[redacted]W7002010	TE	89X0242	AL8291	ALGJ6109A		1,019.00
EW04A6020	TE	89X0242	AL9291	AL025		1,890,103.78
EW7070302	TE	89X0242	AL8291	ALPP8004		679,188.00
EW7070303	TE	89X0242	AL8291	ALPP8004		2,376,944.00
EW7070700	TE	89X0242	AL8291	ALHQ770GJ		163,000.00
EW02MM080	TE	89X0242	AL9291	ALHQ770GJ		6,486.91
EW02MM080	TE	89X0242	AL9291	ALGJ7601		686.00
EW7070800	TE	89X0242	AL8291	ALGJ7601		120,151.00
EW7070800	TE	89X0242	AL8291	ALHQ770GJ		88,050.00
AF9500000	YA	89X0224	AL8491			95,600.00
CD1012010	XA	89X0226	AL8691			211,081.00
CD1015010	XA	89X0226	AL8691			49,077.00
CD1015020	XA	89X0226	AL8691			143,937.00
CD1012010	YA	89X0224	AL9491			535.00
CD1015010	YA	89X0224	AL9491			493.00
CD1015020	YA	89X0224	AL9491			243.00
DP0401050	TC	89X0240	AL8091			81,991.00
GG0701206	TF	89X0243	AL8391			0.02
GG0801000	TF	89X0243	AL8291			37,126.00
GG0803000	TF	89X0243	AL9391			614,123.87
KP1301010	WA	89X0222	AL9291			75,000.00
WM1026000	SN	899/10228.91	AL9891			7,535.52
[redacted]400403109	3T	89X0240	AL8093	NASCEMP9600023		630,232.02
[redacted]0406000	3Y	89X0224	AL8493	6LA47490001		153,574.52

3/99 14:42

Contract DE-AC13-96GJ87335
Modification A059
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
400406000	3Y	89X0224.93	AL9493	9IA47490001		4,160.03
400408000	3Y	89X0224.93	AL9493	DW89953767012		99,320.70
820101ID9	TC	89X0240	AL8091	M700077		2,411.00
820101ID9	TC	89X0240	AL8091	M7GJRAD		14,700.00
820101ID9	TE	89X0242	AL8291	M700150		365.00
820101ID9	Y8	89X0224	AL9491	M800020/82DL		1,729.01
820101ID9	Y9	89X0224	AL9491	M9ID018/82ZE		4,500.00
820101ID9	YA	89X0224	AL8491	M700077		(1,732.00)
820101OH9	TE	89X0242	AL8291	M7G000006		55,349.00
820101RF9	TP	89X0251	AL9191	M9FKIW106/824U		429,606.00
820101RL9	TE	89X0242	AL9291	M0RAL90E03		625,000.00
820101RL9	TE	89X0242	AL8291	M7AL9OE03		2,065,288.00
820101RL9	TE	89X0242	AL9291	M7RAL90E03/82AT		1,799,066.18
820202RL9	TE	89X0242	AL9291	M0RAL90E03/822U		875,000.00
820101RL9	TE	89X0242	AL8291	M6ALJOEOA		384,093.00
820101RL9	TE	89X0242	AL8291	M7ALHOLE14		36,526.00
820201ALH	TC	89X0240	AL8091	GJ87460		31,565.00
				Modification Total	4,696,766.99	
				Contract Total		$ 134,855,811.48

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 2

AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A058	See Block 16c	13-99GJ87335.543, 544	N/A

6. ISSUED BY	CODE	7. ADMINISTERED BY *(If other than Item 6)*	CODE
[redacted]S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567		Barbara E. Smith (970) 248-6034	

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED *(SEE ITEM 11)*
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
		10B. DATED *(SEE ITEM 13)* July 22, 1996
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

ffers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer ubmitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGE-IENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF OUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each elegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

[redacted]HIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CON-CT NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF **FAR 52.232-22 entitled "Limitation of Funds"**

X D. OTHER *(Specify type of modification and authority)* Unilateral, FAR 52.232-22 entitled "Limitation of Funds."

. **IMPORTANT:** Contractor X is not, is required to sign this document and return___copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to obligate funds in the amount of $1,366,588.63.

(Continued on Page 2)

xcept as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Barbara E. Smith Contracting Officer	
15B. CONTRACTOR/OFFEROR [redacted] _____ *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Barbara E Smith *(Signature of Contracting Officer)*	16C. DATE SIGNED 9/16/99

1. SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

Clause B.02, Estimated Cost, Fixed and Award Fee, paragraph I is deleted in its entirety and replaced with the following.

a. The total amount allotted to this contract is $ 130,159,044.49 (Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1999.

2. SECTION G - CONTRACT ADMINISTRATION DATA

Paragraph G.08 is deleted in its entirely and replaced with the following.

G.08 Accounting and Appropriation Data (Please see attachment)

3 All other terms and conditions remain unchanged.

16/99 16:29

Contract DE-AC13-96GJ87335
Modification A058
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX02MM010	YN	89X0224	AL9091	ALHQ999901		15,000.00
EX05A1010	YN	89X0250	AL9091	AL022	(400,000.00)	29,948,797.00
EX05A1020	YN	89X0250	AL9091	AL024		1,560,000.00
EX05A102A	YN	89X0250	AL9091	AL024	913,984.54	913,984.54
EX05A8010	YN	89X0250	AL9091	AL023	747,604.09	7,859,056.95
EX05A8020	YN	89X0250	AL9091	AL020	105,000.00	1,105,798.83
EX2010101	YN	89X0250	AL8091	ALGJ0002		2,856,301.00
EX05AA990	YN	89X0224	AL9091	ALGJ1007		10,539.71
EX2010102	YN	89X0250	AL8091	ALGJ0002		43,998,880.52
EX2010301	YN	89X0250	AL8091	ALGJ1007		42,606.00
EX2010301	YN	89X0250	AL8091	ALHQ999928		19,470.00
EX2010402	YN	89X0250	AL8091	ALGJ0003		12,168.00
EX2010403	YN	89X0250	AL8091	ALGJ0003		420.00
EX2010450	YN	89X0250	AL8091	ALGJ0006		2,006,388.00
EX2010450	YN	89X0250	AL8091	ALCH999943		37,000.00
[illegible]2010600	YN	89X0250	AL8091	ALGJ0005		618,412.00
[illegible]X2040010	YN	89X0250	AL8091	ALUM0001		319,855.00
EX2040010	YN	89X0250	AL8091	ALUM0005		262,796.00
EX2040020	YN	89X0250	AL8091	ALUM0002		11,046,750.00
EX2050010	YN	89X0250	AL8091	ALUM2000		7,059,348.00
EX2050020	YN	89X0250	AL8091	ALUM2000		252,683.00
EX2062010	YN	89X0250	AL8091	ALGJ0001		70,000.00
EX2062020	YN	89X0250	AL8091	ALGJ0001		29,369.00
EW1001206	TE	89X0242	AL9291	ALAL1000SS		64,950.04
EW1001209	TE	89X0242	AL9291	ALAL1000SS		135,377.94
EW1001209	TE	89X0242	AL9291	ALHQ770		347,907.02
EW1001209	TE	89X0242	AL9291	HQ1070SS		403,662.30
EW02MM070	TE	89X0242	AL9291	ALHQ770GJ		750,000.00
EW04A7020	TE	89X0242	AL9291	ALSA0002		4,433.94
EW2010201	TE	89X0242	AL8291	ALSA0002		1,128.00
EW2010202	TE	89X0242	AL8291	ALSA0002		351,314.10
EW04AA990	TE	89X0242	AL9291	ALHQ999920		21,669.82
EW2010301	TE	89X0242	AL8291	ALHQ999920		216,120.00
EW2010301	TE	89X0242	AL8291	ALHQ999928		45,242.00
EW2010301	TE	89X0242	AL8291	ALHQ999939		83,144.00
EW04A1010	TE	89X0242	AL9291	ALHQ999938		4,841.48
EW2010402	TE	89X0242	AL8291	ALHQ999938		67,203.00
EW3110010	TE	89X0242	AL8291	ALAL2		577,272.00
EW3110010	TE	89X0242	AL8291	HQAL973101		138,798.00
[illegible]W3110010	TE	89X0242	AL8291	HQAL973301		266,286.00

[redacted]/16/99 16:29

Contract DE-AC13-96GJ87335
Modification A058
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW3110010	TE	89X0242	AL8291	HQAL973401		39,400.00
EW3110010	TE	89X0242	AL8291	HQAL973501		296,500.00
EW04AA010	TE	89X0242	AL9291	HQAL973101		192.01
EW04AA010	TE	89X0242	AL9291	HQAL973301		(1,437.00)
EW04AA010	TE	89X0242	AL9291	HQAL973401		46.00
EW04AA010	TE	89X0242	AL9291	HQAL973501		156.00
EW4040500	TE	89X0242	AL8291	AL06PS01		26,637.00
EW4040000	TE	89X0242	AL9291	AL06PS01		9,091.17
EW4040000	TE	89X0242	AL9291	AL07PS14		(225.00)
EW4040500	TE	89X0242	AL9291	AL07PS14		10,945.00
EW4010000	TE	89X0242	AL9291	AL08SD12		1,670,940.57
EW4055000	TE	89X0242	AL8291	AL08SD12		433,000.00
EW6020060	TE	89X0242	AL8291	HQ1005		76,589.00
EW02MM11A	TE	89X0242	AL9291	HQ1005		19,111.99
EW6020060	TE	89X0242	AL8291	HQ1017		200,000.00
[redacted]7002010	TE	89X0242	AL8291	ALGJ6109A		1,019.00
[redacted]04A6020	TE	89X0242	AL9291	AL025		1,890,103.78
EW7070302	TE	89X0242	AL8291	ALPP8004		679,188.00
EW7070303	TE	89X0242	AL8291	ALPP8004		2,376,944.00
EW7070700	TE	89X0242	AL8291	ALHQ770GJ		163,000.00
EW02MM080	TE	89X0242	AL9291	ALHQ770GJ		6,486.91
EW02MM080	TE	89X0242	AL9291	ALGJ7601		686.00
EW7070800	TE	89X0242	AL8291	ALGJ7601		120,151.00
EW7070800	TE	89X0242	AL8291	ALHQ770GJ		88,050.00
AF9500000	YA	89X0224	AL8491			95,600.00
CD1012010	XA	89X0226	AL8691			211,081.00
CD1015010	XA	89X0226	AL8691			49,077.00
CD1015020	XA	89X0226	AL8691			143,937.00
CD1012010	YA	89X0224	AL9491			535.00
CD1015010	YA	89X0224	AL9491			493.00
CD1015020	YA	89X0224	AL9491			243.00
DP0401050	TC	89X0240	AL8091			81,991.00
GG0701206	TF	89X0243	AL8391			0.02
GG0801000	TF	89X0243	AL8291			37,126.00
GG0803000	TF	89X0243	AL9391			614,123.87
KP1301010	WA	89X0222	AL9291			75,000.00
WM1026000	SN	899/10228.91	AL9891			7,535.52
400403109	3T	89X0240	AL8093	NASCEMP9600023		630,232.02
400406000	3Y	89X0224	AL8493	6LA47490001		153,574.52
[redacted]0406000	3Y	89X0224.93	AL9493	9IA47490001		4,160.03

2/16/99 16:29

Contract DE-AC13-96GJ87335
Modification A058
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
400408000	3Y	89X0224.93	AL9493	DW89953767012		99,320.70
820101ID9	TC	89X0240	AL8091	M700077		2,411.00
820101ID9	TC	89X0240	AL8091	M7GJRAD		14,700.00
820101ID9	TE	89X0242	AL8291	M700150		365.00
820101ID9	Y8	89X0224	AL9491	M800020/82DL		1,729.01
820101ID9	Y9	89X0224	AL9491	M9ID018/82ZE		4,500.00
820101ID9	YA	89X0224	AL8491	M700077		(1,732.00)
820101OH9	TE	89X0242	AL8291	M7G000006		55,349.00
820101RF9	TP	89X0251	AL9191	M9FKIW106/824U		429,606.00
820101RL9	TE	89X0242	AL9291	M0RAL90E03		625,000.00
820101RL9	TE	89X0242	AL8291	M7AL9OE03		2,065,288.00
820101RL9	TE	89X0242	AL9291	M7RAL90E03/82AT		1,799,066.18
820202RL9	TE	89X0242	AL9291	M0RAL90E03/822U		875,000.00
820101RL9	TE	89X0242	AL8291	M6ALJOEOA		384,093.00
820101RL9	TE	89X0242	AL8291	M7ALHOLE14		36,526.00
[redacted]0201ALH	TC	89X0240	AL8091	GJ87460		31,565.00
				Modification Total	**1,366,588.63**	
				Contract Total		**$ 130,159,044.49**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 2

2. AMENDMENT/MODIFICATION NO. A057	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. 13-99GJ87335.536, 537, 538, 539, 540, 541, 542	5. PROJECT NO. (If applicable) N/A

6. [redacted]Y CODE	7. ADMINISTERED BY (If other than Item 6) CODE
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567	Cheryl A. Thompson (970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR (No., street, country, State, and ZIP Code)	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
		10B. DATED (SEE ITEM 13) July 22, 1996
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

[redacted]	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
XX	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF FAR 52.232-22 entitled "Limitation of Funds"
	D. OTHER (Specify type of modification and authority) Unilateral. FAR 52.232-22 entitled "Limitation of Funds."

E. IMPORTANT: Contractor is not, X is required to sign this document and return ___ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to deobligate funds in the amount of ($263,577.45).

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Skip Wood Deputy General Manager	Barbara E. Smith Contracting Officer
15B. [redacted]NTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED 9/13/99
16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 9/14/99

1. SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

Clause B.02, Estimated Cost, Fixed and Award Fee, paragraph I is deleted in its entirety and replaced with the following.

a. The total amount allotted to this contract is $ 128,792,455.86 (Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1999.

2. SECTION G - CONTRACT ADMINISTRATION DATA

Paragraph G.08 is deleted in its entirely and replaced with the following.

G.08 Accounting and Appropriation Data (Please see attachment)

3 All other terms and conditions remain unchanged.

/99 16:39

Contract DE-AC13-96GJ87335
Modification A057
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX02MM010	YN	90X0224	AL9091	ALHQ999901	15,000.00	15,000.00
EX05A1010	YN	89X0224	AL9091	AL022		30,348,797.00
EX05A1020	YN	89X0224	AL9091	AL024		1,560,000.00
EX05A8010	YN	89X0224	AL9091	AL023		7,111,452.86
EX05A8020	YN	89X0224	AL9091			1,000,798.83
EX2010101	YN	89X0250	AL8091	ALGJ0002		2,856,301.00
EX05AA990	YN	89X0224	AL9091	ALGJ1007		10,539.71
EX2010102	YN	89X0250	AL8091	ALGJ0002		43,998,880.52
EX2010301	YN	89X0250	AL8091	ALGJ1007		42,606.00
EX2010301	YN	89X0250	AL8091	ALHQ999928		19,470.00
EX2010402	YN	89X0250	AL8091	ALGJ0003		12,168.00
EX2010403	YN	89X0250	AL8091	ALGJ0003		420.00
EX2010450	YN	89X0250	AL8091	ALGJ0006		2,006,388.00
EX2010450	YN	89X0250	AL8091	ALCH999943		37,000.00
EX2010600	YN	89X0250	AL8091	ALGJ0005		618,412.00
X2040010	YN	89X0250	AL8091	ALUM0001		319,855.00
EX2040010	YN	89X0250	AL8091	ALUM0005		262,796.00
EX2040020	YN	89X0250	AL8091	ALUM0002		11,046,750.00
EX2050010	YN	89X0250	AL8091	ALUM2000		7,059,348.00
EX2050020	YN	89X0250	AL8091	ALUM2000		252,683.00
EX2062010	YN	89X0250	AL8091	ALGJ0001		70,000.00
EX2062020	YN	89X0250	AL8091	ALGJ0001		29,369.00
EW1001206	TE	89X0242	AL9291	ALAL1000SS		64,950.04
EW1001209	TE	89X0242	AL9291	ALAL1000SS		135,377.94
EW1001209	TE	89X0242	AL9291	ALHQ770		347,907.02
EW1001209	TE	89X0242	AL9291	HQ1070SS		403,662.30
EW02MM070	TE	89X0242	AL9291	ALHQ770GJ		750,000.00
EW04A7020	TE	89X0242	AL9291	ALSA0002		4,433.94
EW2010201	TE	89X0242	AL8291	ALSA0002		1,128.00
EW2010202	TE	89X0242	AL8291	ALSA0002		351,314.10
EW04AA990	TE	89X0242	AL9291	ALHQ999920		21,669.82
EW2010301	TE	89X0242	AL8291	ALHQ999920		216,120.00
EW2010301	TE	89X0242	AL8291	ALHQ999928		45,242.00
EW2010301	TE	89X0242	AL8291	ALHQ999939		83,144.00
EW04A1010	TE	89X0242	AL9291	ALHQ999938		4,841.48
EW2010402	TE	89X0242	AL8291	ALHQ999938		67,203.00
EW3110010	TE	89X0242	AL8291	ALAL2		577,272.00
EW3110010	TE	89X0242	AL8291	HQAL973101		138,798.00
EW3110010	TE	89X0242	AL8291	HQAL973301		266,286.00
W3110010	TE	89X0242	AL8291	HQAL973401		39,400.00

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Contract DE-AC13-96GJ87335
Modification A057
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW3110010	TE	89X0242	AL8291	HQAL973501		296,500.00
EW04AA010	TE	89X0242	AL9291	HQAL973101		192.01
EW04AA010	TE	89X0242	AL9291	HQAL973301		(1,437.00)
EW04AA010	TE	89X0242	AL9291	HQAL973401		46.00
EW04AA010	TE	89X0242	AL9291	HQAL973501		156.00
EW4040500	TE	89X0242	AL8291	AL06PS01		26,637.00
EW4040000	TE	89X0242	AL9291	AL06PS01		9,091.17
EW4040000	TE	89X0242	AL9291	AL07PS14	(273.00)	(225.00)
EW4040500	TE	89X0242	AL9291	AL07PS14		10,945.00
EW4010000	TE	89X0242	AL9291	AL08SD12		1,670,940.57
EW4055000	TE	89X0242	AL8291	AL08SD12		433,000.00
EW6020060	TE	89X0242	AL8291	HQ1005		76,589.00
EW02MM11A	TE	89X0242	AL9291	HQ1005		19,111.99
EW6020060	TE	89X0242	AL8291	HQ1017		200,000.00
EW7002010	TE	89X0242	AL8291	ALGJ6109A		1,019.00
W04A6020	TE	89X0242	AL9291	AL025	(400,000.00)	1,890,103.78
EW7070302	TE	89X0242	AL8291	ALPP8004		679,188.00
EW7070303	TE	89X0242	AL8291	ALPP8004		2,376,944.00
EW7070700	TE	89X0242	AL8291	ALHQ770GJ		163,000.00
EW02MM080	TE	89X0242	AL9291	ALHQ770GJ		6,486.91
EW02MM080	TE	89X0242	AL9291	ALGJ7601		686.00
EW7070800	TE	89X0242	AL8291	ALGJ7601		120,151.00
EW7070800	TE	89X0242	AL8291	ALHQ770GJ		88,050.00
AF9500000	YA	89X0224	AL8491			95,600.00
CD1012010	XA	89X0226	AL8691			211,081.00
CD1015010	XA	89X0226	AL8691			49,077.00
CD1015020	XA	89X0226	AL8691			143,937.00
CD1012010	YA	89X0224	AL9491			535.00
CD1015010	YA	89X0224	AL9491			493.00
CD1015020	YA	89X0224	AL9491			243.00
DP0401050	TC	89X0240	AL8091			81,991.00
GG0701206	TF	89X0243	AL8391			0.02
GG0801000	TF	89X0243	AL8291			37,126.00
GG0803000	TF	89X0243	AL9391		60,000.00	614,123.87
KP1301010	WA	89X0222	AL9291		50,000.00	75,000.00
WM1026000	SN	899/10228.91	AL9891		7,535.52	7,535.52
400403109	3T	89X0240	AL8093	NASCEMP9600023		630,232.02
400406000	3Y	89X0224	AL8493	6LA47490001		153,574.52
400406000	3Y	89X0224.93	AL9493	9IA47490001	4,160.03	4,160.03
0408000	3Y	89X0224.93	AL9493	DW89953767012		99,320.70

/99 16:39

Contract DE-AC13-96GJ87335
Modification A057
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
820101ID9	TC	89X0240	AL8091	M700077		2,411.00
820101ID9	TC	89X0240	AL8091	M7GJRAD		14,700.00
820101ID9	TE	89X0242	AL8291	M700150		365.00
820101ID9	Y8	89X0224	AL9491	M800020/82DL		1,729.01
820101ID9	Y9	89X0224	AL9491	M9ID018/82ZE		4,500.00
820101ID9	YA	89X0224	AL8491	M700077		(1,732.00)
820101OH9	TE	89X0242	AL8291	M7G000006		55,349.00
820101RF9	TP	89X0251	AL9191	M9FKIW106/824U		429,606.00
820101RL9	TE	89X0242	AL9291	M0RAL90E03		625,000.00
820101RL9	TE	89X0242	AL8291	M7AL9OE03		2,065,288.00
820101RL9	TE	89X0242	AL9291	M7RAL90E03/82AT		1,799,066.18
820202RL9	TE	89X0242	AL9291	M0RAL90E03/822U		875,000.00
820101RL9	TE	89X0242	AL8291	M6ALJOEOA		384,093.00
820101RL9	TE	89X0242	AL8291	M7ALHOLE14		36,526.00
820201ALH	TC	89X0240	AL8091	GJ87460		31,565.00
				Modification Total	(263,577.45)	
				Contract Total		$ 128,792,455.86

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 2

AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
A056	See Block 16c	13-99GJ87335.535	N/A

BY CODE	7. ADMINISTERED BY (If other than Item 6) CODE
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567	Cheryl A. Thompson (970) 248-6043

. NAME AND ADDRESS OF CONTRACTOR (No., street, country, State, and ZIP Code)	(✓)	9A. AMENDMENT OF SOLICITATION NO.
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
ODE / FACILITY CODE		10B. DATED (SEE ITEM 13) July 22, 1996

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. ffers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: ı) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer ubmitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGE-IENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF OUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each elegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

2. ACCOUNTING AND APPROPRIATION DATA (If required)
See Section G

M APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
XX	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF FAR 52.232-22 entitled "Limitation of Funds"
	D. OTHER (Specify type of modification and authority) Unilateral, FAR 52.232-22 entitled "Limitation of Funds."

:. IMPORTANT: Contractor is not, X is required to sign this document and return____copies to the issuing office.

4. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to deobligate funds in the amount of ($120,000.00).

(Continued on Page 2)

xcept as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

5A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
Jean L. Quamme, General Manager		Cheryl A. Thompson Contracting Officer	
TRACTOR/OFFEROR Jean L. Quamme (Signature of person authorized to sign)	15C. DATE SIGNED 8/18/99	16B. UNITED STATES OF AMERICA BY Cheryl A. Thompson (Signature of Contracting Officer)	16C. DATE SIGNED 8/18/99

30-105-03

STANDARD FORM 30

7/99 13:41

Contract DE-AC13-96GJ87335
Modification A056

1. SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

Clause B.02, Estimated Cost, Fixed and Award Fee, paragraph I is deleted in its entirety and replaced with the following.

a. The total amount allotted to this contract is $ 129,056,033.31 (Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1999.

2. SECTION G - CONTRACT ADMINISTRATION DATA

Paragraph G.08 is deleted in its entirely and replaced with the following.

G.08 Accounting and Appropriation Data (Please see attachment)

3 All other terms and conditions remain unchanged.

[redacted]/99 13:41

Contract DE-AC13-96GJ87335
Modification A056
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX05A1010	YN	89X0224	AL9091	AL022		30,348,797.00
EX05A1020	YN	89X0224	AL9091	AL024		1,560,000.00
EX05A8010	YN	89X0224	AL9091	AL023	(100,000.00)	7,111,452.86
EX05A8020	YN	89X0224	AL9091			1,000,798.83
EX2010101	YN	89X0250	AL8091	ALGJ0002		2,856,301.00
EX05AA990	YN	89X0224	AL9091	ALGJ1007		10,539.71
EX2010102	YN	89X0250	AL8091	ALGJ0002		43,998,880.52
EX2010301	YN	89X0250	AL8091	ALGJ1007		42,606.00
EX2010301	YN	89X0250	AL8091	ALHQ999928		19,470.00
EX2010402	YN	89X0250	AL8091	ALGJ0003		12,168.00
EX2010403	YN	89X0250	AL8091	ALGJ0003		420.00
EX2010450	YN	89X0250	AL8091	ALGJ0006		2,006,388.00
EX2010450	YN	89X0250	AL8091	ALCH999943		37,000.00
EX2010600	YN	89X0250	AL8091	ALGJ0005		618,412.00
[redacted]2040010	YN	89X0250	AL8091	ALUM0001		319,855.00
[redacted]2040010	YN	89X0250	AL8091	ALUM0005		262,796.00
EX2040020	YN	89X0250	AL8091	ALUM0002		11,046,750.00
EX2050010	YN	89X0250	AL8091	ALUM2000		7,059,348.00
EX2050020	YN	89X0250	AL8091	ALUM2000		252,683.00
EX2062010	YN	89X0250	AL8091	ALGJ0001		70,000.00
EX2062020	YN	89X0250	AL8091	ALGJ0001		29,369.00
EW1001206	TE	89X0242	AL9291	ALAL1000SS		64,950.04
EW1001209	TE	89X0242	AL9291	ALAL1000SS		135,377.94
EW1001209	TE	89X0242	AL9291	ALHQ770		347,907.02
EW1001209	TE	89X0242	AL9291	HQ1070SS		403,662.30
EW02MM070	TE	89X0242	AL9291	ALHQ770GJ		750,000.00
EW04A7020	TE	89X0242	AL9291	ALSA0002		4,433.94
EW2010201	TE	89X0242	AL8291	ALSA0002		1,128.00
EW2010202	TE	89X0242	AL8291	ALSA0002		351,314.10
EW04AA990	TE	89X0242	AL9291	ALHQ999920		21,669.82
EW2010301	TE	89X0242	AL8291	ALHQ999920		216,120.00
EW2010301	TE	89X0242	AL8291	ALHQ999928		45,242.00
EW2010301	TE	89X0242	AL8291	ALHQ999939		83,144.00
EW04A1010	TE	89X0242	AL9291	ALHQ999938		4,841.48
EW2010402	TE	89X0242	AL8291	ALHQ999938		67,203.00
EW3110010	TE	89X0242	AL8291	ALAL2		577,272.00
EW3110010	TE	89X0242	AL8291	HQAL973101		138,798.00
EW3110010	TE	89X0242	AL8291	HQAL973301		266,286.00
[redacted]W3110010	TE	89X0242	AL8291	HQAL973401		39,400.00
[redacted]/3110010	TE	89X0242	AL8291	HQAL973501		296,500.00

7/99 13:41

Contract DE-AC13-96GJ87335
Modification A056
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW04AA010	TE	89X0242	AL9291	HQAL973101		192.01
EW04AA010	TE	89X0242	AL9291	HQAL973301		(1,437.00)
EW04AA010	TE	89X0242	AL9291	HQAL973401		46.00
EW04AA010	TE	89X0242	AL9291	HQAL973501		156.00
EW4040500	TE	89X0242	AL8291	AL06PS01		26,637.00
EW4040000	TE	89X0242	AL9291	AL06PS01		9,091.17
EW4040000	TE	89X0242	AL9291	AL07PS14		48.00
EW4040500	TE	89X0242	AL8291	AL07PS14		10,945.00
EW4010000	TE	89X0242	AL9291	AL08SD12		1,670,940.57
EW4055000	TE	89X0242	AL8291	AL08SD12		433,000.00
EW6020060	TE	89X0242	AL8291	HQ1005		76,589.00
EW02MM11A	TE	89X0242	AL9291	HQ1005		19,111.99
EW6020060	TE	89X0242	AL8291	HQ1017		200,000.00
EW7002010	TE	89X0242	AL8291	ALGJ6109A		1,019.00
EW04A6020	TE	89X0242	AL9291	ALPP8004		2,290,103.78
EW7070302	TE	89X0242	AL8291	ALPP8004		679,188.00
EW7070303	TE	89X0242	AL8291	ALPP8004		2,376,944.00
EW7070700	TE	89X0242	AL8291	ALHQ770GJ		163,000.00
EW02MM080	TE	89X0242	AL9291	ALHQ770GJ		6,486.91
EW02MM080	TE	89X0242	AL9291	ALGJ7601		686.00
EW7070800	TE	89X0242	AL8291	ALGJ7601		120,151.00
EW7070800	TE	89X0242	AL8291	ALHQ770GJ		88,050.00
AF9500000	YA	89X0224	AL8491			95,600.00
CD1012010	XA	89X0226	AL8691			211,081.00
CD1015010	XA	89X0226	AL8691			49,077.00
CD1015020	XA	89X0226	AL8691			143,937.00
CD1012010	YA	89X0224	AL9491			535.00
CD1015010	YA	89X0224	AL9491			493.00
CD1015020	YA	89X0224	AL9491			243.00
DP0401050	TC	89X0240	AL8091			81,991.00
GG0701206	TF	89X0243	AL8391			0.02
GG0801000	TF	89X0243	AL8291			37,126.00
GG0803000	TF	89X0243	AL9391			554,123.87
KP1301010	WA	89X0222	AL9291			25,000.00
400403109	3T	89X0240	AL8093	NASCEMP9600023		630,232.02
400406000	3Y	89X0224	AL8493	6LA47490001		153,574.52
400408000	3Y	89X0224.93	AL9493	DW89953767012		99,320.70
820101ID9	TC	89X0240	AL8091	M700077		2,411.00
820101ID9	TC	89X0240	AL8091	M7GJRAD		14,700.00
820101ID9	TE	89X0242	AL8291	M700150		365.00

7/99 13:41

Contract DE-AC13-96GJ87335
Modification A056
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
820101ID9	Y8	89X0224	AL9491	M800020/82DL		1,729.01
820101ID9	Y9	89X0224	AL9491	M9ID018/82ZE		4,500.00
820101ID9	YA	89X0224	AL8491	M700077		(1,732.00)
820101OH9	TE	89X0242	AL8291	M7G000006		55,349.00
820101RF9	TP	89X0251	AL9191	M9FKIW106/824U	(20,000.00)	429,606.00
820101RL9	TE	89X0242	AL9291	M0RAL90E03		625,000.00
820101RL9	TE	89X0242	AL8291	M7AL9OE03		2,065,288.00
820101RL9	TE	89X0242	AL9291	M7RAL90E03/82AT		1,799,066.18
820202RL9	TE	89X0242	AL9291	M0RAL90E03/822U		875,000.00
820101RL9	TE	89X0242	AL8291	M6ALJOEOA		384,093.00
820101RL9	TE	89X0242	AL8291	M7ALHOLE14		36,526.00
820201ALH	TC	89X0240	AL8091	GJ87460		31,565.00
				Modification Total	**(120,000.00)**	
				Contract Total		**$ 129,056,033.31**

MENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 2

AMENDMENT/MODIFICATION NO. A055	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. 13-99GJ87335.529, 534	5. PROJECT NO. *(If applicable)* N/A

[redacted] CODE	7. ADMINISTERED BY *(If other than Item 6)* CODE
S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567	Cheryl A. Thompson (970) 248-6043

NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED *(SEE ITEM 11)*
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
		10B. DATED *(SEE ITEM 13)* July 22, 1996
ODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

ffers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer ubmitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGE-ENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF OUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each legram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

2. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

3. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

[redacted] IS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CON-CT NO. IN ITEM 10A.

	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
(X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF FAR 52.232-22 entitled "Limitation of Funds"
	D. OTHER *(Specify type of modification and authority)* Unilateral. FAR 52.232-22 entitled "Limitation of Funds."

. IMPORTANT: Contractor is not, X is required to sign this document and return____copies to the issuing office.

4. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to deobligate funds in the amount of ($7,000.00).

(Continued on Page 2)

xcept as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

5A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
JEAN L. QUAMME, Gen. Mngr.		Cheryl A. Thompson Contracting Officer	
5B. CONTRACTOR/OFFEROR [redacted] *(Signature of person authorized to sign)*	15C. DATE SIGNED 8/19/99	16B. UNITED STATES OF AMERICA BY Cheryl A Thompson *(Signature of Contracting Officer)*	16C. DATE SIGNED 7/22/99

30-105-03

STANDARD FORM 30

1. SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

Clause B.02, Estimated Cost, Fixed and Award Fee, paragraph I is deleted in its entirety and replaced with the following.

a. The total amount allotted to this contract is $ 129,176,033.31 (Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1999.

2. SECTION G - CONTRACT ADMINISTRATION DATA

Paragraph G.08 is deleted in its entirely and replaced with the following.

G.08 Accounting and Appropriation Data (Please see attachment)

3 All other terms and conditions remain unchanged.

[redacted]/99 12:55

Contract DE-AC13-96GJ87335
Modification A055
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX05A1010	YN	89X0224	AL9091	AL022		30,348,797.00
EX05A1020	YN	89X0224	AL9091	AL024		1,560,000.00
EX05A8010	YN	89X0224	AL9091	AL023		7,211,452.86
EX05A8020	YN	89X0224	AL9091			1,000,798.83
EX2010101	YN	89X0250	AL8091	ALGJ0002		2,856,301.00
EX05AA990	YN	89X0224	AL9091	ALGJ1007		10,539.71
EX2010102	YN	89X0250	AL8091	ALGJ0002		43,998,880.52
EX2010301	YN	89X0250	AL8091	ALGJ1007		42,606.00
EX2010301	YN	89X0250	AL8091	ALHQ999928		19,470.00
EX2010402	YN	89X0250	AL8091	ALGJ0003		12,168.00
EX2010403	YN	89X0250	AL8091	ALGJ0003		420.00
EX2010450	YN	89X0250	AL8091	ALGJ0006		2,006,388.00
EX2010450	YN	89X0250	AL8091	ALCH999943		37,000.00
EX2010600	YN	89X0250	AL8091	ALGJ0005		618,412.00
EX2040010	YN	89X0250	AL8091	ALUM0001		319,855.00
[redacted]2040010	YN	89X0250	AL8091	ALUM0005		262,796.00
[redacted]X2040020	YN	89X0250	AL8091	ALUM0002		11,046,750.00
EX2050010	YN	89X0250	AL8091	ALUM2000		7,059,348.00
EX2050020	YN	89X0250	AL8091	ALUM2000		252,683.00
EX2062010	YN	89X0250	AL8091	ALGJ0001		70,000.00
EX2062020	YN	89X0250	AL8091	ALGJ0001		29,369.00
EW1001206	TE	89X0242	AL9291	ALAL1000SS		64,950.04
EW1001209	TE	89X0242	AL9291	ALAL1000SS		135,377.94
EW1001209	TE	89X0242	AL9291	ALHQ770		347,907.02
EW1001209	TE	89X0242	AL9291	HQ1070SS		403,662.30
EW02MM070	TE	89X0242	AL9291	ALHQ770GJ		750,000.00
EW04A7020	TE	89X0242	AL9291	ALSA0002		4,433.94
EW2010201	TE	89X0242	AL8291	ALSA0002		1,128.00
EW2010202	TE	89X0242	AL8291	ALSA0002		351,314.10
EW04AA990	TE	89X0242	AL9291	ALHQ999920		21,669.82
EW2010301	TE	89X0242	AL8291	ALHQ999920		216,120.00
EW2010301	TE	89X0242	AL8291	ALHQ999928		45,242.00
EW2010301	TE	89X0242	AL8291	ALHQ999939		83,144.00
EW04A1010	TE	89X0242	AL9291	ALHQ999938		4,841.48
EW2010402	TE	89X0242	AL8291	ALHQ999938		67,203.00
EW3110010	TE	89X0242	AL8291	ALAL2		577,272.00
EW3110010	TE	89X0242	AL8291	HQAL973101		138,798.00
EW3110010	TE	89X0242	AL8291	HQAL973301		266,286.00
EW3110010	TE	89X0242	AL8291	HQAL973401		39,400.00
[redacted]3110010	TE	89X0242	AL8291	HQAL973501		296,500.00

[redacted]/99 12:55

Contract DE-AC13-96GJ87335
Modification A055
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW04AA010	TE	89X0242	AL9291	HQAL973101		192.01
EW04AA010	TE	89X0242	AL9291	HQAL973301		(1,437.00)
EW04AA010	TE	89X0242	AL9291	HQAL973401		46.00
EW04AA010	TE	89X0242	AL9291	HQAL973501		156.00
EW4040500	TE	89X0242	AL8291	AL06PS01		26,637.00
EW4040000	TE	89X0242	AL9291	AL06PS01	3,000.00	9,091.17
EW4040000	TE	89X0242	AL9291	AL07PS14		48.00
EW4040500	TE	89X0242	AL8291	AL07PS14		10,945.00
EW4010000	TE	89X0242	AL9291	AL08SD12	(10,000.00)	1,670,940.57
EW4055000	TE	89X0242	AL8291	AL08SD12		433,000.00
EW6020060	TE	89X0242	AL8291	HQ1005		76,589.00
EW02MM11A	TE	89X0242	AL9291	HQ1005		19,111.99
EW6020060	TE	89X0242	AL8291	HQ1017		200,000.00
EW7002010	TE	89X0242	AL8291	ALGJ6109A		1,019.00
EW04A6020	TE	89X0242	AL9291	ALPP8004		2,290,103.78
[redacted]7070302	TE	89X0242	AL8291	ALPP8004		679,188.00
[redacted]7070303	TE	89X0242	AL8291	ALPP8004		2,376,944.00
EW7070700	TE	89X0242	AL8291	ALHQ770GJ		163,000.00
EW02MM080	TE	89X0242	AL9291	ALHQ770GJ		6,486.91
EW02MM080	TE	89X0242	AL9291	ALGJ7601		686.00
EW7070800	TE	89X0242	AL8291	ALGJ7601		120,151.00
EW7070800	TE	89X0242	AL8291	ALHQ770GJ		88,050.00
AF9500000	YA	89X0224	AL8491			95,600.00
CD1012010	XA	89X0226	AL8691			211,081.00
CD1015010	XA	89X0226	AL8691			49,077.00
CD1015020	XA	89X0226	AL8691			143,937.00
CD1012010	YA	89X0224	AL9491			535.00
CD1015010	YA	89X0224	AL9491			493.00
CD1015020	YA	89X0224	AL9491			243.00
DP0401050	TC	89X0240	AL8091			81,991.00
GG0701206	TF	89X0243	AL8391			0.02
GG0801000	TF	89X0243	AL8291			37,126.00
GG0803000	TF	89X0243	AL9391			554,123.87
KP1301010	WA	89X0222	AL9291			25,000.00
400403109	3T	89X0240	AL8093	NASCEMP9600023		630,232.02
400406000	3Y	89X0224	AL8493	6LA47490001		153,574.52
400408000	3Y	89X0224.93	AL9493	DW89953767012		99,320.70
820101ID9	TC	89X0240	AL8091	M700077		2,411.00
820101ID9	TC	89X0240	AL8091	M7GJRAD		14,700.00
[redacted]0101ID9	TE	89X0242	AL8291	M700150		365.00

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 2

2. AMENDMENT/MODIFICATION NO. A054	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. 13-99GJ87335.530, 531, 532, 533	5. PROJECT NO. (If applicable) N/A

6. ISSUED BY CODE

U.S. Department of Energy
Grand Junction Office
2597 B3/4 Road
Grand Junction, CO 81502-2567

7. ADMINISTERED BY (If other than Item 6) CODE

Cheryl A. Thompson
(970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR (No., street, country, State, and ZIP Code)

MACTEC-ERS
2597 B3/4 Road
Grand Junction, CO 81503

CODE FACILITY CODE

(✓)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
	10B. DATED (SEE ITEM 13) July 22, 1996

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF FAR 52.232-22 entitled "Limitation of Funds"
XX	D. OTHER (Specify type of modification and authority) Unilateral, FAR 52.232-22 entitled "Limitation of Funds."

E. IMPORTANT: Contractor X is not, is required to sign this document and return___copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to obligate funds in the amount of $4,258,398.06.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Cheryl A. Thompson Contracting Officer	
15B. CONTRACTOR/OFFEROR _____ (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Cheryl A. Thompson (Signature of Contracting Officer)	16C. DATE SIGNED 7/26/99

30-105-03

STANDARD FORM 30

1. SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

Clause B.02, Estimated Cost, Fixed and Award Fee, paragraph I is deleted in its entirety and replaced with the following.

a. The total amount allotted to this contract is $ 129,183,033.31 (Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1999.

2. SECTION G - CONTRACT ADMINISTRATION DATA

Paragraph G.08 is deleted in its entirely and replaced with the following.

G.08 Accounting and Appropriation Data (Please see attachment)

3 All other terms and conditions remain unchanged.

[redacted]/99 12:29

Contract DE-AC13-96GJ87335
Modification A054
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX05A1010	YN	89X0224	AL9091	AL022	3,600,000.00	30,348,797.00
EX05A1020	YN	89X0224	AL9091	AL024	360,000.00	1,560,000.00
EX05A8010	YN	89X0224	AL9091	AL023	215,000.00	7,211,452.86
EX05A8020	YN	89X0224	AL9091			1,000,798.83
EX2010101	YN	89X0250	AL8091	ALGJ0002		2,856,301.00
EX05AA990	YN	89X0224	AL9091	ALGJ1007		10,539.71
EX2010102	YN	89X0250	AL8091	ALGJ0002		43,998,880.52
EX2010301	YN	89X0250	AL8091	ALGJ1007		42,606.00
EX2010301	YN	89X0250	AL8091	ALHQ999928		19,470.00
EX2010402	YN	89X0250	AL8091	ALGJ0003		12,168.00
EX2010403	YN	89X0250	AL8091	ALGJ0003		420.00
EX2010450	YN	89X0250	AL8091	ALGJ0006		2,006,388.00
EX2010450	YN	89X0250	AL8091	ALCH999943		37,000.00
EX2010600	YN	89X0250	AL8091	ALGJ0005		618,412.00
[redacted]2040010	YN	89X0250	AL8091	ALUM0001		319,855.00
[redacted]040010	YN	89X0250	AL8091	ALUM0005		262,796.00
EX2040020	YN	89X0250	AL8091	ALUM0002		11,046,750.00
EX2050010	YN	89X0250	AL8091	ALUM2000		7,059,348.00
EX2050020	YN	89X0250	AL8091	ALUM2000		252,683.00
EX2062010	YN	89X0250	AL8091	ALGJ0001		70,000.00
EX2062020	YN	89X0250	AL8091	ALGJ0001		29,369.00
EW1001206	TE	89X0242	AL9291	ALAL1000SS		64,950.04
EW1001209	TE	89X0242	AL9291	ALAL1000SS		135,377.94
EW1001209	TE	89X0242	AL9291	ALHQ770		347,907.02
EW1001209	TE	89X0242	AL9291	HQ1070SS	30,000.00	403,662.30
EW02MM070	TE	89X0242	AL9291	ALHQ770GJ		750,000.00
EW04A7020	TE	89X0242	AL9291	ALSA0002		4,433.94
EW2010201	TE	89X0242	AL8291	ALSA0002		1,128.00
EW2010202	TE	89X0242	AL8291	ALSA0002		351,314.10
EW04AA990	TE	89X0242	AL9291	ALHQ999920		21,669.82
EW2010301	TE	89X0242	AL8291	ALHQ999920		216,120.00
EW2010301	TE	89X0242	AL8291	ALHQ999928		45,242.00
EW2010301	TE	89X0242	AL8291	ALHQ999939		83,144.00
EW04A1010	TE	89X0242	AL9291	ALHQ999938		4,841.48
EW2010402	TE	89X0242	AL8291	ALHQ999938		67,203.00
EW3110010	TE	89X0242	AL8291	ALAL2		577,272.00
EW3110010	TE	89X0242	AL8291	HQAL973101		138,798.00
EW3110010	TE	89X0242	AL8291	HQAL973301		266,286.00
[redacted]W3110010	TE	89X0242	AL8291	HQAL973401		39,400.00
[redacted]3110010	TE	89X0242	AL8291	HQAL973501		296,500.00

[redacted]/99 12:29

Contract DE-AC13-96GJ87335
Modification A054
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW04AA010	TE	89X0242	AL9291	HQAL973101		192.01
EW04AA010	TE	89X0242	AL9291	HQAL973301		(1,437.00)
EW04AA010	TE	89X0242	AL9291	HQAL973401		46.00
EW04AA010	TE	89X0242	AL9291	HQAL973501		156.00
EW4040500	TE	89X0242	AL8291	AL06PS01		26,637.00
EW4040000	TE	89X0242	AL9291	AL06PS01		6,091.17
EW4040000	TE	89X0242	AL9291	AL07PS14		48.00
EW4040500	TE	89X0242	AL8291	AL07PS14		10,945.00
EW4010000	TE	89X0242	AL9291	AL08SD12		1,680,940.57
EW4055000	TE	89X0242	AL8291	AL08SD12		433,000.00
EW6020060	TE	89X0242	AL8291	HQ1005		76,589.00
EW02MM11A	TE	89X0242	AL9291	HQ1005		19,111.99
EW6020060	TE	89X0242	AL8291	HQ1017		200,000.00
EW7002010	TE	89X0242	AL8291	ALGJ6109A		1,019.00
[redacted]04A6020	TE	89X0242	AL9291	ALPP8004		2,290,103.78
[redacted]7070302	TE	89X0242	AL8291	ALPP8004		679,188.00
EW7070303	TE	89X0242	AL8291	ALPP8004		2,376,944.00
EW7070700	TE	89X0242	AL8291	ALHQ770GJ		163,000.00
EW02MM080	TE	89X0242	AL9291	ALHQ770GJ		6,486.91
EW02MM080	TE	89X0242	AL9291	ALGJ7601		686.00
EW7070800	TE	89X0242	AL8291	ALGJ7601		120,151.00
EW7070800	TE	89X0242	AL8291	ALHQ770GJ		88,050.00
AF9500000	YA	89X0224	AL8491			95,600.00
CD1012010	XA	89X0226	AL8691			211,081.00
CD1015010	XA	89X0226	AL8691			49,077.00
CD1015020	XA	89X0226	AL8691			143,937.00
CD1012010	YA	89X0224	AL9491			535.00
CD1015010	YA	89X0224	AL9491			493.00
CD1015020	YA	89X0224	AL9491			243.00
DP0401050	TC	89X0240	AL8091			81,991.00
GG0701206	TF	89X0243	AL8391			0.02
GG0801000	TF	89X0243	AL8291			37,126.00
GG0803000	TF	89X0243	AL9391			554,123.87
KP1301010	WA	89X0222	AL9291			25,000.00
400403109	3T	89X0240	AL8093	NASCEMP9600023		630,232.02
400406000	3Y	89X0224	AL8493	6LA47490001		153,574.52
400408000	3Y	89X0224.93	AL9493	DW89953767012	53,398.06	99,320.70
820101ID9	TC	89X0240	AL8091	M700077		2,411.00
[redacted]0101ID9	TC	89X0240	AL8091	M7GJRAD		14,700.00
[redacted]101ID9	TE	89X0242	AL8291	M700150		365.00

/99 12:29

Contract DE-AC13-96GJ87335
Modification A054
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
820101ID9	Y8	89X0224	AL9491	M800020/82DL		1,729.01
820101ID9	Y9	89X0224	AL9491	M9ID018/82ZE		4,500.00
820101ID9	YA	89X0224	AL8491	M700077		(1,732.00)
820101OH9	TE	89X0242	AL8291	M7G000006		55,349.00
820101RF9	TP	89X0251	AL9191	M9FKIW106/824U		449,606.00
820101RL9	TE	89X0242	AL9291	M0RAL90E03		625,000.00
820101RL9	TE	89X0242	AL8291	M7AL9OE03		2,065,288.00
820101RL9	TE	89X0242	AL9291	M7RAL90E03/82AT		1,799,066.18
820202RL9	TE	89X0242	AL9291	M0RAL90E03/822U		875,000.00
820101RL9	TE	89X0242	AL8291	M6ALJOEOA		384,093.00
820101RL9	TE	89X0242	AL8291	M7ALHOLE14		36,526.00
820201ALH	TC	89X0240	AL8091	GJ87460		31,565.00
				Modification Total	**4,258,398.06**	
				Contract Total		**$ 129,183,033.31**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
A053	See Block 16c	13-99GJ87335.525,526,527,528	N/A

6. ISSUED BY CODE	7. ADMINISTERED BY (If other than Item 6) CODE
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567	Cheryl A. Thompson (970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR (No., street, country, State, and ZIP Code)	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
		10B. DATED (SEE ITEM 13) July 22, 1996
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

[redacted] THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.

	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
XX	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF FAR 52.232-22 entitled "Limitation of Funds"
	D. OTHER (Specify type of modification and authority) Unilateral, FAR 52.232-22 entitled "Limitation of Funds."

E. IMPORTANT: Contractor is not, X is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to deobligate funds in the amount of ($100,463.00).

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
SEAN D. QUINNIE GEN. MGR.	Cheryl A. Thompson Contracting Officer
15B. CONTRACTOR/OFFEROR [redacted] (Signature of person authorized to sign)	15C. DATE SIGNED 6/22/99
	16B. UNITED STATES OF AMERICA BY Cheryl A. Thompson (Signature of Contracting Officer)
	16C. DATE SIGNED 6/23/99

30-105-03

STANDARD FORM 30

6/22/99 13:42

Contract DE-AC13-96GJ87335
Modification A053

1. **SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS**

Clause B.02, Estimated Cost, Fixed and Award Fee, paragraph I is deleted in its entirety and replaced with the following.

a. The total amount allotted to this contract is $ 124,924,635.25 (Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1999.

2. **SECTION G - CONTRACT ADMINISTRATION DATA**

Paragraph G.08 is deleted in its entirely and replaced with the following.

G.08 Accounting and Appropriation Data (Please see attachment)

3 All other terms and conditions remain unchanged.

6/22/99 13:29

Contract DE-AC13-96GJ87335
Modification A053
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW04AA010	TE	89X0242	AL9291	HQAL973101		192.01
EW04AA010	TE	89X0242	AL9291	HQAL973301		(1,437.00)
EW04AA010	TE	89X0242	AL9291	HQAL973401		46.00
EW04AA010	TE	89X0242	AL9291	HQAL973501		156.00
EW4040500	TE	89X0242	AL8291	AL06PS01		26,637.00
EW4040000	TE	89X0242	AL9291	AL06PS01	600.00	6,091.17
EW4040000	TE	89X0242	AL9291	AL07PS14		48.00
EW4040500	TE	89X0242	AL8291	AL07PS14		10,945.00
EW4010000	TE	89X0242	AL9291	AL08SD12		1,680,940.57
EW4055000	TE	89X0242	AL8291	AL08SD12		433,000.00
EW6020060	TE	89X0242	AL8291	HQ1005		76,589.00
EW02MM11A	TE	89X0242	AL9291	HQ1005		19,111.99
EW6020060	TE	89X0242	AL8291	HQ1017		200,000.00
EW7002010	TE	89X0242	AL8291	ALGJ6109A		1,019.00
EW04A6020	TE	89X0242	AL9291	ALPP8004		2,290,103.78
EW7070302	TE	89X0242	AL8291	ALPP8004		679,188.00
EW7070303	TE	89X0242	AL8291	ALPP8004		2,376,944.00
EW7070700	TE	89X0242	AL8291	ALHQ770GJ		163,000.00
EW02MM080	TE	89X0242	AL9291	ALHQ770GJ		6,486.91
EW02MM080	TE	89X0242	AL9291	ALGJ7601		686.00
EW7070800	TE	89X0242	AL8291	ALGJ7601		120,151.00
EW7070800	TE	89X0242	AL8291	ALHQ770GJ		88,050.00
AF9500000	YA	89X0224	AL8491			95,600.00
CD1012010	XA	89X0226	AL8691			211,081.00
CD1015010	XA	89X0226	AL8691			49,077.00
CD1015020	XA	89X0226	AL8691			143,937.00
CD1012010	YA	89X0224	AL9491			535.00
CD1015010	YA	89X0224	AL9491			493.00
CD1015020	YA	89X0224	AL9491			243.00
DP0401050	TC	89X0240	AL8091			81,991.00
GG0701206	TF	89X0243	AL8391			0.02
GG0801000	TF	89X0243	AL8291			37,126.00
GG0803000	TF	89X0243	AL9391			554,123.87
KP1301010	WA	89X0222	AL9291			25,000.00
400403109	3T	89X0240	AL8093	NASCEMP9600023		630,232.02
400406000	3Y	89X0224	AL8493	6LA47490001		153,574.52
400408000	3Y	89X0224	AL9493	DW8995376701		45,922.64
820101ID9	TC	89X0240	AL8091	M700077		2,411.00
820101ID9	TC	89X0240	AL8091	M7GJRAD		14,700.00
820101ID9	TE	89X0242	AL8291	M700150		365.00

6/22/99 13:29

Contract DE-AC13-96GJ87335
Modification A053
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX05A1010	YN	89X0224	AL9091			26,748,797.00
EX05A1020	YN	89X0224	AL9091	AL024		1,200,000.00
EX05A8010	YN	89X0224	AL9091	AL023		6,996,452.86
EX05A8020	YN	89X0224	AL9091			1,000,798.83
EX2010101	YN	89X0250	AL8091	ALGJ0002		2,856,301.00
EX05AA990	YN	89X0224	AL9091	ALGJ1007		10,539.71
EX2010102	YN	89X0250	AL8091	ALGJ0002		43,998,880.52
EX2010301	YN	89X0250	AL8091	ALGJ1007		42,606.00
EX2010301	YN	89X0250	AL8091	ALHQ999928		19,470.00
EX2010402	YN	89X0250	AL8091	ALGJ0003		12,168.00
EX2010403	YN	89X0250	AL8091	ALGJ0003		420.00
EX2010450	YN	89X0250	AL8091	ALGJ0006		2,006,388.00
EX2010450	YN	89X0250	AL8091	ALCH999943		37,000.00
EX2010600	YN	89X0250	AL8091	ALGJ0005		618,412.00
EX2040010	YN	89X0250	AL8091	ALUM0001		319,855.00
[redacted]X2040010	YN	89X0250	AL8091	ALUM0005		262,796.00
[redacted]X2040020	YN	89X0250	AL8091	ALUM0002		11,046,750.00
EX2050010	YN	89X0250	AL8091	ALUM2000		7,059,348.00
EX2050020	YN	89X0250	AL8091	ALUM2000		252,683.00
EX2062010	YN	89X0250	AL8091	ALGJ0001		70,000.00
EX2062020	YN	89X0250	AL8091	ALGJ0001		29,369.00
EW1001206	TE	89X0242	AL9291	ALAL1000SS		64,950.04
EW1001209	TE	89X0242	AL9291	ALAL1000SS		135,377.94
EW1001209	TE	89X0242	AL9291	ALHQ770		347,907.02
EW1001209	TE	89X0242	AL9291	HQ1070SS		373,662.30
EW02MM070	TE	89X0242	AL9291	ALHQ770GJ	(100,000.00)	750,000.00
EW04A7020	TE	89X0242	AL9291	ALSA0002		4,433.94
EW2010201	TE	89X0242	AL8291	ALSA0002		1,128.00
EW2010202	TE	89X0242	AL8291	ALSA0002		351,314.10
EW04AA990	TE	89X0242	AL9291	ALHQ999920		21,669.82
EW2010301	TE	89X0242	AL8291	ALHQ999920		216,120.00
EW2010301	TE	89X0242	AL8291	ALHQ999928		45,242.00
EW2010301	TE	89X0242	AL8291	ALHQ999939		83,144.00
EW04A1010	TE	89X0242	AL9291	ALHQ999938		4,841.48
EW2010402	TE	89X0242	AL8291	ALHQ999938		67,203.00
EW3110010	TE	89X0242	AL8291	ALAL2		577,272.00
EW3110010	TE	89X0242	AL8291	HQAL973101		138,798.00
EW3110010	TE	89X0242	AL8291	HQAL973301		266,286.00
EW3110010	TE	89X0242	AL8291	HQAL973401		39,400.00
[redacted]W3110010	TE	89X0242	AL8291	HQAL973501		296,500.00

6/22/99 13:29

Contract DE-AC13-96GJ87335
Modification A053
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
820101ID9	Y8	89X0224	AL9491	M800020/82DL		1,729.01
820101ID9	Y9	89X0224	AL9491	M9ID018/82ZE		4,500.00
820101ID9	YA	89X0224	AL8491	M700077		(1,732.00)
820101OH9	TE	89X0242	AL8291	M7G000006		55,349.00
820101RF9	TP	89X0251	AL9191	M9FKIW106/824U	(1,063.00)	449,606.00
820101RL9	TE	89X0242	AL9291	M0RAL90E03		625,000.00
820101RL9	TE	89X0242	AL8291	M7AL9OE03		2,065,288.00
820101RL9	TE	89X0242	AL9291	M7RAL90E03/82AT		1,799,066.18
820202RL9	TE	89X0242	AL9291	M0RAL90E03/822U		875,000.00
820101RL9	TE	89X0242	AL8291	M6ALJOEOA		384,093.00
820101RL9	TE	89X0242	AL8291	M7ALHOLE14		36,526.00
820201ALH	TC	89X0240	AL8091	GJ87460		31,565.00
				Modification Total	**(100,463.00)**	
				Contract Total		**$ 124,924,635.25**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
		1 | 2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
M052	See Block 16c	AN-NOPR	N/A

6. ISSUED BY CODE	7. ADMINISTERED BY *(If other than Item 6)* CODE
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567	Cheryl A. Thompson (970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED *(SEE ITEM 11)*
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
		10B. DATED *(SEE ITEM 13)* July 22, 1996
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
XX	D. OTHER *(Specify type of modification and authority)* **Unilateral, FAR 52.217-9, Option to Extend the Term of the Contract**

E. **IMPORTANT:** Contractor X is not, is required to sign this document and return___copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to exercise the second option period.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Cheryl A. Thompson Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
_____ *(Signature of person authorized to sign)*		BY Cheryl A. Thompson *(Signature of Contracting Officer)*	6/4/99

The purpose of this modification is to exercise the second option and extend the period of performance for 12 additional months.

1. Clause F.02, **PERIOD OF PERFORMANCE**, is revised to delete 48 months and replace it with 60 months and delete one (1) additional one-year periods. The clause will now read as follows:

F.02 PERIOD OF PERFORMANCE

The final completion of this contract, including completion and submission of all reports required by Part III, Section J, Attachment B, shall be 60 months after the effective date of this contract.

2. All other terms and conditions of this contract remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A051	See Block 16c	13-99GJ87335.523, 524	N/A

6. ISSUED BY CODE	7. ADMINISTERED BY *(If other than Item 6)* CODE
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567	Cheryl A. Thompson (970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED *(SEE ITEM 11)*
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
		10B. DATED *(SEE ITEM 13)* July 22, 1996
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
XX	D. OTHER *(Specify type of modification and authority)* **Unliateral, FAR 52.232-22 entitled "Limination of Funds."**

E. IMPORTANT: Contractor X is not, is required to sign this document and return____copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to obligate funds in the amount of $20,431.00.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Cheryl A. Thompson Contracting Officer	
15B. CONTRACTOR/OFFEROR _____ *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ *(Signature of Contracting Officer)*	16C. DATE SIGNED 5/31/99

3/99 10:46

Contract DE-AC13-96GJ87335
Modification A051

1. **SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS**

Clause B.02, Estimated Cost, Fixed and Award Fee, paragraph I is deleted in its entirety and replaced with the following.

a. The total amount allotted to this contract is $ 125,025,098.25 (Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1999.

2. **SECTION G - CONTRACT ADMINISTRATION DATA**

Paragraph G.08 is deleted in its entirely and replaced with the following.

G.08 Accounting and Appropriation Data (Please see attachment)

3 All other terms and conditions remain unchanged.

13/99 10:45

Contract DE-AC13-96GJ87335
Modification A051
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX05A1010	YN	89X0224	AL9091			26,748,797.00
EX05A1020	YN	89X0224	AL9091	AL024		1,200,000.00
EX05A8010	YN	89X0224	AL9091	AL023		6,996,452.86
EX05A8020	YN	89X0224	AL9091		40,431.00	1,000,798.83
EX2010101	YN	89X0250	AL8091	ALGJ0002		2,856,301.00
EX05AA990	YN	89X0224	AL9091	ALGJ1007		10,539.71
EX2010102	YN	89X0250	AL8091	ALGJ0002		43,998,880.52
EX2010301	YN	89X0250	AL8091	ALGJ1007		42,606.00
EX2010301	YN	89X0250	AL8091	ALHQ999928		19,470.00
EX2010402	YN	89X0250	AL8091	ALGJ0003		12,168.00
EX2010403	YN	89X0250	AL8091	ALGJ0003		420.00
EX2010450	YN	89X0250	AL8091	ALGJ0006		2,006,388.00
EX2010450	YN	89X0250	AL8091	ALCH999943		37,000.00
EX2010600	YN	89X0250	AL8091	ALGJ0005		618,412.00
EX2040010	YN	89X0250	AL8091	ALUM0001		319,855.00
X2040010	YN	89X0250	AL8091	ALUM0005		262,796.00
EX2040020	YN	89X0250	AL8091	ALUM0002		11,046,750.00
EX2050010	YN	89X0250	AL8091	ALUM2000		7,059,348.00
EX2050020	YN	89X0250	AL8091	ALUM2000		252,683.00
EX2062010	YN	89X0250	AL8091	ALGJ0001		70,000.00
EX2062020	YN	89X0250	AL8091	ALGJ0001		29,369.00
EW1001206	TE	89X0242	AL9291	ALAL1000SS		64,950.04
EW1001209	TE	89X0242	AL9291	ALAL1000SS		135,377.94
EW1001209	TE	89X0242	AL9291	ALHQ770		347,907.02
EW1001209	TE	89X0242	AL9291	HQ1070SS		373,662.30
EW02MM070	TE	89X0242	AL9291	ALHQ770GJ		850,000.00
EW04A7020	TE	89X0242	AL9291	ALSA0002		4,433.94
EW2010201	TE	89X0242	AL8291	ALSA0002		1,128.00
EW2010202	TE	89X0242	AL8291	ALSA0002		351,314.10
EW04AA990	TE	89X0242	AL9291	ALHQ999920		21,669.82
EW2010301	TE	89X0242	AL8291	ALHQ999920		216,120.00
EW2010301	TE	89X0242	AL8291	ALHQ999928		45,242.00
EW2010301	TE	89X0242	AL8291	ALHQ999939		83,144.00
EW04A1010	TE	89X0242	AL9291	ALHQ999938		4,841.48
EW2010402	TE	89X0242	AL8291	ALHQ999938		67,203.00
EW3110010	TE	89X0242	AL8291	ALAL2		577,272.00
EW3110010	TE	89X0242	AL8291	HQAL973101		138,798.00
EW3110010	TE	89X0242	AL8291	HQAL973301		266,286.00
EW3110010	TE	89X0242	AL8291	HQAL973401		39,400.00
W3110010	TE	89X0242	AL8291	HQAL973501		296,500.00

[redacted]3/99 10:45

Contract DE-AC13-96GJ87335
Modification A051
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW04AA010	TE	89X0242	AL9291	HQAL973101		192.01
EW04AA010	TE	89X0242	AL9291	HQAL973301		(1,437.00)
EW04AA010	TE	89X0242	AL9291	HQAL973401		46.00
EW04AA010	TE	89X0242	AL9291	HQAL973501		156.00
EW4040500	TE	89X0242	AL8291	AL06PS01		26,637.00
EW4040000	TE	89X0242	AL9291	AL06PS01		5,491.17
EW4040000	TE	89X0242	AL9291	AL07PS14		48.00
EW4040500	TE	89X0242	AL8291	AL07PS14		10,945.00
EW4010000	TE	89X0242	AL9291	AL08SD12	(20,000.00)	1,680,940.57
EW4055000	TE	89X0242	AL8291	AL08SD12		433,000.00
EW6020060	TE	89X0242	AL8291	HQ1005		76,589.00
EW02MM11A	TE	89X0242	AL9291	HQ1005		19,111.99
EW6020060	TE	89X0242	AL8291	HQ1017		200,000.00
EW7002010	TE	89X0242	AL8291	ALGJ6109A		1,019.00
[redacted]W04A6020	TE	89X0242	AL9291	ALPP8004		2,290,103.78
[redacted]7070302	TE	89X0242	AL8291	ALPP8004		679,188.00
EW7070303	TE	89X0242	AL8291	ALPP8004		2,376,944.00
EW7070700	TE	89X0242	AL8291	ALHQ770GJ		163,000.00
EW02MM080	TE	89X0242	AL9291	ALHQ770GJ		6,486.91
EW02MM080	TE	89X0242	AL9291	ALGJ7601		686.00
EW7070800	TE	89X0242	AL8291	ALGJ7601		120,151.00
EW7070800	TE	89X0242	AL8291	ALHQ770GJ		88,050.00
AF9500000	YA	89X0224	AL8491			95,600.00
CD1012010	XA	89X0226	AL8691			211,081.00
CD1015010	XA	89X0226	AL8691			49,077.00
CD1015020	XA	89X0226	AL8691			143,937.00
CD1012010	YA	89X0224	AL9491			535.00
CD1015010	YA	89X0224	AL9491			493.00
CD1015020	YA	89X0224	AL9491			243.00
DP0401050	TC	89X0240	AL8091			81,991.00
GG0701206	TF	89X0243	AL8391			0.02
GG0801000	TF	89X0243	AL8291			37,126.00
GG0803000	TF	89X0243	AL9391			554,123.87
KP1301010	WA	89X0222	AL9291			25,000.00
400403109	3T	89X0240	AL8093	NASCEMP9600023		630,232.02
400406000	3Y	89X0224	AL8493	6LA47490001		153,574.52
400408000	3Y	89X0224	AL9493	DW8995376701		45,922.64
820101ID9	TC	89X0240	AL8091	M700077		2,411.00
[redacted]20101ID9	TC	89X0240	AL8091	M7GJRAD		14,700.00
[redacted]0101ID9	TE	89X0242	AL8291	M700150		365.00

3/99 10:45

Contract DE-AC13-96GJ87335
Modification A051
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
820101ID9	Y8	89X0224	AL9491	M800020/82DL		1,729.01
820101ID9	Y9	89X0224	AL9491	M9ID018/82ZE		4,500.00
820101ID9	YA	89X0224	AL8491	M700077		(1,732.00)
820101OH9	TE	89X0242	AL8291	M7G000006		55,349.00
820101RF9	TP	89X0251	AL9191	M9FKIW106/824U		450,669.00
820101RL9	TE	89X0242	AL9291	M0RAL90E03		625,000.00
820101RL9	TE	89X0242	AL8291	M7AL9OE03		2,065,288.00
820101RL9	TE	89X0242	AL9291	M7RAL90E03/82AT		1,799,066.18
820202RL9	TE	89X0242	AL9291	M0RAL90E03/822U		875,000.00
820101RL9	TE	89X0242	AL8291	M6ALJOEOA		384,093.00
820101RL9	TE	89X0242	AL8291	M7ALHOLE14		36,526.00
820201ALH	TC	89X0240	AL8091	GJ87460		31,565.00
				Modification Total	**20,431.00**	
				Contract Total		**$ 125,025,098.25**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A050	See Block 16c	13-99GJ87335.520, 521, 522	N/A

6. BY CODE

U.S. Department of Energy
Grand Junction Office
2597 B3/4 Road
Grand Junction, CO 81502-2567

7. ADMINISTERED BY *(If other than Item 6)* CODE

Cheryl A. Thompson
(970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*

MACTEC-ERS
2597 B3/4 Road
Grand Junction, CO 81503

CODE FACILITY CODE

(✓)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
	10B. DATED *(SEE ITEM 13)* July 22, 1996

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
XX	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
	D. OTHER *(Specify type of modification and authority)* **Unilateral, FAR 52.232-22 entitled "Limination of Funds."**

E. IMPORTANT: Contractor is not, X is required to sign this document and return____copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to deobligate funds in the amount of ($589,729.00).

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
J. Quamme, Gen. Mgr.		Barbara E. Smith Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)	4/23/99	BY *(Signature of Contracting Officer)*	4/23/99

22/99 8:09

Contract DE-AC13-96GJ87335
Modification A050

1. **SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS**

Clause B.02, Estimated Cost, Fixed and Award Fee, paragraph I is deleted in its entirety and replaced with the following.

a. The total amount allotted to this contract is $ 125,004,667.25 (Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1999.

2. **SECTION G - CONTRACT ADMINISTRATION DATA**

Paragraph G.08 is deleted in its entirely and replaced with the following.

G.08 Accounting and Appropriation Data (Please see attachment)

3 All other terms and conditions remain unchanged.

[redacted]2/99 8:09

Contract DE-AC13-96GJ87335
Modification A050
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX05A1010	YN	89X0224	AL9091		(751,203.00)	26,748,797.00
EX05A1020	YN	89X0224	AL9091	AL024		1,200,000.00
EX05A8010	YN	89X0224	AL9091	AL023	(204,568.00)	6,996,452.86
EX05A8020	YN	89X0224	AL9091			960,367.83
EX2010101	YN	89X0250	AL8091	ALGJ0002		2,856,301.00
EX05AA990	YN	89X0224	AL9091	ALGJ1007		10,539.71
EX2010102	YN	89X0250	AL8091	ALGJ0002		43,998,880.52
EX2010301	YN	89X0250	AL8091	ALGJ1007		42,606.00
EX2010301	YN	89X0250	AL8091	ALHQ999928		19,470.00
EX2010402	YN	89X0250	AL8091	ALGJ0003		12,168.00
EX2010403	YN	89X0250	AL8091	ALGJ0003		420.00
EX2010450	YN	89X0250	AL8091	ALGJ0006		2,006,388.00
EX2010450	YN	89X0250	AL8091	ALCH999943		37,000.00
EX2010600	YN	89X0250	AL8091	ALGJ0005		618,412.00
[redacted]2040010	YN	89X0250	AL8091	ALUM0001		319,855.00
[redacted]2040010	YN	89X0250	AL8091	ALUM0005		262,796.00
EX2040020	YN	89X0250	AL8091	ALUM0002		11,046,750.00
EX2050010	YN	89X0250	AL8091	ALUM2000		7,059,348.00
EX2050020	YN	89X0250	AL8091	ALUM2000		252,683.00
EX2062010	YN	89X0250	AL8091	ALGJ0001		70,000.00
EX2062020	YN	89X0250	AL8091	ALGJ0001		29,369.00
EW1001206	TE	89X0242	AL9291	ALAL1000SS		64,950.04
EW1001209	TE	89X0242	AL9291	ALAL1000SS		135,377.94
EW1001209	TE	89X0242	AL9291	ALHQ770		347,907.02
EW1001209	TE	89X0242	AL9291	HQ1070SS		373,662.30
EW02MM070	TE	89X0242	AL9291	ALHQ770GJ		850,000.00
EW04A7020	TE	89X0242	AL9291	ALSA0002		4,433.94
EW2010201	TE	89X0242	AL8291	ALSA0002		1,128.00
EW2010202	TE	89X0242	AL8291	ALSA0002		351,314.10
EW04AA990	TE	89X0242	AL9291	ALHQ999920		21,669.82
EW2010301	TE	89X0242	AL8291	ALHQ999920		216,120.00
EW2010301	TE	89X0242	AL8291	ALHQ999928		45,242.00
EW2010301	TE	89X0242	AL8291	ALHQ999939		83,144.00
EW04A1010	TE	89X0242	AL9291	ALHQ999938		4,841.48
EW2010402	TE	89X0242	AL8291	ALHQ999938		67,203.00
EW3110010	TE	89X0242	AL8291	ALAL2		577,272.00
EW3110010	TE	89X0242	AL8291	HQAL973101		138,798.00
EW3110010	TE	89X0242	AL8291	HQAL973301		266,286.00
[redacted]W3110010	TE	89X0242	AL8291	HQAL973401		39,400.00
[redacted]W3110010	TE	89X0242	AL8291	HQAL973501		296,500.00

22/99 8:09

Contract DE-AC13-96GJ87335
Modification A050
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW04AA010	TE	89X0242	AL9291	HQAL973101		192.01
EW04AA010	TE	89X0242	AL9291	HQAL973301		(1,437.00)
EW04AA010	TE	89X0242	AL9291	HQAL973401		46.00
EW04AA010	TE	89X0242	AL9291	HQAL973501		156.00
EW4040500	TE	89X0242	AL8291	AL06PS01		26,637.00
EW4040000	TE	89X0242	AL9291	AL06PS01		5,491.17
EW4040000	TE	89X0242	AL9291	AL07PS14		48.00
EW4040500	TE	89X0242	AL8291	AL07PS14		10,945.00
EW4010000	TE	89X0242	AL9291	AL08SD12		1,700,940.57
EW4055000	TE	89X0242	AL8291	AL08SD12		433,000.00
EW6020060	TE	89X0242	AL8291	HQ1005		76,589.00
EW02MM11A	TE	89X0242	AL9291	HQ1005		19,111.99
EW6020060	TE	89X0242	AL8291	HQ1017		200,000.00
EW7002010	TE	89X0242	AL8291	ALGJ6109A		1,019.00
EW04A6020	TE	89X0242	AL9291	ALPP8004	(15,000.00)	2,290,103.78
EW7070302	TE	89X0242	AL8291	ALPP8004		679,188.00
EW7070303	TE	89X0242	AL8291	ALPP8004		2,376,944.00
EW7070700	TE	89X0242	AL8291	ALHQ770GJ		163,000.00
EW02MM080	TE	89X0242	AL9291	ALHQ770GJ		6,486.91
EW02MM080	TE	89X0242	AL9291	ALGJ7601		686.00
EW7070800	TE	89X0242	AL8291	ALGJ7601		120,151.00
EW7070800	TE	89X0242	AL8291	ALHQ770GJ		88,050.00
AF9500000	YA	89X0224	AL8491			95,600.00
CD1012010	XA	89X0226	AL8691			211,081.00
CD1015010	XA	89X0226	AL8691			49,077.00
CD1015020	XA	89X0226	AL8691			143,937.00
CD1012010	YA	89X0224	AL9491			535.00
CD1015010	YA	89X0224	AL9491			493.00
CD1015020	YA	89X0224	AL9491			243.00
DP0401050	TC	89X0240	AL8091			81,991.00
GG0701206	TF	89X0243	AL8391			0.02
GG0801000	TF	89X0243	AL8291			37,126.00
GG0803000	TF	89X0243	AL9391			554,123.87
KP1301010	WA	89X0222	AL9291			25,000.00
400403109	3T	89X0240	AL8093	NASCEMP9600023		630,232.02
400406000	3Y	89X0224	AL8493	6LA47490001		153,574.52
400408000	3Y	89X0224	AL9493	DW8995376701		45,922.64
820101ID9	TC	89X0240	AL8091	M700077		2,411.00
820101ID9	TC	89X0240	AL8091	M7GJRAD		14,700.00
820101ID9	TE	89X0242	AL8291	M700150		365.00

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
820101ID9	Y8	89X0224	AL9491	M800020/82DL		1,729.01
820101ID9	Y9	89X0224	AL9491	M9ID018/82ZE		4,500.00
820101ID9	YA	89X0224	AL8491	M700077		(1,732.00)
820101OH9	TE	89X0242	AL8291	M7G000006		55,349.00
820101RF9	TP	89X0251	AL9191	M9FKIW106/824U	381,042.00	450,669.00
820101RL9	TE	89X0242	AL9291	M0RAL90E03		625,000.00
820101RL9	TE	89X0242	AL8291	M7AL9OE03		2,065,288.00
820101RL9	TE	89X0242	AL9291	M7RAL90E03/82AT		1,799,066.18
820202RL9	TE	89X0242	AL9291	M0RAL90E03/822U		875,000.00
820101RL9	TE	89X0242	AL8291	M6ALJOEOA		384,093.00
820101RL9	TE	89X0242	AL8291	M7ALHOLE14		36,526.00
820201ALH	TC	89X0240	AL8091	GJ87460		31,565.00
				Modification Total	**(589,729.00)**	
				Contract Total		**$ 125,004,667.25**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A049	See Block 16c	13-99GJ87335.516, 518, 519	N/A

6. ISSUED BY CODE	7. ADMINISTERED BY *(If other than Item 6)* CODE
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567	Cheryl A. Thompson (970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*	(✓)	9A. AMENDMENT OF SOLICITATION NO.
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503		9B. DATED *(SEE ITEM 11)*
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
		10B. DATED *(SEE ITEM 13)* July 22, 1996
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
	D. OTHER *(Specify type of modification and authority)* **Unilateral, FAR 52.232-22 entitled "Limination of Funds."**

E. IMPORTANT: Contractor X is not, is required to sign this document and return____copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to obligate funds in the amount of $1,473,229.01.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Cheryl A. Thompson Contracting Officer	
15B. CONTRACTOR/OFFEROR *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY *(Signature of Contracting Officer)*	16C. DATE SIGNED 3/25/99

/99 14:13

Contract DE-AC13-96GJ87335
Modification A049

1. **SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS**

Clause B.02, Estimated Cost, Fixed and Award Fee, paragraph I is deleted in its entirety and replaced with the following.

a. The total amount allotted to this contract is $ 125,594,396.25 (Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1999.

2. **SECTION G - CONTRACT ADMINISTRATION DATA**

Paragraph G.08 is deleted in its entirely and replaced with the following.

G.08 **Accounting and Appropriation Data** (Please see attachment)

3 All other terms and conditions remain unchanged.

[redacted]23/99 8:04

Contract DE-AC13-96GJ87335
Modification A049
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX05A1010	YN	89X0224	AL9091			27,500,000.00
EX05A1020	YN	89X0224	AL9091	AL024		1,200,000.00
EX05A8010	YN	89X0224	AL9091	AL023		7,201,020.86
EX05A8020	YN	89X0224	AL9091		600,000.00	960,367.83
EX2010101	YN	89X0250	AL8091	ALGJ0002		2,856,301.00
EX05AA990	YN	89X0224	AL9091	ALGJ1007		10,539.71
EX2010102	YN	89X0250	AL8091	ALGJ0002		43,998,880.52
EX2010301	YN	89X0250	AL8091	ALGJ1007		42,606.00
EX2010301	YN	89X0250	AL8091	ALHQ999928		19,470.00
EX2010402	YN	89X0250	AL8091	ALGJ0003		12,168.00
EX2010403	YN	89X0250	AL8091	ALGJ0003		420.00
EX2010450	YN	89X0250	AL8091	ALGJ0006		2,006,388.00
EX2010450	YN	89X0250	AL8091	ALCH999943		37,000.00
EX2010600	YN	89X0250	AL8091	ALGJ0005		618,412.00
[redacted]2040010	YN	89X0250	AL8091	ALUM0001		319,855.00
[redacted]X2040010	YN	89X0250	AL8091	ALUM0005		262,796.00
EX2040020	YN	89X0250	AL8091	ALUM0002		11,046,750.00
EX2050010	YN	89X0250	AL8091	ALUM2000		7,059,348.00
EX2050020	YN	89X0250	AL8091	ALUM2000		252,683.00
EX2062010	YN	89X0250	AL8091	ALGJ0001		70,000.00
EX2062020	YN	89X0250	AL8091	ALGJ0001		29,369.00
EW1001206	TE	89X0242	AL9291	ALAL1000SS		64,950.04
EW1001209	TE	89X0242	AL9291	ALAL1000SS		135,377.94
EW1001209	TE	89X0242	AL9291	ALHQ770		347,907.02
EW1001209	TE	89X0242	AL9291	HQ1070SS		373,662.30
EW02MM070	TE	89X0242	AL9291	ALHQ770GJ		850,000.00
EW04A7020	TE	89X0242	AL9291	ALSA0002		4,433.94
EW2010201	TE	89X0242	AL8291	ALSA0002		1,128.00
EW2010202	TE	89X0242	AL8291	ALSA0002		351,314.10
EW04AA990	TE	89X0242	AL9291	ALHQ999920		21,669.82
EW2010301	TE	89X0242	AL8291	ALHQ999920		216,120.00
EW2010301	TE	89X0242	AL8291	ALHQ999928		45,242.00
EW2010301	TE	89X0242	AL8291	ALHQ999939		83,144.00
EW04A1010	TE	89X0242	AL9291	ALHQ999938		4,841.48
EW2010402	TE	89X0242	AL8291	ALHQ999938		67,203.00
EW3110010	TE	89X0242	AL8291	ALAL2		577,272.00
EW3110010	TE	89X0242	AL8291	HQAL973101		138,798.00
EW3110010	TE	89X0242	AL8291	HQAL973301		266,286.00
[redacted]V3110010	TE	89X0242	AL8291	HQAL973401		39,400.00
[redacted]W3110010	TE	89X0242	AL8291	HQAL973501		296,500.00

3/99 8:04

Contract DE-AC13-96GJ87335
Modification A049
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW04AA010	TE	89X0242	AL9291	HQAL973101		192.01
EW04AA010	TE	89X0242	AL9291	HQAL973301		(1,437.00)
EW04AA010	TE	89X0242	AL9291	HQAL973401		46.00
EW04AA010	TE	89X0242	AL9291	HQAL973501		156.00
EW4040500	TE	89X0242	AL8291	AL06PS01		26,637.00
EW4040000	TE	89X0242	AL9291	AL06PS01		5,491.17
EW4040000	TE	89X0242	AL9291	AL07PS14		48.00
EW4040500	TE	89X0242	AL8291	AL07PS14		10,945.00
EW4010000	TE	89X0242	AL9291	AL08SD12		1,700,940.57
EW4055000	TE	89X0242	AL8291	AL08SD12		433,000.00
EW6020060	TE	89X0242	AL8291	HQ1005		76,589.00
EW02MM11A	TE	89X0242	AL9291	HQ1005		19,111.99
EW6020060	TE	89X0242	AL8291	HQ1017		200,000.00
EW7002010	TE	89X0242	AL8291	ALGJ6109A		1,019.00
[redacted]04A6020	TE	89X0242	AL9291	ALPP8004		2,305,103.78
[redacted]7070302	TE	89X0242	AL8291	ALPP8004		679,188.00
EW7070303	TE	89X0242	AL8291	ALPP8004		2,376,944.00
EW7070700	TE	89X0242	AL8291	ALHQ770GJ		163,000.00
EW02MM080	TE	89X0242	AL9291	ALHQ770GJ		6,486.91
EW02MM080	TE	89X0242	AL9291	ALGJ7601		686.00
EW7070800	TE	89X0242	AL8291	ALGJ7601		120,151.00
EW7070800	TE	89X0242	AL8291	ALHQ770GJ		88,050.00
AF9500000	YA	89X0224	AL8491			95,600.00
CD1012010	XA	89X0226	AL8691			211,081.00
CD1015010	XA	89X0226	AL8691			49,077.00
CD1015020	XA	89X0226	AL8691			143,937.00
CD1012010	YA	89X0224	AL9491			535.00
CD1015010	YA	89X0224	AL9491			493.00
CD1015020	YA	89X0224	AL9491			243.00
DP0401050	TC	89X0240	AL8091			81,991.00
GG0701206	TF	89X0243	AL8391			0.02
GG0801000	TF	89X0243	AL8291			37,126.00
GG0803000	TF	89X0243	AL9391			554,123.87
KP1301010	WA	89X0222	AL9291			25,000.00
400403109	3T	89X0240	AL8093	NASCEMP9600023		630,232.02
400406000	3Y	89X0224	AL8493	6LA47490001		153,574.52
400408000	3Y	89X0224	AL9493	DW8995376701		45,922.64
820101ID9	TC	89X0240	AL8091	M700077		2,411.00
[redacted]0101ID9	TC	89X0240	AL8091	M7GJRAD		14,700.00
[redacted]20101ID9	TE	89X0242	AL8291	M700150		365.00

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
820101ID9	Y8	89X0224	AL9491	M800020/82DL	(1,770.99)	1,729.01
820101ID9	Y9	89X0224	AL9491	M9ID018/82ZE		4,500.00
820101ID9	YA	89X0224	AL8491	M700077		(1,732.00)
820101OH9	TE	89X0242	AL8291	M7G000006		55,349.00
820101RF9	TP	89X0251	AL9191	M9FKIW106/824U		69,627.00
820101RL9	TE	89X0242	AL9291	M0RAL90E03		625,000.00
820101RL9	TE	89X0242	AL8291	M7AL9OE03		2,065,288.00
820101RL9	TE	89X0242	AL9291	M7RAL90E03/82AT		1,799,066.18
820202RL9	TE	89X0242	AL9291	M0RAL90E03/822U	875,000.00	875,000.00
820101RL9	TE	89X0242	AL8291	M6ALJOEOA		384,093.00
820101RL9	TE	89X0242	AL8291	M7ALHOLE14		36,526.00
820201ALH	TC	89X0240	AL8091	GJ87460		31,565.00
				Modification Total	**1,473,229.01**	
				Contract Total		**$ 125,594,396.25**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE OF PAGES
	1 | 2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
A048	See Block 16c	13-99GJ87335.512, 513, 514, 515, 517	N/A

6. ISSUED BY	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567		Cheryl A. Thompson (970) 248-6043	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)		(✓)	9A. AMENDMENT OF SOLICITATION NO.
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
			10B. DATED (SEE ITEM 13) July 22, 1996
CODE	FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour [illegible]

12. ACCOUNTING AND APPROPRIATION DATA (If required)
Section G

ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
XX	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
	D. OTHER (Specify type of modification and authority) Unilateral, FAR 52.232-22 entitled "Limination of Funds."

E. IMPORTANT: Contractor X is not, is required to sign this document and return____copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to obligate funds in the amount of $1,491,854.86.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Cheryl A. Thompson Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Cheryl A. Thompson (Signature of Contracting Officer)	16C. DATE SIGNED 2/16/99

2/99 9:33

Contract DE-AC13-96GJ87335
Modification A048

1. **SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS**

Clause B.02, Estimated Cost, Fixed and Award Fee, paragraph I is deleted in its entirety and replaced with the following.

a. The total amount allotted to this contract is $ 124,121,167.24 (Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1999.

2. **SECTION G - CONTRACT ADMINISTRATION DATA**

Paragraph G.08 is deleted in its entirely and replaced with the following.

G.08 **Accounting and Appropriation Data** (Please see attachment)

3 All other terms and conditions remain unchanged.

[redacted]12/99 9:33

Contract DE-AC13-96GJ87335
Modification A048
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX05A1010	YN	89X0224	AL9091			27,500,000.00
EX05A1020	YN	89X0224	AL9091	AL024	100,000.00	1,200,000.00
EX05A8010	YN	89X0224	AL9091	AL023	1,020.86	7,201,020.86
EX05A8020	YN	89X0224	AL9091		140,000.00	360,367.83
EX2010101	YN	89X0250	AL8091	ALGJ0002		2,856,301.00
EX05AA990	YN	89X0224	AL9091	ALGJ1007		10,539.71
EX2010102	YN	89X0250	AL8091	ALGJ0002		43,998,880.52
EX2010301	YN	89X0250	AL8091	ALGJ1007		42,606.00
EX2010301	YN	89X0250	AL8091	ALHQ999928		19,470.00
EX2010402	YN	89X0250	AL8091	ALGJ0003		12,168.00
EX2010403	YN	89X0250	AL8091	ALGJ0003		420.00
EX2010450	YN	89X0250	AL8091	ALGJ0006		2,006,388.00
EX2010450	YN	89X0250	AL8091	ALCH999943		37,000.00
EX2010600	YN	89X0250	AL8091	ALGJ0005		618,412.00
EX2040010	YN	89X0250	AL8091	ALUM0001		319,855.00
EX2040010	YN	89X0250	AL8091	ALUM0005		262,796.00
EX2040020	YN	89X0250	AL8091	ALUM0002		11,046,750.00
EX2050010	YN	89X0250	AL8091	ALUM2000		7,059,348.00
EX2050020	YN	89X0250	AL8091	ALUM2000		252,683.00
EX2062010	YN	89X0250	AL8091	ALGJ0001		70,000.00
EX2062020	YN	89X0250	AL8091	ALGJ0001		29,369.00
EW1001206	TE	89X0242	AL9291	ALAL1000SS		64,950.04
EW1001209	TE	89X0242	AL9291	ALAL1000SS		135,377.94
EW1001209	TE	89X0242	AL9291	ALHQ770	153,667.00	347,907.02
EW1001209	TE	89X0242	AL9291	HQ1070SS	253,667.00	373,662.30
EW02MM070	TE	89X0242	AL9291	ALHQ770GJ	850,000.00	850,000.00
EW04A7020	TE	89X0242	AL9291	ALSA0002		4,433.94
EW2010201	TE	89X0242	AL8291	ALSA0002		1,128.00
EW2010202	TE	89X0242	AL8291	ALSA0002		351,314.10
EW04AA990	TE	89X0242	AL9291	ALHQ999920		21,669.82
EW2010301	TE	89X0242	AL8291	ALHQ999920		216,120.00
EW2010301	TE	89X0242	AL8291	ALHQ999928		45,242.00
EW2010301	TE	89X0242	AL8291	ALHQ999939		83,144.00
EW04A1010	TE	89X0242	AL9291	ALHQ999938		4,841.48
EW2010402	TE	89X0242	AL8291	ALHQ999938		67,203.00
EW3110010	TE	89X0242	AL8291	ALAL2		577,272.00
EW3110010	TE	89X0242	AL8291	HQAL973101		138,798.00
EW3110010	TE	89X0242	AL8291	HQAL973301		266,286.00
EW3110010	TE	89X0242	AL8291	HQAL973401		39,400.00
EW3110010	TE	89X0242	AL8291	HQAL973501		296,500.00

[redacted]/99 9:33

Contract DE-AC13-96GJ87335
Modification A048
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW04AA010	TE	89X0242	AL9291	HQAL973101		192.01
EW04AA010	TE	89X0242	AL9291	HQAL973301		(1,437.00)
EW04AA010	TE	89X0242	AL9291	HQAL973401		46.00
EW04AA010	TE	89X0242	AL9291	HQAL973501		156.00
EW4040500	TE	89X0242	AL8291	AL06PS01		26,637.00
EW4040000	TE	89X0242	AL9291	AL06PS01		5,491.17
EW4040000	TE	89X0242	AL9291	AL07PS14		48.00
EW4040500	TE	89X0242	AL8291	AL07PS14		10,945.00
EW4010000	TE	89X0242	AL9291	AL08SD12		1,700,940.57
EW4055000	TE	89X0242	AL8291	AL08SD12		433,000.00
EW6020060	TE	89X0242	AL8291	HQ1005		76,589.00
EW02MM11A	TE	89X0242	AL9291	HQ1005		19,111.99
EW6020060	TE	89X0242	AL8291	HQ1017		200,000.00
EW7002010	TE	89X0242	AL8291	ALGJ6109A		1,019.00
[redacted]W04A6020	TE	89X0242	AL9291	ALPP8004	(6,500.00)	2,305,103.78
EW7070302	TE	89X0242	AL8291	ALPP8004		679,188.00
EW7070303	TE	89X0242	AL8291	ALPP8004		2,376,944.00
EW7070700	TE	89X0242	AL8291	ALHQ770GJ		163,000.00
EW02MM080	TE	89X0242	AL9291	ALHQ770GJ		6,486.91
EW02MM080	TE	89X0242	AL9291	ALGJ7601		686.00
EW7070800	TE	89X0242	AL8291	ALGJ7601		120,151.00
EW7070800	TE	89X0242	AL8291	ALHQ770GJ		88,050.00
AF9500000	YA	89X0224	AL8491			95,600.00
CD1012010	XA	89X0226	AL8691			211,081.00
CD1015010	XA	89X0226	AL8691			49,077.00
CD1015020	XA	89X0226	AL8691			143,937.00
CD1012010	YA	89X0224	AL9491			535.00
CD1015010	YA	89X0224	AL9491			493.00
CD1015020	YA	89X0224	AL9491			243.00
DP0401050	TC	89X0240	AL8091			81,991.00
GG0701206	TF	89X0243	AL8391			0.02
GG0801000	TF	89X0243	AL8291			37,126.00
GG0803000	TF	89X0243	AL9391			554,123.87
KP1301010	WA	89X0222	AL9291			25,000.00
400403109	3T	89X0240	AL8093	NASCEMP9600023		630,232.02
400406000	3Y	89X0224	AL8493	6LA47490001		153,574.52
400408000	3Y	89X0224	AL9493	DW8995376701		45,922.64
[redacted]820101ID9	TC	89X0240	AL8091	M700077		2,411.00
[redacted]20101ID9	TC	89X0240	AL8091	M7GJRAD		14,700.00
[redacted]820101ID9	TE	89X0242	AL8291	M700150		365.00

2/99 9:33

Contract DE-AC13-96GJ87335
Modification A048
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
820101ID9	Y8	89X0224	AL8491	M800020		3,500.00
820101ID9	Y9	89X0224	AL9491	M9ID018/82ZE		4,500.00
820101ID9	YA	89X0224	AL8491	M700077		(1,732.00)
820101OH9	TE	89X0242	AL8291	M7G000006		55,349.00
820101RF9	TP	89X0251	AL9191	M9FKIW106/824U		69,627.00
820101RL9	TE	89X0242	AL9291	M0RAL90E03		625,000.00
820101RL9	TE	89X0242	AL8291	M7AL9OE03		2,065,288.00
820101RL9	TE	89X0242	AL9291	M7RAL90E03/82AT		1,799,066.18
820101RL9	TE	89X0242	AL8291	M6ALJOEOA		384,093.00
820101RL9	TE	89X0242	AL8291	M7ALHOLE14		36,526.00
820201ALH	TC	89X0240	AL8091	GJ87460		31,565.00
				Modification Total	1,491,854.86	
				Contract Total		$ 124,121,167.24

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 2

2. AMENDMENT/MODIFICATION NO. A047	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. 13-99GJ87335.508, 509, 510, 511	5. PROJECT NO. (If applicable) N/A

6. ISSUED BY CODE	7. ADMINISTERED BY (If other than Item 6) CODE
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567	Cheryl A. Thompson (970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR (No., street, country, State, and ZIP Code)	(✓)	9A. AMENDMENT OF SOLICITATION NO.
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
CODE FACILITY CODE		10B. DATED (SEE ITEM 13) July 22, 1996

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Section G

	IT APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
XX	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
	D. OTHER (Specify type of modification and authority) Unliateral, FAR 52.232-22 entitled "Limination of Funds."

E. IMPORTANT: Contractor X is not, is required to sign this document and return____copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to obligate funds in the amount of $206,615.73.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Cheryl A. Thompson Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 1/21/99

5/99 11:59

Contract DE-AC13-96GJ87335
Modification A047

1. SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

Clause B.02, Estimated Cost, Fixed and Award Fee, paragraph I is deleted in its entirety and replaced with the following.

a. The total amount allotted to this contract is $ 122,629,312.38 (Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1999.

2. SECTION G - CONTRACT ADMINISTRATION DATA

Paragraph G.08 is deleted in its entirely and replaced with the following.

G.08 Accounting and Appropriation Data (Please see attachment)

3 All other terms and conditions remain unchanged.

5/99 11:59

Contract DE-AC13-96GJ87335
Modification A047
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX05A1010	YN	89X0224	AL9091			27,500,000.00
EX05A1020	YN	89X0224	AL9091			1,100,000.00
EX05A8010	YN	89X0224	AL9091			7,200,000.00
EX05A8020	YN	89X0224	AL9091		(148,977.00)	220,367.83
EX2010101	YN	89X0250	AL8091	ALGJ0002		2,856,301.00
EX05AA990	YN	89X0224	AL9091	ALGJ1007	10,539.71	10,539.71
EX2010102	YN	89X0250	AL8091	ALGJ0002		43,998,880.52
EX2010301	YN	89X0250	AL8091	ALGJ1007		42,606.00
EX2010301	YN	89X0250	AL8091	ALHQ999928		19,470.00
EX2010402	YN	89X0250	AL8091	ALGJ0003		12,168.00
EX2010403	YN	89X0250	AL8091	ALGJ0003		420.00
EX2010450	YN	89X0250	AL8091	ALGJ0006		2,006,388.00
EX2010450	YN	89X0250	AL8091	ALCH999943		37,000.00
EX2010600	YN	89X0250	AL8091	ALGJ0005		618,412.00
EX2040010	YN	89X0250	AL8091	ALUM0001		319,855.00
X2040010	YN	89X0250	AL8091	ALUM0005		262,796.00
EX2040020	YN	89X0250	AL8091	ALUM0002		11,046,750.00
EX2050010	YN	89X0250	AL8091	ALUM2000		7,059,348.00
EX2050020	YN	89X0250	AL8091	ALUM2000		252,683.00
EX2062010	YN	89X0250	AL8091	ALGJ0001		70,000.00
EX2062020	YN	89X0250	AL8091	ALGJ0001		29,369.00
EW1001206	TE	89X0242	AL9291	ALAL1000SS	5,568.04	64,950.04
EW1001209	TE	89X0242	AL9291	ALAL1000SS	115.94	135,377.94
EW1001209	TE	89X0242	AL9291	ALHQ770	344.02	194,240.02
EW1001209	TE	89X0242	AL9291	HQ1070SS	1,995.30	119,995.30
EW04A7020	TE	89X0242	AL9291	ALSA0002	4,433.94	4,433.94
EW2010201	TE	89X0242	AL8291	ALSA0002		1,128.00
EW2010202	TE	89X0242	AL8291	ALSA0002		351,314.10
EW04AA990	TE	89X0242	AL9291	ALHQ999920	21,669.82	21,669.82
EW2010301	TE	89X0242	AL8291	ALHQ999920		216,120.00
EW2010301	TE	89X0242	AL8291	ALHQ999928		45,242.00
EW2010301	TE	89X0242	AL8291	ALHQ999939		83,144.00
EW04A1010	TE	89X0242	AL9291	ALHQ999938	4,841.48	4,841.48
EW2010402	TE	89X0242	AL8291	ALHQ999938		67,203.00
EW3110010	TE	89X0242	AL8291	ALAL2		577,272.00
EW3110010	TE	89X0242	AL8291	HQAL973101		138,798.00
EW3110010	TE	89X0242	AL8291	HQAL973301		266,286.00
EW3110010	TE	89X0242	AL8291	HQAL973401		39,400.00
EW3110010	TE	89X0242	AL8291	HQAL973501		296,500.00
W04AA010	TE	89X0242	AL9291	HQAL973101	192.01	192.01

15/99 11:59

Contract DE-AC13-96GJ87335
Modification A047
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW04AA010	TE	89X0242	AL9291	HQAL973301	(1,437.00)	(1,437.00)
EW04AA010	TE	89X0242	AL9291	HQAL973401	46.00	46.00
EW04AA010	TE	89X0242	AL9291	HQAL973501	156.00	156.00
EW4040500	TE	89X0242	AL8291	AL06PS01		26,637.00
EW4040000	TE	89X0242	AL9291	AL06PS01	491.17	5,491.17
EW4040000	TE	89X0242	AL9291	AL07PS14	48.00	48.00
EW4040500	TE	89X0242	AL8291	AL07PS14		10,945.00
EW4010000	TE	89X0242	AL9291	AL08SD12	1,940.57	1,700,940.57
EW4055000	TE	89X0242	AL8291	AL08SD12		433,000.00
EW6020060	TE	89X0242	AL8291	HQ1005		76,589.00
EW02MM11A	TE	89X0242	AL9291	HQ1005	19,111.99	19,111.99
EW6020060	TE	89X0242	AL8291	HQ1017		200,000.00
EW7002010	TE	89X0242	AL8291	ALGJ6109A		1,019.00
EW04A6020	TE	89X0242	AL9291	ALPP8004	15,603.78	2,311,603.78
EW7070302	TE	89X0242	AL8291	ALPP8004		679,188.00
EW7070303	TE	89X0242	AL8291	ALPP8004		2,376,944.00
EW7070700	TE	89X0242	AL8291	ALHQ770GJ		163,000.00
EW02MM080	TE	89X0242	AL9291	ALHQ770GJ	6,486.91	6,486.91
EW02MM080	TE	89X0242	AL9291	ALGJ7601	686.00	686.00
EW7070800	TE	89X0242	AL8291	ALGJ7601		120,151.00
EW7070800	TE	89X0242	AL8291	ALHQ770GJ		88,050.00
AF9500000	YA	89X0224	AL8491			95,600.00
CD1012010	XA	89X0226	AL8691			211,081.00
CD1015010	XA	89X0226	AL8691			49,077.00
CD1015020	XA	89X0226	AL8691			143,937.00
CD1012010	YA	89X0224	AL9491		535.00	535.00
CD1015010	YA	89X0224	AL9491		493.00	493.00
CD1015020	YA	89X0224	AL9491		243.00	243.00
DP0401050	TC	89X0240	AL8091			81,991.00
GG0701206	TF	89X0243	AL8391			0.02
GG0801000	TF	89X0243	AL8291			37,126.00
GG0803000	TF	89X0243	AL9391		98,933.87	554,123.87
KP1301010	WA	89X0222	AL9291		25,000.00	25,000.00
400403109	3T	89X0240	AL8093	NASCEMP9600023		630,232.02
400406000	3Y	89X0224	AL8493	6LA47490001		153,574.52
400408000	3Y	89X0224	AL9493	DW8995376701	5,788.00	45,922.64
820101ID9	TC	89X0240	AL8091	M700077		2,411.00
820101ID9	TC	89X0240	AL8091	M7GJRAD		14,700.00
820101ID9	TE	89X0242	AL8291	M700150		365.00
820101ID9	Y8	89X0224	AL8491	M800020		3,500.00

5/99 11:59

Contract DE-AC13-96GJ87335
Modification A047
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
820101ID9	Y9	89X0224	AL9491	M9ID018/82ZE		4,500.00
820101ID9	YA	89X0224	AL8491	M700077		(1,732.00)
820101OH9	TE	89X0242	AL8291	M7G000006		55,349.00
820101RF9	TP	89X0251	AL9191	M9FKIW106/824U	69,627.00	69,627.00
820101RL9	TE	89X0242	AL9291	M0RAL90E03		625,000.00
820101RL9	TE	89X0242	AL8291	M7AL9OE03		2,065,288.00
820101RL9	TE	89X0242	AL9291	M7RAL90E03/82AT	62,139.18	1,799,066.18
820101RL9	TE	89X0242	AL8291	M6ALJOEOA		384,093.00
820101RL9	TE	89X0242	AL8291	M7ALHOLE14		36,526.00
820201ALH	TC	89X0240	AL8091	GJ87460		31,565.00
				Modification Total	**206,615.73**	
				Contract Total		**$ 122,629,312.38**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A046	See Block 16c	13-99GJ87335.507	N/A

6. BY	CODE	7. ADMINISTERED BY *(If other than Item 6)*	CODE
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567		Cheryl A. Thompson (970) 248-6043	

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED *(SEE ITEM 11)*
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
		10B. DATED *(SEE ITEM 13)* July 22, 1996
CODE / FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

	ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
XX	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
	D. OTHER *(Specify type of modification and authority)* **Unliateral, FAR 52.232-22 entitled "Limination of Funds."**

E. IMPORTANT: Contractor X is not, is required to sign this document and return____copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to obligate funds in the amount of $27,401,000.00.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Cheryl A. Thompson Contracting Officer	
CONTRACTOR/OFFEROR _____ *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ *(Signature of Contracting Officer)*	16C. DATE SIGNED 12/16/98

1. SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

Clause B.02, Estimated Cost, Fixed and Award Fee, paragraph I is deleted in its entirety and replaced with the following.

a. The total amount allotted to this contract is $ 122,422,696.65 (Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1999.

2. SECTION G - CONTRACT ADMINISTRATION DATA

Paragraph G.08 is deleted in its entirely and replaced with the following.

G.08 Accounting and Appropriation Data (Please see attachment)

3 All other terms and conditions remain unchanged.

2/16/98 13:02

Contract DE-AC13-96GJ87335
Modification A046
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX05A1010	YN	89X0224	AL9091		19,500,000.00	27,500,000.00
EX05A1020	YN	89X0224	AL9091		600,000.00	1,100,000.00
EX05A8010	YN	89X0224	AL9091		5,700,000.00	7,200,000.00
EX05A8020	YN	89X0224	AL9091		150,000.00	369,344.83
EX2010101	YN	89X0250	AL8091	ALGJ0002		2,856,301.00
EX2010102	YN	89X0250	AL8091	ALGJ0002		43,998,880.52
EX2010301	YN	89X0250	AL8091	ALGJ1007		42,606.00
EX2010301	YN	89X0250	AL8091	ALHQ999928		19,470.00
EX2010402	YN	89X0250	AL8091	ALGJ0003		12,168.00
EX2010403	YN	89X0250	AL8091	ALGJ0003		420.00
EX2010450	YN	89X0250	AL8091	ALGJ0006		2,006,388.00
EX2010450	YN	89X0250	AL8091	ALCH999943		37,000.00
EX2010600	YN	89X0250	AL8091	ALGJ0005		618,412.00
EX2040010	YN	89X0250	AL8091	ALUM0001		319,855.00
EX2040010	YN	89X0250	AL8091	ALUM0005		262,796.00
EX2040020	YN	89X0250	AL8091	ALUM0002		11,046,750.00
EX2050010	YN	89X0250	AL8091	ALUM2000		7,059,348.00
EX2050020	YN	89X0250	AL8091	ALUM2000		252,683.00
EX2062010	YN	89X0250	AL8091	ALGJ0001		70,000.00
EX2062020	YN	89X0250	AL8091	ALGJ0001		29,369.00
EW04A6020	TE	89X0242	AL9291		1,446,000.00	2,296,000.00
EW1001206	TE	89X0242	AL8291	ALAL1000SS		59,382.00
EW1001209	TE	89X0242	AL8291	ALAL1000SS		135,262.00
EW1001209	TE	89X0242	AL8291	ALHQ770		193,896.00
EW1001209	TE	89X0242	AL8291	HQ1070SS		118,000.00
EW2010201	TE	89X0242	AL8291	ALSA0002		1,128.00
EW2010202	TE	89X0242	AL8291	ALSA0002		351,314.10
EW2010301	TE	89X0242	AL8291	ALHQ999920		216,120.00
EW2010301	TE	89X0242	AL8291	ALHQ999928		45,242.00
EW2010301	TE	89X0242	AL8291	ALHQ999939		83,144.00
EW2010402	TE	89X0242	AL8291	ALHQ999938		67,203.00
EW3110010	TE	89X0242	AL8291	ALAL2		577,272.00
EW3110010	TE	89X0242	AL8291	HQAL973101		138,798.00
EW3110010	TE	89X0242	AL8291	HQAL973301		266,286.00
EW3110010	TE	89X0242	AL8291	HQAL973401		39,400.00
EW3110010	TE	89X0242	AL8291	HQAL973501		296,500.00
EW4010000	TE	89X0242	AL9291	AL08SD12		1,699,000.00
EW4040000	TE	89X0242	AL9291	AL06PS01	5,000.00	5,000.00
EW4040500	TE	89X0242	AL8291	AL06PS01		26,637.00
EW4040500	TE	89X0242	AL8291	AL07PS14		10,945.00

16/98 13:02

Contract DE-AC13-96GJ87335
Modification A046
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW4055000	TE	89X0242	AL8291	AL08SD12		433,000.00
EW6020060	TE	89X0242	AL8291	HQ1005		76,589.00
EW6020060	TE	89X0242	AL8291	HQ1017		200,000.00
EW7002010	TE	89X0242	AL8291	ALGJ6109A		1,019.00
EW7070302	TE	89X0242	AL8291	ALPP8004		679,188.00
EW7070303	TE	89X0242	AL8291	ALPP8004		2,376,944.00
EW7070700	TE	89X0242	AL8291	ALHQ770GJ		163,000.00
EW7070800	TE	89X0242	AL8291	ALGJ7601		120,151.00
EW7070800	TE	89X0242	AL8291	ALHQ770GJ		88,050.00
AF9500000	YA	89X0224	AL8491			95,600.00
CD1012010	XA	89X0226	AL8691			211,081.00
CD1015010	XA	89X0226	AL8691			49,077.00
CD1015020	XA	89X0226	AL8691			143,937.00
DP0401050	TC	89X0240	AL8091			81,991.00
GG0701206	TF	89X0243	AL8391			0.02
G0801000	TF	89X0243	AL8291			37,126.00
G0803000	TF	89X0243	AL8391			455,190.00
400403109	3T	89X0240	AL8093	NASCEMP9600023		630,232.02
400406000	3Y	89X0224	AL8493	6LA47490001		153,574.52
400408000	3Y	89X0224	AL8493	DW8995376701		40,134.64
820101ID9	TC	89X0240	AL8091	M700077		2,411.00
820101ID9	TC	89X0240	AL8091	M7GJRAD		14,700.00
820101ID9	TE	89X0242	AL8291	M700150		365.00
820101ID9	Y8	89X0224	AL8491	M800020		3,500.00
820101ID9	Y9	89X0224	AL9491	M9ID018/82ZE		4,500.00
820101ID9	YA	89X0224	AL8491	M700077		(1,732.00)
820101OH9	TE	89X0242	AL8291	M7G000006		55,349.00
820101RL9	TE	89X0242	AL9291	M0RAL90E03		625,000.00
820101RL9	TE	89X0242	AL8291	M7AL9OE03		2,065,288.00
820101RL9	TE	89X0242	AL8291	M7RAL90E03		1,736,927.00
820101RL9	TE	89X0242	AL8291	M6ALJOEOA		384,093.00
820101RL9	TE	89X0242	AL8291	M7ALHOLE14		36,526.00
820201ALH	TC	89X0240	AL8091	GJ87460		31,565.00
				Modification Total	**27,401,000.00**	
				Contract Total		**$ 122,422,696.65**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A045	See Block 16c	13-99GJ87335.504,505,506	N/A

6. BY CODE

U.S. Department of Energy
Grand Junction Office
2597 B3/4 Road
Grand Junction, CO 81502-2567

7. ADMINISTERED BY *(If other than Item 6)* CODE

Cheryl A. Thompson
(970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*

MACTEC-ERS
2597 B3/4 Road
Grand Junction, CO 81503

CODE FACILITY CODE

(✓)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
	10B. DATED *(SEE ITEM 13)* July 22, 1996

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
XX	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
	D. OTHER *(Specify type of modification and authority)* Unliateral, FAR 52.232-22 entitled "Limination of Funds."

E. IMPORTANT: Contractor X is not, is required to sign this document and return____copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to obligate funds in the amount of $2,974,000.00.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Barbara E. Smith, Contracting Officer	
15B. CONTRACTOR/OFFEROR _____ *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Barbara E Smith *(Signature of Contracting Officer)*	16C. DATE SIGNED 11/25/98

1. SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

Clause B.02, Estimated Cost, Fixed and Award Fee, paragraph I is deleted in its entirety and replaced with the following.

a. The total amount allotted to this contract is $ 95,021,696.65 (Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1998.

2. SECTION G - CONTRACT ADMINISTRATION DATA

Paragraph G.08 is deleted in its entirely and replaced with the following.

G.08 Accounting and Appropriation Data (Please see attachment)

3 All other terms and conditions remain unchanged.

/20/98 7:43

Contract DE-AC13-96GJ87335
Modification A045
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX05A1010	YN	89X0224	AL9091			8,000,000.00
EX05A1020	YN	89X0224	AL9091		500,000.00	500,000.00
EX05A8010	YN	89X0224	AL9091			1,500,000.00
EX05A8020	YN	89X0224	AL9091		150,000.00	219,344.83
EX2010101	YN	89X0250	AL8091	ALGJ0002		2,856,301.00
EX2010102	YN	89X0250	AL8091	ALGJ0002		43,998,880.52
EX2010301	YN	89X0250	AL8091	ALGJ1007		42,606.00
EX2010301	YN	89X0250	AL8091	ALHQ999928		19,470.00
EX2010402	YN	89X0250	AL8091	ALGJ0003		12,168.00
EX2010403	YN	89X0250	AL8091	ALGJ0003		420.00
EX2010450	YN	89X0250	AL8091	ALGJ0006		2,006,388.00
EX2010450	YN	89X0250	AL8091	ALCH999943		37,000.00
EX2010600	YN	89X0250	AL8091	ALGJ0005		618,412.00
EX2040010	YN	89X0250	AL8091	ALUM0001		319,855.00
EX2040010	YN	89X0250	AL8091	ALUM0005		262,796.00
X2040020	YN	89X0250	AL8091	ALUM0002		11,046,750.00
EX2050010	YN	89X0250	AL8091	ALUM2000		7,059,348.00
EX2050020	YN	89X0250	AL8091	ALUM2000		252,683.00
EX2062010	YN	89X0250	AL8091	ALGJ0001		70,000.00
EX2062020	YN	89X0250	AL8091	ALGJ0001		29,369.00
EW04A6020	TE	89X0243	AL9291			850,000.00
EW1001206	TE	89X0242	AL8291	ALAL1000SS		59,382.00
EW1001209	TE	89X0242	AL8291	ALAL1000SS		135,262.00
EW1001209	TE	89X0242	AL8291	ALHQ770		193,896.00
EW1001209	TE	89X0242	AL8291	HQ1070SS		118,000.00
EW2010201	TE	89X0242	AL8291	ALSA0002		1,128.00
EW2010202	TE	89X0242	AL8291	ALSA0002		351,314.10
EW2010301	TE	89X0242	AL8291	ALHQ999920		216,120.00
EW2010301	TE	89X0242	AL8291	ALHQ999928		45,242.00
EW2010301	TE	89X0242	AL8291	ALHQ999939		83,144.00
EW2010402	TE	89X0242	AL8291	ALHQ999938		67,203.00
EW3110010	TE	89X0242	AL8291	ALAL2		577,272.00
EW3110010	TE	89X0242	AL8291	HQAL973101		138,798.00
EW3110010	TE	89X0242	AL8291	HQAL973301		266,286.00
EW3110010	TE	89X0242	AL8291	HQAL973401		39,400.00
EW3110010	TE	89X0242	AL8291	HQAL973501		296,500.00
EW4010000	TE	89X0242	AL9291	AL08SD12	1,699,000.00	1,699,000.00
EW4040500	TE	89X0242	AL8291	AL06PS01		26,637.00
EW4040500	TE	89X0242	AL8291	AL07PS14		10,945.00
W4055000	TE	89X0242	AL8291	AL08SD12		433,000.00

20/98 7:43

Contract DE-AC13-96GJ87335
Modification A045
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW6020060	TE	89X0242	AL8291	HQ1005		76,589.00
EW6020060	TE	89X0242	AL8291	HQ1017		200,000.00
EW7002010	TE	89X0242	AL8291	ALGJ6109A		1,019.00
EW7070302	TE	89X0242	AL8291	ALPP8004		679,188.00
EW7070303	TE	89X0242	AL8291	ALPP8004		2,376,944.00
EW7070700	TE	89X0242	AL8291	ALHQ770GJ		163,000.00
EW7070800	TE	89X0242	AL8291	ALGJ7601		120,151.00
EW7070800	TE	89X0242	AL8291	ALHQ770GJ		88,050.00
AF9500000	YA	89X0224	AL8491			95,600.00
CD1012010	XA	89X0226	AL8691			211,081.00
CD1015010	XA	89X0226	AL8691			49,077.00
CD1015020	XA	89X0226	AL8691			143,937.00
DP0401050	TC	89X0240	AL8091			81,991.00
GG0701206	TF	89X0243	AL8391			0.02
GG0801000	TF	89X0243	AL8291			37,126.00
GG0803000	TF	89X0243	AL8391			455,190.00
400403109	3T	89X0240	AL8093	NASCEMP9600023		630,232.02
400406000	3Y	89X0224	AL8493	6LA47490001		153,574.52
400408000	3Y	89X0224	AL8493	DW8995376701		40,134.64
820101ID9	TC	89X0240	AL8091	M700077		2,411.00
820101ID9	TC	89X0240	AL8091	M7GJRAD		14,700.00
820101ID9	TE	89X0242	AL8291	M700150		365.00
820101ID9	Y8	89X0224	AL8491	M800020		3,500.00
820101ID9	Y9	89X0224	AL9491	M9ID018/82ZE		4,500.00
820101ID9	YA	89X0224	AL8491	M700077		(1,732.00)
820101OH9	TE	89X0242	AL8291	M7G000006		55,349.00
820101RL9	TE	89X0242	AL9291	M0RAL90E03	625,000.00	625,000.00
820101RL9	TE	89X0242	AL8291	M7AL9OE03		2,065,288.00
820101RL9	TE	89X0242	AL8291	M7RAL90E03		1,736,927.00
820101RL9	TE	89X0242	AL8291	M6ALJOEOA		384,093.00
820101RL9	TE	89X0242	AL8291	M7ALHOLE14		36,526.00
820201ALH	TC	89X0240	AL8091	GJ87460		31,565.00
				Modification Total	**2,974,000.00**	
				Contract Total		**$ 95,021,696.65**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 2

2. AMENDMENT/MODIFICATION NO. A044	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. 13-99GJ87335.501,502,503	5. PROJECT NO. *(If applicable)* N/A

6. BY CODE

U.S. Department of Energy
Grand Junction Office
2597 B3/4 Road
Grand Junction, CO 81502-2567

7. ADMINISTERED BY *(If other than Item 6)* CODE

Cheryl A. Thompson
(970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*

MACTEC-ERS
2597 B3/4 Road
Grand Junction, CO 81503

CODE FACILITY CODE

(✓)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
	10B. DATED *(SEE ITEM 13)* July 22, 1996

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

	EM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
XX	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
	D. OTHER *(Specify type of modification and authority)* Unliateral, FAR 52.232-22 entitled "Limination of Funds."

E. IMPORTANT: Contractor X is not, is required to sign this document and return____copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to obligate funds in the amount of $10,423,844.83.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Cheryl A. Thompson Contracting Officer	
TRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY Cheryl A. Thompson *(Signature of Contracting Officer)*	11/2/98

1. SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

Clause B.02, Estimated Cost, Fixed and Award Fee, paragraph I is deleted in its entirety and replaced with the following.

a. The total amount allotted to this contract is $ 92,047,696.65 (Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1998.

2. SECTION G - CONTRACT ADMINISTRATION DATA

Paragraph G.08 is deleted in its entirely and replaced with the following.

G.08 Accounting and Appropriation Data (Please see attachment)

3 All other terms and conditions remain unchanged.

[redacted]/2/98 10:42

Contract DE-AC13-96GJ87335
Modification A044
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX05A1010	YN	89X0224	AL9091		8,000,000.00	8,000,000.00
EX05A8010	YN	89X0224	AL9091		1,500,000.00	1,500,000.00
EX05A8020	YN	89X0224	AL9091		69,344.83	69,344.83
EX2010101	YN	89X0250	AL8091	ALGJ0002		2,856,301.00
EX2010102	YN	89X0250	AL8091	ALGJ0002		43,998,880.52
EX2010301	YN	89X0250	AL8091	ALGJ1007		42,606.00
EX2010301	YN	89X0250	AL8091	ALHQ999928		19,470.00
EX2010402	YN	89X0250	AL8091	ALGJ0003		12,168.00
EX2010403	YN	89X0250	AL8091	ALGJ0003		420.00
EX2010450	YN	89X0250	AL8091	ALGJ0006		2,006,388.00
EX2010450	YN	89X0250	AL8091	ALCH999943		37,000.00
EX2010600	YN	89X0250	AL8091	ALGJ0005		618,412.00
EX2040010	YN	89X0250	AL8091	ALUM0001		319,855.00
EX2040010	YN	89X0250	AL8091	ALUM0005		262,796.00
EX2040020	YN	89X0250	AL8091	ALUM0002		11,046,750.00
[redacted]X2050010	YN	89X0250	AL8091	ALUM2000		7,059,348.00
[redacted]X2050020	YN	89X0250	AL8091	ALUM2000		252,683.00
EX2062010	YN	89X0250	AL8091	ALGJ0001		70,000.00
EX2062020	YN	89X0250	AL8091	ALGJ0001		29,369.00
EW04A6020	TE	89X0243	AL9291		850,000.00	850,000.00
EW1001206	TE	89X0242	AL8291	ALAL1000SS		59,382.00
EW1001209	TE	89X0242	AL8291	ALAL1000SS		135,262.00
EW1001209	TE	89X0242	AL8291	ALHQ770		193,896.00
EW1001209	TE	89X0242	AL8291	HQ1070SS		118,000.00
EW2010201	TE	89X0242	AL8291	ALSA0002		1,128.00
EW2010202	TE	89X0242	AL8291	ALSA0002		351,314.10
EW2010301	TE	89X0242	AL8291	ALHQ999920		216,120.00
EW2010301	TE	89X0242	AL8291	ALHQ999928		45,242.00
EW2010301	TE	89X0242	AL8291	ALHQ999939		83,144.00
EW2010402	TE	89X0242	AL8291	ALHQ999938		67,203.00
EW3110010	TE	89X0242	AL8291	ALAL2		577,272.00
EW3110010	TE	89X0242	AL8291	HQAL973101		138,798.00
EW3110010	TE	89X0242	AL8291	HQAL973301		266,286.00
EW3110010	TE	89X0242	AL8291	HQAL973401		39,400.00
EW3110010	TE	89X0242	AL8291	HQAL973501		296,500.00
EW4040500	TE	89X0242	AL8291	AL06PS01		26,637.00
EW4040500	TE	89X0242	AL8291	AL07PS14		10,945.00
EW4055000	TE	89X0242	AL8291	AL08SD12		433,000.00
EW6020060	TE	89X0242	AL8291	HQ1005		76,589.00
[redacted]W6020060	TE	89X0242	AL8291	HQ1017		200,000.00

2/98 10:42

Contract DE-AC13-96GJ87335
Modification A044
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW7002010	TE	89X0242	AL8291	ALGJ6109A		1,019.00
EW7070302	TE	89X0242	AL8291	ALPP8004		679,188.00
EW7070303	TE	89X0242	AL8291	ALPP8004		2,376,944.00
EW7070700	TE	89X0242	AL8291	ALHQ770GJ		163,000.00
EW7070800	TE	89X0242	AL8291	ALGJ7601		120,151.00
EW7070800	TE	89X0242	AL8291	ALHQ770GJ		88,050.00
AF9500000	YA	89X0224	AL8491			95,600.00
CD1012010	XA	89X0226	AL8691			211,081.00
CD1015010	XA	89X0226	AL8691			49,077.00
CD1015020	XA	89X0226	AL8691			143,937.00
DP0401050	TC	89X0240	AL8091			81,991.00
GG0701206	TF	89X0243	AL8391			0.02
GG0801000	TF	89X0243	AL8291			37,126.00
GG0803000	TF	89X0243	AL8391			455,190.00
400403109	3T	89X0240	AL8093	NASCEMP9600023		630,232.02
[illegible]0406000	3Y	89X0224	AL8493	6LA47490001		153,574.52
[illegible]0408000	3Y	89X0224	AL8493	DW8995376701		40,134.64
820101ID9	TC	89X0240	AL8091	M700077		2,411.00
820101ID9	TC	89X0240	AL8091	M7GJRAD		14,700.00
820101ID9	TE	89X0242	AL8291	M700150		365.00
820101ID9	Y8	89X0224	AL8491	M800020		3,500.00
820101ID9	Y9	89X0224	AL9491	M9ID018/82ZE	4,500.00	4,500.00
820101ID9	YA	89X0224	AL8491	M700077		(1,732.00)
820101OH9	TE	89X0242	AL8291	M7G000006		55,349.00
820101RL9	TE	89X0242	AL8291	M7AL9OE03		2,065,288.00
820101RL9	TE	89X0242	AL8291	M7RAL90E03		1,736,927.00
820101RL9	TE	89X0242	AL8291	M6ALJOEOA		384,093.00
820101RL9	TE	89X0242	AL8291	M7ALHOLE14		36,526.00
820201ALH	TC	89X0240	AL8091	GJ87460		31,565.00
				Modification Total	**10,423,844.83**	
				Contract Total		**$ 92,047,696.65**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A043	See Block 16c	13-98GJ87335.525	N/A

6. ISSUED BY CODE	7. ADMINISTERED BY *(If other than Item 6)* CODE
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567	Cheryl A. Thompson (970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED *(SEE ITEM 11)*
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
		10B. DATED *(SEE ITEM 13)* July 22, 1996
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
XX	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
	D. OTHER *(Specify type of modification and authority)* Unliateral, FAR 52.232-22 entitled "Limination of Funds."

E. IMPORTANT: Contractor X is not, is required to sign this document and return____copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to obligate funds in the amount of $243,179.20.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Barbara E. Smith Contracting Officer	
15B. CONTRACTOR/OFFEROR _____ *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Barbara E Smith *(Signature of Contracting Officer)*	16C. DATE SIGNED 9/30/98

1. SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

Clause B.02, Estimated Cost, Fixed and Award Fee, paragraph I is deleted in its entirety and replaced with the following.

a. The total amount allotted to this contract is $ 81,623,851.82 (Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1998.

2. SECTION G - CONTRACT ADMINISTRATION DATA

Paragraph G.08 is deleted in its entirely and replaced with the following.

G.08 Accounting and Appropriation Data (Please see attachment)

3 All other terms and conditions remain unchanged.

/2/98 11:43

Contract DE-AC13-96GJ87335
Modification A043
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2010101	YN	89X0250	AL8091	ALGJ0002		2,856,301.00
EX2010102	YN	89X0250	AL8091	ALGJ0002	243,179.20	43,998,880.52
EX2010301	YN	89X0250	AL8091	ALGJ1007		42,606.00
EX2010301	YN	89X0250	AL8091	ALHQ999928		19,470.00
EX2010402	YN	89X0250	AL8091	ALGJ0003		12,168.00
EX2010403	YN	89X0250	AL8091	ALGJ0003		420.00
EX2010450	YN	89X0250	AL8091	ALGJ0006		2,006,388.00
EX2010450	YN	89X0250	AL8091	ALCH999943		37,000.00
EX2010600	YN	89X0250	AL8091	ALGJ0005		618,412.00
EX2040010	YN	89X0250	AL8091	ALUM0001		319,855.00
EX2040010	YN	89X0250	AL8091	ALUM0005		262,796.00
EX2040020	YN	89X0250	AL8091	ALUM0002		11,046,750.00
EX2050010	YN	89X0250	AL8091	ALUM2000		7,059,348.00
EX2050020	YN	89X0250	AL8091	ALUM2000		252,683.00
EX2062010	YN	89X0250	AL8091	ALGJ0001		70,000.00
X2062020	YN	89X0250	AL8091	ALGJ0001		29,369.00
EW1001206	TE	89X0242	AL8291	ALAL1000SS		59,382.00
EW1001209	TE	89X0242	AL8291	ALAL1000SS		135,262.00
EW1001209	TE	89X0242	AL8291	ALHQ770		193,896.00
EW1001209	TE	89X0242	AL8291	HQ1070SS		118,000.00
EW2010201	TE	89X0242	AL8291	ALSA0002		1,128.00
EW2010202	TE	89X0242	AL8291	ALSA0002		351,314.10
EW2010301	TE	89X0242	AL8291	ALHQ999920		216,120.00
EW2010301	TE	89X0242	AL8291	ALHQ999928		45,242.00
EW2010301	TE	89X0242	AL8291	ALHQ999939		83,144.00
EW2010402	TE	89X0242	AL8291	ALHQ999938		67,203.00
EW3110010	TE	89X0242	AL8291	ALAL2		577,272.00
EW3110010	TE	89X0242	AL8291	HQAL973101		138,798.00
EW3110010	TE	89X0242	AL8291	HQAL973301		266,286.00
EW3110010	TE	89X0242	AL8291	HQAL973401		39,400.00
EW3110010	TE	89X0242	AL8291	HQAL973501		296,500.00
EW4040500	TE	89X0242	AL8291	AL06PS01		26,637.00
EW4040500	TE	89X0242	AL8291	AL07PS14		10,945.00
EW4055000	TE	89X0242	AL8291	AL08SD12		433,000.00
EW6020060	TE	89X0242	AL8291	HQ1005		76,589.00
EW6020060	TE	89X0242	AL8291	HQ1017		200,000.00
EW7002010	TE	89X0242	AL8291	ALGJ6109A		1,019.00
EW7070302	TE	89X0242	AL8291	ALPP8004		679,188.00
EW7070303	TE	89X0242	AL8291	ALPP8004		2,376,944.00
W7070700	TE	89X0242	AL8291	ALHQ770GJ		163,000.00

0/2/98 11:43

Contract DE-AC13-96GJ87335
Modification A043
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW7070800	TE	89X0242	AL8291	ALGJ7601		120,151.00
EW7070800	TE	89X0242	AL8291	ALHQ770GJ		88,050.00
AF9500000	YA	89X0224	AL8491			95,600.00
CD1012010	XA	89X0226	AL8691			211,081.00
CD1015010	XA	89X0226	AL8691			49,077.00
CD1015020	XA	89X0226	AL8691			143,937.00
DP0401050	TC	89X0240	AL8091			81,991.00
GG0701206	TF	89X0243	AL8391			0.02
GG0801000	TF	89X0243	AL8291			37,126.00
GG0803000	TF	89X0243	AL8391			455,190.00
400403109	3T	89X0240	AL8093	NASCEMP9600023		630,232.02
400406000	3Y	89X0224	AL8493	6LA47490001		153,574.52
400408000	3Y	89X0224	AL8493	DW8995376701		40,134.64
820101ID9	TC	89X0240	AL8091	M700077		2,411.00
820101ID9	TC	89X0240	AL8091	M7GJRAD		14,700.00
820101ID9	TE	89X0242	AL8291	M700150		365.00
820101ID9	Y8	89X0224	AL8491	M800020		3,500.00
820101ID9	YA	89X0224	AL8491	M700077		(1,732.00)
820101OH9	TE	89X0242	AL8291	M7G000006		55,349.00
820101RL9	TE	89X0242	AL8291	M7AL9OE03		2,065,288.00
820101RL9	TE	89X0242	AL8291	M7RAL90E03		1,736,927.00
820101RL9	TE	89X0242	AL8291	M6ALJOEOA		384,093.00
820101RL9	TE	89X0242	AL8291	M7ALHOLE14		36,526.00
820201ALH	TC	89X0240	AL8091	GJ87460		31,565.00
				Modification Total	**243,179.20**	
				Contract Total		**$ 81,623,851.82**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 2

2. AMENDMENT/MODIFICATION NO. A042	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. 13-98GJ87335.526, 527, 528	5. PROJECT NO. (If applicable) N/A

6. [redacted]Y CODE

U.S. Department of Energy
Grand Junction Office
2597 B3/4 Road
Grand Junction, CO 81502-2567

7. ADMINISTERED BY (If other than Item 6) CODE

Cheryl A. Thompson
(970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR (No., street, country, State, and ZIP Code)

MACTEC-ERS
2597 B3/4 Road
Grand Junction, CO 81503

(✓)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
	10B. DATED (SEE ITEM 13) July 22, 1996

CODE FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Section G

13. [redacted]EM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	[redacted]THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
XX	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
	D. OTHER (Specify type of modification and authority) Unliateral, FAR 52.232-22 entitled "Limination of Funds."

E. IMPORTANT: Contractor X is not, is required to sign this document and return____copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to obligate funds in the amount of $2,082,413.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Cheryl A. Thompson Contracting Officer	
[redacted]TRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Cheryl A. Thompson (Signature of Contracting Officer)	16C. DATE SIGNED 9/25/98

25/98 14:05

Contract DE-AC13-96GJ87335
Modification A042

1. **SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS**

Clause B.02, Estimated Cost, Fixed and Award Fee, paragraph I is deleted in its entirety and replaced with the following.

a. The total amount allotted to this contract is $ 81,380,672.62 (Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1998.

2. **SECTION G - CONTRACT ADMINISTRATION DATA**

Paragraph G.08 is deleted in its entirely and replaced with the following.

G.08 Accounting and Appropriation Data (Please see attachment)

3 All other terms and conditions remain unchanged.

[redacted]5/98 14:16

Contract DE-AC13-96GJ87335
Modification A042
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2010101	YN	89X0250	AL8091	ALGJ0002	765,208.00	2,856,301.00
EX2010102	YN	89X0250	AL8091	ALGJ0002	1,150,537.00	43,755,701.32
EX2010301	YN	89X0250	AL8091	ALGJ1007		42,606.00
EX2010301	YN	89X0250	AL8091	ALHQ999928		19,470.00
EX2010402	YN	89X0250	AL8091	ALGJ0003		12,168.00
EX2010403	YN	89X0250	AL8091	ALGJ0003		420.00
EX2010450	YN	89X0250	AL8091	ALGJ0006	62,943.00	2,006,388.00
EX2010450	YN	89X0250	AL8091	ALCH999943		37,000.00
EX2010600	YN	89X0250	AL8091	ALGJ0005	43,000.00	618,412.00
EX2040010	YN	89X0250	AL8091	ALUM0001	88,225.00	319,855.00
EX2040010	YN	89X0250	AL8091	ALUM0005	10,500.00	262,796.00
EX2040020	YN	89X0250	AL8091	ALUM0002		11,046,750.00
EX2050010	YN	89X0250	AL8091	ALUM2000	(200,000.00)	7,059,348.00
EX2050020	YN	89X0250	AL8091	ALUM2000		252,683.00
EX2062010	YN	89X0250	AL8091	ALGJ0001		70,000.00
[redacted]2062020	YN	89X0250	AL8091	ALGJ0001		29,369.00
[redacted]W1001206	TE	89X0242	AL8291	ALAL1000SS		59,382.00
EW1001209	TE	89X0242	AL8291	ALAL1000SS		135,262.00
EW1001209	TE	89X0242	AL8291	ALHQ770		193,896.00
EW1001209	TE	89X0242	AL8291	HQ1070SS		118,000.00
EW2010201	TE	89X0242	AL8291	ALSA0002		1,128.00
EW2010202	TE	89X0242	AL8291	ALSA0002	15,000.00	351,314.10
EW2010301	TE	89X0242	AL8291	ALHQ999920		216,120.00
EW2010301	TE	89X0242	AL8291	ALHQ999928		45,242.00
EW2010301	TE	89X0242	AL8291	ALHQ999939		83,144.00
EW2010402	TE	89X0242	AL8291	ALHQ999938		67,203.00
EW3110010	TE	89X0242	AL8291	ALAL2		577,272.00
EW3110010	TE	89X0242	AL8291	HQAL973101	(17,000.00)	138,798.00
EW3110010	TE	89X0242	AL8291	HQAL973301	16,000.00	266,286.00
EW3110010	TE	89X0242	AL8291	HQAL973401	500.00	39,400.00
EW3110010	TE	89X0242	AL8291	HQAL973501	500.00	296,500.00
EW4040500	TE	89X0242	AL8291	AL06PS01		26,637.00
EW4040500	TE	89X0242	AL8291	AL07PS14		10,945.00
EW4055000	TE	89X0242	AL8291	AL08SD12	(16,000.00)	433,000.00
EW6020060	TE	89X0242	AL8291	HQ1005		76,589.00
EW6020060	TE	89X0242	AL8291	HQ1017		200,000.00
EW7002010	TE	89X0242	AL8291	ALGJ6109A		1,019.00
EW7070302	TE	89X0242	AL8291	ALPP8004		679,188.00
[redacted]W7070303	TE	89X0242	AL8291	ALPP8004		2,376,944.00
[redacted]W7070700	TE	89X0242	AL8291	ALHQ770GJ	163,000.00	163,000.00

25/98 14:16

Contract DE-AC13-96GJ87335
Modification A042
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW7070800	TE	89X0242	AL8291	ALGJ7601		120,151.00
EW7070800	TE	89X0242	AL8291	ALHQ770GJ		88,050.00
AF9500000	YA	89X0224	AL8491			95,600.00
CD1012010	XA	89X0226	AL8691			211,081.00
CD1015010	XA	89X0226	AL8691			49,077.00
CD1015020	XA	89X0226	AL8691			143,937.00
DP0401050	TC	89X0240	AL8091			81,991.00
GG0701206	TF	89X0243	AL8391			0.02
GG0801000	TF	89X0243	AL8291			37,126.00
GG0803000	TF	89X0243	AL8391			455,190.00
400403109	3T	89X0240	AL8093	NASCEMP9600023		630,232.02
400406000	3Y	89X0224	AL8493	6LA47490001		153,574.52
400408000	3Y	89X0224	AL8493	DW8995376701		40,134.64
820101ID9	TC	89X0240	AL8091	M700077		2,411.00
820101ID9	TC	89X0240	AL8091	M7GJRAD		14,700.00
820101ID9	TE	89X0242	AL8291	M700150		365.00
820101ID9	Y8	89X0224	AL8491	M800020		3,500.00
820101ID9	YA	89X0224	AL8491	M700077		(1,732.00)
820101OH9	TE	89X0242	AL8291	M7G000006		55,349.00
820101RL9	TE	89X0242	AL8291	M7AL9OE03		2,065,288.00
820101RL9	TE	89X0242	AL8291	M7RAL90E03		1,736,927.00
820101RL9	TE	89X0242	AL8291	M6ALJOEOA		384,093.00
820101RL9	TE	89X0242	AL8291	M7ALHOLE14		36,526.00
820201ALH	TC	89X0240	AL8091	GJ87460		31,565.00
				Modification Total	**2,082,413.00**	
				Contract Total		**$ 81,380,672.62**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A041	See Block 16c	AN-NOPR	N/A

6. [redacted] BY CODE	7. ADMINISTERED BY *(If other than Item 6)* CODE
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567	Cheryl A. Thompson (970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED *(SEE ITEM 11)*
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
		10B. DATED *(SEE ITEM 13)* July 22, 1996
CODE / FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

13. [redacted]TEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓) [redacted] THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.

XX B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF

D. OTHER *(Specify type of modification and authority)* **Unliateral, FAR 52.232-22 entitled "Limination of Funds."**

E. IMPORTANT: Contractor X is not, is required to sign this document and return____copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to obligate funds in the amount of $2,124,630.32.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
[redacted]ONTRACTOR/OFFEROR	15C. DATE SIGNED	Cheryl A. Thompson Contracting Officer
(Signature of person authorized to sign)		16B. UNITED STATES OF AMERICA BY *(Signature of Contracting Officer)*
		16C. DATE SIGNED 9/18/98

1. SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

Clause B.02, Estimated Cost, Fixed and Award Fee, paragraph I is deleted in its entirety and replaced with the following.

a. The total amount allotted to this contract is $ 79,298,259.62 (Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1998.

2. SECTION G - CONTRACT ADMINISTRATION DATA

Paragraph G.08 is deleted in its entirely and replaced with the following.

G.08 **Accounting and Appropriation Data** (Please see attachment)

3 All other terms and conditions remain unchanged.

8/98 9:01

Contract DE-AC13-96GJ87335
Modification A041
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2010101	YN	89X0250	AL8091	ALGJ0002		2,091,093.00
EX2010102	YN	89X0250	AL8091	ALGJ0002	1,237,847.32	42,605,164.32
EX2010301	YN	89X0250	AL8091	ALGJ1007		42,606.00
EX2010301	YN	89X0250	AL8091	ALHQ999928		19,470.00
EX2010402	YN	89X0250	AL8091	ALGJ0003		12,168.00
EX2010403	YN	89X0250	AL8091	ALGJ0003		420.00
EX2010450	YN	89X0250	AL8091	ALGJ0006	150,000.00	1,943,445.00
EX2010450	YN	89X0250	AL8091	ALCH999943	37,000.00	37,000.00
EX2010600	YN	89X0250	AL8091	ALGJ0005	50,000.00	575,412.00
EX2040010	YN	89X0250	AL8091	ALUM0001		231,630.00
EX2040010	YN	89X0250	AL8091	ALUM0005		252,296.00
EX2040020	YN	89X0250	AL8091	ALUM0002		11,046,750.00
EX2050010	YN	89X0250	AL8091	ALUM2000	82,600.00	7,259,348.00
EX2050020	YN	89X0250	AL8091	ALUM2000	252,683.00	252,683.00
EX2062010	YN	89X0250	AL8091	ALGJ0001		70,000.00
[illegible]2062020	YN	89X0250	AL8091	ALGJ0001		29,369.00
[illegible]1001206	TE	89X0242	AL8291	ALAL1000SS		59,382.00
EW1001209	TE	89X0242	AL8291	ALAL1000SS		135,262.00
EW1001209	TE	89X0242	AL8291	ALHQ770		193,896.00
EW1001209	TE	89X0242	AL8291	HQ1070SS		118,000.00
EW2010201	TE	89X0242	AL8291	ALSA0002		1,128.00
EW2010202	TE	89X0242	AL8291	ALSA0002		336,314.10
EW2010301	TE	89X0242	AL8291	ALHQ999920	47,000.00	216,120.00
EW2010301	TE	89X0242	AL8291	ALHQ999928		45,242.00
EW2010301	TE	89X0242	AL8291	ALHQ999939		83,144.00
EW2010402	TE	89X0242	AL8291	ALHQ999938		67,203.00
EW3110010	TE	89X0242	AL8291	ALAL2		577,272.00
EW3110010	TE	89X0242	AL8291	HQAL973101		155,798.00
EW3110010	TE	89X0242	AL8291	HQAL973301		250,286.00
EW3110010	TE	89X0242	AL8291	HQAL973401		38,900.00
EW3110010	TE	89X0242	AL8291	HQAL973501		296,000.00
EW4010000	TE	89X0242	AL8291	AL06PS01		-
EW4040500	TE	89X0242	AL8291	AL06PS01		26,637.00
EW4040500	TE	89X0242	AL8291	AL07PS14		10,945.00
EW4055000	TE	89X0242	AL8291	AL08SD12		449,000.00
EW6020060	TE	89X0242	AL8291	HQ1005		76,589.00
EW6020020	TE	89X0242	AL8291	HQ1017	200,000.00	200,000.00
EW7002010	TE	89X0242	AL8291	ALGJ6109A		1,019.00
EW7070302	TE	89X0242	AL8291	ALPP8004		679,188.00
[illegible]W7070303	TE	89X0242	AL8291	ALPP8004		2,376,944.00

8/98 9:01

Contract DE-AC13-96GJ87335
Modification A041
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW7070800	TE	89X0242	AL8291	ALGJ7601		120,151.00
EW7070800	TE	89X0242	AL8291	ALHQ770GJ		88,050.00
AF9500000	YA	89X0224	AL8491			95,600.00
CD1012010	XA	89X0226	AL8691			211,081.00
CD1015010	XA	89X0226	AL8691			49,077.00
CD1015020	XA	89X0226	AL8691			143,937.00
DP0401050	TC	89X0240	AL8091			81,991.00
GG0701206	TF	89X0243	AL8391			0.02
GG0801000	TF	89X0243	AL8291			37,126.00
GG0803000	TF	89X0243	AL8391		67,500.00	455,190.00
400403109	3T	89X0240	AL8093	NASCEMP9600023		630,232.02
400406000	3Y	89X0224	AL8493	6LA47490001		153,574.52
400408000	3Y	89X0224	AL8493	DW8995376701		40,134.64
820101ID9	TC	89X0240	AL8091	M700077		2,411.00
820101ID9	TC	89X0240	AL8091	M7GJRAD		14,700.00
[illegible]101ID9	TE	89X0242	AL8291	M700150		365.00
[illegible]101ID9	Y8	89X0224	AL8491	M800020		3,500.00
820101ID9	YA	89X0224	AL8491	M700077		(1,732.00)
820101OH9	TE	89X0242	AL8291	M7G000006		55,349.00
820101RL9	TE	89X0242	AL8291	M7AL9OE03		2,065,288.00
820101RL9	TE	89X0242	AL8291	M7RAL90E03		1,736,927.00
820101RL9	TE	89X0242	AL8291	M6ALJOEOA		384,093.00
820101RL9	TE	89X0242	AL8291	M7ALHOLE14		36,526.00
820201ALH	TC	89X0240	AL8091	GJ87460		31,565.00
				Modification Total	**2,124,630.32**	
				Contract Total		**$ 79,298,259.62**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
M040	See Block 16c	AN-NOPR	N/A

6. ISSUED BY CODE	7. ADMINISTERED BY *(If other than Item 6)* CODE
[redacted]S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567	Cheryl A. Thompson (970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED *(SEE ITEM 11)*
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
		10B. DATED *(SEE ITEM 13)* July 22, 1996
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

[redacted]	THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
XX	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
	D. OTHER *(Specify type of modification and authority)*

E. **IMPORTANT:** Contractor X is not, is required to sign this document and return___copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

This is an administrative modification to correct funding information.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Cheryl A. Thompson Contracting Officer	
[redacted]TRACTOR/OFFEROR *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Cheryl A. Thompson *(Signature of Contracting Officer)*	16C. DATE SIGNED 9/11/98

1 **The purpose of this administrative modification is as follows:**

To combine duplicative entires that are the result of recast or incorrect funding sources.

To correct all allotment symbol prefixes from GJ to AL

To combine duplicative entries that are the result of updated allotment and/or appropriation symbols.

To add fund types for those entires without them.

To rearrange reconciling transfer entries by customer and by fund type.

To document and explain the revisions necessary to ensure that the obligations shown on GJO funding modifications match the obligations shown in the AL financial system. An ~~upward~~ downward adjustment of $13,328.80 to the GJO modification total is necessary to make the GJO modification total equal the AL obligation records for this contract.

2 **SECTION G - CONTRACT ADMINISTRATION DATA**

Paragraph G.08 is deleted in its entirely and replaced with the following.

G.08 Accounting and Appropriation Data (Please see attached sheet)

3 All other terms and conditions remain unchanged.

[redacted]11/98 10:09

Contract DE-AC13-96GJ87335
Modification M040
Attachment

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2010101	YN	89X0250	AL8091	ALGJ0002		2,091,093.00
EX2010102	YN	89X0250	AL8091	ALGJ0002		41,367,317.00
EX2010301	YN	89X0224	AL8491	ALGJ1007		42,606.00
EX2010301	YN	89X0224	AL8491	ALHQ999928		19,470.00
EX2010402	YN	89X0224	AL8491	ALGJ0003		12,168.00
EX2010403	YN	89X0224	AL8491	ALGJ0003		420.00
EX2010450	YN	89X0250	AL8091	ALGJ0006		1,793,445.00
EX2010600	YN	89X0250	AL8091	ALGJ0005		525,412.00
EX2040010	YN	89X0250	AL8091	ALUM0001		231,630.00
EX2040010	YN	89X0250	AL8091	ALUM0005		252,296.00
EX2040020	YN	89X0250	AL8091	ALUM0002		11,046,750.00
EX2050010	YN	89X0250	AL8091	ALUM2000		7,176,748.00
EX2050020	YN	89X0224	AL8491	ALUM2000		-
EX2062010	YN	89X0224	AL8491	ALGJ0001		70,000.00
EX2062020	YN	89X0224	AL8491	ALGJ0001		29,369.00
EW1001206	TE	89X0242	AL8291	ALAL1000SS		59,382.00
[redacted]1001209	TE	89X0242	AL8291	ALAL1000SS		135,262.00
[redacted]1001209	TE	89X0242	AL8291	ALHQ770		193,896.00
EW1001209	TE	89X0242	AL8291	HQ1070SS		118,000.00
EW2010201	TE	89X0242	AL8291	ALSA0002		1,128.00
EW2010202	TE	89X0242	AL8291	ALSA0002		336,314.10
EW2010301	TE	89X0242	AL8291	ALHQ999920		169,120.00
EW2010301	TE	89X0242	AL8291	ALHQ999928		45,242.00
EW2010301	TE	89X0242	AL8291	ALHQ999939		83,144.00
EW2010402	TE	89X0242	AL8291	ALHQ999938		67,203.00
EW3110010	TE	89X0242	AL8291	ALAL2		577,272.00
EW3110010	TE	89X0242	AL8291	HQAL973101		155,798.00
EW3110010	TE	89X0242	AL8291	HQAL973301		250,286.00
EW3110010	TE	89X0242	AL8291	HQAL973401		38,900.00
EW3110010	TE	89X0242	AL8291	HQAL973501		296,000.00
EW4010000	TE	89X0242	AL8291	AL06PS01		-
EW4040500	TE	89X0242	AL8291	AL06PS01		26,637.00
EW4040500	TE	89X0242	AL8291	AL07PS14		10,945.00
EW4055000	TE	89X0242	AL8291	AL08SD12		449,000.00
EW6020060	TE	89X0242	AL8291	HQ1005		76,589.00
EW7002010	TE	89X0242	AL8291	ALGJ6109A		1,019.00
EW7070302	TE	89X0242	AL8291	ALPP8004		679,188.00
EW7070303	TE	89X0242	AL8291	ALPP8004		2,376,944.00
EW7070800	TE	89X0242	AL8291	ALGJ7601		120,151.00
EW7070800	TE	89X0242	AL8291	ALHQ770GJ		88,050.00
AF9500000	YA	89X0224	AL8491			95,600.00
[redacted]1012010	XA	89X0226	AL8691			211,081.00

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
CD1015010	XA	89X0226	AL8691			49,077.00
CD1015020	XA	89X0226	AL8691			143,937.00
DP0401050	TC	89X0240	AL8091			81,991.00
GG0701206	TF	89X0243	AL8391			0.02
GG0801000	TF	89X0243	AL8291			37,126.00
GG0803000	TF	89X0243	AL8391			387,690.00
400403109	3T	89X0240	AL8093	NASCEMP9600023		630,232.02
400406000	3Y	89X0224	AL8493	6LA47490001		153,574.52
400408000	3Y	89X0224	AL8493	DW8995376701		40,134.64
820101ID9	TC	89X0240	AL8091	M700077		2,411.00
820101ID9	TC	89X0240	AL8091	M7GJRAD		14,700.00
820101ID9	TE	89X0242	AL8291	M700150		365.00
820101ID9	Y8	89X0224	AL8491	M800020		3,500.00
820101ID9	YA	89X0224	AL8491	M700077		(1,732.00)
820101OH9	TE	89X0242	AL8291	M7G000006		55,349.00
820101RL9	TE	89X0242	AL8291	M7AL9OE03		2,065,288.00
[illegible]0101RL9	TE	89X0242	AL8291	M7RAL90E03		1,736,927.00
[illegible]0101RL9	TE	89X0242	AL8291	M6ALJOEOA		384,093.00
820101RL9	TE	89X0242	AL8291	M7ALHOLE14		36,526.00
820201ALH	TC	89X0240	AL8091	GJ87460		31,565.00
				Modification Total	**0.00**	
				Contract Total		**$ 77,173,629.30**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
		1 | 2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
M039	See Block 16c	AN-NOPR	N/A

6. ISSUED BY	CODE	7. ADMINISTERED BY *(If other than Item 6)*	CODE
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567		Cheryl A. Thompson (970) 248-6043	

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*		
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED *(SEE ITEM 11)*
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
		10B. DATED *(SEE ITEM 13)* July 22, 1996
CODE / FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☒ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF **FAR 52.217-9, Option to Extend the Term of the Contract**

☐ D. OTHER *(Specify type of modification and authority)*

E. **IMPORTANT:** Contractor is not, X is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to exercise the first option period and update the contract to reflect the award fee available and the award fee paid to date.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*	16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
DEAN B. GRAMME, General Manager	Cheryl A. Thompson Contracting Officer

15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
BY _____ *(Signature of person authorized to sign)*	9/1/98	BY Cheryl A Thompson *(Signature of Contracting Officer)*	9/14/98

1. Clause F.02, **PERIOD OF PERFORMANCE**, is revised to delete 36 months and replace it with 48 months and delete two (2) additional one-year periods and replace it with one (1) additional one-year period.. The clause will now read as follows:

F.02 PERIOD OF PERFORMANCE

The final completion of this contract, including completion and submission of all reports required by Part III, Section J, Attachment B, shall be 48 months after the effective date of this contract. All services under the contract may be extended for one (1) additional one-year period in accordance with the Section B paragraph entitled "Option to Extend the Duration of the Contract Services." If the option period is exercised, the total contract term shall be completed 60 months after the effective date of the contract.

2. Clause H.20, **DISTRIBUTION OF AWARD FEE POOL**, paragraph a, is deleted in its entirety and replaced with the following. This revision adds the award fee available for the first option period and updates the award fee earned to date.

H.20 DISTRIBUTION OF AWARD FEE POOL

a. Award fee. For award fee determination purposes, the contract shall be divided into six-month periods. The Award Fee Pool attributable to each six-month award fee period is shown below.

Award Fee Period	Available Award Fee Pool	Award Fee Earned
10/1/96 - 3/31/97	$ 869,347	$ 186,040
4/1/97 - 9/30/97	869,347	682,437
10/1/97 - 3/31/98	651,113	506,666
4/1/98 - 9/30/98	651,113	
10/1/98 - 3/31/99	618,831	
4/1/99 - 9/30/99	618,831	
10/1/99 - 3/31/00	643,014	
4/1/00 - 7/21/00	392,957	

3. All other terms and conditions of this contract remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
		1 |5

AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A038	(See Block 16c)	13-98GJ87335.519, 520 and 521	N/A

[redacted] CODE		7. ADMINISTERED BY *(If other than Item 6)*	CODE
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567		Cheryl A. Thompson (970) 248-6043	

. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*		(✓)	9A. AMENDMENT OF SOLICITATION NO.
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503			9B. DATED *(SEE ITEM 11)*
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
			10B. DATED *(SEE ITEM 13)* July 22, 1996
:ODE	FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

)ffers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By eparate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGE-MENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF 'OUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter nakes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

2. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

3. [redacted]M APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
XX	D. OTHER *(Specify type of modification and authority)* **Unilateral, FAR 52.232-22 entitled "Limitation of Funds."**

E. **IMPORTANT:** Contractor X is not, is required to sign this document and return___copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to obligate funds in the amount of $493,900.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Cheryl A. Thompson Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
[redacted]ature of person authorized to sign)		BY Cheryl A. Thompson *(Signature of Contracting Officer)*	8/24/98

1. **SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS**

Clause B.02, Estimated Cost, Base, Fixed and Award Fee, paragraph i is deleted in tis entirety and replaced with the following.

a. The total amount allotted to this contract is $77,186,957.38(Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1998.

2. **SECTION G - CONTRACT ADMINISTRATION DATA**

Paragraph G.08 is deleted in its entirety and replaced with the following.

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2010101		89X0224	GJ7491	ALGJ1002	$	$ 1,243,093
EX2010101	YN	89X0250	GJ8091	ALGJ0002	67,000	848,000
EX2010102	YN	89X0250	GJ8091	ALGJ0002		19,667,408
EX2010102		89X0224	GJ7491	ALGJ1001		15,751,646
EX2010102		89X0224	GJ7491	ALGJ1003		5,948,263
EX2010202	TE	89X0242	GJ8291	ALSA0002		41,988
EX2010301		89X0224	GJ7491	ALGJ1007		42,606
EX2010301		89X0224	GJ7491	ALHQ999928		19,470
EX2010402		89X0224	GJ7491	ALGJ1005		12,168
EX2010403		89X0224	GJ6491	ALGJ1005		356
EX2010403		89X0224	GJ7491	ALGJ1005		64
EX2010450		89X0224	GJ7491	ALGJ1004		803,445
EX2010450	YN	89X0250	GJ8091	ALGJ0006		990,000
EX2010500		89X0224	GJ6491	ALGJ1006		24,962
EX2010600		89X0224	GJ7491	ALGJ1008		317,412
EX2010600	YN	89X0250	GJ8091	ALGJ0005		208,000
EX2040010	YN	89X0250	GJ8091	ALUM0001	(6,000)	130,654
EX2040010	YN	89X0250	GJ8091	ALUM0005	5,000	60,200
EX2040010		89X0224	GJ7491	ALUM1362		105,976
EX2040010	YA	89X0224	GJ8491	ALUM1362		(5,000)
EX2040010		89X0224	GJ7491	ALUM1363		192,096
EX2040020	YN	89X0250	GJ8091	ALUM0002	360,000	2,413,600

B&R Number		Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2040020	YN	89X0224	GJ8091	ALUM0002		200,000
EX2040020		89X0224	GJ7491	ALUM1332		8,433,150
EX2050010		89X0224	GJ7491	ALUM2000		2,707,906
EX2050010	YN	89X0250	GJ8091	ALUM2000		3,376,000
EX2050010		89X0224	GJ7491	ALUM2023		1,092,842
EX2050020		89X0224	GJ7491	ALUM2000		83,950
EX2050020	YN	89X0224	GJ8091	ALUM2000		(83,950)
EX2062010		89X0224	GJ7491	ALGJ1001		70,000
EX2062020		89X0224	GJ7491	ALGJ1006		4,407
EW1001206		89X0242	GJ7291	ALAL18		10,858
EW1001206		89X0242	GJ7291	ALAL1000SS		55,800
EW1001206		89X0242	GJ7291	ALHQ1005		(25,000)
EW1001209		89X0242	GJ7291	ALAL1000SS		114,460
EW1001209	TE	89X0242	GJ8291	ALAL1000SS	12,600	13,300
EW1001209		89X0242	GJ7291	ALHQ770		191,956
EW1001209	TE	89X0242	GJ8291	ALHQ770		1,940
EW1001209	TE	89X0242	GJ8291	HQ1070-SS	118,000	118,000
EW2010202		89X0242	GJ7291	ALAL17		226
EW2010202	TE	89X0242	GJ8291	ALSA0002		125,808.10
EW2010202		89X0242	GJ7291	ALSA1333		1,128
EW2010202		89X0242	GJ7291	ALSA1334		1,762
EW2010202		89X0242	GJ7291	ALSA1335		166,756
EW2010301		89X0242	GJ7291	ALHQ999920		144,820
EW2010301	TE	89X0242	GJ8291	ALHQ999920		24,300
EW2010301		89X0242	GJ7291	ALHQ999928		45,242
EW2010301		89X0242	GJ7291	ALHQ999939		83,144
EW2010402		89X0242	GJ7291	ALHQ999938		67,203
EW3110010		89X0224	GJ7491	ALAL2		777,297
EW3110010		89X0242	GJ7291	ALAL2		(196,025)
EW3110010	TE	89X0242	GJ8291	ALAL2		(4,000)
EW3110010		89X0242	GJ7291	ALHQ9731-01		118,198
EW3110010	TE	89X0242	GJ8291	HQAL973101		37,600
EW3110010		89X0242	GJ7291	ALHQ9733-01		264,569
EW3110010	TE	89X0242	GJ8291	HQAL973301		(14,283)
EW3110010		89X0242	GJ7291	ALHQ9734-01		37,600

B&R Number		Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW3110010	TE	89X0242	GJ8291	HQAL973401		1,300
EW3110010		89X0242	GJ7291	ALHQ9735-01		282,000
EW3110010	TE	89X0242	GJ8291	HQAL9735-01		14,000
EW4035000		89X0242	GJ7291	AL06PS01		(12,789)
EW4010000	TE	89X0242	GJ8291	AL06PS01		12,879
EW4040500	TE	89X0242	GJ8291	AL06PS01		(2,540)
EW4040500	TE	89X0242	GJ8291	AL07PS14		1,570
EW4050000		89X0242	GJ7291	AL06PS01		41,966
EW4050000		89X0242	GJ7291	AL07PS14		9,375
EW4055000	TE	89X0242	GJ8291	AL08SD12		449,000
EW6020060		89X0242	GJ7291	ALHQ1005		101,589
EW7002010		89X0242	GJ7291	ALGJ6109A		1,435
EW7002010	TE	89X0242	GJ8291	ALGJ6109A		(416)
EW7070100		89X0242	GJ7291	ALGJ7601		5,952
EW7070100		89X0242	GJ7291	ALHQ770GJ		88,050
EW7070302		89X0242	GJ7291	ALPP8004		431,688
EW7070302	TE	89X0242	GJ8291	ALPP8004		247,500
EW7070303	TE	89X0242	GJ8291	ALPP8004	(62,200)	2,376,944
EW7070800		89X0242	GJ7291	ALGJ7601		107,260
EW7070800	TE	89X0242	GJ8291	ALGJ7601		6,939
AF9500000		89X0224	GJ7491			95,000
AF9500000	YA	89X0224	GJ8491			600
CD1012010		89X0226	GJ7691			207,181
CD1012010	XA	89X0226	GJ8691			3,900
CD1015010		89X0226	GJ7691			47,696
CD1015010	XA	89X0226	GJ8691			1,381
CD1015020		89X0226	GJ7691			141,228
CD1015020	XA	89X0226	GJ8691			2,709
DP0401050		89X0240	GJ7091			81,991
GG0801000		89X0243	GJ7291			37,126
GG0803000		89X0243	GJ7291			177,782
GG0803000	TF	89X0243	GJ8391			134,486
GG0803000		89X0243	GJ7391			75,422
GG0701206		89X0243	GJ7291			.02

B&R Number		Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
GG0701206	TF	89X0243	GJ8391			450
400403109		89X0240	GJ7093	NASCEMP-9600023		630,231.10
400406000		89X0224	GJ7493	6LA47490001		154,074.52
400406000	3Y	89X0224.93	GJ8493	6LA47490001	(500)	(500)
400408000		89X0224.93	GJ7493	DW8995376701		40,134.64
820101ID9		89X0240	GJ7091	M700077		2,411
820101ID9	YA	89X0224	GJ8491	M700077		(1,732)
820101ID9		89X0224	GJ7091	M700150		40,000
820101ID9	TE	89X0242	GJ8291	M700150		(39,635)
820101ID9		89X0240	GJ7091	M7GJRAD		16,324
820101ID9	TC	89X0240	GJ7091	M7GJRAD		(1,624)
820101ID9	Y8	8980224	GJ8491	M800020		3,500
820101OH9		89X0242	GJ7291	M7G000006		55,349
820101RL9		89X0242	GJ7291	M7AL9OE03		2,065,288
820101RL9	TE	89X0242	GJ8291	M7RAL90E03		1,736,927
820101RL9		89X0242	GJ7291	M6ALJOEOA		384,093
820101RL9		89X0242	GJ7291	M7ALHOLE14		36,526
820201ALH		89X0240	GJ7091			5,294
820201ALH		89X0240	GJ7091	GJ87460		22,157
820201ALH	TC	89X0240	GJ8291	GJ87460		4,114

Modification Total $ 493,900.00

Contract Total $ 77,186,957.38

3. All other terms and conditions of the contract remain unchanged.

MENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 15

AMENDMENT/MODIFICATION NO. A037	3. EFFECTIVE DATE (See Block 16c)	4. REQUISITION/PURCHASE REQ. NO. 13-98GJ87335.518	5. PROJECT NO. (If applicable) N/A

[redacted] CODE	7. ADMINISTERED BY (If other than Item 6)	CODE
S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567	Cheryl A. Thompson (970) 248-6043	

NAME AND ADDRESS OF CONTRACTOR (No., street, country, State, and ZIP Code)	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
		10B. DATED (SEE ITEM 13) July 22, 1996
ODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

ffers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By eparate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGE-IENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF 'OUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter nakes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

2. ACCOUNTING AND APPROPRIATION DATA (If required)
See Section G

3. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

[redacted] IS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF

XX D. OTHER (Specify type of modification and authority) Unilateral, FAR 52.232-22 entitled "Limitation of Funds."

E. IMPORTANT: Contractor X is not, is required to sign this document and return___copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to obligate funds in the amount of $96,790.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Cheryl A. Thompson Contracting Officer	
15B. CONTRACTOR/OFFEROR [redacted] Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Cheryl A. Thompson (Signature of Contracting Officer)	16C. DATE SIGNED 7/17/98

1. SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

Clause B.02, Estimated Cost, Base, Fixed and Award Fee, paragraph i is deleted in tis entirety and replaced with the following.

a. The total amount allotted to this contract is $76,693,057.38(Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1998.

2. SECTION G - CONTRACT ADMINISTRATION DATA

Paragraph G.08 is deleted in its entirety and replaced with the following.

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2010101		89X0224	GJ7491	ALGJ1002	$	$ 1,243,093
EX2010101	YN	89X0250	GJ8091	ALGJ0002	100,000	781,000
EX2010102	YN	89X0250	GJ8091	ALGJ0002		19,667,408
EX2010102		89X0224	GJ7491	ALGJ1001		15,751,646
EX2010102		89X0224	GJ7491	ALGJ1003		5,948,263
EX2010202	TE	89X0242	GJ8291	ALSA0002		41,988
EX2010301		89X0224	GJ7491	ALGJ1007		42,606
EX2010301		89X0224	GJ7491	ALHQ999928		19,470
EX2010402		89X0224	GJ7491	ALGJ1005		12,168
EX2010403		89X0224	GJ6491	ALGJ1005		356
EX2010403		89X0224	GJ7491	ALGJ1005		64
EX2010450		89X0224	GJ7491	ALGJ1004		803,445
EX2010450	YN	89X0250	GJ8091	ALGJ0006		990,000
EX2010500		89X0224	GJ6491	ALGJ1006		24,962
EX2010600		89X0224	GJ7491	ALGJ1008		317,412
EX2010600	YN	89X0250	GJ8091	ALGJ0005		208,000
EX2040010	YN	89X0250	GJ8091	ALUM0001		136,654
EX2040010	YN	89X0250	GJ8091	ALUM0005		55,200
EX2040010		89X0224	GJ7491	ALUM1362		105,976
EX2040010	YA	89X0224	GJ8491	ALUM1362		(5,000)
EX2040010		89X0224	GJ7491	ALUM1363		192,096
EX2040020	YN	89X0250	GJ8091	ALUM0002	18,000	2,053,600

B&R Number		Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2040020	YN	89X0224	GJ8091	ALUM0002		200,000
EX2040020		89X0224	GJ7491	ALUM1332		8,433,150
EX2050010		89X0224	GJ7491	ALUM2000		2,707,906
EX2050010	YN	89X0250	GJ8091	ALUM2000		3,376,000
EX2050010		89X0224	GJ7491	ALUM2023		1,092,842
EX2050020		89X0224	GJ7491	ALUM2000		83,950
EX2050020	YN	89X0224	GJ8091	ALUM2000		(83,950)
EX2062010		89X0224	GJ7491	ALGJ1001		70,000
EX2062020		89X0224	GJ7491	ALGJ1006		4,407
EW1001206		89X0242	GJ7291	ALAL18		10,858
EW1001206		89X0242	GJ7291	ALAL1000SS		55,800
EW1001206		89X0242	GJ7291	ALHQ1005		(25,000)
EW1001209		89X0242	GJ7291	ALAL1000SS		114,460
EW1001209	TE	89X0242	GJ8291	ALAL1000SS	700	700
EW1001209		89X0242	GJ7291	ALHQ770		191,956
EW1001209	TE	89X0242	GJ8291	ALHQ770		1,940
EW2010202		89X0242	GJ7291	ALAL17		226
EW2010202	TE	89X0242	GJ8291	ALSA0002		125,808.10
EW2010202		89X0242	GJ7291	ALSA1333		1,128
EW2010202		89X0242	GJ7291	ALSA1334		1,762
EW2010202		89X0242	GJ7291	ALSA1335		166,756
EW2010301		89X0242	GJ7291	ALHQ999920		144,820
EW2010301	TE	89X0242	GJ8291	ALHQ999920		24,300
EW2010301		89X0242	GJ7291	ALHQ999928		45,242
EW2010301		89X0242	GJ7291	ALHQ999939		83,144
EW2010402		89X0242	GJ7291	ALHQ999938		67,203
EW3110010		89X0224	GJ7491	ALAL2		777,297
EW3110010		89X0242	GJ7291	ALAL2		(196,025)
EW3110010	TE	89X0242	GJ8291	ALAL2		(4,000)
EW3110010		89X0242	GJ7291	ALHQ9731-01		118,198
EW3110010	TE	89X0242	GJ8291	HQAL973101		37,600
EW3110010		89X0242	GJ7291	ALHQ9733-01		264,569
EW3110010	TE	89X0242	GJ8291	HQAL973301		(14,283)
EW3110010		89X0242	GJ7291	ALHQ9734-01		37,600

B&R Number		Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW3110010	TE	89X0242	GJ8291	HQAL973401		1,300
EW3110010		89X0242	GJ7291	ALHQ9735-01		282,000
EW3110010	TE	89X0242	GJ8291	HQAL9735-01		14,000
EW4035000		89X0242	GJ7291	AL06PS01		(12,789)
EW4010000	TE	89X0242	GJ8291	AL06PS01		12,879
EW4040500	TE	89X0242	GJ8291	AL06PS01		(2,540)
EW4040500	TE	89X0242	GJ8291	AL07PS14		1,570
EW4050000		89X0242	GJ7291	AL06PS01		41,966
EW4050000		89X0242	GJ7291	AL07PS14		9,375
EW4055000	TE	89X0242	GJ8291	AL08SD12		449,000
EW6020060		89X0242	GJ7291	ALHQ1005		101,589
EW7002010		89X0242	GJ7291	ALGJ6109A		1,435
EW7002010	TE	89X0242	GJ8291	ALGJ6109A		(416)
EW7070100		89X0242	GJ7291	ALGJ7601		5,952
EW7070100		89X0242	GJ7291	ALHQ770GJ		88,050
EW7070302		89X0242	GJ7291	ALPP8004		431,688
EW7070302	TE	89X0242	GJ8291	ALPP8004		247,500
EW7070303	TE	89X0242	GJ8291	ALPP8004	(26,000)	2,439,144
EW7070800		89X0242	GJ7291	ALGJ7601		107,260
EW7070800	TE	89X0242	GJ8291	ALGJ7601		6,939
AF9500000		89X0224	GJ7491			95,000
AF9500000	YA	89X0224	GJ8491			600
CD1012010		89X0226	GJ7691			207,181
CD1012010	XA	89X0226	GJ8691			3,900
CD1015010		89X0226	GJ7691			47,696
CD1015010	XA	89X0226	GJ8691		1,381	1,381
CD1015020		89X0226	GJ7691			141,228
CD1015020	XA	89X0226	GJ8691		2,709	2,709
DP0401050		89X0240	GJ7091			81,991
GG0801000		89X0243	GJ7291			37,126
GG0803000		89X0243	GJ7291			177,782
GG0803000	TF	89X0243	GJ8391			134,486
GG0803000		89X0243	GJ7391			75,422
GG0701206		89X0243	GJ7291			.02

B&R Number		Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
GG0701206	TF	89X0243	GJ8391			450
400403109		89X0240	GJ7093	NASCEMP-9600023		630,231.10
400406000		89X0224	GJ7493	6LA47490001		154,074.52
400408000		89X0224.93	GJ7493	DW8995376701		40,134.64
820101ID9		89X0240	GJ7091	M700077		2,411
820101ID9	YA	89X0224	GJ8491	M700077		(1,732)
820101ID9		89X0224	GJ7091	M700150		40,000
820101ID9	TE	89X0242	GJ8291	M700150		(39,635)
820101ID9		89X0240	GJ7091	M7GJRAD		16,324
820101ID9	TC	89X0240	GJ7091	M7GJRAD		(1,624)
820101ID9	Y8	8980224	GJ8491	M800020		3,500
820101OH9		89X0242	GJ7291	M7G000006		55,349
820101RL9		89X0242	GJ7291	M7AL9OE03		2,065,288
820101RL9	TE	89X0242	GJ8291	M7RAL90E03		1,736,927
820101RL9		89X0242	GJ7291	M6ALJOEOA		384,093
820101RL9		89X0242	GJ7291	M7ALHOLE14		36,526
820201ALH		89X0240	GJ7091			5,294
820201ALH		89X0240	GJ7091	GJ87460		22,157
820201ALH	TC	89X0240	GJ8291	GJ87460		4,114

Modification Total $ 96,790.00

Contract Total $ 76,693,057.38

3. All other terms and conditions of the contract remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
		1 15

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A036	(See Block 16c)	13-98GJ87335.515, 516 and 517	N/A

6. CODE		7. ADMINISTERED BY *(If other than Item 6)*	CODE
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567		Cheryl A. Thompson (970) 248-6043	

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*		
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503		9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED *(SEE ITEM 11)*
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
		10B. DATED *(SEE ITEM 13)* July 22, 1996
ODE	FACILITY CODE	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

ers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By parate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGE-ENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF OUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter akes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
X	D. OTHER *(Specify type of modification and authority)* **Unilateral, FAR 52.232-22 entitled "Limitation of Funds."**

IMPORTANT: Contractor X is not, is required to sign this document and return___copies to the issuing office.

DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to obligate funds in the amount of $265,336.10.

(Continued on Page 2)

cept as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Cheryl A. Thompson Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
ture of person authorized to sign)		BY Cheryl A. Thompson *(Signature of Contracting Officer)*	6/23/98

1. SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

Clause B.02, Estimated Cost, Base, Fixed and Award Fee, paragraph i is deleted in tis entirety and replaced with the following.

a. The total amount allotted to this contract is $76,596,267.38(Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1998.

2. SECTION G - CONTRACT ADMINISTRATION DATA

Paragraph G.08 is deleted in its entirety and replaced with the following.

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2010101		89X0224	GJ7491	ALGJ1002	$	$ 1,243,093
EX2010101	YN	89X0250	GJ8091	ALGJ0002		681,000
EX2010102	YN	89X0250	GJ8091	ALGJ0002		19,667,408
EX2010102		89X0224	GJ7491	ALGJ1001		15,751,646
EX2010102		89X0224	GJ7491	ALGJ1003		5,948,263
EX2010202	TE	89X0242	GJ8291	ALSA0002		41,988
EX2010301		89X0224	GJ7491	ALGJ1007		42,606
EX2010301		89X0224	GJ7491	ALHQ999928		19,470
EX2010402		89X0224	GJ7491	ALGJ1005		12,168
EX2010403		89X0224	GJ6491	ALGJ1005		356
EX2010403		89X0224	GJ7491	ALGJ1005		64
EX2010450		89X0224	GJ7491	ALGJ1004		803,445
EX2010450	YN	89X0250	GJ8091	ALGJ0006		990,000
EX2010500		89X0224	GJ6491	ALGJ1006		24,962
EX2010600		89X0224	GJ7491	ALGJ1008		317,412
EX2010600	YN	89X0250	GJ8091	ALGJ0005		208,000
EX2040010	YN	89X0250	GJ8091	ALUM0001	(5,000)	136,654
EX2040010	YN	89X0250	GJ8091	ALUM0005		55,200
EX2040010		89X0224	GJ7491	ALUM1362		105,976
EX2040010	YA	89X0224	GJ8491	ALUM1362		(5,000)
EX2040010		89X0224	GJ7491	ALUM1363		192,096
EX2040020	YN	89X0250	GJ8091	ALUM0002		2,035,600

B&R Number		Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2040020	YN	89X0224	GJ8091	ALUM0002	200,000	200,000
EX2040020		89X0224	GJ7491	ALUM1332		8,433,150
EX2050010		89X0224	GJ7491	ALUM2000		2,707,906
EX2050010	YN	89X0250	GJ8091	ALUM2000		3,376,000
EX2050010		89X0224	GJ7491	ALUM2023		1,092,842
EX2050020		89X0224	GJ7491	ALUM2000		83,950
EX2050020	YN	89X0224	GJ8091	ALUM2000	(83,950)	(83,950)
EX2062010		89X0224	GJ7491	ALGJ1001		70,000
EX2062020		89X0224	GJ7491	ALGJ1006		4,407
EW1001206		89X0242	GJ7291	ALAL18		10,858
EW1001206		89X0242	GJ7291	ALAL1000SS		55,800
EW1001206		89X0242	GJ7291	ALHQ1005		(25,000)
EW1001209		89X0242	GJ7291	ALAL1000SS		114,460
EW1001209		89X0242	GJ7291	ALHQ770		191,956
EW1001209	TE	89X0242	GJ8291	ALHQ770	7,000	1,940
EW2010202		89X0242	GJ7291	ALAL17		226
EW2010202	TE	89X0242	GJ8291	ALSA0002	125,808.10	125,808.10
EW2010202		89X0242	GJ7291	ALSA1333		1,128
EW2010202		89X0242	GJ7291	ALSA1334		1,762
EW2010202		89X0242	GJ7291	ALSA1335		166,756
EW2010301		89X0242	GJ7291	ALHQ999920		144,820
EW2010301	TE	89X0242	GJ8291	ALHQ999920		24,300
EW2010301		89X0242	GJ7291	ALHQ999928		45,242
EW2010301		89X0242	GJ7291	ALHQ999939		83,144
EW2010402		89X0242	GJ7291	ALHQ999938		67,203
EW3110010		89X0224	GJ7491	ALAL2		777,297
EW3110010		89X0242	GJ7291	ALAL2		(196,025)
EW3110010	TE	89X0242	GJ8291	ALAL2		(4,000)
EW3110010		89X0242	GJ7291	ALHQ9731-01		118,198
EW3110010	TE	89X0242	GJ8291	HQAL973101	500	37,600
EW3110010		89X0242	GJ7291	ALHQ9733-01		264,569
EW3110010	TE	89X0242	GJ8291	HQAL973301	2,000	(14,283)
EW3110010		89X0242	GJ7291	ALHQ9734-01		37,600

B&R Number		Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW3110010	TE	89X0242	GJ8291	HQAL973401		1,300
EW3110010		89X0242	GJ7291	ALHQ9735-01		282,000
EW3110010	TE	89X0242	GJ8291	HQAL9735-01	1,000	14,000
EW4035000		89X0242	GJ7291	AL06PS01		(12,789)
EW4010000	TE	89X0242	GJ8291	AL06PS01	12,879	12,879
EW4040500	TE	89X0242	GJ8291	AL06PS01	(6,540)	(2,540)
EW4040500	TE	89X0242	GJ8291	AL07PS14		1,570
EW4050000		89X0242	GJ7291	AL06PS01		41,966
EW4050000		89X0242	GJ7291	AL07PS14		9,375
EW4055000	TE	89X0242	GJ8291	AL08SD12		449,000
EW6020060		89X0242	GJ7291	ALHQ1005		101,589
EW7002010		89X0242	GJ7291	ALGJ6109A		1,435
EW7002010	TE	89X0242	GJ8291	ALGJ6109A		(416)
EW7070100		89X0242	GJ7291	ALGJ7601		5,952
EW7070100		89X0242	GJ7291	ALHQ770GJ		88,050
EW7070302		89X0242	GJ7291	ALPP8004		431,688
EW7070302	TE	89X0242	GJ8291	ALPP8004		247,500
EW7070303	TE	89X0242	GJ8291	ALPP8004		2,465,144
EW7070800		89X0242	GJ7291	ALGJ7601		107,260
EW7070800	TE	89X0242	GJ8291	ALGJ7601	4,939	6,939
AF9500000		89X0224	GJ7491			95,000
AF9500000	YA	89X0224	GJ8491			600
CD1012010		89X0226	GJ7691			207,181
CD1012010	XA	89X0226	GJ8691			3,900
CD1015010		89X0226	GJ7691			47,696
CD1015020		89X0226	GJ7691			141,228
DP0401050		89X0240	GJ7091			81,991
GG0801000		89X0243	GJ7291			37,126
GG0803000		89X0243	GJ7291			177,782
GG0803000	TF	89X0243	GJ8391		6,700	134,486
GG0803000		89X0243	GJ7391			75,422
GG0701206		89X0243	GJ7291			.02

B&R Number		Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
GG0701206	TF	89X0243	GJ8391			450
400403109		89X0240	GJ7093	NASCEMP-9600023		630,231.10
400406000		89X0224	GJ7493	6LA47490001		154,074.52
400408000		89X0224.93	GJ7493	DW8995376701		40,134.64
820101ID9		89X0240	GJ7091	M700077		2,411
820101ID9	YA	89X0224	GJ8491	M700077		(1,732)
820101ID9		89X0224	GJ7091	M700150		40,000
820101ID9	TE	89X0242	GJ8291	M700150		(39,635)
820101ID9		89X0240	GJ7091	M7GJRAD		16,324
820101ID9	TC	89X0240	GJ7091	M7GJRAD		(1,624)
820101ID9	Y8	8980224	GJ8491	M800020		3,500
820101OH9		89X0242	GJ7291	M7G000006		55,349
820101RL9		89X0242	GJ7291	M7AL9OE03		2,065,288
820101RL9	TE	89X0242	GJ8291	M7RAL90E03		1,736,927
820101RL9		89X0242	GJ7291	M6ALJOEOA		384,093
820101RL9		89X0242	GJ7291	M7ALHOLE14		36,526
820201ALH		89X0240	GJ7091			5,294
820201ALH		89X0240	GJ7091	GJ87460		22,157
820201ALH	TC	89X0240	GJ8291	GJ87460		4,114

Modification Total $ 265,336.10

Contract Total $ 76,596,267.38

3. All other terms and conditions of the contract remain unchanged.

IENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 5

MENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A035	(See Block 16c)	13-98GJ87335.514	N/A

Y CODE	7. ADMINISTERED BY *(If other than Item 6)* CODE
.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567	Cheryl A. Thompson (970) 248-6043

AME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED *(SEE ITEM 11)*
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
		10B. DATED *(SEE ITEM 13)* July 22, 1996
DE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

ers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By parate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGE-NT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF UR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter kes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

T EM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

IS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF **FAR 52.232-22 entitled "Limitation of Funds."**

D. OTHER *(Specify type of modification and authority)* **Unilateral, FAR 52.232-22 entitled "Limitation of Funds."**

IMPORTANT: Contractor is not, X is required to sign this document and return 3 copies to the issuing office.

DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to deobligate funds in the amount of $234,875.

(Continued on Page 2)

ept as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
JEAN L. QUAMME, General Manager		Cheryl A. Thompson Contracting Officer	
B. CONTRACTOR/OFFEROR *ature of person authorized to sign)*	15C. DATE SIGNED 5/22/98	16B. UNITED STATES OF AMERICA BY *(Signature of Contracting Officer)*	16C. DATE SIGNED 5/22/98

1. **SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS**

Clause B.02, Estimated Cost, Base, Fixed and Award Fee, paragraph i is deleted in tis entirety and replaced with the following.

a. The total amount allotted to this contract is $76,330,931.28(Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1998.

2. **SECTION G - CONTRACT ADMINISTRATION DATA**

Paragraph G.08 is deleted in its entirety and replaced with the following.

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2010101		89X0224	GJ7491	ALGJ1002	$	$ 1,243,093
EX2010101	YN	89X0250	GJ8091	ALGJ0002		681,000
EX2010102	YN	89X0250	GJ8091	ALGJ0002	(234,875)	19,667,408
EX2010102		89X0224	GJ7491	ALGJ1001		15,751,646
EX2010102		89X0224	GJ7491	ALGJ1003		5,948,263
EX2010202	TE	89X0242	GJ8291	ALSA0002		41,988
EX2010301		89X0224	GJ7491	ALGJ1007		42,606
EX2010301		89X0224	GJ7491	ALHQ999928		19,470
EX2010402		89X0224	GJ7491	ALGJ1005		12,168
EX2010403		89X0224	GJ6491	ALGJ1005		356
EX2010403		89X0224	GJ7491	ALGJ1005		64
EX2010450		89X0224	GJ7491	ALGJ1004		803,445
EX2010450	YN	89X0250	GJ8091	ALGJ0006		990,000
EX2010500		89X0224	GJ6491	ALGJ1006		24,962
EX2010600		89X0224	GJ7491	ALGJ1008		317,412
EX2010600	YN	89X0250	GJ8091	ALGJ0005		208,000
EX2040010	YN	89X0250	GJ8091	ALUM0001		141,654
EX2040010	YN	89X0250	GJ8091	ALUM0005		55,200
EX2040010		89X0224	GJ7491	ALUM1362		105,976
EX2040010	YA	89X0224	GJ8491	ALUM1362		(5,000)
EX2040010		89X0224	GJ7491	ALUM1363		192,096
EX2040020	YN	89X0250	GJ8091	ALUM0002		2,035,600
EX2040020		89X0224	GJ7491	ALUM1332		8,433,150

B&R Number		Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2050010		89X0224	GJ7491	ALUM2000		2,707,906
EX2050010	YN	89X0250	GJ8091	ALUM2000		3,376,000
EX2050010		89X0224	GJ7491	ALUM2023		1,092,842
EX2050020		89X0224	GJ7491	ALUM2000		83,950
EX2062010		89X0224	GJ7491	ALGJ1001		70,000
EX2062020		89X0224	GJ7491	ALGJ1006		4,407
EW1001206		89X0242	GJ7291	ALAL18		10,858
EW1001206		89X0242	GJ7291	ALAL1000SS		55,800
EW1001206		89X0242	GJ7291	ALHQ1005		(25,000)
EW1001209		89X0242	GJ7291	ALAL1000SS		114,460
EW1001209		89X0242	GJ7291	ALHQ770		191,956
EW1001209	TE	89X0242	GJ8291	ALHQ770		(5,060)
EW2010202		89X0242	GJ7291	ALAL17		226
EW2010202		89X0242	GJ7291	ALSA1333		1,128
EW2010202		89X0242	GJ7291	ALSA1334		1,762
EW2010202		89X0242	GJ7291	ALSA1335		166,756
EW2010301		89X0242	GJ7291	ALHQ999920		144,820
EW2010301	TE	89X0242	GJ8291	ALHQ999920		24,300
EW2010301		89X0242	GJ7291	ALHQ999928		45,242
EW2010301		89X0242	GJ7291	ALHQ999939		83,144
EW2010402		89X0242	GJ7291	ALHQ999938		67,203
EW3110010		89X0224	GJ7491	ALAL2		777,297
EW3110010		89X0242	GJ7291	ALAL2		(196,025)
EW3110010	TE	89X0242	GJ8291	ALAL2		(4,000)
EW3110010		89X0242	GJ7291	ALHQ9731-01		118,198
EW3110010	TE	89X0242	GJ8291	HQAL973101		37,100
EW3110010		89X0242	GJ7291	ALHQ9733-01		264,569
EW3110010	TE	89X0242	GJ8291	HQAL973301		(16,283)
EW3110010		89X0242	GJ7291	ALHQ9734-01		37,600
EW3110010	TE	89X0242	GJ8291	HQAL973401		1,300
EW3110010		89X0242	GJ7291	ALHQ9735-01		282,000
EW3110010	TE	89X0242	GJ8291	HQAL9735-01		13,000
EW4035000		89X0242	GJ7291	AL06PS01		(12,789)
EW4040500	TE	89X0242	GJ8291	AL06PS01		4,000
EW4040500	TE	89X0242	GJ8291	AL07PS14		1,570
EW4050000		89X0242	GJ7291	AL06PS01		41,966

B&R Number		Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW4050000		89X0242	GJ7291	AL07PS14		9,375
EW4055000	TE	89X0242	GJ8291	AL08SD12		449,000
EW6020060		89X0242	GJ7291	ALHQ1005		101,589
EW7002010		89X0242	GJ7291	ALGJ6109A		1,435
EW7002010	TE	89X0242	GJ8291	ALGJ6109A		(416)
EW7070100		89X0242	GJ7291	ALGJ7601		5,952
EW7070100		89X0242	GJ7291	ALHQ770GJ		88,050
EW7070302		89X0242	GJ7291	ALPP8004		431,688
EW7070302	TE	89X0242	GJ8291	ALPP8004		247,500
EW7070303	TE	89X0242	GJ8291	ALPP8004		2,465,144
EW7070800		89X0242	GJ7291	ALGJ7601		107,260
EW7070800	TE	89X0242	GJ8291	ALGJ7601		2,000
AF9500000		89X0224	GJ7491			95,000
AF9500000	YA	89X0224	GJ8491			600
CD1012010		89X0226	GJ7691			207,181
CD1012010	XA	89X0226	GJ8691			3,900
CD1015010		89X0226	GJ7691			47,696
CD1015020		89X0226	GJ7691			141,228
DP0401050		89X0240	GJ7091			81,991
GG0801000		89X0243	GJ7291			37,126
GG0803000		89X0243	GJ7291			177,782
GG0803000	TF	89X0243	GJ8391			127,786
GG0803000		89X0243	GJ7391			75,422
GG0701206		89X0243	GJ7291			.02
GG0701206	TF	89X0243	GJ8391			450
400403109		89X0240	GJ7093	NASCEMP-9600023		630,231.10
400406000		89X0224	GJ7493	6LA47490001		154,074.52
400408000		89X0224.93	GJ7493	DW8995376701		40,134.64
820101ID9		89X0240	GJ7091	M700077		2,411
820101ID9	YA	89X0224	GJ8491	M700077		(1,732)
820101ID9		89X0224	GJ7091	M700150		40,000
820101ID9	TE	89X0242	GJ8291	M700150		(39,635)
820101ID9		89X0240	GJ7091	M7GJRAD		16,324
820101ID9	TC	89X0240	GJ7091	M7GJRAD		(1,624)
820101ID9	Y8	8980224	GJ8491	M800020		3,500

B&R Number		Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
820101OH9		89X0242	GJ7291	M7G000006		55,349
820101RL9		89X0242	GJ7291	M7AL9OE03		2,065,288
820101RL9	TE	89X0242	GJ8291	M7RAL90E03		1,736,927
820101RL9		89X0242	GJ7291	M6ALJOEOA		384,093
820101RL9		89X0242	GJ7291	M7ALHOLE14		36,526
820201ALH		89X0240	GJ7091			5,294
820201ALH		89X0240	GJ7091	GJ87460		22,157
820201ALH	TC	89X0240	GJ8291	GJ87460		4,114
Modification Total					$ (234,875)	
				Contract Total		$ 76,330,931.28

3. All other terms and conditions of the contract remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
		1 | 2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
M034	See Block 16c	AN-NOPR	N/A

6. ISSUED BY	CODE	7. ADMINISTERED BY *(If other than Item 6)*	CODE
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567		Cheryl A. Thompson (970) 248-6043	

NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*	(✓)	
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503		9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED *(SEE ITEM 11)*
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
		10B. DATED *(SEE ITEM 13)* July 22, 1996
ODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

ffers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGE-ENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF OUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter akes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

2. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

3. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

HIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CON-RACT NO. IN ITEM 10A.

X B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF

D. OTHER *(Specify type of modification and authority)*

. IMPORTANT: Contractor X is not, is required to sign this document and return_copies to the issuing office.

4. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to correct B&R Number.

(Continued on Page 2)

xcept as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

5A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Cheryl A. Thompson Contracting Officer	
5B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
ignature of person authorized to sign)		BY *(Signature of Contracting Officer)*	5/19/98

This modification is an administrative modification to correct one of the B&R numbers shown on Modification A032.

1. 2. **SECTION G - CONTRACT ADMINISTRATION DATA**

Paragraph G.08 on modification A032 is revised as follows:

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
The following line is deleted:						
EX2010202	TE	89X0242	GJ8291	ALSA0002	41,988	41,988
and replaced with the following line:						
EW2010202	TE	89X0242	GJ8291	ALSA0002	41,988	41,988

2. All other terms and condition remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 2

2. AMENDMENT/MODIFICATION NO. M033	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. AN-NOPR	5. PROJECT NO. *(If applicable)* N/A

6. ISSUED BY CODE
U.S. Department of Energy
Grand Junction Office
2597 B3/4 Road
Grand Junction, CO 81502-2567

7. ADMINISTERED BY *(If other than Item 6)* CODE
Cheryl A. Thompson
(970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*
MACTEC-ERS
2597 B3/4 Road
Grand Junction, CO 81503

CODE FACILITY CODE

(✓)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
	10B. DATED *(SEE ITEM 13)* July 22, 1996

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

XX C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF **Mutual Agreement of the Parties and Acquisition Letter 97-07 dated September 26, 1997**

☐ D. OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is not, X s required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

See Page 2

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*	16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
DEAN W. QUAMME, General Manager	Cheryl A. Thompson Contracting Officer
15B. CONTRACTOR/OFFEROR BY _____ *(Signature of person authorized to sign)*	15C. DATE SIGNED 6/2/98
16B. UNITED STATES OF AMERICA BY _____ *(Signature of Contracting Officer)*	16C. DATE SIGNED 5/22/98

The purpose of this modification is to incorporate by reference clause DEAR 970.5204-2 as required by Acquisition Letter 97-07 dated September 26, 1997.

1. Clause I.01, **CLAUSES INCORPORATED BY REFERENCE**, Section II, DEPARTMENT OF ENERGY ACQUISITION REGULATION (43 CFR CHAPTER 9) CLAUSES, is revised to add the following clause.

DEAR 970.5204-2	Integration of Environmental, Safety, and Health Into Work Planning and Execution	June 1997

2. All other terms and condition remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
		1 15

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A032	(See Block 16c)	13-98GJ87335.512 and 513	N/A

6. ISSUED BY	CODE	7. ADMINISTERED BY *(If other than Item 6)*	CODE
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567		Cheryl A. Thompson (970) 248-6043	

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED *(SEE ITEM 11)*
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
		10B. DATED *(SEE ITEM 13)* July 22, 1996
CODE / FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
XX	D. OTHER *(Specify type of modification and authority)* **Unilateral, FAR 52.232-22 entitled "Limitation of Funds."**

E. IMPORTANT: Contractor X is not, is required to sign this document and return_copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to obligate additional funds in the amount of $222,657.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Barbara E. Smith Contracting Officer	
15B. CONTRACTOR/OFFEROR _____ *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Barbara E Smith *(Signature of Contracting Officer)*	16C. DATE SIGNED 4/27/98

1. SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

Clause B.02, Estimated Cost, Base, Fixed and Award Fee, paragraph i is deleted in tis entirety and replaced with the following.

a. The total amount allotted to this contract is $76,565,806.28(Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1998.

2. SECTION G - CONTRACT ADMINISTRATION DATA

Paragraph G.08 is deleted in its entirety and replaced with the following.

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2010101		89X0224	GJ7491	ALGJ1002	$	$ 1,243,093
EX2010101	YN	89X0250	GJ8091	ALGJ0002		681,000
EX2010102	YN	89X0250	GJ8091	ALGJ0002		19,902,283
EX2010102		89X0224	GJ7491	ALGJ1001		15,751,646
EX2010102		89X0224	GJ7491	ALGJ1003		5,948,263
EX2010202	TE	89X0242	GJ8291	ALSA0002	41,988	41,988
EX2010301		89X0224	GJ7491	ALGJ1007		42,606
EX2010301		89X0224	GJ7491	ALHQ999928		19,470
EX2010402		89X0224	GJ7491	ALGJ1005		12,168
EX2010403		89X0224	GJ6491	ALGJ1005		356
EX2010403		89X0224	GJ7491	ALGJ1005		64
EX2010450		89X0224	GJ7491	ALGJ1004		803,445
EX2010450	YN	89X0250	GJ8091	ALGJ0006		990,000
EX2010500		89X0224	GJ6491	ALGJ1006		24,962
EX2010600		89X0224	GJ7491	ALGJ1008		317,412
EX2010600	YN	89X0250	GJ8091	ALGJ0005		208,000
EX2040010	YN	89X0250	GJ8091	ALUM0001		141,654
EX2040010	YN	89X0250	GJ8091	ALUM0005		55,200
EX2040010		89X0224	GJ7491	ALUM1362		105,976
EX2040010	YA	89X0224	GJ8491	ALUM1362		(5,000)
EX2040010		89X0224	GJ7491	ALUM1363		192,096
EX2040020	YN	89X0250	GJ8091	ALUM0002		2,035,600
EX2040020		89X0224	GJ7491	ALUM1332		8,433,150

B&R Number		Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2050010		89X0224	GJ7491	ALUM2000		2,707,906
EX2050010	YN	89X0250	GJ8091	ALUM2000		3,376,000
EX2050010		89X0224	GJ7491	ALUM2023		1,092,842
EX2050020		89X0224	GJ7491	ALUM2000		83,950
EX2062010		89X0224	GJ7491	ALGJ1001		70,000
EX2062020		89X0224	GJ7491	ALGJ1006		4,407
EW1001206		89X0242	GJ7291	ALAL18		10,858
EW1001206		89X0242	GJ7291	ALAL1000SS		55,800
EW1001206		89X0242	GJ7291	ALHQ1005		(25,000)
EW1001209		89X0242	GJ7291	ALAL1000SS		114,460
EW1001209		89X0242	GJ7291	ALHQ770		191,956
EW1001209	TE	89X0242	GJ8291	ALHQ770		(5,060)
EW2010202		89X0242	GJ7291	ALAL17		226
EW2010202		89X0242	GJ7291	ALSA1333		1,128
EW2010202		89X0242	GJ7291	ALSA1334		1,762
EW2010202		89X0242	GJ7291	ALSA1335		166,756
EW2010301		89X0242	GJ7291	ALHQ999920		144,820
EW2010301	TE	89X0242	GJ8291	ALHQ999920		24,300
EW2010301		89X0242	GJ7291	ALHQ999928		45,242
EW2010301		89X0242	GJ7291	ALHQ999939		83,144
EW2010402		89X0242	GJ7291	ALHQ999938		67,203
EW3110010		89X0224	GJ7491	ALAL2		777,297
EW3110010		89X0242	GJ7291	ALAL2		(196,025)
EW3110010	TE	89X0242	GJ8291	ALAL2		(4,000)
EW3110010		89X0242	GJ7291	ALHQ9731-01		118,198
EW3110010	TE	89X0242	GJ8291	HQAL973101		37,100
EW3110010		89X0242	GJ7291	ALHQ9733-01		264,569
EW3110010	TE	89X0242	GJ8291	HQAL973301		(16,283)
EW3110010		89X0242	GJ7291	ALHQ9734-01		37,600
EW3110010	TE	89X0242	GJ8291	HQAL973401		1,300
EW3110010		89X0242	GJ7291	ALHQ9735-01		282,000
EW3110010	TE	89X0242	GJ8291	HQAL9735-01	2,000	13,000
EW4035000		89X0242	GJ7291	AL06PS01		(12,789)
EW4040500	TE	89X0242	GJ8291	AL06PS01		4,000
EW4040500	TE	89X0242	GJ8291	AL07PS14	300	1,570
EW4050000		89X0242	GJ7291	AL06PS01		41,966

B&R Number		Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW4050000		89X0242	GJ7291	AL07PS14		9,375
EW4055000	TE	89X0242	GJ8291	AL08SD12		449,000
EW6020060		89X0242	GJ7291	ALHQ1005		101,589
EW7002010		89X0242	GJ7291	ALGJ6109A		1,435
EW7002010	TE	89X0242	GJ8291	ALGJ6109A	(416)	(416)
EW7070100		89X0242	GJ7291	ALGJ7601		5,952
EW7070100		89X0242	GJ7291	ALHQ770GJ		88,050
EW7070302		89X0242	GJ7291	ALPP8004		431,688
EW7070302	TE	89X0242	GJ8291	ALPP8004		247,500
EW7070303	TE	89X0242	GJ8291	ALPP8004		2,465,144
EW7070800		89X0242	GJ7291	ALGJ7601		107,260
EW7070800	TE	89X0242	GJ8291	ALGJ7601	2,000	2,000
AF9500000		89X0224	GJ7491			95,000
AF9500000	YA	89X0224	GJ8491			600
CD1012010		89X0226	GJ7691			207,181
CD1012010	XA	89X0226	GJ8691			3,900
CD1015010		89X0226	GJ7691			47,696
CD1015020		89X0226	GJ7691			141,228
DP0401050		89X0240	GJ7091			81,991
GG0801000		89X0243	GJ7291			37,126
GG0803000		89X0243	GJ7291			177,782
GG0803000	TF	89X0243	GJ8391		39,325	127,786
GG0803000		89X0243	GJ7391			75,422
GG0701206		89X0243	GJ7291			.02
GG0701206	TF	89X0243	GJ8391			450
400403109		89X0240	GJ7093	NASCEMP-9600023		630,231.10
400406000		89X0224	GJ7493	6LA47490001		154,074.52
400408000		89X0224.93	GJ7493	DW8995376701		40,134.64
820101ID9		89X0240	GJ7091	M700077		2,411
820101ID9	YA	89X0224	GJ8491	M700077		(1,732)
820101ID9		89X0224	GJ7091	M700150		40,000
820101ID9	TE	89X0242	GJ8291	M700150		(39,635)
820101ID9		89X0240	GJ7091	M7GJRAD		16,324
820101ID9	TC	89X0240	GJ7091	M7GJRAD		(1,624)
820101ID9	Y8	8980224	GJ8491	M800020		3,500

B&R Number		Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
820101OH9		89X0242	GJ7291	M7G000006		55,349
820101RL9		89X0242	GJ7291	M7AL9OE03		2,065,288
820101RL9	TE	89X0242	GJ8291	M7RAL90E03	137,460	1,736,927
820101RL9		89X0242	GJ7291	M6ALJOEOA		384,093
820101RL9		89X0242	GJ7291	M7ALHOLE14		36,526
820201ALH		89X0240	GJ7091			5,294
820201ALH		89X0240	GJ7091	GJ87460		22,157
820201ALH	TC	89X0240	GJ8291	GJ87460		4,114
Modification Total					$ 222,657	
				Contract Total		$ 76,565,806.28

3. All other terms and conditions of the contract remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
		1 | 4

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
M031	(See Block 16c)	AN-NOPR	N/A

6. ISSUED BY CODE	7. ADMINISTERED BY *(If other than Item 6)* CODE
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567	Cheryl A. Thompson (970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*	(✓)	9A. AMENDMENT OF SOLICITATION NO.
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503		9B. DATED *(SEE ITEM 11)*
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
		10B. DATED *(SEE ITEM 13)* July 22, 1996

ODE | FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

ffers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By eparate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGE-ENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF OUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter akes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

2. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

3. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF **Mutual Agreement of Parties**
	D. OTHER *(Specify type of modification and authority)*

. **IMPORTANT:** Contractor is not, X is required to sign this document and return 3 copies to the issuing office.

4. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

he purpose of this modification is to delete the ceiling rate for the Corporate G&A, revise the allowable home ffice expenses, and incorporate the Cost Savings Incentive Clause in the contract.

(Continued on Page 2)

cept as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*	16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
DEAN W. QUAMME · General Manager	Cheryl A. Thompson Contracting Officer

15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)	4/24/98	BY *(Signature of Contracting Officer)* Cheryl A. Thompson	4/29/98

The purpose of this modification is to eliminate the ceiling Corporate G&A rate and in its place show a ceiling dollar amount for the actual Corporate Home Office expenses that can be charged to this contract. This modification also adds the Cost Savings Incentive clause to the contract.

1. Clause H.33, LIMITATION ON INDIRECT RATES, is deleted in its entirety and the replaced with the following.

"H.33 LIMITATION ON INDIRECT RATES

Notwithstanding any other clause(s) of this contract, the Government shall not reimburse the Contractor for any indirect costs in excess of the indirect expense dollars derived for each of the Contractor's fiscal years by the application of the following individual indirect cost ceiling rates to the appropriate base outlined below. All indirect costs in excess of said amount(s) shall be borne by the Contractor.

	Indirect Cost Ceiling Rates					
	FY 96	FY97	FY98	FY99	FY00	FY01
Fringe Benefit - Total Labor Dollars*	35.11	35.11	35.11	35.11	35.11	35.11

* Accepted contingent upon equitable adjustment should medical insurance costs rise at a rate greater than labor escalation.

The indirect cost limitation set forth above include provisions for all known increases that shall take place during the term of this contract resulting from statute, court decisions, and/or written ruling or regulation by the Internal Revenue Service or any other taxing authority. However, in the event that during the term of this contract any other statute, court decision, and/or written ruling or regulation affects the Contractor's indirect costs, the indirect cost limitations shall be adjusted to the extent the Contracting Officer determines the increase or decrease, if any, said statue, court decision, and/or ruling or regulation impacts the Contractor's indirect costs."

2. Clause H.32, CORPORATE HOME OFFICE EXPENSES, is deleted in its entirety and replaced with the following.

"H.32 CORPORATE HOME OFFICE EXPENSES

Corporate home office expenses charged to this contract shall not exceed the amount stated below without the prior approval of the Contracting Officer. The amount actually charged to this contract will be based on actual costs incurred by the corporate office for the expense categories included in the Best and Final Offer dated March 29, 1996.

Government Fiscal Year	Ceiling Amount
FY 1996	$ 225,548
FY 1997	$ 1,020,623
FY 1998	$ 1,009,516
FY 1999	$ 828,863 (through July 21, 1999)

Corporate Fiscal Year	Ceiling Amount
FY 1996	$ 322,642
FY 1997	$ 1,007,805
FY 1998	$ 1,009,671
FY 1999	$ 744,983 (through July 21, 1999)

The indirect cost limitation set forth above include provisions for all known increases that shall take place during the term of this contract resulting from statute, court decisions, and/or written ruling or regulation by the Internal Revenue Service or any other taxing authority. However, in the event that during the term of this contract any other statute, court decision, and/or written ruling or regulation affects the Contractor's indirect costs, the indirect cost limitations shall be adjusted to the extent the Contracting Officer determines the increase or decrease, if any, said statue, court decision, and/or ruling or regulation impacts the Contractor's indirect costs."

3. The following Clause H.42, Cost Savings Incentive, is added to the contract.

"H.42, COST SAVING INCENTIVE

It is the Department of Energy's intent to have its facilities operated in the most efficient and cost-effective manner possible. To this end the Contractor shall, in the performance of this contract, assess its operations and identify areas where cost reductions would bring cost efficiency to operations without adversely affecting the level of performance required by the contract. The Government and the Contractor shall share identified cost variances as a result of efficient and cost-effective performance of work scope under this contract.

The Government and the Contractor shall share identified cost variances on the basis of 25% to the Contractor for each dollar of overrun or underrun. Such cost variance should be measured by the difference between the budgeted cost of work performed (BCWP) and the actual cost of work performance (ACWP) for the fiscal year. The negotiated task order amount shall consist of the original task order amounts and any task order modifications that affect the task order scope of work. Net cost savings or cost increases will be payable to or by the Contractor on at least an annual basis, after verification of the savings by the Government."

3. All other terms and conditions of this contract remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 5

AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
A030	(See Block 16c)	13-98GJ87335.504 and 511	N/A

6. BY	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567		Cheryl A. Thompson (970) 248-6043	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, country, State, and ZIP Code)	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
		10B. DATED (SEE ITEM 13) July 22, 1996

CODE	FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF

XX D. OTHER (Specify type of modification and authority) Unilateral, FAR 52.232-22 entitled "Limitation of Funds."

E. IMPORTANT: Contractor X is not, is required to sign this document and return__copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to obligate additional funds in the amount of $434,165.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Cheryl A. Thompson Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Cheryl A. Thompson (Signature of Contracting Officer)	16C. DATE SIGNED 4/10/98

1. SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

Clause B.02, Estimated Cost, Base, Fixed and Award Fee, paragraph i is deleted in tis entirety and replaced with the following.

a. The total amount allotted to this contract is $76,343,149.28(Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1998.

2. SECTION G - CONTRACT ADMINISTRATION DATA

Paragraph G.08 is deleted in its entirety and replaced with the following.

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2010101		89X0224	GJ7491	ALGJ1002	$	$ 1,243,093
EX2010101	YN	89X0250	GJ8091	ALGJ0002		681,000
EX2010102	YN	89X0250	GJ8091	ALGJ0002		19,902,283
EX2010102		89X0224	GJ7491	ALGJ1001		15,751,646
EX2010102		89X0224	GJ7491	ALGJ1003		5,948,263
EX2010301		89X0224	GJ7491	ALGJ1007		42,606
EX2010301		89X0224	GJ7491	ALHQ999928		19,470
EX2010402		89X0224	GJ7491	ALGJ1005		12,168
EX2010403		89X0224	GJ6491	ALGJ1005		356
EX2010403		89X0224	GJ7491	ALGJ1005		64
EX2010450		89X0224	GJ7491	ALGJ1004		803,445
EX2010450	YN	89X0250	GJ8091	ALGJ0006		990,000
EX2010500		89X0224	GJ6491	ALGJ1006		24,962
EX2010600		89X0224	GJ7491	ALGJ1008		317,412
EX2010600	YN	89X0250	GJ8091	ALGJ0005		208,000
EX2040010	YN	89X0250	GJ8091	ALUM0001		141,654
EX2040010	YN	89X0250	GJ8091	ALUM0005		55,200
EX2040010		89X0224	GJ7491	ALUM1362		105,976
EX2040010	YA	89X0224	GJ8491	ALUM1362		(5,000)
EX2040010		89X0224	GJ7491	ALUM1363		192,096
EX2040020	YN	89X0250	GJ8091	ALUM0002		2,035,600
EX2040020		89X0224	GJ7491	ALUM1332		8,433,150

B&R Number		Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2050010		89X0224	GJ7491	ALUM2000		2,707,906
EX2050010	YN	89X0250	GJ8091	ALUM2000		3,376,000
EX2050010		89X0224	GJ7491	ALUM2023		1,092,842
EX2050020		89X0224	GJ7491	ALUM2000		83,950
EX2062010		89X0224	GJ7491	ALGJ1001		70,000
EX2062020		89X0224	GJ7491	ALGJ1006		
4,407						
EW1001206		89X0242	GJ7291	ALAL18		10,858
EW1001206		89X0242	GJ7291	ALAL1000SS		55,800
EW1001206		89X0242	GJ7291	ALHQ1005		(25,000)
EW1001209		89X0242	GJ7291	ALAL1000SS		114,460
EW1001209		89X0242	GJ7291	ALHQ770		191,956
EW1001209	TE	89X0242	GJ8291	ALHQ770		(5,060)
EW2010202		89X0242	GJ7291	ALAL17		226
EW2010202		89X0242	GJ7291	ALSA1333		1,128
EW2010202		89X0242	GJ7291	ALSA1334		1,762
EW2010202		89X0242	GJ7291	ALSA1335		166,756
EW2010301		89X0242	GJ7291	ALHQ999920		144,820
EW2010301	TE	89X0242	GJ8291	ALHQ999920		24,300
EW2010301		89X0242	GJ7291	ALHQ999928		45,242
EW2010301		89X0242	GJ7291	ALHQ999939		83,144
EW2010402		89X0242	GJ7291	ALHQ999938		67,203
EW3110010		89X0224	GJ7491	ALAL2		777,297
EW3110010		89X0242	GJ7291	ALAL2		(196,025)
EW3110010	TE	89X0242	GJ8291	ALAL2		(4,000)
EW3110010		89X0242	GJ7291	ALHQ9731-01		118,198
EW3110010	TE	89X0242	GJ8291	HQAL973101	3,500	37,100
EW3110010		89X0242	GJ7291	ALHQ9733-01		264,569
EW3110010	TE	89X0242	GJ8291	HQAL973301	15,000	(16,283)
EW3110010		89X0242	GJ7291	ALHQ9734-01		37,600
EW3110010	TE	89X0242	GJ8291	HQAL973401	1,300	1,300
EW3110010		89X0242	GJ7291	ALHQ9735-01		282,000
EW3110010	TE	89X0242	GJ8291	HQAL9735-01		11,000
EW4035000		89X0242	GJ7291	AL06PS01		(12,789)
EW4040500	TE	89X0242	GJ8291	AL06PS01		4,000
EW4040500	TE	89X0242	GJ8291	AL07PS14		1,270

EW4050000		89X0242	GJ7291	AL06PS01		41,966

B&R Number		Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW4050000		89X0242	GJ7291	AL07PS14		9,375
EW4055000	TE	89X0242	GJ8291	AL08SD12	449,000	449,000
EW6020060		89X0242	GJ7291	ALHQ1005		101,589
EW7002010		89X0242	GJ7291	ALGJ6109A		1,435
EW7070100		89X0242	GJ7291	ALGJ7601		5,952
EW7070100		89X0242	GJ7291	ALHQ770GJ		88,050
EW7070302		89X0242	GJ7291	ALPP8004		431,688
EW7070302	TE	89X0242	GJ8291	ALPP8004		247,500
EW7070303	TE	89X0242	GJ8291	ALPP8004		2,465,144
EW7070800		89X0242	GJ7291	ALGJ7601		107,260
AF9500000		89X0224	GJ7491			95,000
AF9500000	YA	89X0224	GJ8491			600
CD1012010		89X0226	GJ7691			207,181
CD1012010	XA	89X0226	GJ8691		5,000	3,900
CD1015010		89X0226	GJ7691			47,696
CD1015020		89X0226	GJ7691			141,228
DP0401050		89X0240	GJ7091			81,991
GG0801000		89X0243	GJ7291			37,126
GG0803000		89X0243	GJ7291			177,782
GG0803000	TF	89X0243	GJ8391			88,461
GG0803000		89X0243	GJ7391			75,422
GG0701206		89X0243	GJ7291			.02
GG0701206	TF	89X0243	GJ8391			450
400403109		89X0240	GJ7093	NASCEMP-9600023		630,231.10
400406000		89X0224	GJ7493	6LA47490001		154,074.52
400408000		89X0224.93	GJ7493	DW8995376701		40,134.64
820101ID9		89X0240	GJ7091	M700077		2,411
820101ID9	YA	89X0224	GJ8491	M700077		(1,732)
820101ID9		89X0224	GJ7091	M700150		40,000
820101ID9	TE	89X0242	GJ8291	M700150	(39,635)	(39,635)
820101ID9		89X0240	GJ7091	M7GJRAD		16,324
820101ID9	TC	89X0240	GJ7091	M7GJRAD		(1,624)
820101ID9	Y8	8980224	GJ8491	M800020		3,500

820101OH9		89X0242	GJ7291	M7G000006		55,349

B&R Number		Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
820101RL9		89X0242	GJ7291	M7AL9OE03		2,065,288
820101RL9	TE	89X0242	GJ8291	M7RAL90E03		1,599,467
820101RL9		89X0242	GJ7291	M6ALJOEOA		384,093
820101RL9		89X0242	GJ7291	M7ALHOLE14		36,526
820201ALH		89X0240	GJ7091			5,294
820201ALH		89X0240	GJ7091	GJ87460		22,157
820201ALH	TC	89X0240	GJ8291	GJ87460		4,114

Modification Total $ 434,165

Contract Total $ 76,343,149.28

3. All other terms and conditions of the contract remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 2

2. AMENDMENT/MODIFICATION NO. M029	3. EFFECTIVE DATE (See Block 16c)	4. REQUISITION/PURCHASE REQ. NO. AN-NOPR	5. PROJECT NO. (If applicable) N/A

6. ISSUED BY CODE

U.S. Department of Energy
Grand Junction Office
2597 B3/4 Road
Grand Junction, CO 81502-2567

7. ADMINISTERED BY (If other than Item 6) CODE

Cheryl A. Thompson
(970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR (No., street, country, State, and ZIP Code)

MACTEC-ERS
2597 B3/4 Road
Grand Junction, CO 81503

CODE FACILITY CODE

(✓)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
	10B. DATED (SEE ITEM 13) July 22, 1996

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
XX	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor X is not, is required to sign this document and return__copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

See Page 2

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Barbara E. Smith Contracting Officer	
15B. CONTRACTOR/OFFEROR _____ (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Barbara E. Smith (Signature of Contracting Officer)	16C. DATE SIGNED 3/19/98

The purpose of this modification is to correct modification M027 to show the deletion of $524,000 and not all of section G.

SECTION G - CONTRACT ADMINISTRATION DATA

The adjustment to Paragraph G.08 shown in Modification M027 is deleted in its entirety and replaced with the following:

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW405500	TE	89X0242	GJ8291	AL08SD12	$ (524,000)	$ 0

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 5

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A028	(See Block 16c)	13-98GJ87335.508, 509, and 510	N/A

6. BY CODE

U.S. Department of Energy
Grand Junction Office
2597 B3/4 Road
Grand Junction, CO 81502-2567

7. ADMINISTERED BY *(If other than Item 6)* CODE

Cheryl A. Thompson
(970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*

MACTEC-ERS
2597 B3/4 Road
Grand Junction, CO 81503

CODE FACILITY CODE

(If)	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
	10B. DATED *(SEE ITEM 13)* July 22, 1996

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
XX	D. OTHER *(Specify type of modification and authority)* **Unilateral, FAR 52.232-22 entitled "Limitation of Funds."**

E. IMPORTANT: Contractor X is not, is required to sign this document and return__copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to obligate additional funds in the amount of $670,404.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Barbara E. Smith Contracting Officer	
15B. CONTRACTOR/OFFEROR *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Barbara E Smith *(Signature of Contracting Officer)*	16C. DATE SIGNED 2/27/98

1. **SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS**

Clause B.02, Estimated Cost, Base, Fixed and Award Fee, paragraph i is deleted in tis entirety and replaced with the following.

a. The total amount allotted to this contract is $75,908,984.28(Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1998.

2. **SECTION G - CONTRACT ADMINISTRATION DATA**

Paragraph G.08 is deleted in its entirety and replaced with the following.

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2010101		89X0224	GJ7491	ALGJ1002	$	$ 1,243,093
EX2010101	YN	89X0250	GJ8091	ALGJ0002	(2,050,000)	681,000
EX2010102	YN	89X0250	GJ8091	ALGJ0002	1,300,000	19,902,283
EX2010102		89X0224	GJ7491	ALGJ1001		15,751,646
EX2010102		89X0224	GJ7491	ALGJ1003		5,948,263
EX2010301		89X0224	GJ7491	ALGJ1007		42,606
EX2010301		89X0224	GJ7491	ALHQ999928		19,470
EX2010402		89X0224	GJ7491	ALGJ1005		12,168
EX2010403		89X0224	GJ6491	ALGJ1005		356
EX2010403		89X0224	GJ7491	ALGJ1005		64
EX2010450		89X0224	GJ7491	ALGJ1004		803,445
EX2010450	YN	89X0250	GJ8091	ALGJ0006	(100,000)	990,000
EX2010500		89X0224	GJ6491	ALGJ1006		24,962
EX2010600		89X0224	GJ7491	ALGJ1008		317,412
EX2010600	YN	89X0250	GJ8091	ALGJ0005	(70,000)	208,000
EX2040010	YN	89X0250	GJ8091	ALUM0001	129,204	141,654
EX2040010	YN	89X0250	GJ8091	ALUM0005	(44,800)	55,200
EX2040010		89X0224	GJ7491	ALUM1362		105,976
EX2040010	YA	89X0224	GJ8491	ALUM1362		(5,000)
EX2040010		89X0224	GJ7491	ALUM1363		192,096
EX2040020	YN	89X0250	GJ8091	ALUM0002		2,035,600
EX2040020		89X0224	GJ7491	ALUM1332		8,433,150

B&R Number		Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2050010		89X0224	GJ7491	ALUM2000		2,707,906
EX2050010	YN	89X0250	GJ8091	ALUM2000	1,495,000	3,376,000
EX2050010		89X0224	GJ7491	ALUM2023		1,092,842
EX2050020		89X0224	GJ7491	ALUM2000		83,950
EX2062010		89X0224	GJ7491	ALGJ1001		70,000
EX2062020		89X0224	GJ7491	ALGJ1006		4,407
EW1001206		89X0242	GJ7291	ALAL18		10,858
EW1001206		89X0242	GJ7291	ALAL1000SS		55,800
EW1001206		89X0242	GJ7291	ALHQ1005		(25,000)
EW1001209		89X0242	GJ7291	ALAL1000SS		114,460
EW1001209		89X0242	GJ7291	ALHQ770		191,956
EW1001209	TE	89X0242	GJ8291	ALHQ770		(5,060)
EW2010202		89X0242	GJ7291	ALAL17		226
EW2010202		89X0242	GJ7291	ALSA1333		1,128
EW2010202		89X0242	GJ7291	ALSA1334		1,762
EW2010202		89X0242	GJ7291	ALSA1335		166,756
EW2010301		89X0242	GJ7291	ALHQ999920		144,820
EW2010301	TE	89X0242	GJ8291	ALHQ999920		24,300
EW2010301		89X0242	GJ7291	ALHQ999928		45,242
EW2010301		89X0242	GJ7291	ALHQ999939		83,144
EW2010402		89X0242	GJ7291	ALHQ999938		67,203
EW3110010		89X0224	GJ7491	ALAL2		777,297
EW3110010		89X0242	GJ7291	ALAL2		(196,025)
EW3110010	TE	89X0242	GJ8291	ALAL2		(4,000)
EW3110010		89X0242	GJ7291	ALHQ9731-01		118,198
EW3110010	TE	89X0242	GJ8291	HQAL973101		33,600
EW3110010		89X0242	GJ7291	ALHQ9733-01		264,569
EW3110010	TE	89X0242	GJ8291	HQAL973301		(31,283)
EW3110010		89X0242	GJ7291	ALHQ9734-01		37,600
EW3110010		89X0242	GJ7291	ALHQ9735-01		282,000
EW3110010	TE	89X0242	GJ8291	HQAL9735-01	11,000	11,000
EW4035000		89X0242	GJ7291	AL06PS01		(12,789)
EW4040500	TE	89X0242	GJ8291	AL06PS01		4,000
EW4040500	TE	89X0242	GJ8291	AL07PS14		1,270
EW4050000		89X0242	GJ7291	AL06PS01		41,966
EW4050000		89X0242	GJ7291	AL07PS14		9,375

B&R Number		Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW6020060		89X0242	GJ7291	ALHQ1005		101,589
EW7002010		89X0242	GJ7291	ALGJ6109A		1,435
EW7070100		89X0242	GJ7291	ALGJ7601		5,952
EW7070100		89X0242	GJ7291	ALHQ770GJ		88,050
EW7070302		89X0242	GJ7291	ALPP8004		431,688
EW7070302	TE	89X0242	GJ8291	ALPP8004		247,500
EW7070303	TE	89X0242	GJ8291	ALPP8004		2,465,144
EW7070800		89X0242	GJ7291	ALGJ7601		107,260
EW7070800	TE	89X0242	GJ8291	ALGJ7601		0
AF9500000		89X0224	GJ7491			95,000
AF9500000	YA	89X0224	GJ8491			600
CD1012010		89X0226	GJ7691			207,181
CD1012010	XA	89X0226	GJ8691			(1,100)
CD1015010		89X0226	GJ7691			47,696
CD1015020		89X0226	GJ7691			141,228
DP0401050		89X0240	GJ7091			81,991
GG0801000		89X0243	GJ7291			37,126
GG0803000		89X0243	GJ7291			177,782
GG0803000	TF	89X0243	GJ8391			88,461
GG0803000		89X0243	GJ7391			75,422
GG0701206		89X0243	GJ7291			.02
GG0701206	TF	89X0243	GJ8391			450
400403109		89X0240	GJ7093	NASCEMP-9600023		630,231.10
400406000		89X0224	GJ7493	6LA47490001		154,074.52
400408000		89X0224.93	GJ7493	DW8995376701		40,134.64
820101ID9		89X0240	GJ7091	M700077		2,411
820101ID9	YA	89X0224	GJ8491	M700077		(1,732)
820101ID9		89X0224	GJ7091	M700150		40,000
820101ID9		89X0240	GJ7091	M7GJRAD		16,324
820101ID9	TC	89X0240	GJ7091	M7GJRAD		(1,624)
820101ID9	Y8	8980224	GJ8491	M800020		3,500
820101OH9		89X0242	GJ7291	M7G000006		55,349
820101RL9		89X0242	GJ7291	M7AL9OE03		2,065,288

B&R Number		Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
820101RL9	TE	89X0242	GJ8291	M7RAL90E03		1,599,467
820101RL9		89X0242	GJ7291	M6ALJOEOA		384,093
820101RL9		89X0242	GJ7291	M7ALHOLE14		36,526
820201ALH		89X0240	GJ7091			5,294
820201ALH		89X0240	GJ7091	GJ87460		22,157
820201ALH	TC	89X0240	GJ8291	GJ87460		4,114
Modification Total					$ 670,404	
Contract Total						$ 75,908,984.28

3. All other terms and conditions of the contract remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE OF PAGES
	1 | 2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE (See Block 16c)	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
~~A027~~ M027 2/20/98 BD		13-98GJ87335.504, 505, 506 and 507	N/A

6. ISSUED BY	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567		Cheryl A. Thompson (970) 248-6043	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, country, State, and ZIP Code)		9A. AMENDMENT OF SOLICITATION NO.
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503	X	9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335 10B. DATED (SEE ITEM 13) July 22, 1996
CODE	FACILITY CODE	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF

XX D. OTHER (Specify type of modification and authority) Unilateral, FAR 52.232-22 entitled "Limitation of Funds."

E. IMPORTANT: Contractor X is not, is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to revise accounting and appropriation data as provided by Modification A026. Block 14 is revised to obligate funding in the amount of $ 1,214,320.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Cheryl A. Thompson Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Cheryl A. Thompson (Signature of Contracting Officer)	16C. DATE SIGNED 1/31/98

1. SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

Clause B.02, Estimated Cost, Base, Fixed and Award Fee, paragraph i is deleted in tis entirety and replaced with the following.

a. The total amount allotted to this contract is $75,238,580.28(Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1998.

2. SECTION G - CONTRACT ADMINISTRATION DATA

Paragraph G.08 is deleted in its entirety and replaced with the following.

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW405500		89X0242	GJ8291	AL08SD12	$ 524,000	$ 524,000

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 5

2. AMENDMENT/MODIFICATION NO. A026	3. EFFECTIVE DATE (See Block 16c)	4. REQUISITION/PURCHASE REQ. NO. 13-98GJ87335.504, 505, 506 and 507	5. PROJECT NO. (If applicable) N/A

6. [redacted]Y CODE		7. ADMINISTERED BY (If other than Item 6) CODE	
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567		Cheryl A. Thompson (970) 248-6043	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, country, State, and ZIP Code)		(✓)	9A. AMENDMENT OF SOLICITATION NO.
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
			10B. DATED (SEE ITEM 13) July 22, 1996
CODE	FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
XX	D. OTHER (Specify type of modification and authority) Unilateral, FAR 52.232-22 entitled "Limitation of Funds."

E. IMPORTANT: Contractor X is not, is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to obligate funding in the amount of $1,738,320.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Cheryl A. Thompson Contracting Officer	
15B. CONTRACTOR/OFFEROR _____ (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)	16C. DATE SIGNED 1/29/98

1. **SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS**

Clause B.02, Estimated Cost, Base, Fixed and Award Fee, paragraph i is deleted in tis entirety and replaced with the following.

a. The total amount allotted to this contract is $75,762,580.28(Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1998.

2. **SECTION G - CONTRACT ADMINISTRATION DATA**

Paragraph G.08 is deleted in its entirety and replaced with the following.

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2010101		89X0224	GJ7491	ALGJ1002	$	$ 1,243,093
EX2010101	YN	89X0250	GJ8091	ALGJ0002		2,731,000
EX2010102	YN	89X0250	GJ8091	ALGJ0002	(37,717)	18,602,283
EX2010102		89X0224	GJ7491	ALGJ1001		15,751,646
EX2010102		89X0224	GJ7491	ALGJ1003		5,948,263
EX2010301		89X0224	GJ7491	ALGJ1007		42,606
EX2010301		89X0224	GJ7491	ALHQ999928		19,470
EX2010402		89X0224	GJ7491	ALGJ1005		12,168
EX2010403		89X0224	GJ6491	ALGJ1005		356
EX2010403		89X0224	GJ7491	ALGJ1005		64
EX2010450		89X0224	GJ7491	ALGJ1004		803,445
EX2010450	YN	89X0250	GJ8091	ALGJ0006		1,090,000
EX2010500		89X0224	GJ6491	ALGJ1006		24,962
EX2010600		89X0224	GJ7491	ALGJ1008		317,412
EX2010600	YN	89X0250	GJ8091	ALGJ0005		278,000
EX2040010	YN	89X0250	GJ8091	ALUM0001	(87,550)	12,450
EX2040010	YN	89X0250	GJ8091	ALUM0005	100,000	100,000
EX2040010		89X0224	GJ7491	ALUM1362		105,976
EX2040010	YA	89X0224	GJ8491	ALUM1362		(5,000)
EX2040010		89X0224	GJ7491	ALUM1363		192,096
EX2040020	YN	89X0250	GJ8091	ALUM0002		2,035,600
EX2040020		89X0224	GJ7491	ALUM1332		8,433,150

B&R Number		Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2050010		89X0224	GJ7491	ALUM2000		2,707,906
EX2050010	YN	89X0250	GJ8091	ALUM2000		1,881,000
EX2050010		89X0224	GJ7491	ALUM2023		1,092,842
EX2050020		89X0224	GJ7491	ALUM2000		83,950
EX2062010		89X0224	GJ7491	ALGJ1001		70,000
EX2062020		89X0224	GJ7491	ALGJ1006		4,407
EW1001206		89X0242	GJ7291	ALAL18		10,858
EW1001206		89X0242	GJ7291	ALAL1000SS		55,800
EW1001206		89X0242	GJ7291	ALHQ1005		(25,000)
EW1001209		89X0242	GJ7291	ALAL1000SS		114,460
EW1001209		89X0242	GJ7291	ALHQ770		191,956
EW1001209	TE	89X0242	GJ8291	ALHQ770	(5,060)	(5,060)
EW2010202		89X0242	GJ7291	ALAL17		226
EW2010202		89X0242	GJ7291	ALSA1333		1,128
EW2010202		89X0242	GJ7291	ALSA1334		1,762
EW2010202		89X0242	GJ7291	ALSA1335		166,756
EW2010301		89X0242	GJ7291	ALHQ999920		144,820
EW2010301	TE	89X0242	GJ8291	ALHQ999920		24,300
EW2010301		89X0242	GJ7291	ALHQ999928		45,242
EW2010301		89X0242	GJ7291	ALHQ999939		83,144
EW2010402		89X0242	GJ7291	ALHQ999938		67,203
EW3110010		89X0224	GJ7491	ALAL2		777,297
EW3110010		89X0242	GJ7291	ALAL2		(196,025)
EW3110010	TE	89X0242	GJ8291	ALAL2		(4,000)
EW3110010		89X0242	GJ7291	ALHQ9731-01		118,198
EW3110010	TE	89X0242	GJ8291	HQAL973101	33,600	33,600
EW3110010		89X0242	GJ7291	ALHQ9733-01		264,569
EW3110010	TE	89X0242	GJ8291	HQAL973301	(31,283)	(31,283)
EW3110010		89X0242	GJ7291	ALHQ9734-01		37,600
EW3110010		89X0242	GJ7291	ALHQ9735-01		282,000
EW4035000		89X0242	GJ7291	AL06PS01		(12,789)
EW4040500	TE	89X0242	GJ8291	AL06PS01		4,000
EW4040500	TE	89X0242	GJ8291	AL07PS14	1,270	1,270
EW4050000		89X0242	GJ7291	AL06PS01		41,966
EW4050000		89X0242	GJ7291	AL07PS14		9,375

B&R Number		Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW4055000	TE	89X0242	GJ8291	AL08SD12	524,000	524,000
EW6020060		89X0242	GJ7291	ALHQ1005		101,589
EW7002010		89X0242	GJ7291	ALGJ6109A		1,435
EW7070100		89X0242	GJ7291	ALGJ7601		5,952
EW7070100		89X0242	GJ7291	ALHQ770GJ		88,050
EW7070302		89X0242	GJ7291	ALPP8004		431,688
EW7070302	TE	89X0242	GJ8291	ALPP8004		247,500
EW7070303	TE	89X0242	GJ8291	ALPP8004		2,465,144
EW7070800		89X0242	GJ7291	ALGJ7601		107,260
EW7070800	TE	89X0242	GJ8291	ALGJ7601	(68,600)	0
AF9500000		89X0224	GJ7491			95,000
AF9500000	YA	89X0224	GJ8491			600
CD1012010		89X0226	GJ7691			207,181
CD1012010	XA	89X0226	GJ8691		(1,100)	(1,100)
CD1015010		89X0226	GJ7691			47,696
CD1015020		89X0226	GJ7691			141,228
DP0401050		89X0240	GJ7091			81,991
GG0801000		89X0243	GJ7291			37,126
GG0803000		89X0243	GJ7291			177,782
GG0803000	TF	89X0243	GJ8391		88,461	88,461
GG0803000		89X0243	GJ7391			75,422
GG0701206		89X0243	GJ7291			.02
GG0701206	TF	89X0243	GJ8391		450	450
400403109		89X0240	GJ7093	NASCEMP-9600023		630,231.10
400406000		89X0224	GJ7493	6LA47490001		154,074.52
400408000		89X0224.93	GJ7493	DW8995376701		40,134.64
820101ID9		89X0240	GJ7091	M700077		2,411
820101ID9	YA	89X0224	GJ8491	M700077	(1,732)	(1,732)
820101ID9		89X0224	GJ7091	M700150		40,000
820101ID9		89X0240	GJ7091	M7GJRAD		16,324
820101ID9	TC	89X0240	GJ7091	M7GJRAD		(1,624)
820101ID9	Y8	8980224	GJ8491	M800020		3,500
820101OH9		89X0242	GJ7291	M7G000006		55,349
820101RL9		89X0242	GJ7291	M7AL9OE03		2,065,288

B&R Number		Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
820101RL9	TE	89X0242	GJ8291	M7RAL90E03	1,219,467	1,599,467
820101RL9		89X0242	GJ7291	M6ALJOEOA		384,093
820101RL9		89X0242	GJ7291	M7ALHOLE14		36,526
820201ALH		89X0240	GJ7091			5,294
820201ALH		89X0240	GJ7091	GJ87460		22,157
820201ALH	TC	89X0240	GJ8291	GJ87460	4,114	4,114
Modification Total					$ 1,738,320	
Contract Total						$ 75,762,580.28

3. All other terms and conditions of the contract remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 4

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A025	(See Block 16c)	13-98GJ87335.503	N/A

6. [redacted] BY CODE

U.S. Department of Energy
Grand Junction Office
2597 B3/4 Road
Grand Junction, CO 81502-2567

7. ADMINISTERED BY *(If other than Item 6)* CODE

Cheryl A. Thompson
(970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*

MACTEC-ERS
2597 B3/4 Road
Grand Junction, CO 81503

CODE FACILITY CODE

(✓)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
	10B. DATED *(SEE ITEM 13)* July 22, 1996

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

13. [redacted]TEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
XX	D. OTHER *(Specify type of modification and authority)* Unilateral, FAR 52.232-22 entitled "Limitation of Funds."

E. IMPORTANT: Contractor X is not, is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to obligate funding in the amount of $26,330,644.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Barbara E. Smith, Contracting Officer	
15B. CONTRACTOR/OFFEROR _____ *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Barbara E Smith *(Signature of Contracting Officer)*	16C. DATE SIGNED 12/24/97

1. **SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS**

Clause B.02, Estimated Cost, Base, Fixed and Award Fee, paragraph i is deleted in tis entirety and replaced with the following.

a. The total amount allotted to this contract is $74,024,260.28(Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1998.

2. **SECTION G - CONTRACT ADMINISTRATION DATA**

Paragraph G.08 is deleted in its entirety and replaced with the following.

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2010101		89X0224	GJ7491	ALGJ1002	$	$ 1,243,093
EX2010101	YN	89X0250	GJ8091	ALGJ0002	2,731,000	2,731,000
EX2010102	YN	89X0250	GJ8091	ALGJ0002	16,490,000	18,640,000
EX2010102		89X0224	GJ7491	ALGJ1001		15,751,646
EX2010102		89X0224	GJ7491	ALGJ1003		5,948,263
EX2010301		89X0224	GJ7491	ALGJ1007		42,606
EX2010301		89X0224	GJ7491	ALHQ999928		19,470
EX2010402		89X0224	GJ7491	ALGJ1005		12,168
EX2010403		89X0224	GJ6491	ALGJ1005		356
EX2010403		89X0224	GJ7491	ALGJ1005		64
EX2010450		89X0224	GJ7491	ALGJ1004		803,445
EX2010450	YN	89X0250	GJ8091	ALGJ0006	1,090,000	1,090,000
EX2010500		89X0224	GJ6491	ALGJ1006		24,962
EX2010600		89X0224	GJ7491	ALGJ1008		317,412
EX2010600	YN	89X0250	GJ8091	ALGJ0005	278,000	278,000
EX2040010	YN	89X0250	GJ8091	ALUM0001	100,000	100,000
EX2040010		89X0224	GJ7491	ALUM1362		105,976
EX2040010	YA	89X0224	GJ8491	ALUM1362		(5,000)
EX2040010		89X0224	GJ7491	ALUM1363		192,096
EX2040020	YN	89X0250	GJ8091	ALUM0002	2,035,600	2,035,600
EX2040020		89X0224	GJ7491	ALUM1332		8,433,150
EX2050010		89X0224	GJ7491	ALUM2000		2,707,906

B&R Number		Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2050010	YN	89X0250	GJ8091	ALUM2000	1,044,000	1,881,000
EX2050010		89X0224	GJ7491	ALUM2023		1,092,842
EX2050020		89X0224	GJ7491	ALUM2000		83,950
EX2062010		89X0224	GJ7491	ALGJ1001		70,000
EX2062020		89X0224	GJ7491	ALGJ1006		4,407
EW1001206		89X0242	GJ7291	ALAL18		10,858
EW1001206		89X0242	GJ7291	ALAL1000SS		55,800
EW1001206		89X0242	GJ7291	ALHQ1005		(25,000)
EW1001209		89X0242	GJ7291	ALAL1000SS		114,460
EW1001209		89X0242	GJ7291	ALHQ770		191,956
EW2010202		89X0242	GJ7291	ALAL17		226
EW2010202		89X0242	GJ7291	ALSA1333		1,128
EW2010202		89X0242	GJ7291	ALSA1334		1,762
EW2010202		89X0242	GJ7291	ALSA1335		166,756
EW2010301		89X0242	GJ7291	ALHQ999920		144,820
EW2010301	TE	89X0242	GJ8291	ALHQ999920	24,300	24,300
EW2010301		89X0242	GJ7291	ALHQ999928		45,242
EW2010301		89X0242	GJ7291	ALHQ999939		83,144
EW2010402		89X0242	GJ7291	ALHQ999938		67,203
EW3110010		89X0224	GJ7491	ALAL2		777,297
EW3110010		89X0242	GJ7291	ALAL2		(196,025)
EW3110010	TE	89X0242	GJ8291	ALAL2		(4,000)
EW3110010		89X0242	GJ7291	ALHQ9731-01		118,198
EW3110010		89X0242	GJ7291	ALHQ9733-01		264,569
EW3110010		89X0242	GJ7291	ALHQ9734-01		37,600
EW3110010		89X0242	GJ7291	ALHQ9735-01		282,000
EW4035000		89X0242	GJ7291	AL06PS01		(12,789)
EW4040500	TE	89X0242	GJ8291	AL06PS01	4,000	4,000
EW4050000		89X0242	GJ7291	AL06PS01		41,966
EW4050000		89X0242	GJ7291	AL07PS14		9,375
EW6020060		89X0242	GJ7291	ALHQ1005		101,589
EW7002010		89X0242	GJ7291	ALGJ6109A		1,435
EW7070100		89X0242	GJ7291	ALGJ7601		5,952
EW7070100		89X0242	GJ7291	ALHQ770GJ		88,050
EW7070302		89X0242	GJ7291	ALPP8004		431,688
EW7070302	TE	89X0242	GJ8291	ALPP8004		247,500

B&R Number		Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW7070303	TE	89X0242	GJ8291	ALPP8004	2,465,144	2,465,144
EW7070800		89X0242	GJ7291	ALGJ7601		107,260
EW7070800	TE	89X0242	GJ8291	ALGJ7601	68,600	68,600
AF9500000		89X0224	GJ7491			95,000
AF9500000	YA	89X0224	GJ8491			600
CD1012010		89X0226	GJ7691			207,181
CD1015010		89X0226	GJ7691			47,696
CD1015020		89X0226	GJ7691			141,228
DP0401050		89X0240	GJ7091			81,991
GG0801000		89X0243	GJ7291			37,126
GG0803000		89X0243	GJ7291			177,782
GG0803000		89X0243	GJ7391			75,422
GG0701206		89X0243	GJ7291			.02
400403109		89X0240	GJ7093	NASCEMP-9600023		630,231.10
400406000		89X0224	GJ7493	6LA47490001		154,074.52
400408000		89X0224.93	GJ7493	DW8995376701		40,134.64
820101ID9		89X0240	GJ7091	M700077		2,411
820101ID9		89X0224	GJ7091	M700150		40,000
820101ID9		89X0240	GJ7091	M7GJRAD		16,324
820101ID9	TC	89X0240	GJ7091	M7GJRAD		(1,624)
820101ID9	Y8	8980224	GJ8491	M800020		3,500
820101OH9		89X0242	GJ7291	M7G000006		55,349
820101RL9		89X0242	GJ7291	M7AL9OE03		2,065,288
820101RL9	TE	89X0242	GJ8291	M7RAL90E03		380,000
820101RL9		89X0242	GJ7291	M6ALJOEOA		384,093
820101RL9		89X0242	GJ7291	M7ALHOLE14		36,526
820201ALH		89X0240	GJ7091			5,294
820201ALH		89X0240	GJ7091	GJ87460		22,157

Modification Total $ 26,330,644

Contract Total S 74,024,260.28

3. All other terms and conditions of the contract remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 4

2. AMENDMENT/MODIFICATION NO. A024	3. EFFECTIVE DATE (See Block 16c)	4. REQUISITION/PURCHASE REQ. NO. 13-98GJ87335.501 & 502	5. PROJECT NO. (If applicable) N/A

6. ISSUED BY CODE	7. ADMINISTERED BY (If other than Item 6) CODE
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567	Cheryl A. Thompson (970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR (No., street, country, State, and ZIP Code)	(✓)	9A. AMENDMENT OF SOLICITATION NO.
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
		10B. DATED (SEE ITEM 13) July 22, 1996
CODE / FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF

XX D. OTHER (Specify type of modification and authority) **Unilateral, FAR 52.232-22 entitled "Limitation of Funds."**

E. **IMPORTANT:** Contractor X is not, is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to obligate funding in the amount of $3,607,976

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Cheryl A. Thompson Contracting Officer	
15B. CONTRACTOR/OFFEROR _____ (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Cheryl A. Thompson (Signature of Contracting Officer)	16C. DATE SIGNED 12/2/97

1. **SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS**

Clause B.02, Estimated Cost, Base, Fixed and Award Fee, paragraph i is deleted in tis entirety and replaced with the following.

a. The total amount allotted to this contract is $47,693,616.28(Incremental Funding). It is estimated that this amount is sufficient to cover performance through December 31, 1997.

2. **SECTION G - CONTRACT ADMINISTRATION DATA**

Paragraph G.08 is deleted in its entirety and replaced with the following.

G.08 Accounting and Appropriation Data

B&R Number	Fund Type	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2010101		89X0224	GJ7491	ALGJ1002	$	$ 1,243,093
EX2010102	YN	89X0250	GJ8091	ALGJ0002	2,150,000	2,150,000
EX2010102		89X0224	GJ7491	ALGJ1001		15,751,646
EX2010102		89X0224	GJ7491	ALGJ1003		5,948,263
EX2010301		89X0224	GJ7491	ALGJ1007		42,606
EX2010301		89X0224	GJ7491	ALHQ999928		19,470
EX2010402		89X0224	GJ7491	ALGJ1005		12,168
EX2010403		89X0224	GJ6491	ALGJ1005		356
EX2010403		89X0224	GJ7491	ALGJ1005		64
EX2010450		89X0224	GJ7491	ALGJ1004		803,445
EX2010500		89X0224	GJ6491	ALGJ1006		24,962
EX2010600		89X0224	GJ7491	ALGJ1008		317,412
EX2040010		89X0224	GJ7491	ALHQ999914		0
EX2040010		89X0224	GJ7491	ALUM1362		105,976
EX2040010	YA	89X0224	GJ8491	ALUM1362	(5,000)	(5,000)
EX2040010		89X0224	GJ7491	ALUM1363		192,096
EX2040020		89X0224	GJ7491	ALUM1332		8,433,150
EX2050010		89X0224	GJ7491	ALUM2000		2,707,906
EX2050010	YN	89X0250	GJ8091	ALUM2000	837,000	837,000
EX2050010		89X0224	GJ7491	ALUM2023		1,092,842
EX2050020		89X0224	GJ7491	ALUM2000		83,950
EX2062010		89X0224	GJ7491	ALGJ1001		70,000

B&R Number		Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2062020		89X0224	GJ7491	ALGJ1006		4,407
EW1001206		89X0242	GJ7291	ALAL18		10,858
EW1001206		89X0242	GJ7291	ALAL1000SS		55,800
EW1001206		89X0242	GJ7291	ALHQ1005		(25,000)
EW1001209		89X0242	GJ7291	ALAL1000SS		114,460
EW1001209		89X0242	GJ7291	ALHQ770		191,956
EW2010202		89X0242	GJ7291	ALAL17		226
EW2010202		89X0242	GJ7291	ALSA1333		1,128
EW2010202		89X0242	GJ7291	ALSA1334		1,762
EW2010202		89X0242	GJ7291	ALSA1335		166,756
EW2010301		89X0242	GJ7291	ALHQ999920		144,820
EW2010301		89X0242	GJ7291	ALHQ999928		45,242
EW2010301		89X0242	GJ7291	ALHQ999939		83,144
EW2010402		89X0242	GJ7291	ALHQ999938		67,203
EW3110010		89X0224	GJ7491	ALAL2		777,297
EW3110010		89X0242	GJ7291	ALAL2		(196,025)
EW3110010	TE	89X0242	GJ8291	ALAL2	(4,000)	(4,000)
EW3110010		89X0242	GJ7291	ALHQ9731-01		118,198
EW3110010		89X0242	GJ7291	ALHQ9733-01		264,569
EW3110010		89X0242	GJ7291	ALHQ9734-01		37,600
EW3110010		89X0242	GJ7291	ALHQ9735-01		282,000
EW4035000		89X0242	GJ7291	AL06PS01		(12,789)
EW4050000		89X0242	GJ7291	AL06PS01		41,966
EW4050000		89X0242	GJ7291	AL07PS14		9,375
EW6020060		89X0242	GJ7291	ALHQ1005		101,589
EW7002010		89X0242	GJ7291	ALGJ6109A		1,435
EW7070100		89X0242	GJ7291	ALGJ7601		5,952
EW7070100		89X0242	GJ7291	ALHQ770GJ		88,050
EW7070302		89X0242	GJ7291	ALPP8004		431,688
EW7070302	TE	89X0242	GJ8291	ALPP8004	247,500	247,500
EW7070800		89X0242	GJ7291	ALGJ7601		107,260
AF9500000		89X0224	GJ7491			95,000
AF9500000	YA	89X0224	GJ8491		600	600
CD1012010		89X0226	GJ7691			207,181
CD1015010		89X0226	GJ7691			47,696
CD1015020		89X0226	GJ7691			141,228

B&R Number		Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
DP0401050		89X0240	GJ7091			81,991
GG0801000		89X0243	GJ7291			37,126
GG0803000		89X0243	GJ7291			177,782
GG0803000		89X0243	GJ7391			75,422
GG0701206		89X0243	GJ7291			.02
400403109		89X0240	GJ7093	NASCEMP-9600023		630,231.10
400406000		89X0224	GJ7493	6LA47490001		154,074.52
400408000		89X0224.93	GJ7493	DW8995376701		40,134.64
820101ID9		89X0240	GJ7091	M700077		2,411
820101ID9		89X0224	GJ7091	M700150		40,000
820101ID9		89X0240	GJ7091	M7GJRAD		16,324
820101ID9	TC	89X0240	GJ7091	M7GJRAD	(1,624)	(1,624)
820101ID9	Y8	8980224	GJ8491	M800020	3,500	3,500
820101OH9		89X0242	GJ7291	M7G000006		55,349
820101RL9		89X0242	GJ7291	M7AL9OE03		2,065,288
820101RL9	TE	89X0242	GJ8291	M7RAL90E03	380,000	380,000
820101RL9		89X0242	GJ7291	M6ALJOEOA		384,093
820101RL9		89X0242	GJ7291	M7ALHOLE14		36,526
820201ALH		89X0240	GJ7091			5,294
820201ALH		89X0240	GJ7091	GJ87460		22,157
Modification Total					$ 3,607,976	
Contract Total						$ 47,693,616.28

3. All other terms and conditions of the contract remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 4

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A023	(See Block 16c)	13-97GJ87335.523	N/A

6. ISSUED BY CODE

U.S. Department of Energy
Grand Junction Office
2597 B3/4 Road
Grand Junction, CO 81502-2567

7. ADMINISTERED BY *(If other than Item 6)* CODE

Cheryl A. Thompson
(970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*

MACTEC-ERS
2597 B3/4 Road
Grand Junction, CO 81503

CODE FACILITY CODE

(✓)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
	10B. DATED *(SEE ITEM 13)* July 22, 1996

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
XX	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF **FAR 52.232-22, entitled "Limitation of Funds"**
	D. OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is not, X is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to deobligate funding in the amount of $22,886.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*	16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
Dean L. Quamme General Manager	Cheryl A. Thompson Contracting Officer

15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
for DLQ *(Signature of person authorized to sign)*	9/30/97	BY *(Signature of Contracting Officer)*	9/30/97

1. **SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS**

Clause B.02, Estimated Cost, Base, Fixed and Award Fee, paragraph i is deleted in tis entirety and replaced with the following.

a. The total amount allotted to this contract is $44,085,640.28(Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1997.

2. **SECTION G - CONTRACT ADMINISTRATION DATA**

Paragraph G.08 is deleted in its entirety and replaced with the following.

G.08 Accounting and Appropriation Data

B&R Number	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2010101	89X0224	GJ7491	ALGJ1002	$	$ 1,243,093
EX2010102	89X0224	GJ7491	ALGJ1001		15,751,646
EX2010102	89X0224	GJ7491	ALGJ1003		5,948,263
EX2010301	89X0224	GJ7491	ALGJ1007		42,606
EX2010301	89X0224	GJ7491	ALHQ999928		19,470
EX2010402	89X0224	GJ7491	ALGJ1005		12,168
EX2010403	89X0224	GJ6491	ALGJ1005		356
EX2010403	89X0224	GJ7491	ALGJ1005		64
EX2010450	89X0224	GJ7491	ALGJ1004		803,445
EX2010500	89X0224	GJ6491	ALGJ1006		24,962
EX2010600	89X0224	GJ7491	ALGJ1008		317,412
EX2040010	89X0224	GJ7491	ALHQ999914	(3,309)	0
EX2040010	89X0224	GJ7491	ALUM1362		105,976
EX2040010	89X0224	GJ7491	ALUM1363		192,096
EX2040020	89X0224	GJ7491	ALUM1332		8,433,150
EX2050010	89X0224	GJ7491	ALUM2000		2,707,906
EX2050010	89X0224	GJ7491	ALUM2023		1,092,842
EX2050020	89X0224	GJ7491	ALUM2000		83,950
EX2062010	89X0224	GJ7491	ALGJ1001		70,000
EX2062020	89X0224	GJ7491	ALGJ1006		4,407
EW1001206	89X0242	GJ7291	ALAL18		10,858

B&R Number	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW1001206	89X0242	GJ7291	ALAL1000SS		55,800
EW1001206	89X0242	GJ7291	ALHQ1005		(25,000)
EW1001209	89X0242	GJ7291	ALAL1000SS		114,460
EW1001209	89X0242	GJ7291	ALHQ770		191,956
EW2010202	89X0242	GJ7291	ALAL17		226
EW2010202	89X0242	GJ7291	ALSA1333		1,128
EW2010202	89X0242	GJ7291	ALSA1334		1,762
EW2010202	89X0242	GJ7291	ALSA1335		166,756
EW2010301	89X0242	GJ7291	ALHQ999914	(1,985)	0
EW2010301	89X0242	GJ7291	ALHQ999920		144,820
EW2010301	89X0242	GJ7291	ALHQ999928		45,242
EW2010301	89X0242	GJ7291	ALHQ999939		83,144
EW2010402	89X0242	GJ7291	ALHQ999938		67,203
EW3110010	89X0224	GJ7491	ALAL2		777,297
EW3110010	89X0242	GJ7291	ALAL2		(196,025)
EW3110010	89X0242	GJ7291	ALHQ9731-01		118,198
EW3110010	89X0242	GJ7291	ALHQ9733-01		264,569
EW3110010	89X0242	GJ7291	ALHQ9734-01		37,600
EW3110010	89X0242	GJ7291	ALHQ9735-01		282,000
EW4035000	89X0242	GJ7291	AL06PS01		(12,789)
EW4050000	89X0242	GJ7291	AL06PS01		41,966
EW4050000	89X0242	GJ7291	AL07PS14		9,375
EW6020060	89X0242	GJ7291	ALHQ1005	(22,886)	101,589
EW7002010	89X0242	GJ7291	ALGJ6109A		1,435
EW7070100	89X0242	GJ7291	ALGJ7601		5,952
EW7070100	89X0242	GJ7291	ALHQ770GJ		88,050
EW7070302	89X0242	GJ7291	ALPP8004		431,688
EW7070800	89X0242	GJ7291	ALGJ7601		107,260
AF9500000	89X0224	GJ7491			95,000
CD1012010	89X0226	GJ7691			207,181
CD1015010	89X0226	GJ7691			47,696
CD1015020	89X0226	GJ7691			141,228
DP0401050	89X0240	GJ7091			81,991
GG0801000	89X0243	GJ7291			37,126
GG0803000	89X0243	GJ7291			177,782
GG0803000	89X0243	GJ7391			75,422

B&R Number	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
GG0701206	89X0243	GJ7291			.02
400403109	89X0240	GJ7093	NASCEMP-9600023		630,231.10
400406000	89X0224	GJ7493	6LA47490001		154,074.52
400408000	89X0224.93	GJ7493	DW8995376701		40,134.64
820101ID9	89X0240	GJ7091	M700077		2,411
820101ID9	89X0224	GJ7091	M700150		40,000
820101ID9	89X0240	GJ7091	M7GJRAD		16,324
820101OH9	89X0242	GJ7291	M7G000006		55,349
820101RL9	89X0242	GJ7291	M7AL9OE03		2,065,288
820101RL9	89X0242	GJ7291	M6ALJOEOA		384,093
820101RL9	89X0242	GJ7291	M7ALHOLE14		36,526
820201ALH	89X0240	GJ7091		5,294	5,294
820201ALH	89X0240	GJ7091	GJ87460		22,157

Modification Total $ (22,886)

Contract Total $ 44,085,640.28

3. All other terms and conditions of the contract remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 4

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A022	(See Block 16c)	13-97GJ87335.521 & 522	N/A

6. ISSUED BY CODE

U.S. Department of Energy
Grand Junction Office
2597 B3/4 Road
Grand Junction, CO 81502-2567

7. ADMINISTERED BY *(If other than Item 6)* CODE

Cheryl A. Thompson
(970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*

MACTEC-ERS
2597 B3/4 Road
Grand Junction, CO 81503

CODE FACILITY CODE

(✓)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
	10B. DATED *(SEE ITEM 13)* July 22, 1996

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
XX	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF **FAR 52.232-22, entitled "Limitation of Funds"**
	D. OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is not, X is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to deobligate funding in the amount of $1,001,225.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*	16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
DEAN L. QUAMME, General Manager	Barbara E. Smith Contracting Officer

15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)	10/3/97	BY Barbara E Smith *(Signature of Contracting Officer)*	9/30/97

1. SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

Clause B.02, Estimated Cost, Base, Fixed and Award Fee, paragraph i is deleted in tis entirety and replaced with the following.

a. The total amount allotted to this contract is $44,108,526.28(Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1997.

2. SECTION G - CONTRACT ADMINISTRATION DATA

Paragraph G.08 is deleted in its entirety and replaced with the following.

G.08 Accounting and Appropriation Data

B&R Number	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2010101	89X0224	GJ7491	ALGJ1002	$	$ 1,243,093
EX2010102	89X0224	GJ7491	ALGJ1001	178,200	15,751,646
EX2010102	89X0224	GJ7491	ALGJ1003	(700,000)	5,948,263
EX2010301	89X0224	GJ7491	ALGJ1007		42,606
EX2010301	89X0224	GJ7491	ALHQ999928		19,470
EX2010402	89X0224	GJ7491	ALGJ1005		12,168
EX2010403	89X0224	GJ6491	ALGJ1005		356
EX2010403	89X0224	GJ7491	ALGJ1005		64
EX2010450	89X0224	GJ7491	ALGJ1004		803,445
EX2010500	89X0224	GJ6491	ALGJ1006		24,962
EX2010600	89X0224	GJ7491	ALGJ1008		317,412
EX2040010	89X0224	GJ7491	ALHQ999914		3,309
EX2040010	89X0224	GJ7491	ALUM1362		105,976
EX2040010	89X0224	GJ7491	ALUM1363		192,096
EX2040020	89X0224	GJ7491	ALUM1332		8,433,150
EX2050010	89X0224	GJ7491	ALUM2000	(500,000)	2,707,906
EX2050010	89X0224	GJ7491	ALUM2023		1,092,842
EX2050020	89X0224	GJ7491	ALUM2000	16,200	83,950
EX2062010	89X0224	GJ7491	ALGJ1001		70,000
EX2062020	89X0224	GJ7491	ALGJ1006		4,407
EW1001206	89X0242	GJ7291	ALAL18		10,858

B&R Number	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW1001206	89X0242	GJ7291	ALAL1000SS		55,800
EW1001206	89X0242	GJ7291	ALHQ1005		(25,000)
EW1001209	89X0242	GJ7291	ALAL1000SS	(2,000)	114,460
EW1001209	89X0242	GJ7291	ALHQ770		191,956
EW2010202	89X0242	GJ7291	ALAL17		226
EW2010202	89X0242	GJ7291	ALSA1333	1,128	1,128
EW2010202	89X0242	GJ7291	ALSA1334	1,762	1,762
EW2010202	89X0242	GJ7291	ALSA1335	(3,890)	166,756
EW2010301	89X0242	GJ7291	ALHQ999914		1,985
EW2010301	89X0242	GJ7291	ALHQ999920		144,820
EW2010301	89X0242	GJ7291	ALHQ999928		45,242
EW2010301	89X0242	GJ7291	ALHQ999939		83,144
EW2010402	89X0242	GJ7291	ALHQ999938		67,203
EW3110010	89X0224	GJ7491	ALAL2		777,297
EW3110010	89X0242	GJ7291	ALAL2		(196,025)
EW3110010	89X0242	GJ7291	ALHQ9731-01		118,198
EW3110010	89X0242	GJ7291	ALHQ9733-01		264,569
EW3110010	89X0242	GJ7291	ALHQ9734-01		37,600
EW3110010	89X0242	GJ7291	ALHQ9735-01		282,000
EW4035000	89X0242	GJ7291	AL06PS01	(12,879)	(12,789)
EW4050000	89X0242	GJ7291	AL06PS01	12,879	41,966
EW4050000	89X0242	GJ7291	AL07PS14	9,375	9,375
EW6020060	89X0242	GJ7291	ALHQ1005		124,475
EW7002010	89X0242	GJ7291	ALGJ6109A		1,435
EW7070100	89X0242	GJ7291	ALGJ7601		5,952
EW7070100	89X0242	GJ7291	ALHQ770GJ		88,050
EW7070302	89X0242	GJ7291	ALPP8004		431,688
EW7070800	89X0242	GJ7291	ALGJ7601		107,260
AF9500000	89X0224	GJ7491			95,000
CD1012010	89X0226	GJ7691			207,181
CD1015010	89X0226	GJ7691			47,696
CD1015020	89X0226	GJ7691			141,228
DP0401050	89X0240	GJ7091			81,991
GG0801000	89X0243	GJ7291			37,126
GG0803000	89X0243	GJ7291			177,782
GG0803000	89X0243	GJ7391			75,422

B&R Number	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
GG0701206	89X0243	GJ7291			.02
400403109	89X0240	GJ7093	NASCEMP-9600023	(6,000)	630,231.10
400406000	89X0224	GJ7493	6LA47490001	4,000	154,074.52
400408000	89X0224.93	GJ7493	DW8995376701		40,134.64
820101ID9	89X0240	GJ7091	M700077		2,411
820101ID9	89X0224	GJ7091	M700150		40,000
820101ID9	89X0240	GJ7091	M7GJRAD		16,324
820101OH9	89X0242	GJ7291	M7G000006		55,349
820101RL9	89X0242	GJ7291	M7AL9OE03		2,065,288
820101RL9	89X0242	GJ7291	M6ALJOEOA		384,093
820101RL9	89X0242	GJ7291	M7ALHOLE14		36,526
820201ALH	89X0240	GJ7091	GJ87460		22,157
Modification Total				$(1,001,225.00)	
		Contract Total			$ 44,108,526.28

3. All other terms and conditions of the contract remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 4

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A021	(See Block 16c)	13-97GJ87335.517, 518, 519 & 520	N/A

6. BY	CODE	7. ADMINISTERED BY *(If other than Item 6)*	CODE
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567		Cheryl A. Thompson (970) 248-6043	

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*		
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED *(SEE ITEM 11)*
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
		10B. DATED *(SEE ITEM 13)* July 22, 1996
CODE / FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

	ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.
—	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
XX	D. OTHER *(Specify type of modification and authority)* FAR 52.232-22, entitled "Limitation of Funds"

E. IMPORTANT: Contractor X is not, is required to sign this document and return___copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to obligate funding in the amount of $679,230.64

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Cheryl A. Thompson Contracting Officer	
15B. CONTRACTOR/OFFEROR _____ *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Cheryl A. Thompson *(Signature of Contracting Officer)*	16C. DATE SIGNED 9/30/97

1. **SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS**

Clause B.02, Estimated Cost, Base, Fixed and Award Fee, paragraph i is deleted in tis entirety and replaced with the following.

a. The total amount allotted to this contract is $45,109,751.28(Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1997.

2. **SECTION G - CONTRACT ADMINISTRATION DATA**

Paragraph G.08 is deleted in its entirety and replaced with the following.

G.08 Accounting and Appropriation Data

B&R Number	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2010101	89X0224	GJ7491	ALGJ1002	$	$ 1,243,093
EX2010102	89X0224	GJ7491	ALGJ1001		15,573,446
EX2010102	89X0224	GJ7491	ALGJ1003	372,539	6,648,263
EX2010301	89X0224	GJ7491	ALGJ1007		42,606
EW2010301	89X0242	GJ7291	ALHQ999914	1,985	1,985
EX2010301	89X0224	GJ7491	ALHQ999928		19,470
EX2010402	89X0224	GJ7491	ALGJ1005		12,168
EX2010403	89X0224	GJ6491	ALGJ1005		356
EX2010403	89X0224	GJ7491	ALGJ1005	64	64
EX2010450	89X0224	GJ7491	ALGJ1004		803,445
EX2010500	89X0224	GJ6491	ALGJ1006		24,962
EX2010600	89X0224	GJ7491	ALGJ1008		317,412
EX2040010	89X0224	GJ7491	ALHQ999914	3,309	3,309
EX2040010	89X0224	GJ7491	ALUM1362		105,976
EX2040010	89X0224	GJ7491	ALUM1363		192,096
EX2040020	89X0224	GJ7491	ALUM1332		8,433,150
EX2050010	89X0224	GJ7491	ALUM2000	(9,743)	3,207,906
EX2050010	89X0224	GJ7491	ALUM2023		1,092,842
EX2050020	89X0224	GJ7491	ALUM2000	67,750	67,750
EX2062010	89X0224	GJ7491	ALGJ1001	70,000	70,000
EX2062020	89X0224	GJ7491	ALGJ1006		4,407
EW1001206	89X0242	GJ7291	ALAL18		10,858

B&R Number	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW1001206	89X0242	GJ7291	ALAL1000SS		55,800
EW1001206	89X0242	GJ7291	ALHQ1005		(25,000)
EW1001209	89X0242	GJ7291	ALAL1000SS		116,460
EW1001209	89X0242	GJ7291	ALHQ770		191,956
EW2010202	89X0242	GJ7291	ALAL17		226
EW2010202	89X0242	GJ7291	ALSA1335		170,646
EW2010301	89X0242	GJ7291	ALHQ999920		144,820
EW2010301	89X0242	GJ7291	ALHQ999928		45,242
EW2010301	89X0242	GJ7291	ALHQ999939		83,144
EW2010402	89X0242	GJ7291	ALHQ999938		67,203
EW3110010	89X0224	GJ7491	ALAL2		777,297
EW3110010	89X0242	GJ7291	ALAL2		(196,025)
EW3110010	89X0242	GJ7291	ALHQ9731-01	47,698	118,198
EW3110010	89X0242	GJ7291	ALHQ9733-01	31,283	264,569
EW3110010	89X0242	GJ7291	ALHQ9734-01		37,600
EW3110010	89X0242	GJ7291	ALHQ9735-01		282,000
EW4050000	89X0242	GJ7291	AL06PS01		29,177
EW6020060	89X0242	GJ7291	ALHQ1005	26,611	124,475
EW7002010	89X0242	GJ7291	ALGJ6109A		1,435
EW7070100	89X0242	GJ7291	ALGJ7601		5,952
EW7070100	89X0242	GJ7291	ALHQ770GJ	27,600	88,050
EW7070302	89X0242	GJ7291	ALPP8004		431,688
EW7070800	89X0242	GJ7291	ALGJ7601		107,260
AF9500000	89X0224	GJ7491			95,000
CD1012010	89X0226	GJ7691			207,181
CD1015010	89X0226	GJ7691			47,696
CD1015020	89X0226	GJ7691			141,228
DP0401050	89X0240	GJ7091			81,991
GG0801000	89X0243	GJ7291			37,126
GG0803000	89X0243	GJ7291			177,782
GG0803000	89X0243	GJ7391			75,422
GG0701206	89X0243	GJ7291			.02
400403109	89X0240	GJ7093	NASCEMP-9600023		636,231.10
400406000	89X0224	GJ7493	6LA47490001		150,074.52

B&R Number	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
400408000	89X0224.93	GJ7493	DW8995376701	40,134.64	40,134.64
820101ID9	89X0240	GJ7091	M700077		2,411
820101ID9	89X0224	GJ7091	M700150		40,000
820101ID9	89X0240	GJ7091	M7GJRAD		16,324
820101OH9	89X0242	GJ7291	M7G000006		55,349
820101RL9	89X0242	GJ7291	M7AL9OE03		2,065,288
820101RL9	89X0242	GJ7291	M6ALJOEOA		384,093
820101RL9	89X0242	GJ7291	M7ALHOLE14		36,526
820201ALH	89X0240	GJ7091	GJ87460		22,157
	Modification Total			$ 679,230.64	
			Contract Total		$ 45,109,751.28

3. All other terms and conditions of the contract remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 4

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A020	(See Block 16c)	13-97GJ87335.516	N/A

6. ISSUED BY CODE

U.S. Department of Energy
Grand Junction Office
2597 B3/4 Road
Grand Junction, CO 81502-2567

7. ADMINISTERED BY *(If other than Item 6)* CODE

Cheryl A. Thompson
(970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*

MACTEC-ERS
2597 B3/4 Road
Grand Junction, CO 81503

CODE FACILITY CODE

(✓)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
	10B. DATED *(SEE ITEM 13)* July 22, 1996

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
XX	D. OTHER *(Specify type of modification and authority)* FAR 52.232-22, entitled "Limitation of Funds"

E. IMPORTANT: Contractor X is not, is required to sign this document and return___copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to obligate funding in the amount of $10,105,705.66

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Cheryl A. Thompson Contracting Officer	
15B. CONTRACTOR/OFFEROR _____ *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Cheryl A. Thompson *(Signature of Contracting Officer)*	16C. DATE SIGNED 9/4/97

1. **SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS**

Clause B.02, Estimated Cost, Base, Fixed and Award Fee, paragraph i is deleted in tis entirety and replaced with the following.

a. The total amount allotted to this contract is $44,430,520.64(Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1997.

2. **SECTION G - CONTRACT ADMINISTRATION DATA**

Paragraph G.08 is deleted in its entirety and replaced with the following.

G.08 Accounting and Appropriation Data

B&R Number	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2010101	89X0224	GJ7491	ALGJ1002	$ 233,897	$ 1,243,093
EX2010102	89X0224	GJ7491	ALGJ1001	3,462,019	15,573,446
EX2010102	89X0224	GJ7491	ALGJ1003	3,037,108	6,275,724
EX2010301	89X0224	GJ7491	ALGJ1007	38,661	42,606
EX2010301	89X0224	GJ7491	ALHQ999928		403
EX2010402	89X0224	GJ7491	ALGJ1005		12,168
EX2010403	89X0224	GJ6491	ALGJ1005		356
EX2010450	89X0224	GJ7491	ALGJ1004	220,983	803,445
EX2010500	89X0224	GJ6491	ALGJ1006		24,962
EX2010600	89X0224	GJ7491	ALGJ1008	18,909	317,412
EX2040010	89X0224	GJ7491	ALUM1362		105,976
EX2040010	89X0224	GJ7491	ALUM1363	40,188	192,096
EX2040020	89X0224	GJ7491	ALUM1332	886,870	8,433,150
EX2050010	89X0224	GJ7491	ALUM2000	1,053,422	3,217,649
EX2050010	89X0224	GJ7491	ALUM2023	116,841	1,092,842
EX2062020	89X0224	GJ7491	ALGJ1006		4,407
EW1001206	89X0242	GJ7291	ALAL18		10,858
EW1001206	89X0242	GJ7291	ALAL1000SS	55,800	55,800
EW1001206	89X0242	GJ7291	ALHQ1005		(25,000)
EW1001209	89X0242	GJ7291	ALAL1000SS		116,460
EW1001209	89X0242	GJ7291	ALHQ770		191,956
EW2010202	89X0242	GJ7291	ALAL17		226

B&R Number	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW2010202	89X0242	GJ7291	ALSA1335		170,646
EW2010301	89X0242	GJ7291	ALHQ999920	52,533	144,820
EW2010301	89X0242	GJ7291	ALHQ999928	1,304	45,242
EW2010301	89X0224	GJ7491	ALHQ999928	19,067	19,067
EW2010301	89X0242	GJ7291	ALHQ999939		83,144
EW2010402	89X0242	GJ7291	ALHQ999938	31,378	67,203
EW3110010	89X0224	GJ7491	ALAL2		777,297
EW3110010	89X0242	GJ7291	ALAL2		(196,025)
EW3110010	89X0242	GJ7291	ALHQ9731-01		70,500
EW3110010	89X0242	GJ7291	ALHQ9733-01	139,286	233,286
EW3110010	89X0242	GJ7291	ALHQ9734-01		37,600
EW3110010	89X0242	GJ7291	ALHQ9735-01		282,000
EW4050000	89X0242	GJ7291	AL06PS01	12,879	29,177
EW6020060	89X0242	GJ7291	ALHQ1005	47,864	97,864
EW7002010	89X0242	GJ7291	ALGJ6109A		1,435
EW7070100	89X0242	GJ7291	ALGJ7601	5,952	5,952
EW7070100	89X0242	GJ7291	ALHQ770GJ	60,450	60,450
EW7070302	89X0242	GJ7291	ALPP8004		431,688
EW7070800	89X0242	GJ7291	ALGJ7601	59,738	107,260
AF9500000	89X0224	GJ7491			95,000
CD1012010	89X0226	GJ7691			207,181
CD1015010	89X0226	GJ7691			47,696
CD1015020	89X0226	GJ7691			141,228
DP0401050	89X0240	GJ7091			81,991
GG0801000	89X0243	GJ7291			37,126
GG0803000	89X0243	GJ7291		9,997	177,782
GG0803000	89X0243	GJ7391			75,422
GG0701206	89X0243	GJ7291			.02
400403109	89X0240	GJ7093	NASCEMP-9600023		636,231.10
400406000	89X0224	GJ7493	6LA47490001	75,516.66	150,074.52
820101ID9	89X0240	GJ7091	M700077		2,411
820101ID9	89X0224	GJ7091	M700150	40,000	40,000
820101ID9	89X0240	GJ7091	M7GJRAD	950	16,324
820101OH9	89X0242	GJ7291	M7G000006		55,349
820101RL9	89X0242	GJ7291	M7AL9OE03		2,065,288

B&R Number	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
820101RL9	89X0242	GJ7291	M6ALJOEOA	384,093	384,093
820101RL9	89X0242	GJ7291	M7ALHOLE14		36,526
820201ALH	89X0240	GJ7091	GJ87460		22,157

Modification Total $10,105,705.66

Contract Total $ 44,430,520.64

3. All other terms and conditions of the contract remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 4

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
A019	(See Block 16c)	13-97GJ87335.515	N/A

6. ISSUED BY CODE

U.S. Department of Energy
Grand Junction Office
2597 B3/4 Road
Grand Junction, CO 81502-2567

7. ADMINISTERED BY (If other than Item 6) CODE

Cheryl A. Thompson
(970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR (No., street, country, State, and ZIP Code)

MACTEC-ERS
2597 B3/4 Road
Grand Junction, CO 81503

CODE FACILITY CODE

(✓)	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
	10B. DATED (SEE ITEM 13) July 22, 1996

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
XX	D. OTHER (Specify type of modification and authority) FAR 52.232-22, entitled "Limitation of Funds"

E. IMPORTANT: Contractor X is not, is required to sign this document and return___copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to obligate funding in the amount of $2,347,000.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Cheryl A. Thompson Contracting Officer	
15B. CONTRACTOR/OFFEROR _____ (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Cheryl A. Thompson (Signature of Contracting Officer)	16C. DATE SIGNED 7/31/97

1. **SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS**

Clause B.02, Estimated Cost, Base, Fixed and Award Fee, paragraph i is deleted in tis entirety and replaced with the following.

a. The total amount allotted to this contract is $34,324,814.98(Incremental Funding). It is estimated that this amount is sufficient to cover performance through August 31, 1997.

2. **SECTION G - CONTRACT ADMINISTRATION DATA**

Paragraph G.08 is deleted in its entirety and replaced with the following.

G.08 Accounting and Appropriation Data

B&R Number	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2010101	89X0224	GJ7491	ALGJ1002	$ 100,000	$ 1,009,196
EX2010102	89X0224	GJ7491	ALGJ1001	2,000,000	12,111,427
EX2010102	89X0224	GJ7491	ALGJ1003	50,000	3,238,616
EX2010301	89X0224	GJ7491	ALGJ1007		3,945
EX2010301	89X0224	GJ7491	ALHQ999928		403
EX2010402	89X0224	GJ7491	ALGJ1005		12,168
EX2010403	89X0224	GJ6491	ALGJ1005		356
EX2010450	89X0224	GJ7491	ALGJ1004		582,462
EX2010500	89X0224	GJ6491	ALGJ1006		24,962
EX2010600	89X0224	GJ7491	ALGJ1008		298,503
EX2040010	89X0224	GJ7491	ALUM1362		105,976
EX2040010	89X0224	GJ7491	ALUM1363		151,908
EX2040020	89X0224	GJ7491	ALUM1332		7,546,280
EX2050010	89X0224	GJ7491	ALUM2000	200,000	2,164,227
EX2050010	89X0224	GJ7491	ALUM2023		976,001
EX2062020	89X0224	GJ7491	ALGJ1006		4,407
EW1001206	89X0242	GJ7291	ALAL18		10,858
EW1001206	89X0242	GJ7291	ALHQ1005		(25,000)
EW1001209	89X0242	GJ7291	ALAL1000SS		116,460
EW1001209	89X0242	GJ7291	ALHQ770		191,956
EW2010202	89X0242	GJ7291	ALAL17		226
EW2010202	89X0242	GJ7291	ALSA1335		170,646
EW2010301	89X0242	GJ7291	ALHQ999920		92,287

B&R Number	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW2010301	89X0242	GJ7291	ALHQ999928		43,938
EW2010301	89X0242	GJ7291	ALHQ999939		83,144
EW2010402	89X0242	GJ7291	ALHQ999938		35,825
EW3110010	89X0224	GJ7491	ALAL2		777,297
EW3110010	89X0242	GJ7291	ALAL2		(196,025)
EW3110010	89X0242	GJ7291	ALHQ9731-01		70,500
EW3110010	89X0242	GJ7291	ALHQ9733-01		94,000
EW3110010	89X0242	GJ7291	ALHQ9734-01		37,600
EW3110010	89X0242	GJ7291	ALHQ9735-01		282,000
EW4050000	89X0242	GJ7291	AL06PS01		16,298
EW6020060	89X0242	GJ7291	ALHQ1005		50,000
EW7002010	89X0242	GJ7291	ALGJ6109A		1,435
EW7070302	89X0242	GJ7291	ALPP8004		431,688
EW7070800	89X0242	GJ7291	ALGJ7601		47,522
AF9500000	89X0224	GJ7491			95,000
CD1012010	89X0226	GJ7691			207,181
CD1015010	89X0226	GJ7691			47,696
CD1015020	89X0226	GJ7691			141,228
DP0401050	89X0240	GJ7091			81,991
GG0801000	89X0243	GJ7291			37,126
GG0803000	89X0243	GJ7291			167,785
GG0803000	89X0243	GJ7391			75,422
GG0701206	89X0243	GJ7291			.02
400403109	89X0240	GJ7093	NASCEMP-9600023		636,231.10
400406000	89X0224	GJ7493	6LA47490001	(3,000)	74,557.86
820101ID9	89X0240	GJ7091	M700077		2,411
820101ID9	89X0240	GJ7091	M7GJRAD		15,374
820101OH9	89X0242	GJ7291	M7G000006		55,349
820101RL9	89X0242	GJ7291	M7AL9OE03		2,065,288
820101RL9	89X0242	GJ7291	M7ALHOLE14		36,526
820201ALH	89X0240	GJ7091	GJ87460		22,157
Modification Total				$2,347,000.00	
		Contract Total			$ 34,324,814.98

3. All other terms and conditions of the contract remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 4

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A018	(See Block 16c)	13-97GJ87335.512, 513 & 514	N/A

6. BY CODE

U.S. Department of Energy
Grand Junction Office
2597 B3/4 Road
Grand Junction, CO 81502-2567

7. ADMINISTERED BY *(If other than Item 6)* CODE

Cheryl A. Thompson
(970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*

MACTEC-ERS
2597 B3/4 Road
Grand Junction, CO 81503

CODE FACILITY CODE

(✓)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
	10B. DATED *(SEE ITEM 13)* July 22, 1996

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
XX	D. OTHER *(Specify type of modification and authority)* FAR 52.232-22, entitled "Limitation of Funds"

E. IMPORTANT: Contractor X is not, is required to sign this document and return___copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to obligate funding in the amount of $2,207,833.02.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Cheryl A. Thompson Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY Cheryl A. Thompson *(Signature of Contracting Officer)*	4/30/97

1. **SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS**

Clause B.02, Estimated Cost, Base, Fixed and Award Fee, paragraph i is deleted in tis entirety and replaced with the following.

I. The total amount allotted to this contract is $31,977,814.98(Incremental Funding). It is estimated that this amount is sufficient to cover performance through August 31, 1997.

2. **SECTION G - CONTRACT ADMINISTRATION DATA**

Paragraph G.08 is deleted in its entirety and replaced with the following.

G.08 Accounting and Appropriation Data

B&R Number	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2050010	89X0224	GJ7491	ALUM2023	$	$ 976,001
EX2040010	89X0224	GJ7491	ALUM1362		105,976
EX2040010	89X0224	GJ7491	ALUM1363		151,908
EX2040020	89X0224	GJ7491	ALUM1332	1,249,812	7,546,280
EX2050010	89X0224	GJ7491	ALUM2000		1,964,227
EX2010102	89X0224	GJ7491	ALGJ1001		10,111,427
EX2010101	89X0224	GJ7491	ALGJ1002		909,196
EX2010102	89X0224	GJ7491	ALGJ1003		3,188,616
EX2010600	89X0224	GJ7491	ALGJ1008		298,503
EX2010450	89X0224	GJ7491	ALGJ1004		582,462
EW2010402	89X0242	GJ7291	ALHQ999938		35,825
EW2010301	89X0242	GJ7291	ALHQ999920		92,287
DP0401050	89X0240	GJ7091			81,991
EW7002010	89X0242	GJ7291	ALGJ6109A		1,435
EW2010202	89X0242	GJ7291	ALSA1335	(20,506)	170,646
EW2010202	89X0242	GJ7291	ALAL17		226
EW1001206	89X0242	GJ7291	ALAL18		10,858
EW2010301	89X0242	GJ7291	ALHQ999928		43,938
EW2010301	89X0242	GJ7291	ALHQ999939		83,144
GG0801000	89X0243	GJ7291			37,126
GG0803000	89X0243	GJ7291			167,785
GG0701206	89X0243	GJ7291		(30,495.98)	.02
EX2010301	89X0224	GJ7491	ALHQ999928		403

B&R Number	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EW3110010	89X0224	GJ7491	ALAL2		777,297
EW3110010	89X0242	GJ7291	ALAL2	6,580	(196,025)
EW3110010	89X0242	GJ7291	ALHQ9734-01	37,600	37,600
EW3110010	89X0242	GJ7291	ALHQ9735-01	282,000	282,000
EW3110010	89X0242	GJ7291	ALHQ9731-01	70,500	70,500
EW3110010	89X0242	GJ7291	ALHQ9733-01	94,000	94,000
EW1001209	89X0242	GJ7291	ALAL1000SS		116,460
EW1001209	89X0242	GJ7291	ALHQ770		191,956
EX2010402	89X0224	GJ7491	ALGJ1005		12,168
EX2010403	89X0224	GJ6491	ALGJ1005		356
EX2010500	89X0224	GJ6491	ALGJ1006		24,962
400406000	89X0224	GJ7493	6LA47490001		77,557.86
400403109	89X0240	GJ7093	NASCEMP-9600023		636,231.10
820101RL9	89X0242	GJ7291	M7AL9OE03		2,065,288
820101RL9	89X0242	GJ7291	M7ALHOLE14		36,526
EW1001206	89X0242	GJ7291	ALHQ1005		(25,000)
EW6020060	89X0242	GJ7291	ALHQ1005		50,000
EX2010301	89X0224	GJ7491	ALGJ1007		3,945
820101OH9	89X0242	GJ7291	M7G000006		55,349
EW4050000	89X0242	GJ7291	AL06PS01		16,298
820101ID9	89X0240	GJ7091	M7GJRAD	(8,000)	15,374
820101ID9	89X0240	GJ7091	M700077		2,411
820101RL9	89X0242	GJ7291	M7AL9OE03		0
820201ALH	89X0240	GJ7091	GJ87460	22,157	22,157
CD1012010	89X0226	GJ7691			207,181
CD1015010	89X0226	GJ7691			47,696
CD1015020	89X0226	GJ7691			141,228
EW7070800	89X0242	GJ7291	ALGJ7601		47,522
GG0803000	89X0243	GJ7391		47,681	75,422
EX2062020	89X0224	GJ7491	ALGJ1006		4,407
EW7070302	89X0242	GJ7291	ALPP8004	361,505	431,688
AF9500000	89X0224	GJ7491		95,000	95,000
Modification Total				$2,207,833.02	
		Contract Total			$ 31,977,814.98

3. All other terms and conditions of the contract remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE OF PAGES
	1 | 3

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A017	(See Block 16c)	13-97GJ87335.510 & 511	N/A

6. ISSUED BY CODE

U.S. Department of Energy
Grand Junction Office
2597 B3/4 Road
Grand Junction, CO 81502-2567

7. ADMINISTERED BY *(If other than Item 6)* CODE

Cheryl A. Thompson
(970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*

MACTEC-ERS
2597 B3/4 Road
Grand Junction, CO 81503

CODE FACILITY CODE

(✓)	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
	10B. DATED *(SEE ITEM 13)* July 22, 1996

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF

XX D. OTHER *(Specify type of modification and authority)* FAR 52.232-22, entitled "Limitation of Funds"

E. IMPORTANT: Contractor X is not, is required to sign this document and return___copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to obligate funding in the amount of $172,481.10

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Barbara E. Smith Contracting Officer	
15B. CONTRACTOR/OFFEROR *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Barbara E Smith *(Signature of Contracting Officer)*	16C. DATE SIGNED 6/30/97

1. **SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS**

Clause B.02, Estimated Cost, Base, Fixed and Award Fee, paragraph i is deleted in tis entirety and replaced with the following.

I. The total amount allotted to this contract is $29,769,981.96(Incremental Funding). It is estimated that this amount is sufficient to cover performance through July 31, 1997.

2. **SECTION G - CONTRACT ADMINISTRATION DATA**

Paragraph G.08 is deleted in its entirety and replaced with the following.

G.08 Accounting and Appropriation Data

B&R Number	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2050010	89X0224	GJ7491	ALUM2023	$	$ 976,001
EX2040010	89X0224	GJ7491	ALUM1362		105,976
EX2040010	89X0224	GJ7491	ALUM1363		151,908
EX2040020	89X0224	GJ7491	ALUM1332	200,000	6,296,468
EX2050010	89X0224	GJ7491	ALUM2000		1,964,227
EX2010102	89X0224	GJ7491	ALGJ1001		10,111,427
EX2010101	89X0224	GJ7491	ALGJ1002	100,000	909,196
EX2010102	89X0224	GJ7491	ALGJ1003		3,188,616
EX2010600	89X0224	GJ7491	ALGJ1008		298,503
EX2010450	89X0224	GJ7491	ALGJ1004		582,462
EW2010402	89X0242	GJ7291	ALHQ999938		35,825
EW2010301	89X0242	GJ7291	ALHQ999920	10,000	92,287
DP0401050	89X0240	GJ7091		5,134	81,991
EW7002010	89X0242	GJ7291	ALGJ6109A		1,435
EW2010202	89X0242	GJ7291	ALSA1335		191,152
EW2010202	89X0242	GJ7291	ALAL17		226
EW1001206	89X0242	GJ7291	ALAL18		10,858
EW2010301	89X0242	GJ7291	ALHQ999928		43,938
EW2010301	89X0242	GJ7291	ALHQ999939		83,144
GG0801000	89X0243	GJ7291			37,126
GG0803000	89X0243	GJ7291			167,785
GG0701206	89X0243	GJ7291			30,496
EX2010301	89X0224	GJ7491	ALHQ999928		403

EW3110010	89X0224	GJ7491	ALAL2		777,297
EW3110010	89X0242	GJ7291	ALAL2	(202,605)	(202,605)
EW1001209	89X0242	GJ7291	ALAL1000SS		116,460
EW1001209	89X0242	GJ7291	ALHQ770		191,956
EX2010402	89X0224	GJ7491	ALGJ1005		12,168
EX2010403	89X0224	GJ6491	ALGJ1005		356
EX2010500	89X0224	GJ6491	ALGJ1006		24,962
400406000	89X0224	GJ7493	6LA47490001		77,557.86
400403109	89X0240	GJ7093	NASCEMP-9600023	49,423.10	636,231.10
820101RL9	89X0242	GJ7291	M7AL9OE03		2,065,288
820101RL9	89X0242	GJ7291	M7ALHOLE14		36,526
EW1001206	89X0242	GJ7291	ALHQ1005		(25,000)
EW6020060	89X0242	GJ7291	ALHQ1005		50,000
EX2010301	89X0224	GJ7491	ALGJ1007		3,945
820101OH9	89X0242	GJ7291	M7G000006	5,529	55,349
EW4050000	89X0242	GJ7291	AL06PS01		16,298
820101ID9	89X0240	GJ7091	M7GJRAD	5,000	23,374
820101ID9	89X0240	GJ7091	M700077		2,411
820101RL9	89X0242	GJ7291	M7AL9OE03		0
CD1012010	89X0226	GJ7691			207,181
CD1015010	89X0226	GJ7691			47,696
CD1015020	89X0226	GJ7691			141,228
EW7070800	89X0242	GJ7291	ALGJ7601		47,522
GG0803000	89X0243	GJ7391			27,741
EX2062020	89X0224	GJ7491	ALGJ1006		4,407
EW7070302	89X0242	GJ7291	ALPP8004		70,183
	Modification Total			$ 172,481.10	

Contract Total $ 29,769,981.96

3. All other terms and conditions of the contract remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
M016	See Block 16c	AN-NOPR	N/A

6. ISSUED BY CODE	7. ADMINISTERED BY *(If other than Item 6)* CODE
U.S. Department of Energy Grand Junction Projects Office 2597 B 3/4 Road Grand Junction, CO 81503	Cheryl A. Thompson (970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED *(SEE ITEM 11)*
MACTEC-ERS 2597 B 3/4 Road Grand Junction, CO 81503	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
		10B. DATED *(SEE ITEM 13)* July 1, 1996
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See G.08

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
XX	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF mutual agreement of the parties and Public Law 97-653, DOE Reorganization Act
	D. OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is not, X is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to add language regarding performing work outside the contract scope.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*	16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
Dean L. Gramme, General Manager	Cheryl A. Thompson Contracting Officer
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED
(Signature of person authorized to sign)	7/2/97
16B. UNITED STATES OF AMERICA BY *(Signature of Contracting Officer)*	16C. DATE SIGNED 7/7/97

The purpose of this modification is to include a clause in Section H which will allow the contractor to utilize Grand Junction Office Site Employees on other projects they may have outside the scope of this contract.

1. Section H is modified to add the following new clause.

H.41 USE OF GRAND JUNCTION OFFICE SITE EMPLOYEES

The Contractor may utilize its employees working on this contract to perform other work performed by the Contractor outside the scope of work of this contract. This work shall be performed off the Grand Junction Office site on a non-interference basis with DOE work. The work must not present a conflict of interest with work performed under the current contract. The Contractor may not use government facilities, equipment, material or supplies provided under this contract to perform this other work. The costs for this other work will not be charged to this DOE contract or any other Government contract unless a Government entity is the contracting party. All such costs must be segregated from the costs under the current contract.

2. All other terms and conditions of this contract remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
		1 | 19

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
M015	(See Block 16c)	AN-NOPR	N/A

6. ISSUED BY CODE	7. ADMINISTERED BY *(If other than Item 6)* CODE
[redacted]S. Department of Energy Grand Junction Projects Office 2597 B 3/4 Road Grand Junction, CO 81503	Cheryl A. Thompson (970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED *(SEE ITEM 11)*
MACTEC E.R.S. 2597 B 3/4 Road Grand Junction, CO 81503	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
		10B. DATED *(SEE ITEM 13)* July 22, 1996
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

[redacted]	THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
XX	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF mutual agreement of the parties
	D. OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is not, X is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to update the contract terms and conditions.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*	16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
DEAN L. QUANNIE, General Manager	Cheryl A. Thompson Contracting Officer

15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
[redacted] *(Signature of person authorized to sign)*	7/2/97	BY Cheryl A. Thompson *(Signature of Contracting Officer)*	7/7/97

1. Wherever Grand Junction Projects Office is shown in the contract it is deleted and replaced with Grand Junction Office. Also DOE-GJPO is replaced with DOE-GJO wherever it is shown in the contract.

2. Clause B.05, **DOWNWARD ADJUSTMENTS TO BASE AND AWARD FEE POOL**, is deleted in its entirety. This clause is being deleted to encourage the Contractor to be more cost efficient in performing the work scope of this contract.

3. Clause B.06, **ADMINISTRATIVE COST CEILINGS FOR REMEDIAL ACTION SUBCONTRACTS REIMBURSABLE TRAVEL, AND OTHER DIRECT COSTS**, is revised to show the ceiling amount for relocation costs for the Total Base Period to be $697K rather than $350K. This is per the Contractor's request letter dated September 18, 1996.

4. Clause G.04, **THE DOE MANAGER**, is revised as follows to correct the address and include the name of the current manager.

G.04 THE DOE MANAGER

The DOE Manager and address is as follows:

Department of Energy
Grand Junction Office
2597 B 3/4 Road
Grand Junction, CO 81503
ATTN: Jack B. Tillman, Manager

5. Clause G.07, **ANNUAL INDIRECT COST RATE SUBMISSION**, paragraph e is revised to delete Financial Management Division in the address and replace it with Albuquerque Financial Services Center.

6. Clause H.03, **TECHNICAL DIRECTION**, paragraphs b, d, d(1), and e are revised to reference task orders as well as the contract scope of work and to include reference to the Task Order Monitors (TOM). These paragraphs are revised as follows.

   b. Technical direction must be within the scope of work stated in the contract or task orders. The DOE Manager, COR, or TOM do not have the authority to, and may not, issue any technical direction which:

      (1) Constitutes an assignment of additional work outside the SOW;
      (2) Constitutes a change as defined in the contract clause entitled "Changes;"

(3) In any manner causes an increase or decrease in the total price or the time required for contract performance;

(4) Changes any of the expressed terms, conditions, or specifications of the contract; or

(5) Interferes with the Contractor's right to perform the terms and conditions of the contract.

d. The Contractor shall proceed promptly with the performance of technical direction in the manner prescribed by this clause and within the authority under the provisions of this clause. If, in the opinion of the Contractor, any instruction or direction falls within one of the categories defined in b.(1) through (5), above, the Contractor shall not proceed but shall notify the Contracting Officer in writing within five (5) working days after receipt of any such instruction or direction and shall request the Contracting Officer to modify the contract or task order accordingly. Upon receiving the notification from the Contractor, the Contracting Officer shall:

(1) Advise the Contractor in writing within thirty days after receipt of the Contractor's letter that the technical direction is within the scope of the contract or task order effort and does not constitute a change under the "Changes" clause of the contract;

(2) Advise the Contractor within a reasonable time that the Government will issue a written change order.

e. A failure of the Contractor and the Contracting Officer to agree that the technical direction is within the scope of the contract or task order, or a failure to agree upon the contract action to be taken with respect thereto shall be subject to the provisions of the clause entitled "Disputes - Alternate I."

7. Clause H.05, **GOVERNMENT-FURNISHED PROPERTY**, paragraph a is revised as shown below to reference the FOS contract and paragraph b is deleted in its entirety. Paragraph c is renumbered paragraph b and a new paragraph c is added as shown below. These changes were requested by Albuquerque Operations Office.

H.05 GOVERNMENT-FURNISHED PROPERTY

a. Government property for the performance of this contract will be provided on a custodial basis from the Facility Operation and Support Contractor, Contract Number DE-AC13-96GJ87460.

c. The TAR contractor is authorized the use of vehicles from the General Services Administration (GSA) in the performance of the contract and will submit vehicle requirements to the DOE for approval. If approved, the vehicles will be provided through the FOS Contractor, who will manage all GSA vehicles.

8. Clause H.07, KEY/CRITICAL WORK AREA PERSONNEL, is deleted in its entirety and replaced with the following.

KEY/CRITICAL WORK AREA PERSONNEL

In accordance with clause DEAR 952.235-70, KEY PERSONNEL, the personnel specified in Part III, Section J, Attachment D, LISTING OF KEY/CRITICAL PERSONNEL, are considered essential to the work being performed under this contract. Proposed replacements shall be of comparable experience, education, and ability. The above clause contains a requirement for notification to the Contracting Officer reasonably in advance of diverting of, or substitution for, any of these individuals. That period of time shall not be less than thirty (30) days.

Clause H.08, SUBCONTRACTS, paragraphs d and e are deleted in their entirety and replaced with the following paragraph d. This is to revise the contract to incorporate the requirements of Acquisition Letter 96-06.

"d. Prior to the award of any subcontract for advisory and assistance services, the contractor shall obtain from the proposed subcontractor the disclosure required by DEAR 909.570-7 and shall determine in writing whether the interests disclosed present an actual or significant potential for an organizational conflict of interest. Where an actual or significant potential organizational conflict of interest is identified, the contractor shall take actions to avoid, neutralize, or mitigate to the satisfaction of the contractor the organizational conflict. If the conflict cannot be avoided or neutralized, the contractor must obtain the approval of the DOE contracting officer prior to entering into the subcontract.

10. Clause H.09, SERVICES OF CONSULTANTS, paragraphs c and d are deleted in its entirety and replaced with the following paragraph c. This is to revise the contract to incorporate the requirements of Acquisition Letter 96-06.

"c. For all consultants providing advisory and assistance services under this contract, the contractor shall obtain from the proposed consultant the disclosure required by DEAR 909.570-7 and shall determine in writing whether the interests disclosed present an actual or significant potential for an organizational conflict of interest. Where an

actual or significant potential organizational conflict of interest is identified, the contractor shall take actions to avoid, neutralize, or mitigate to the satisfaction of the contractor the organizational conflict. If the conflict cannot be avoided or neutralized, the contractor must obtain the approval of the DOE contracting officer prior to entering into any agreement with the consultant.

11. Clause H.20, **DISTRIBUTION OF AWARD FEE POOL**, is deleted in its entirety and replaced with the following. This is revised to delete the distribution of award fee on DPLH and distribute the fee equally each award fee period based on the contractor's best and final offer.

H.20 DISTRIBUTION OF AWARD FEE POOL

a. Award Fee. For award fee determination purposes, the Contract shall be divided into six-month periods. The Award Fee Pool attributable to each six-month award fee period is shown below.

Award Fee Period	Available Award Fee Pool
10/1/96 - 3/31/97	$ 869,347
4/1/97 - 9/30/97	869,347
10/1/97 - 3/31/98	651,113
4/1/98 - 9/30/98	651,113
10/1/98 - 3/31/99	610,769
4/1/99 - 6/30/99	305,385
Total Available Award Fee Pool	$3,957,074

b. The aggregate amount of all award fee pools shall be limited to the maximum award fee available as specified in Section B, Paragraphs B.02 and B.04, if options are exercised. Award fee denied during any period pursuant to the Contractor Performance Evaluation Plan shall not be available in subsequent periods.

12. Clause H.21, **PAYMENT OF BASE AND AWARD FEE**, paragraph a, is deleted in its entirety and replaced with the following. This is revised to delete the distribution of base fee on DPLH and equally distribute the base fee.

H.21 PAYMENT OF BASE AND AWARD FEE

a. Base Fee. The Government shall make payment of the base fee in equal monthly increments based on the base fee proposed in the MACTEC-ERS Best and Final

Offer dated March 29, 1996 as adjusted for the negotiation of the fixed fee for the period from July 1, 1996 through September 30, 1996.

13. Clause H.22, **PERFORMANCE EVALUATION PLAN,** paragraph a is deleted in its entirety and replaced with the following new paragraph a. This revision is necessary to delete reference to Attachment E which is being deleted from the contract.

a. A Performance Evaluation Plan upon which the determination of award fee shall be based, the criteria under each area evaluated, and the percentage of award fee, if any, available for each area, shall be unilaterally established by the Government. The Performance criteria shall be provided 30 calendar days prior to the start of the first evaluation period.

14. Clause H.25, **GOVERNMENT-FURNISHED FACILITY**, paragraph a, is deleted in its entirety and replaced with the following. This paragraph is revised to delete reference to the space allocation map included in Attachment C. This map is being deleted from the contract.

H.25 GOVERNMENT-FURNISHED FACILITY

a. The Government shall furnish the Contractor, for contract performance at Grand Junction Office, with adequate office space.

15. Clause H.26, **OBSERVANCE OF LEGAL HOLIDAYS**, second paragraph, is deleted in its entirety and replaced with the following. This paragraph is revised to provide for prior written approval of the Contracting Officer if these holidays are changed.

H.26 OBSERVANCE OF LEGAL HOLIDAYS

The Contractor shall conform to these holidays observed by the Government. If the Contractor substitutes different holiday than those stated above, prior written approval of the Contracting Officer must be obtained. Observance of the above days by the Contractor shall not be cause for additional period of performance or entitlement of compensation except as set forth in the contract.

16. Clause H.29, **DOE ORDERS, DIRECTIVES, AND PROCEDURES**, is deleted in its entirety and replaced with the following.

H.29 DOE ORDERS AND DIRECTIVES

a. The Contractor shall comply with those DOE Orders and Directives provided in Part

III, Section J, Attachment H, Applicable DOE Orders. This list of applicable DOE Orders and Directives may be revised by modification to this contract by the Contracting Officer or his/her authorized representative.

b. The Contracting Officer and his/her representatives expressly authorized in writing to do so are the only Government officials authorized to provide explanations as the applicability of DOE Orders and Directives. The Contracting Officer is the only Government official authorized to resolve possible conflicting requirements involving them.

c. Upon receipt of a new or revised Order or Directive, the Contractor shall review it for consistency with the other terms of this contract and for impacts on funding, manpower and other provisions of the contract. If the Contractor considers the Order to be consistent with the other terms of this contract, and the implementation shall not have a negative impact on the cost, schedule, or other obligations of the Contractor, the Contractor shall establish an implementation schedule, and so advise the Contracting Officer within 30 calendar days of receipt.

d. In the event the Contractor considers the Order or Directive to be inconsistent with the other terms of this contract or the requirements of the Order cannot be implemented within existing funding, manpower, and other provisions of the contract, the Contractor shall so advise the Contracting Officer within 30 calendar days of receipt. Such notice shall include the basis for the claimed inconsistency and the projected cost of implementation in excess of current funding, manpower, and other provisions of the contract. If the Contracting Officer determines compliance with the Order constitutes a change, the Contracting Officer shall issue direction to the Contractor, pursuant to the clause entitled "Changes" concerning appropriate implementation of the Order or Directive.

e. The Contractor shall incorporate the substance of this clause with respect to applicable Orders and Directives, excluding any reference to the Changes clause, in subcontracts for performance of work at the site and as directed by the Contracting Officer.

17. Clause H.33, **LIMITATION OF INDIRECT COSTS**, is revised to change the G&A indirect ceiling rates from 2.3% for FY 1996 to 5.22% and to change the indirect G&A ceiling rate for FY 1997 from 2.27% to 2.8%. This is revised per the Contractor's letters dated November 27, 1996 and March 18, 1997.

18. Clause H.34, **COST REDUCTION PROPOSALS**, paragraph b is revised to change the

definition of "Hard dollar savings" limit from not to exceed the current fiscal year and the next fiscal year to not to exceed the contract completion date of June 30, 1999. The definition of "Instant contract" is added to paragraph b. Paragraph g is revised to change the sharing rate from not to exceed 25 percent to delete the words not to exceed.

H.34 COST REDUCTION PROPOSALS

b. Definitions

"Hard dollar savings" as used in this clause, means cost savings which revert to DOE control and may be available for deobligation in the immediate fiscal year or which shall become available for deobligation in the following fiscal years. Such savings may result from a specific cost reduction effort which is broken out from other effort and negotiated on a Cost Plus Incentive Fee (CPIF)/Fixed Price Incentive (FPI)/Firm Fixed Price (FFP) basis or may result directly from innovative new or changed designs, processes and/or methods initiated by the Contractor and applied to a specific project or program. Such new or changed designs, processes and/or methods must demonstrate a departure from business as usual approach by achieving cost effectiveness in excess of that anticipated by the "expected performance" level set forth in the Task Order. Hard dollar savings are the net savings that result from the difference in the estimated cost of performing an effort/project as originally planned and the actual cost of performing that same effort/project utilizing a revised plan intended to reduce costs, along with any development, implementation and possibly administrative costs associated with the revised plan. Such savings must result in funding being returned to the direct control of DOE. Savings resulting from formal or informal direction given by DOE shall not be considered as hard dollar savings and shall not qualify for incentive sharing. The sharing period for hard dollar savings shall be limited, for purposes of the sharing rate set forth in paragraph (g) below shall not exceed the contract completion date of ~~June 30,~~ July 21, 1999. In order to qualify for sharing, savings must be susceptible to deobligation from the instant contract, whether or not such deobligation takes place.

"Sharing period," means the period beginning with the recording of hard dollar savings as defined in this clause and ending no later than the contract completion date of July 21, 1999.

"Instant contract," means the contract under which the CRP is submitted. It does not include services funded after the sharing period for the specified CRP.

"Contractor's development and implementation costs," as used in this clause, means

those costs the Contractor incurs on a CRP specifically in developing and testing the CRP as well as those costs the Contractor incurs to make the changes necessary for DOE acceptance of a CRP.

"DOE costs," as used in this clause, means those DOE costs that result directly from implementing the CRP, such as any net increases in the cost of testing, operations, maintenance, and logistics support. The term does not include the normal administrative costs of processing the CRP.

"Cost Reduction," means the amount of the decrease in cost of performing, without deducting any Contractor's development or implementation costs, resulting from using the CRP on this contract.

g Sharing Rate

If a CRP is accepted, the Contractor's share in net acquisition savings shall be 25 percent of the savings realized by DOE during the defined sharing period. The Contractor agrees that not less than 15 percent of the Contractor's share of savings shall be retained at the site to be distributed to those employees involved in identifying and/or achieving the cost reduction. The specific share arrangement (targets, share lines, ceilings, etc.) For effort negotiated on an incentive basis shall be set forth in the contractual document authorizing the effort.

19. Clause H.41, **MAKE OR BUY PROGRAM**, is being added to the contract.

H.41 MAKE OR BUY PROGRAM

a. The Contractor shall establish a Make or Buy Program which shall be submitted to the Contracting Officer for approval. The program shall include an analysis of proposed subcontracted effort, the criteria for make or buy decisions, the analysis process, a Make or Buy Plan, and semi-annual reports.

b. A final Make or Buy Plan for FY 1998 will be submitted by August 30, 1997 to the Contracting Officer for review and approval.

c. The Make or Buy Plan will identify those major items to be produced, services and work efforts to be performed by any source. "Buy Item" means an item or work effort to be performed by a subcontractor or the Contractor's parent company, affiliates, subsidiaries, or divisions. "Make Item" means an item or work effort to be produced or performed by the prime contractor. The Make or Buy Plan does not need

to (1) address items, services, or work efforts estimated to cost less than $200,000, (2) commercial items or (3) off-the-shelf items. The Contractor's Make or Buy Plan shall contain the following information:

1. A brief description of each major item, service, or work effort and the associated Task Order and Work Breakdown Structure element;

2. Categorization of each major item, service, or work effort as "Make" or "Buy" with detailed reasons for categorizing items and consideration given to core operations, cost-efficiencies and savings, and program-specific considerations.

3. Designation of any other Contractor location proposed to provide "Make" items, services, or work effort.

4. A "Buy" decision for competitive commercial products, off-the-shelf items, construction, or items containing only prices set by law or regulation, will be listed as "competitive" or, if not competitive, will list the proposed subcontractors, if known, with their location and size status;

5. Any recommendations to defer make or buy decisions when categories of some items, services or work effort is impracticable at the time of submission;

6. The impact of make or buy decisions on the Contractor's existing work force and planned decision implementation dates; and

7. Additional information the Contracting Officer may require to evaluate the Plan.

d. For items deferred at the time of initial approval of the Make or Buy Plan, the Contractor shall, at the earliest possible time, notify the Contracting Officer of each proposed addition and provide justification in sufficient detail to permit evaluation and approval.

e. The Contractor shall submit to the Contracting Officer for approval an annual update to the Make or Buy Plan each June 30 (beginning in 1998 for FY 1999) for the following FY. Specific details of the analyses may be requested by the Contracting Officer. The Contractor may propose changes at any time to the approved plan with reasonable notice in advance of the proposed change by notifying the Contracting Officer in writing, submitting justification in sufficient detail to permit evaluation,

and obtaining Contracting Officer approval.

f. Modifications of the Make or Buy Plan to incorporate proposed changes or additions shall be effective upon the Contractor's receipt of the Contracting Officer's written approval.

g. Make or Buy reports shall be submitted to the Contracting Officer two weeks prior to the end of each award fee period and will address the status or decision implementation plans for the period. These reports will begin in FY 1998.

20. Clause I.01, **CLAUSES INCORPORATED BY REFERENCE**, is revised to delete the following clauses which are no longer applicable.

FAR 52.215-30	Facilities Capital Cost of Money	Sept 1987
FAR 52.237-1	Site Visit	Apr 1984

21. Clause I.01, **CLAUSES INCORPORATED BY REFERENCE**, Section II, DEPARTMENT OF ENERGY ACQUISITION REGULATION (48 CFR CHAPTER 9) CLAUSES, is revised to add the following clause which was inadvertently omitted from the original contract.

DEAR 952.235-70	Key Personnel	Apr 1984

22. Clause I.04, **FAR 52.222-42, STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES**, is revised to complete the table shown in the clause.

I.04 FAR 52.222-42, STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES (MAY 1989)

In compliance with the Service Contract Act of 1965, as amended, and the regulations of the Secretary of Labor (29 CFR Part 4), this clause identifies the classes of service employees expected to be employed under the contract and states the wages and fringe benefits payable to each if they were employed by the contracting agency subject to the provisions of 5 U.S.C. 5341 or 5332.

This Statement is for Information Only. It is not a Wage Determination.

Employee Class	Monetary Wage--Fringe Benefit
None	None

23. Clause I.01, CLAUSES INCORPORATED BY REFERENCE, is revised to delete clause 952.209-72, ORGANIZATIONAL CONFLICTS OF INTEREST - SPECIAL CLAUSE, and insert the following new clause for organizational conflicts of interest. This new clause incorporates the requirements of Acquisition Letter 96-06.

I.12 ORGANIZATIONAL CONFLICTS OF INTEREST (JUNE 1996, AL 96-06)

a. Purpose. The purpose of this clause is to ensure that the contractor (1) is not biased because of its financial, contractual, organizational, or other interests which relate to the work under this contract, and (2) does not obtain any unfair competitive advantage over other parties by virtue of its performance of this contract.

b. Scope. The restrictions described herein shall apply to performance or participation by the contractor and any of its affiliates or their successors in interest (hereinafter collectively referred to as "contractor") in the activities covered by this clause as a prime contractor, subcontractor, cosponsor, joint venturer, consultant, or in any similar capacity.

(1) Use of Contractor's Work Product

(I) The contractor shall be ineligible to participate in any capacity in Department contracts, subcontracts, or proposals therefor (solicited and unsolicited) which stem directly from the contractor's performance of work under this contract for a period of five years after the completion of this contract. Furthermore, unless so directed in writing by the contracting officer, the contractor shall not perform any advisory and assistance services work under this contract on any of its products or services or the products or services of another firm if the contractor is or has been substantially involved in their development or marketing. Nothing in this subparagraph shall preclude the contractor from competing for follow-on contracts for advisory and assistance services.

(ii) If, under this contract, the contractor prepares a complete or essentially complete statement of work or specifications to be used in competitive acquisitions, the contractor shall be ineligible to perform or participate in any capacity in any contractual effort which is based on such statement of work or specifications. The contractor shall not incorporate its products or services in such statement of work or specifications unless so directed in writing by the contracting officer,

in which case the restriction in this subparagraph shall not apply.

(iii) Nothing in this paragraph shall preclude the contractor from offering or selling its standards and commercial items to the Government.

(2) Access to and use of information.

(I) If the contractor, in the performance of this contract, obtains access to information, such as Department plans, policies, reports, studies, financial plans, internal data protected by the Privacy Act of 1974 (5 U.S.C. 552a), or data which has not been released or otherwise made available to the public, the contractor agrees that without prior written approval of the contracting officer it shall not: (A) use such information for any private purpose unless the information has been released or otherwise made available to the public; (B) compete for work for the Department based on such information for a period of six (6) months after either the completion of this contract or until such information is released or otherwise made available to the public, whichever is first; (C) submit an unsolicited proposal to the Government which is based on such information until one year after such information is released or otherwise made available to the public; and (D) release such information unless such information has previously been released or otherwise made available to the public by the Department.

(ii) In addition, the contractor agrees that to the extent it receives or is given access to proprietary data, data protected by the Privacy Act of 1974 (5 U.S.C. 552a), or other confidential or privileged technical, business, or financial information under this contract, it shall treat such information in accordance with any restrictions imposed on such information.

(iii) The contractor may use technical data it first produces under this contract for its private purposes consistent with subparagraphs (b)(2)(i)(A) and (D) of this clause and the patent, rights in data, and security provisions of this contract.

(c) Disclosure after award.

(1) The contractor agrees that, if changes, including additions, to the facts

disclosed by it prior to award of this contract, occur during the performance of this contract, it shall make an immediate and full disclosure of such changes in writing to the contracting officer. Such disclosure may include a description of any action which the contractor has taken or proposes to take to avoid, neutralize, or mitigate any resulting conflict of interest. The Department may, however, terminate the contract for convenience if it deems such termination to be in the best interest of the Government.

(2) In the event that the contractor was aware of facts required to be disclosed or the existence of an actual or potential organizational conflict of interest and did not disclose such facts or such conflict of interest to the contracting officer, DOE may terminate this contract for default.

(d) Subcontracts

(1) The contractor shall include a clause, substantially similar to this clause, including this paragraph, in subcontracts expected to exceed the simplified acquisition threshold determined in accordance with 48 CFR (FAR) Part 13 and involving performance of advisory and assistance services as that term is defined at 48 CFR (FAR) 37.201. The term "contract", "contractor", and "contracting officer" shall be appropriately modified to preserve the Government's rights.

(2) Prior to the award under this contract of any such subcontracts for advisory and assistance services, the contractor shall obtain from the proposed subcontractor or consultant the disclosure required by 48 CFR (DEAR) 909.570-7, and shall determine in writing whether the interests disclosed present an actual or significant potential for an organizational conflict of interest. Where an actual or significant potential organizational conflict of interest is identified, the contractor shall take actions to avoid, neutralize, or mitigate to the satisfaction of the contractor the organizational conflict. If the conflict cannot be avoided or neutralized, the contractor must obtain the approval of the DOE contracting officer prior to entering into the subcontract.

(e) Remedies. For breach of any of the above restrictions or for nondisclosure or misrepresentation of any facts required to be disclosed concerning this contract, including the existence of an actual or potential organizational conflict of interest at the time of or after award, the Government may terminate the contract for default, disqualify the contractor from subsequent related contractual efforts, and pursue such other remedies as may be permitted by law or this contract.

(f) Waiver. Requests for waiver under this clause shall be directed in writing to the contracting officer and shall include a full description of the requested waiver and the reasons in support thereof. If it is determined to be in the best interests of the Government, the contracting officer may grant such a waiver in writing.

24. Section J, Attachment A, Statement of Work, Section 7, Government Furnished Property, the second paragraph is deleted in its entirety and replaced with the following. This change is requested by Albuquerque Operations Office.

7.0 GOVERNMENT FURNISHED PROPERTY

The Technical Assistance and Remediation Contractor (TAR) will be provided specific property for use in the performance of this contract on a custodial basis from the Facility and Support (FOS) contract and TAR contract employees will comply with all provisions of the property management system developed by the FOS contractor. This includes signing custodial receipts, and ensuring the FOS contractor is notified of equipment in need of maintenance, calibration, or repair.

Section J, Attachment B, **REPORTING REQUIREMENTS CHECKLIST**, is deleted in its entirety and replaced with the Attachment B to this modification. This is being revised to reflect the current reports required from the contractor.

26. Section J, Attachment C, **GOVERNMENT FURNISHED PROPERTY**, is deleted in its entirety. This attachment is covered in clause H.05 and Section 7 of Attachment A.

27. Section J, Attachment D, **KEY/CRITICAL PERSONNEL QUALIFICATIONS**, is deleted in its entirety and replaced with the Attachment D, **LISTING OF KEY/CRITICAL PERSONNEL** to this modification. This is being revised to delete the qualifications and put in the names of the individuals approved for the positions.

28. Section J, Attachment E, **PERFORMANCE-BASED FEE DETERMINATION PROCEDURES**, is deleted in its entirety. This information is included in the Performance Evaluation Plan provided to the Contractor on a semi-annual basis. Attachment E was included in the Request for Proposal for information purposes.

U.S. DEPARTMENT OF ENERGY
REPORTING REQUIREMENTS CHECKLIST
Section J, Attachment B

1. PROGRAM/PROJECT TITLE	2. IDENTIFICATION NUMBER
Technical Assistance And Remediation	DE-AC13-96GJ87335

3. PARTICIPANT NAME AND ADDRESS
M[redacted]c-Ers
2597 B 3/4 Road, Grand Junction, CO 81503

4. PLANNING AND REPORTING REQUIREMENTS

A. General Management	FREQUENCY
☐ Management Plan	
☒ Status Report	M
☒ Summary Report	M
B. Schedule/Labor/Cost	
☐ Milestone Schedule/Plan	
☐ Labor Plan	
☐ Facilities Capital Cost of Money Factors Computation	
☐ Contract Facilities Capital and Cost of Money	
☐ Cost Plan	
☒ Milestone Schedule/Status	M
☒ Labor Management Report	M
☒ Cost Management Report	M
C. Exception Reports	
☐ Conference Record	
☐ Hot Line Report	
D. Performance Measurement	
☐ Management Control System Description	
☒ WBS Dictionary	A
☐ Index	
☐ Element Definition	
☒ Cost Performance Reports	
☒ Format 1 - WBS	M
☐ Format 2 - Function	
☒ Format 3 - Baseline	M

E. Financial Incentives	FREQUENCY
☐ Statement of Income and Expense	
☐ Balance Sheet	
☐ Cash Flow Statement	
☐ Statement of Changes in Financial Position	
☐ Loan Drawdown Report	
☐ Operating Budget	
☐ Supplementary Information	
F. Technical	
☐ Notice of Energy RD&D Project (Required with any of the following)	
☐ Techincal Progress Report	
☐ Draft for Review	
☐ Final for Approval	
☐ Topical Report	
☐ Final Technical Report	
☐ Draft for Review	
☐ Final for Approval	
☐ Software	
☐ Other (Specify) ____	
G. Other	

5. FREQUENCY CODES

A - As Required	M - Monthly	S - Semi-Annually
C - Change to Contractual Agreement	O - Once After Award	X - With Proposal/Bid/Application or Significant Changes
F - Final (end of effort)	Q - Quarterly	Y - Yearly or Upon Renewal of Contractual Agreement

6. SPECIAL INSTRUCTIONS (ATTACHMENTS)

☒ Report Distrubtion List/Addressees	☐ Analysis Thresholds
☐ Reporting Elements	☐ Work Breakdown Structure
☐ Due Dates	☐ Other

7. PREPARED BY (SIGNATURE AND DATE)	8. REVIEWED BY (SIGNATURE AND DATE)

SECTION J, ATTACHMENT B
REPORT DISTRIBUTION LIST

Report/Plan	Form No.	Frequency	No. Of Copies	Address
Status Report	Monthly Task Order Status Report	M	1,1	D, E
Summary Report	Monthly TAR Summary Report	M	1,1,1,1,1	A, B, C, E, F
Milestone Schedule/Status	Bar Chart Schedule Baseline and Status	M	1,1	D, E
Labor Management Report	Format 1 - Labor Budget and Status	M	1,1,1,1,1	A, B, C, E, F
Cost Management Report	Format 1 - Cost Performance Report Status Report	M	1,1	D, E
WBS Directory	Task Order Assignment & Plan/RAM - WBS	A	1,1	C, E
Format 1 - WBS	Cost Performance Report - Format 1	M	1,1	D, E
Format 3 - Baseline	Cost Performance Report - Format 3	M	1,1	D, E

SECTION J, ATTACHMENT B
DUE DATES

WITHIN X CALENDAR DAYS AFTER EVENT		
Code	Event	Number of Days
A	Precipitating event	5
M	After End of Calendar Month of Reporting Period	15

LIST OF ADDRESSEE

A. Contracting Officer
U. S. Department of Energy
Grand Junction Office
2597 B 3/4 Road
Grand Junction, CO 81503

B. Manager
U. S. Department of Energy
Grand Junction Office
2597 B 3/4 Road
Grand Junction, CO 81503

C. Contracting Officer Representative
U. S. Department of Energy
Grand Junction Office
2597 B 3/4 Road
Grand Junction, CO 81503

D. Task Order Monitor/Sub Task Order Monitor
U. S. Department of Energy
Grand Junction Office
2597 B 3/4 Road
Grand Junction, CO 81503

E. Program Analyst
U. S. Department of Energy
Grand Junction Office
2597 B 3/4 Road
Grand Junction, CO 81503

F. Budget Analyst
U. S. Department of Energy
Grand Junction Office
2597 B 3/4 Road
Grand Junction, CO 81503

ATTACHMENT D
TECHNICAL ASSISTANCE AND REMEDIATION CONTRACTOR
LISTING OF KEY/CRITICAL PERSONNEL

KEY PERSONNEL	NAME
General Manager	Dean Quamme
Self-Assessment Manager	Lyn Johnson
Manager of Administration	Eugene "Skip" Wood
Contract Administration Manager	Larry Thompson
Engineering Manager	Berg Keshian
CRITICAL PERSONNEL	
Manager, Health and Safety	Mike Hurshman
Lead Cost/Schedule Analyst	Terry Stromire
Environmental Services Coordinator	Danni Langdon
Groundwater Program Coordinator	Roberta Bowen
Lead Field Assessment/Physical Scientist	Paul Darr
Lead Design Engineer	Dan Brennecke
Major Projects Manager	Mike Butherus

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 3

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A014	(See Block 16c)	13-97GJ87335.509	N/A

6. BY CODE

U.S. Department of Energy
Grand Junction Office
2597 B3/4 Road
Grand Junction, CO 81502-2567

7. ADMINISTERED BY *(If other than Item 6)* CODE

Cheryl A. Thompson
(970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*

MACTEC-ERS
2597 B3/4 Road
Grand Junction, CO 81503

CODE FACILITY CODE

(✓)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
	10B. DATED *(SEE ITEM 13)* July 22, 1996

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
XX	D. OTHER *(Specify type of modification and authority)* FAR 52.232-22, entitled "Limitation of Funds"

E. IMPORTANT: Contractor X is not, is required to sign this document and return___copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to obligate funding in the amount of $1,719,770.13

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Barbara E. Smith Contracting Officer	
15B. CONTRACTOR/OFFEROR _____ *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Barbara E Smith *(Signature of Contracting Officer)*	16C. DATE SIGNED 5/30/97

1. **SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS**

Clause B.02, Estimated Cost, Base, Fixed and Award Fee, paragraph i is deleted in tis entirety and replaced with the following.

I. The total amount allotted to this contract is $29,597,500.86(Incremental Funding). It is estimated that this amount is sufficient to cover performance through June 30, 1997.

2. **SECTION G - CONTRACT ADMINISTRATION DATA**

Paragraph G.08 is deleted in its entirety and replaced with the following.

G.08 Accounting and Appropriation Data

B&R Number	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2050010	89X0224	GJ7491	ALUM2023	$	$ 976,001
EX2040010	89X0224	GJ7491	ALUM1362		105,976
EX2040010	89X0224	GJ7491	ALUM1363	43,933	151,908
EX2040020	89X0224	GJ7491	ALUM1332	881,771	6,096,468
EX2050010	89X0224	GJ7491	ALUM2000	345,668	1,964,227
EX2010102	89X0224	GJ7491	ALGJ1001		10,111,427
EX2010101	89X0224	GJ7491	ALGJ1002	60,693	809,196
EX2010102	89X0224	GJ7491	ALGJ1003		3,188,616
EX2010600	89X0224	GJ7491	ALGJ1008	101,546	298,503
EX2010450	89X0224	GJ7491	ALGJ1004	86,095	582,462
EW2010402	89X0242	GJ7291	ALHQ999938	8,712	35,825
EW2010301	89X0242	GJ7291	ALHQ999920		82,287
DP0401050	89X0240	GJ7091			76,857
EW7002010	89X0242	GJ7291	ALGJ6109A		1,435
EW2010202	89X0242	GJ7291	ALSA1335		191,152
EW2010202	89X0242	GJ7291	ALAL17		226
EW1001206	89X0242	GJ7291	ALAL18		10,858
EW2010301	89X0242	GJ7291	ALHQ999928		43,938
EW2010301	89X0242	GJ7291	ALHQ999939		83,144
GG0801000	89X0243	GJ7291			37,126
GG0803000	89X0243	GJ7291			167,785
GG0701206	89X0243	GJ7291			30,496
EX2010301	89X0224	GJ7491	ALHQ999928		403

EW3110010	89X0224	GJ7491	ALAL2		777,297
EW1001209	89X0242	GJ7291	ALAL1000SS		116,460
EW1001209	89X0242	GJ7291	ALHQ770		191,956
EX2010402	89X0224	GJ7491	ALGJ1005		12,168
EX2010403	89X0224	GJ6491	ALGJ1005		356
EX2010500	89X0224	GJ6491	ALGJ1006		24,962
400406000	89X0224	GJ7493	6LA47490001	32,595.13	77,557.86
400403109	89X0240	GJ7093	NASCEMP-9600023		586,808
820101RL9	89X0242	GJ7291	M7AL9OE03		2,065,288
820101RL9	89X0242	GJ7291	M7ALHOLE14		36,526
EW1001206	89X0242	GJ7291	ALHQ1005		(25,000)
EW6020060	89X0242	GJ7291	ALHQ1005		50,000
EX2010301	89X0224	GJ7491	ALGJ1007		3,945
820101OH9	89X0242	GJ7291	M7G000006		49,820
EW4050000	89X0242	GJ7291	AL06PS01		16,298
820101ID9	89X0240	GJ7091	M30GJRAD		18,374
820101ID9	89X0240	GJ7091	M700077		2,411
820101RL9	89X0242	GJ7291	M7AL9OE03		0
CD1012010	89X0226	GJ7691		111,061	207,181
CD1015010	89X0226	GJ7691		47,696	47,696
CD1015020	89X0226	GJ7691			141,228
EW7070800	89X0242	GJ7291	ALGJ7601		47,522
GG0803000	89X0243	GJ7391			27,741
EX2062020	89X0224	GJ7491	ALGJ1006		4,407
EW7070302	89X0242	GJ7291	ALPP8004		70,183
	Modification Total			$1,719,770.13	

Contract Total $ 29,597,500.86

3. All other terms and conditions of the contract remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 3

AMENDMENT/MODIFICATION NO. A013	3. EFFECTIVE DATE (See Block 16c)	4. REQUISITION/PURCHASE REQ. NO. 13-97GJ87335.508	5. PROJECT NO. (If applicable) N/A

ISSUED BY CODE	7. ADMINISTERED BY (If other than Item 6) CODE
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567	Cheryl A. Thompson (970) 248-6043

NAME AND ADDRESS OF CONTRACTOR (No., street, country, State, and ZIP Code)		
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
		10B. DATED (SEE ITEM 13) July 22, 1996
DE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

ers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer mitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGE-NT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF JR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each gram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)
See Section G

THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
X	D. OTHER (Specify type of modification and authority) FAR 52.232-22, entitled "Limitation of Funds"

IMPORTANT: Contractor X is not, is required to sign this document and return___copies to the issuing office.

. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to obligate funding in the amount of $70,183

(Continued on Page 2)

ept as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Barbara E. Smith Contracting Officer	
B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Barbara E Smith (Signature of Contracting Officer)	16C. DATE SIGNED 5/14/97

1. SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

Clause B.02, Estimated Cost, Base, Fixed and Award Fee, paragraph i is deleted in tis entirety and replaced with the following.

I. The total amount allotted to this contract is $27,877,730.73(Incremental Funding). It is estimated that this amount is sufficient to cover performance through May 31, 1997.

2. SECTION G - CONTRACT ADMINISTRATION DATA

Paragraph G.08 is deleted in its entirety and replaced with the following.

G.08 Accounting and Appropriation Data

B&R Number	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2050010	89X0224	GJ7491	ALUM2023	$	$ 976,001
EX2040010	89X0224	GJ7491	ALUM1362		105,976
EX2040010	89X0224	GJ7491	ALUM1363		107,975
EX2040020	89X0224	GJ7491	ALUM1332		5,214,697
EX2050010	89X0224	GJ7491	ALUM2000		1,618,559
EX2010102	89X0224	GJ7491	ALGJ1001		10,111,427
EX2010101	89X0224	GJ7491	ALGJ1002		748,503
EX2010102	89X0224	GJ7491	ALGJ1003		3,188,616
EX2010600	89X0224	GJ7491	ALGJ1008		196,957
EX2010450	89X0224	GJ7491	ALGJ1004		496,367
EW2010402	89X0242	GJ7291	ALHQ999938		27,113
EW2010301	89X0242	GJ7291	ALHQ999920		82,287
DP0401050	89X0240	GJ7091			76,857
EW7002010	89X0242	GJ7291	ALGJ6109A		1,435
EW2010202	89X0242	GJ7291	ALSA1335		191,152
EW2010202	89X0242	GJ7291	ALAL17		226
EW1001206	89X0242	GJ7291	ALAL18		10,858
EW2010301	89X0242	GJ7291	ALHQ999928		43,938
EW2010301	89X0242	GJ7291	ALHQ999939		83,144
GG0801000	89X0243	GJ7291			37,126
GG0803000	89X0243	GJ7291			167,785
GG0701206	89X0243	GJ7291			30,496
EX2010301	89X0224	GJ7491	ALHQ999928		403

EW3110010	89X0224	GJ7491	ALAL2		777,297
EW1001209	89X0242	GJ7291	ALAL1000SS		116,460
EW1001209	89X0242	GJ7291	ALHQ770		191,956
EX2010402	89X0224	GJ7491	ALGJ1005		12,168
EX2010403	89X0224	GJ6491	ALGJ1005		356
EX2010500	89X0224	GJ6491	ALGJ1006		24,962
400406000	89X0224	GJ7493	6LA47490001		44,962.73
400403109	89X0240	GJ7093	NASCEMP-9600023		586,808
820101RL9	89X0242	GJ7291	M7AL9OE03		2,065,288
820101RL9	89X0242	GJ7291	M7ALHOLE14		36,526
EW1001206	89X0242	GJ7291	ALHQ1005		(25,000)
EW6020060	89X0242	GJ7291	ALHQ1005		50,000
EX2010301	89X0224	GJ7491	ALGJ1007		3,945
820101OH9	89X0242	GJ7291	M7G000006		49,820
EW4050000	89X0242	GJ7291	AL06PS01		16,298
820101ID9	89X0240	GJ7091	M30GJRAD		18,374
820101ID9	89X0240	GJ7091	M700077		2,411
820101RL9	89X0242	GJ7291	M7AL9OE03		0
CD1012010	89X0226	GJ7691			96,120
CD1015020	89X0226	GJ7691			141,228
EW7070800	89X0242	GJ7291	ALGJ7601		47,522
GG0803000	89X0243	GJ7391			27,741
EX2062020	89X0224	GJ7491	ALGJ1006		4,407
EW7070302	89X0242	GJ7291	ALPP8004	70,183	70,183
	Modification Total			S 70,183	

Contract Total $ 27,877,730.73

3. . All other terms and conditions of the contract remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 3

2. AMENDMENT/MODIFICATION NO. A012	3. EFFECTIVE DATE (See Block 16c)	4. REQUISITION/PURCHASE REQ. NO. 13-97GJ87335.507	5. PROJECT NO. (If applicable) N/A

6. ISSUED BY CODE

U.S. Department of Energy
Grand Junction Office
2597 B3/4 Road
Grand Junction, CO 81502-2567

7. ADMINISTERED BY (If other than Item 6) CODE

Cheryl A. Thompson
(970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR (No., street, country, State, and ZIP Code)

MACTEC-ERS
2597 B3/4 Road
Grand Junction, CO 81503

(✓)	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
	10B. DATED (SEE ITEM 13) July 22, 1996

CODE FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
XX	D. OTHER (Specify type of modification and authority) FAR 52.232-22, entitled "Limitation of Funds"

E. IMPORTANT: Contractor X is not, is required to sign this document and return ___ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to obligate funding in the amount of $3,264,633.00

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Cheryl A. Thompson Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Cheryl A. Thompson (Signature of Contracting Officer)	16C. DATE SIGNED 4/30/97

1. SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

Clause B.02, Estimated Cost, Base, Fixed and Award Fee, paragraph i is deleted in tis entirety and replaced with the following.

I. The total amount allotted to this contract is $27,807,547.73(Incremental Funding). It is estimated that this amount is sufficient to cover performance through May 31, 1997.

2. SECTION G - CONTRACT ADMINISTRATION DATA

Paragraph G.08 is deleted in its entirety and replaced with the following.

G.08 Accounting and Appropriation Data

B&R Number	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2050010	89X0224	GJ7491	ALUM2023	S	S 976,001
EX2040010	89X0224	GJ7491	ALUM1362		105,976
EX2040010	89X0224	GJ7491	ALUM1363	17,262	107,975
EX2040020	89X0224	GJ7491	ALUM1332	392,191	5,214,697
EX2050010	89X0224	GJ7491	ALUM2000	110,998	1,618,559
EX2010102	89X0224	GJ7491	ALGJ1001	737,181	10,111,427
EX2010101	89X0224	GJ7491	ALGJ1002	75,822	748,503
EX2010102	89X0224	GJ7491	ALGJ1003	934,588	3,188,616
EX2010600	89X0224	GJ7491	ALGJ1008		196,957
EX2010450	89X0224	GJ7491	ALGJ1004	143,924	496,367
EW2010402	89X0242	GJ7291	ALHQ999938	768	27,113
EW2010301	89X0242	GJ7291	ALHQ999920		82,287
DP0401050	89X0240	GJ7091			76,857
EW7002010	89X0242	GJ7291	ALGJ6109A		1,435
EW2010202	89X0242	GJ7291	ALSA1335		191,152
EW2010202	89X0242	GJ7291	ALAL17		226
EW1001206	89X0242	GJ7291	ALAL18		10,858
EW2010301	89X0242	GJ7291	ALHQ999928		43,938
EW2010301	89X0242	GJ7291	ALHQ999939	15,032	83,144
GG0801000	89X0243	GJ7291			37,126
GG0803000	89X0243	GJ7291			167,785
GG0701206	89X0243	GJ7291			30,496
EX2010301	89X0224	GJ7491	ALHQ999928		403

EW3110010	89X0224	GJ7491	ALAL2		777,297
EW1001209	89X0242	GJ7291	ALAL1000SS		116,460
EW1001209	89X0242	GJ7291	ALHQ770	26,913	191,956
EX2010402	89X0224	GJ7491	ALGJ1005	1,825	12,168
EX2010403	89X0224	GJ6491	ALGJ1005		356
EX2010500	89X0224	GJ6491	ALGJ1006		24,962
400406000	89X0224	GJ7493	6LA47490001		44,962.73
400403109	89X0240	GJ7093	NASCEMP-9600023		586,808
820101RL9	89X0242	GJ7291	M7AL9OE03	751,133	2,065,288
820101RL9	89X0242	GJ7291	M7ALHOLE14		36,526
EW1001206	89X0242	GJ7291	ALHQ1005		(25,000)
EW6020060	89X0242	GJ7291	ALHQ1005		50,000
EX2010301	89X0224	GJ7491	ALGJ1007		3,945
820101OH9	89X0242	GJ7291	M7G000006		49,820
EW4050000	89X0242	GJ7291	AL06PS01		16,298
820101ID9	89X0240	GJ7091	M30GJRAD		18,374
820101ID9	89X0240	GJ7091	M700077		2,411
820101RL9	89X0242	GJ7291	M7AL9OE03		0
CD1012010	89X0226	GJ7691		11,120	96,120
CD1015020	89X0226	GJ7691		13,728	141,228
EW7070800	89X0242	GJ7291	ALGJ7601		47,522
GG0803000	89X0243	GJ7391		27,741	27,741
EX2062020	89X0224	GJ7491	ALGJ1006	4,407	4,407

Modification Total $ 3,264,633

Contract Total $ 27,807,547.73

3. All other terms and conditions of the contract remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 3

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A011	(See Block 16c)	13-97GJ87335.506	N/A

5 I[redacted]BY CODE	7. ADMINISTERED BY *(If other than Item 6)* CODE
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567	Cheryl A. Thompson (970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*		
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED *(SEE ITEM 11)*
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
		10B. DATED *(SEE ITEM 13)* July 22, 1996
CODE / FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓ [redacted] THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.

	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
XX	D. OTHER *(Specify type of modification and authority)* FAR 52.232-22, entitled "Limitation of Funds"

E. IMPORTANT: Contractor X is not, is required to sign this document and return___copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to obligate funding in the amount of $493,341.73.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Cheryl A. Thompson Contracting Officer	
15B. CONTRACTOR/OFFEROR _____ *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Cheryl A. Thompson *(Signature of Contracting Officer)*	16C. DATE SIGNED 4/2/97

1. **SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS**

Clause B.02, Estimated Cost, Base, Fixed and Award Fee, paragraph i is deleted in tis entirety and replaced with the following.

I. The total amount allotted to this contract is $24,542,914.73(Incremental Funding). It is estimated that this amount is sufficient to cover performance through April 30, 1997.

2. **SECTION G - CONTRACT ADMINISTRATION DATA**

Paragraph G.08 is deleted in its entirety and replaced with the following.

G.08 Accounting and Appropriation Data

B&R Number	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2050010	89X0224	GJ7491	ALUM2023	$	$ 976,001
EX2040010	89X0224	GJ7491	ALUM1362		105,976
EX2040010	89X0224	GJ7491	ALUM1363		90,713
EX2040020	89X0224	GJ7491	ALUM1332		4,822,506
EX2050010	89X0224	GJ7491	ALUM2000		1,507,561
EX2010102	89X0224	GJ7491	ALGJ1001		9,374,246
EX2010101	89X0224	GJ7491	ALGJ1002		672,681
EX2010102	89X0224	GJ7491	ALGJ1003		2,254,028
EX2010600	89X0224	GJ7491	ALGJ1008		196,957
EX2010450	89X0224	GJ7491	ALGJ1004		352,443
EW2010402	89X0242	GJ7291	ALHQ999938		26,345
EW2010301	89X0242	GJ7291	ALHQ999920	12,048	82,287
DP0401050	89X0240	GJ7091			76,857
EW701000	89X0242	GJ7291	ALGJ6109A		1,435
EW2010202	89X0242	GJ7291	ALSA1335		191,152
EW2010202	89X0242	GJ7291	ALAL17		226
EW1001206	89X0242	GJ7291	ALAL18		10,858
EW2010301	89X0242	GJ7291	ALHQ999928		43,938
EW2010301	89X0242	GJ7291	ALHQ999939		68,112
GG0801000	89X0243	GJ7291			37,126
GG0803000	89X0243	GJ7291		167,785	167,785
G0701206	89X0243	GJ7291			30,496
EX2010301	89X0224	GJ7491	ALHQ999928		403

EW1001209	89X0224	GJ7491	ALAL2		777,297
EW1001209	89X0242	GJ7291	ALAL1000SS	57,106	116,460
EW1001209	89X0242	GJ7291	ALHQ770	165,043	165,043
EX2010402	89X0224	GJ6491	ALGJ1005		10,343
EX2010403	89X0224	GJ6491	ALGJ1005		356
EX2010500	89X0224	GJ6491	ALGJ1006		24,962
400406000	89X0224	GJ7493	6LA47490001	4,900.73	44,962.73
400403109	89X0240	GJ7093	NASCEMP-9600023		586,808
820101RL9	89X0242	GJ7291	M7AL9OE03		1,314,155
820101RL9	89Xo242	GJ7291	M7ALHOLE14	36,526	36,526
EW1001206	89X0242	GJ7291	ALHQ1005		(25,000)
EW6020060	89X0242	GJ7291	ALHQ1005		50,000
EX2010301	89X0224	GJ7491	ALGJ1007		3,945
820101OH9	89X0242	GJ7291	M7G000006		49,820
EW4050000	89X0242	GJ7291	AL06PS01		16,298
820101ID9	89X0240	GJ7091	M30GJRAD		18,374
820101ID9	89X0240	GJ7091	M700077	2,411	2,411
DP0401050					0
820101RL9	89X0242	GJ7291	M7AL9OE03		0
CD1012010	89X0226	GJ7691			85,000
CD1015020	89X0226	GJ7691			127,500
EW7070800	89X0242	GJ7291	ALGJ7601	47,522	47,522
Total				$ 493,341.73	
					$ 24,542,914.73

3. All other terms and conditions of the contract remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 3

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
M010	(See Block 16c)	AN-NOPR	N/A

6. ISSUED BY CODE	7. ADMINISTERED BY *(If other than Item 6)* CODE
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567	Cheryl A. Thompson (970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED *(SEE ITEM 11)*
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
		10B. DATED *(SEE ITEM 13)* July 22, 1996
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

	ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
XX	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
	D. OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor X is not, is required to sign this document and return___copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

See Page 2

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Barbara E. Smith Contracting Officer	
15B. CONTRACTOR/OFFEROR _____ *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Barbara E Smith *(Signature of Contracting Officer)*	16C. DATE SIGNED 3/4/97

The purpose of this modification is to combine similiar B&R numbers that were shown as separate line items on modification A009.

1. **SECTION G - CONTRACT ADMINISTRATION DATA**

Paragraph G.08 is deleted in its entirety and replaced with the following.

G.08 Accounting and Appropriation Data

B&R Number	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2050010	89X0224	GJ7491	ALUM2023	S	S 976,001
EX2040010	89X0224	GJ7491	ALUM1362		105,976
EX2040010	89X0224	GJ7491	ALUM1363		90,713
EX2040020	89X0224	GJ7491	ALUM1332		4,822,506
EX2050010	89X0224	GJ7491	ALUM2000		1,507,561
EX2010102	89X0224	GJ7491	ALGJ1001		9,374,246
EX2010101	89X0224	GJ7491	ALGJ1002		672,681
EX2010102	89X0224	GJ7491	ALGJ1003		2,254,028
EX2010600	89X0224	GJ7491	ALGJ1008		196,957
EX2010450	89X0224	GJ7491	ALGJ1004		352,443
EW2010402	89X0242	GJ7291	ALHQ999938		26,345
EW2010301	89X0242	GJ7291	ALHQ999920		70,239
DP0401050	89X0240	GJ7091		14,518	76,857
EW701000	89X0242	GJ7291	ALGJ6109A		1,435
EW2010202	89X0242	GJ7291	ALSA1335		191,152
EW2010202	89X0242	GJ7291	ALAL17		226
EW1001206	89X0242	GJ7291	ALAL18		10,858
EW2010301	89X0242	GJ7291	ALHQ999928		43,938
EW2010301	89X0242	GJ7291	ALHQ999939		68,112
GG0801000	89X0243	GJ7291			37,126
G0701206	89X0243	GJ7291			30,496
EX2010301	89X0224	GJ7491	ALHQ999928		403
EW1001209	89X0224	GJ7491	ALAL2		777,297
EW1001209	89X0242	GJ7291	ALAL1000SS		59,354
EX2010402	89X0224	GJ6491	ALGJ1005		10,343
EX2010403	89X0224	GJ6491	ALGJ1005		356
EX2010500	89X0224	GJ6491	ALGJ1006		24,962

400406000	89X0224	GJ7493	6LA47490001		40,062
400403109	89X0240	GJ7093	NASCEMP-9600023		586,808
820101RL9	89X0242	GJ7291	M7AL9OE03	173,891	1,314,155
EW1001206	89X0242	GJ7291	ALHQ1005		(25,000)
EW6020060	89X0242	GJ7291	ALHQ1005		50,000
EX2010301	89X0224	GJ7491	ALGJ1007		3,945
820101OH9	89X0242	GJ7291	M7G000006		49,820
EW4050000	89X0242	GJ7291	AL06PS01		16,298
820101IDP	89X0240	GJ7091	M30GJRAD		18,374
DP0401050				(14,518)	0
820101RL9	89X0242	GJ7291	M7AL9OE03	(173,891)	0
CD1012010	89X0226	GJ7691			85,000
CD101502D	89X0226	GJ7691			127,500
Total				S 0	S 24,049,573

2. All other terms and conditions of the contract remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 3

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A009	(See Block 16c)	13-97GJ87335.505	N/A

6. BY CODE

U.S. Department of Energy
Grand Junction Office
2597 B3/4 Road
Grand Junction, CO 81502-2567

7. ADMINISTERED BY *(If other than Item 6)* CODE

Cheryl A. Thompson
(970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*

MACTEC-ERS
2597 B3/4 Road
Grand Junction, CO 81503

CODE FACILITY CODE

(✓)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
	10B. DATED *(SEE ITEM 13)* July 22, 1996

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
XX	D. OTHER *(Specify type of modification and authority)* **FAR 52.232-22, entitled "Limitation of Funds"**

E. IMPORTANT: Contractor X is not, is required to sign this document and return___copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to obligate funding in the amount of $3,226,850.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Barbara E. Smith Contracting Officer	
15B. CONTRACTOR/OFFEROR _____ *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Barbara E Smith *(Signature of Contracting Officer)*	16C. DATE SIGNED 3/3/97

1. **SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS**

Clause B.02, Estimated Cost, Base, Fixed and Award Fee, paragraph i is deleted in tis entirety and replaced with the following.

I. The total amount allotted to this contract is $24,049,573 (Incremental Funding). It is estimated that this amount is sufficient to cover performance through March 31, 1997.

2. **SECTION G - CONTRACT ADMINISTRATION DATA**

Paragraph G.08 is deleted in its entirety and replaced with the following.

G.08 Accounting and Appropriation Data

B&R Number	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2050010	89X0224	GJ7491	ALUM2023	$	$ 976,001
EX2040010	89X0224	GJ7491	ALUM1362		105,976
EX2040010	89X0224	GJ7491	ALUM1363	21,128	90,713
EX2040020	89X0224	GJ7491	ALUM1332	1,764,111	4,822,506
EX2050010	89X0224	GJ7491	ALUM2000	424,248	1,507,561
EX2010102	89X0224	GJ7491	ALGJ1001		9,374,246
EX2010101	89X0224	GJ7491	ALGJ1002	189,720	672,681
EX2010102	89X0224	GJ7491	ALGJ1003	312,413	2,254,028
EX2010600	89X0224	GJ7491	ALGJ1008	52,545	196,957
EX2010450	89X0224	GJ7491	ALGJ1004	52,302	352,443
EW2010402	89X0242	GJ7291	ALHQ999938	5,480	26,345
EW2010301	89X0242	GJ7291	ALHQ999920		70,239
DP040105	89X0240	GJ7091			62,339
EW701000	89X0242	GJ7291	ALGJ6109A		1,435
EW2010202	89X0242	GJ7291	ALSA1335		191,152
EW2010202	89X0242	GJ7291	ALAL17		226
EW1001206	89X0242	GJ7291	ALAL18		10,858
EW2010301	89X0242	GJ7291	ALHQ999928		43,938
EW2010301	89X0242	GJ7291	ALHQ999939		68,112
GG0801000	89X0243	GJ7291			37,126
G0701206	89X0243	GJ7291			30,496
EX2010301	89X0224	GJ7491	ALHQ999928		403
EW1001209	89X0224	GJ7491	ALAL2		777,297

EW1001209	89X0242	GJ7291	ALAL1000SS	21,637	59,354
EX2010402	89X0224	GJ6491	ALGJ1005	(5,376)	10,343
EX2010403	89X0224	GJ6491	ALGJ1005	(186)	356
EX2010500	89X0224	GJ6491	ALGJ1006	(12,979)	24,962
400406000	89X0224	GJ7493	6LA47490001		40,062
400403109	89X0240	GJ7093	NASCEMP-9600023		586,808
820101RL9	89X0242	GJ7291			1,140,264
EW1001206	89X0242	GJ7291	ALHQ1005		(25,000)
EW6020060	89X0242	GJ7291	ALHQ1005		50,000
EX2010301	89X0224	GJ7491	ALGJ1007		3,945
820101OH9	89X0242	GJ7291	M7G000006		49,820
EW4050000	89X0242	GJ7291	AL06PS01	898	16,298
820101IDP	89X0240	GJ7091	M30GJRAD		18,374
DP0401050				14,518	14,518
820101RL9	89X0242	GJ7291	M7AL9OE03	173,891	173,891
CD1012010	89X0226	GJ7691		85,000	85,000
CD101502D	89X0226	GJ7691		127,500	127,500
Total				$3,226,850	$ 24,049,573

3. All other terms and conditions of the contract remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 3

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A008	(See Block 16c)	13-97GJ87335.504	N/A

6. ISSUED BY CODE	7. ADMINISTERED BY *(If other than Item 6)* CODE
[redacted] U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567	Cheryl A. Thompson (970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED *(SEE ITEM 11)*
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
		10B. DATED *(SEE ITEM 13)* July 22, 1996
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

[redacted]	THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
XX	D. OTHER *(Specify type of modification and authority)* FAR 52.232-22, entitled "Limitation of Funds"

E. IMPORTANT: Contractor X is not, is required to sign this document and return ___ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to obligate funding in the amount of $156,753.

(Continued on Page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Cheryl A. Thompson Contracting Officer	
15B. CONTRACTOR/OFFEROR [redacted] *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Cheryl A. Thompson *(Signature of Contracting Officer)*	16C. DATE SIGNED 2/4/97

1. SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

Clause B.02, Estimated Cost, Base, Fixed and Award Fee, paragraph i is deleted in tis entirety and replaced with the following.

I. The total amount allotted to this contract is $20,979,476 (Incremental Funding). It is estimated that this amount is sufficient to cover performance through March 31, 1997.

2. SECTION G - CONTRACT ADMINISTRATION DATA

Paragraph G.08 is deleted in its entirety and replaced with the following.

G.08 Accounting and Appropriation Data

B&R Number	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2050010	89X0224	GJ7491	ALUM2023	$	$ 976,001
EX2040010	89X0224	GJ7491	ALUM1362	90,700	105,976
EX2040010	89X0224	GJ7491	ALUM1363		69,585
EX2040020	89X0224	GJ7491	ALUM1332		3,058,395
EX2050010	89X0224	GJ7491	ALUM2000		1,083,313
EX2010102	89X0224	GJ7491	ALGJ1001		9,374,246
EX2010101	89X0224	GJ7491	ALGJ1002		482,961
EX2010102	89X0224	GJ7491	ALGJ1003		1,941,615
EX2010600	89X0224	GJ7491	ALGJ1008		144,412
EX2010450	89X0224	GJ7491	ALGJ1004		300,141
EW2010402	89X0242	GJ7291	ALHQ999938		20,865
EW2010301	89X0242	GJ7291	ALHQ999920		70,239
DP0401050	89X0240	GJ7091			62,339
EW7010000	89X0242	GJ7291	ALGJ6109A	(5,137)	1,235
EW2010202	89X0242	GJ7291	ALSA1335		191,152
EW2010202	89X0242	GJ7291	ALAL17		226
EW1001206	89X0242	GJ7291	ALAL18		10,858
EW2010301	89X0242	GJ7291	ALHQ999928		43,938
EW2010301	89X0242	GJ7291	ALHQ999939	38,849	68,112
GG0801000	89X0243	GJ7291			37,126
G07012060	89X0243	GJ7291			30,496
EX2010301	89X0224	GJ7491	ALHQ999928		403
EW1001209	89X0224	GJ7491	ALAL2		777,297
EW1001209	89X0242	GJ7291	ALAL1000SS	13,967	37,717

EX2010402	89X0224	GJ6491	ALGJ1005		15,719
EX2010403	89X0224	GJ6491	ALGJ1005		542
EX2010500	89X0224	GJ6491	ALGJ1006		37,941
400406000	89X0224	GJ7493	6LA47490001		40,062
400403109	89X0240	GJ7093	NASCEMP-9600023		586,808
820101RL9	89X0242	GJ7291			1,140,264
EW1001206	89X0242	GJ7291	ALHQ1005		(25,000)
EW6020060	89X0242	GJ7291	ALHQ1005		50,000 *
EX2010301	89X0224	GJ7491	ALGJ1007		3,945
820101OH9	89X0242	GJ7291	M7G000006		49,820
EW4050000	89X0242	GJ7291	AL07PS01		15,400
820101ID9	89X0240	GJ7091	M30GJRAD	18,374	18,374
Total				$ 156,753	$ 20,822,723

* The correct cumulative obligations for this B&R number should be $50,000 instead of the $25,000 shown on modification A007.

3. All other terms and conditions of the contract remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 3

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
A007	(See Block 16c)	13-97GJ87335.503	N/A

6. ISSUED BY CODE	7. ADMINISTERED BY (If other than Item 6) CODE
U.S. Department of Energy Grand Junction Office 2597 B3/4 Road Grand Junction, CO 81502-2567	Cheryl A. Thompson (970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR (No., street, country, State, and ZIP Code)	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
MACTEC-ERS 2597 B3/4 Road Grand Junction, CO 81503	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
		10B. DATED (SEE ITEM 13) July 22, 1996
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
XX	D. OTHER (Specify type of modification and authority) FAR 52.232-22, entitled "Limitation of Funds"

E. IMPORTANT: Contractor is not, X is required to sign this document and return _3_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to deobligate funding in the amount of $36,622 and to correct the cumulative obligations shown for B&R number EW6020060 on modification A006.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
[illegible] L. QUAMME - General Manager	Barbara E. Smith Contracting Officer
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED
[illegible] Quamme (Signature of person authorized to sign)	1/2/97
16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
BY Barbara E Smith (Signature of Contracting Officer)	1/3/97

1. SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

Clause B.02, Estimated Cost, Base, Fixed and Award Fee, paragraph i is deleted in tis entirety and replaced with the following.

i. The total amount allotted to this contract is $20,665,970 (Incremental Funding). It is estimated that this amount is sufficient to cover performance through December 31, 1996.

2. SECTION G - CONTRACT ADMINISTRATION DATA

Paragraph G.08 is deleted in its entirety and replaced with the following.

G.08 Accounting and Appropriation Data

B&R Number	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2050010	89X0224	GJ7491	ALUM2023	S	S 976,001
EX2040010	89X0224	GJ7491	ALUM1362		15,276
EX2040010	89X0224	GJ7491	ALUM1363		69,585
EX2040020	89X0224	GJ7491	ALUM1332		3,058,395
EX2050010	89X0224	GJ7491	ALUM2000		1,083,313
EX2010102	89X0224	GJ7491	ALGJ1001		9,374,246
EX2010101	89X0224	GJ7491	ALGJ1002		482,961
EX2010102	89X0224	GJ7491	ALGJ1003		1,941,615
EX2010600	89X0224	GJ7491	ALGJ1008		144,412
EX2010450	89X0224	GJ7491	ALGJ1004		300,141
EW2010402	89X0242	GJ7291	ALHQ999938		20,865
EW2010301	89X0242	GJ7291	ALHQ999920		70,239
DP040105	89X0240	GJ7091			62,339
EW701000	89X0242	GJ7291	ALGJ6109A		6,572
EW2010202	89X0242	GJ7291	ALSA1335		191,152
EW2010202	89X0242	GJ7291	ALAL17		226
EW1001206	89X0242	GJ7291	ALAL18		10,858
EW2010301	89X0242	GJ7291	ALHQ999928	(36,622)	43,938
EW2010301	89X0242	GJ7291	ALHQ999939		29,263
GG0801000	89X0243	GJ7291			37,126
GG0701206	89X0243	GJ7291			30,496
EX2010301	89X0224	GJ7491	ALHQ999928		403
EW1001209	89X0224	GJ7491	ALAL2		777,297
EW1001209	89X0242	GJ7291	ALAL1000SS		23,750
EX2010402	89X0224	GJ6491	ALGJ1005		15,719

EX2010403	89X0224	GJ6491	ALGJ1005		542
EX2010500	89X0224	GJ6491	ALGJ1006		37,941
400406000	89X0224	GJ7493	6LA47490001		40,062
400403109	89X0240	GJ7093	NASCEMP-9600023		586,808
820101RL9	89X0242	GJ7291			1,140,264
EW1001206	89X0242	GJ7291	ALHQ1005		(25,000)
EW6020060	89X0242	GJ7291	ALHQ1005		50,000 *
EX2010301	89X0224	GJ7491	ALGJ1007		3,945
820101OH9	89X0242	GJ7291	M7G000006		49,820
EW4050000	89X0242	GJ7291	AL07PS01		15,400
Total				S (36,622)	S20,665,970

* The correct cumulative obligations for this B&R number should be S50,000 instead of the S25,000 shown on modification A007.

3. All other terms and conditions of the contract remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 3

2. AMENDMENT/MODIFICATION NO. A006	3. EFFECTIVE DATE (See Block 16c)	4. REQUISITION/PURCHASE REQ. NO. 13-97GJ87335.502	5. PROJECT NO. (If applicable) N/A

6. ISSUED BY CODE	7. ADMINISTERED BY (If other than Item 6) CODE
U.S. Department of Energy Grand Junction Projects Office 2597 B 3/4 Road Grand Junction, CO 81502-2567	Cheryl A. Thompson (970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR (No., street, country, State, and ZIP Code)	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
MACTEC E.R.S. 2597 B 3/4 Road Grand Junction, CO 81503	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-95GJ87335
		10B. DATED (SEE ITEM 13) July 22, 1996
CODE / FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
XX	D. OTHER (Specify type of modification and authority) FAR 52.232-22, entitled "Limitation of Funds"

E. IMPORTANT: Contractor X is not, is required to sign this document and return ___ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to obligate funding in the amount of $7,245,647.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Barbara E. Smith Contracting Officer	
15B. CONTRACTOR/OFFEROR _____ (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Barbara E Smith (Signature of Contracting Officer)	16C. DATE SIGNED 11/25/96

1. SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

Clause B.02, Estimated Cost, Base, Fixed and Award Fee, paragraph i is deleted in tis entirety and replaced with the following.

i. The total amount allotted to this contract is $20,702,592 (Incremental Funding). It is estimated that this amount is sufficient to cover performance through December 31, 1996.

2. SECTION G - CONTRACT ADMINISTRATION DATA

Paragraph G.08 is deleted in its entirety and replaced with the following.

G.08 Accounting and Appropriation Data

B&R Number	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2050010	89X0224	GJ7491	ALUM2023	$ 111,136	$ 976,001
EX2040010	89X0224	GJ7491	ALUM1362		15,276
EX2040010	89X0224	GJ7491	ALUM1363	22,229	69,585
EX2040020	89X0224	GJ7491	ALUM1332	1,430,079	3,058,395
EX2050010	89X0224	GJ7491	ALUM2000	390,843	1,083,313
EX2010102	89X0224	GJ7491	ALGJ1001	3,387,848	9,374,246
EX2010101	89X0224	GJ7491	ALGJ1002	148,228	482,961
EX2010102	89X0224	GJ7491	ALGJ1003	381,387	1,941,615
EX2010600	89X0224	GJ7491	ALGJ1008	66,642	144,412
EX2010450	89X0224	GJ7491	ALGJ1004	107,635	300,141
EW2010402	89X0242	GJ7291	ALHQ999938	7,550	20,865
EW2010301	89X0242	GJ7291	ALHQ999920	11,113	70,239
DP040105	89X0240	GJ7091		26,008	62,339
EW701000	89X0242	GJ7291	ALGJ6109A		6,572
EW2010202	89X0242	GJ7291	ALSA1335	7,978	191,152
EW2010202	89X0242	GJ7291	ALAL17		226
EW1001206	89X0242	GJ7291	ALAL18		10,858
EW2010301	89X0242	GJ7291	ALHQ999928	52,507	80,560
EW2010301	89X0242	GJ7291	ALHQ999939		29,263
GG0801000	89X0243	GJ7291			37,126
GG0701206	89X0243	GJ7291			30,496
EX2010301	89X0224	GJ7491	ALHQ999928		403
EW1001209	89X0224	GJ7491	ALAL2	330,067	777,297

EW1001209	89X0242	GJ7291	ALAL1000SS	23,750	23,750
EX2010402	89X0224	GJ6491	ALGJ1005		15,719
EX2010403	89X0224	GJ6491	ALGJ1005		542
EX2010500	89X0224	GJ6491	ALGJ1006		37,941
400406000	89X0224	GJ7493	6LA47490001	25,320	40,062
400403109	89X0240	GJ7093	NASCEMP-9600023	129,349	586,808
820101RL9	89X0242	GJ7291		520,758	1,140,264
EW1001206	89X0242	GJ7291	ALHQ1005	(25,000)	(25,000)
EW6020060	89X0242	GJ7291	ALHQ1005		25,000
EX2010301	89X0224	GJ7491	ALGJ1007		3,945
820101OH9	89X0242	GJ7291	M7G000006	49,820	49,820
EW4050000	89X0242	GJ7291	AL07PS01	15,400	15,400
Total				$ 7,245,647	$20,702,592

3. All other terms and conditions of the contract remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 3

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A005	See block 16c	13-97GJ87335.501	N/A

6. ISSUED BY CODE	7. ADMINISTERED BY *(If other than Item 6)* CODE
U.S. Department of Energy Grand Junction Projects Office 2597 B 3/4 Road Grand Junction, CO 81502-2567	Cheryl A. Thompson (970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED *(SEE ITEM 11)*
MACTEC E.R.S. 2597 B 3/4 Road Grand Junction, CO 81502	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-96GJ87335
		10B. DATED *(SEE ITEM 13)* July 22, 1996
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
XX	D. OTHER *(Specify type of modification and authority)* FAR 52.232-22, entitled "Limitation of Funds"

E. IMPORTANT: Contractor X is not, is required to sign this document and return ___ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to obligate funding in the amount of $9,109,117.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Cheryl A. Thompson Contracting Officer	
15B. CONTRACTOR/OFFEROR _____ *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ *(Signature of Contracting Officer)*	16C. DATE SIGNED 10/30/96

1. SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

Clause B.02, Estimated Cost, Base, Fixed and Award Fee, paragraph i is deleted in tis entirety and replaced with the following.

i. The total amount allotted to this contract is $13,456,945 (Incremental Funding). It is estimated that this amount is sufficient to cover performance through November 30, 1996.

2. SECTION G - CONTRACT ADMINISTRATION DATA

Paragraph G.08 is deleted in its entirety and replaced with the following.

G.08 Accounting and Appropriation Data

B&R Number	Approp. Symbol	Allot Symbol	ADS/Other	Amount Obligated This Action	Cumulative Obligations
EX2050010	89X0224	GJ7491	ALUM2023	$ 253,845	$ 864,865
EX2040010	89X0224	GJ7491	ALUM1362	9,591	15,276
EX2040010	89X0224	GJ7491	ALUM1363	35,986	47,356
EX2040020	89X0224	GJ7491	ALUM1332	1,076,873	1,628,316
EX2050010	89X0224	GJ7491	ALUM2000	551,171	692,470
EX2010102	89X0224	GJ7491	ALGJ1001	4,571,106	5,986,398
EX2010101	89X0224	GJ7491	ALGJ1002	202,841	334,733
EX2010102	89X0224	GJ7491	ALGJ1003	898,467	1,560,228
EX2010600	89X0224	GJ7491	ALGJ1008	69,270	77,770
EX2010450	89X0224	GJ7491	ALGJ1004	142,002	192,506
EW2010402	89X0242	GJ7291	ALHQ999938	10,657	13,315
EW2010301	89X0242	GJ7291	ALHQ999920	30,371	59,126
DP040105	89X0240	GJ6091		30,766	36,331
EW701000	89X0242	GJ60	ALGJ6109A		6,572
EW2010202	89X0242	GJ7291	ALSA1333	(1,128)	0
EW2010202	89X0242	GJ7291	ALSA1334	(2,256)	0
EW2010202	89X0242	GJ7291	ALSA1335	182,272	183,174
EW2010202	89X0242	GJ6291	ALAL17		226
EW1001206	89X0242	GJ7291	ALAL18	3,582	10,858
EW2010301	89X0242	GJ7291	ALHQ999928	26,642	28,053
EW2010301	89X0242	GJ7291	ALHQ999939	26,642	29,263
GG01	89X0243	GJ7391		26,642	37,126
GG07	89X0243	GJ7391		25,254	30,496

EX2010301	89X0242	GJ7491	ALHQ999928		403
EW1001209	89X0242	GJ7291	ALAL2	273,911	447,230
EX2010402	89X0224	GJ6491	ALGJ1005		15,719
EX2010403	89X0224	GJ6491	ALGJ1005		542
EX2010500	89X0224	GJ6491	ALGJ1006		37,941
40-04-06	89X0224	GJ6493	6LA47490001		14,742
40-04-03-10-9	89X0240	GJ7093		226,507	457,459
820101RL9	89X0242	GJ7291		434,158	619,506
EW6020006			ALHQ1005		25,000
EX2010301	89X0224	GJ7491	ALGJ1007	3,945	3,945
Total				$9,109,117	$13,456,945

3. All other terms and conditions of the contract remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 6

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
M004	(See Block 16c)	AN-NOPR	N/A

6. ISSUED BY CODE	7. ADMINISTERED BY *(If other than Item 6)* CODE
U.S. Department of Energy Grand Junction Projects Office 2597 B 3/4 Road Grand Junction, CO 81503	Cheryl A. Thompson (970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*		
MACTEC E.R.S. 2597 B 3/4 Road Grand Junction, CO 81503	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED *(SEE ITEM 11)*
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-95GJ87335
		10B. DATED *(SEE ITEM 13)* July 22, 1996
CODE / FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
XX	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF FAR 52.249-14, Excusable Delays
	D. OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor is not, X is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to change the performance period for the transition period and establish the fixed fee for the period from July 22, 1996 through September 30, 1996.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
Dean L. Quamme General Manager		Cheryl A. Thompson Contracting Officer	
15B. CONTRACTOR/OFFEROR *(Signature of person authorized to sign)*	15C. DATE SIGNED 11/5/96	16B. UNITED STATES OF AMERICA BY *(Signature of Contracting Officer)*	16C. DATE SIGNED 11/12/96

The purpose of this modification is to revise the contract to (1) change the contract number from DE-AC13-95GJ87335 to DE-AC13-96GJ87335; (2) establish the effective date of the contract as July 22, 1996. (3) establish a fixed fee for the period from July 22, 1996 through September 30, 1996; (4) revise the Direct Productive Labor Hours in the contract for the base period to account for the reduced effort during the transition period; (5) revise clause B.06, Administrative Cost Ceilings...; (6) change the period of performance for the transition period; and (7) make administrative changes to the contract.

1. All future correspondence relating this contract should reference the contract number as DE-AC13-96GJ87335. This change is required to show that the contract was awarded in FY 1996 rather than in FY 1995 as indicated by the previous contract number.

2. The effective date for this contract is July 22, 1996. This will be the date used for establishing the final completion of the contract as referenced in Clause F.02, Period of Performance.

3. Clause B.02, Estimated Cost, Base, and Award Fee is deleted in its entirety and replaced with the following. This clause is revised to establish the cost and fixed fee for the transition period and the period from September 5, 1996 through September 30, 1996.

B.02 ESTIMATED COST, BASE, FIXED AND AWARD FEE

a. The estimated cost of this contract as contemplated by the Contract clause entitled "Limitation of Funds" exclusive of the base, fixed, and award fee is $118,429,292.

b. Transition Period Cost and Fixed Fee.

(1) The transition costs, exclusive of fixed, base, or award fee, is $341,281. (This amount is included in item a. above.) The period of performance for the transition period is specified in Section F of this contract.

(2). The fixed fee for the transition period of this contract is $9,739. The fixed fee shall be paid in installments based upon the percentage of completion of work as determined by the Contracting Officer.

d. September 5, 1996 through September 30, 1996.

(1) The costs for the period from September 5, 1996 through September 30, 1996, exclusive of fixed, base, or award fee, is $3,506,852. (This amount is included in item a. above.)

(2) The fixed fee for the period from September 5, 1996 through September 30, 1996 is $183,332. The fixed fee shall be paid in installments based upon the percentage of completion of work as determined by the Contracting Officer.

e. The base fee for this contract is $2,531,747. The base fee shall be payable in accordance with Special Clause Provision H.21 entitled "Payment of Base and Award Fee.

f. The total amount of earned award fee for this contract is $0.

g. The total amount of unearned award fee for this contract is $3,957,074.

h. The total amount of this contract including estimated cost, base fee, fixed fee, earned award fee, and unearned award fee pool remaining on this contract is $125,111,184.

i The total amount allotted to this contract is $4,347,828. (incremental funding). It is estimated that this amount is sufficient to cover performance through September 30, 1996.

j. The award fee for this contract shall be awarded upon the unilateral determination of the DOE's Fee Determination Official that an award fee has been earned. This determination shall be based upon the Fee Determination Official's evaluation of the Contractor's performance measured against the Evaluation Criteria set forth in the Performance Evaluation Plan. Award fee available for each period is as set forth in the Special Contract Provision H.20 entitled "Distribution of Award Fee Pool."

4. Clause B.04, OPTION TO EXTEND THE DURATION OF THE CONTRACT SERVICES, is revised to delete the base fee for the subcontractors from the estimated cost amount and include it in the base fee amount. The clause is revised as follows.

(1) FIRST OPTION PERIOD

Option Period of Performance:	12 months
Estimated DPLH:	565,440
Estimated Cost:	$33,822,154
Base Fee:	766,618
Award Fee:	1,286,027
Total Estimated Cost Plus Base/Award Fee	$35,874,799

(2) SECOND OPTION PERIOD

Option Period of Performance:	12 months
Estimated DPLH:	565,440
Estimated Cost:	$33,321,096
Base Fee:	760,044
Award Fee:	1,281,190
Total Estimated Cost Plus Base/Award Fee	$35,362,330

5 Clause B.03, LEVEL OF EFFORT (LOE)/DIRECT PRODUCTIVE LABOR HOURS (DPLH), paragraph a is deleted in its entirety and replaced with the following.

a. The Contractor shall provide an estimated total of 1,612,260 DPLH over a fixed three year period of performance beginning from the effective date of the contract. The DPLH are defined as actual hours exclusive of vacations, holidays, sick leave, and other absences. The DPLH are inclusive of clerical and administrative support, overtime, travel time during normal duty hours, subcontractors, consultants, and any and all DPLH expenditures.

6. Clause B.06, ADMINISTRATIVE COST CEILINGS FOR REMEDIAL ACTION SUBCONTRACTS, REIMBURSABLE TRAVEL, AND OTHER DIRECT COSTS is revised to indicate that no fee will be paid on travel and training in addition to the relocation costs. Also to revise the relocation costs to the show the correct amount.

B.06 ADMINISTRATIVE COST CEILINGS FOR REMEDIAL ACTION SUBCONTRACTS, REIMBURSABLE TRAVEL, AND OTHER DIRECT COSTS

With regard to the application of the clause entitled "Allowable Cost and Payment," it is understood that the Contractor shall be reimbursed for the reasonable, allowable, and allocable remedial action subcontracts, travel, training, equipment, relocation, and supplies/services costs incurred as established by audit determination consistent with the Federal Acquisition Regulation (FAR) Part 31.2 and DEAR 931.2 to the ceiling amounts of:

Period	Remedial Action Subcontracts (000)	Travel (000)	Training (000)	Equipment (000)	Relocation (000)	Supplies/ Services (000)
Base Period (3 years)	$48,000	$5,605	$966	$3,144	$350	$9,655
Option 1 (1 year)	$ 8,800	$2,007	$346	$1,115	$ 80	$3,457
Option 2 (1 year)	$ 7,400	$2,079	$358	$1,155	$ 80	$3,581

All amounts shown above exclude any applied indirect costs and fee.

It is further understood that there shall be no fee paid on any travel, training, and relocation costs. The estimated costs for remedial action subcontracts, travel, training, equipment, relocation, and supplies/services may be increased or decreased unilaterally by the Contracting Officer any time prior to the completion of this contract. Any such change shall be made only to the extent that any change in the estimated costs is consistent with the technical requirements or is necessary to allow the Contractor to devote its efforts in furnishing the level-of-effort required by this contract. Should such a change be necessary, there shall be no adjustment to the fee (except for the remedial action subcontracts, equipment, and supplies/services which may increase the fee if considered to be additional work.)

7. Clause F.02, PERIOD OF PERFORMANCE, is deleted in its entirety and replaced with the following. This change recognizes the transition period.

F.02 PERIOD OF PERFORMANCE

The final completion of this contract, including completion and submission of all reports required by Part III, Section J, Attachment B, shall be 36 months from the effective date of this contract. Included as part of this 36 months is the transition period from July 22, 1996 through September 4, 1996. All services under the contract may be extended for two (2) additional one-year periods in accordance with clause B.04, Option to Extend the Duration of the Contract Services, and FAR 52.217-9, Option to Extend the Term of the Contract. If the option periods are exercised, the total contract term shall be completed 60 months after the effective date of the contract.

8. Clause G.01, CORRESPONDENCE PROCEDURES, paragraph c is revised to change the address for the Contracting Officer from P. O. Box 14000 to 2597 B 3/4 Road. The

Zip Code is changed from 81502 to 81503.

9. Clause G.04, THE DOE MANAGER, is revised to delete James Lampley and substitute George Rael.

10 Clause I.03, FAR 52.217-9, OPTION TO EXTEND THE TERM OF THE CONTRACT, to delete paragraph c and replace it with the following.

c. The total duration of this contract, including the exercise of any options under this clause, shall not exceed five years.

11. All other terms and conditions of the contract remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 3

2. AMENDMENT/MODIFICATION NO. A003	3. EFFECTIVE DATE See block 16c	4. REQUISITION/PURCHASE REQ. NO. 13-GJ87335.503	5. PROJECT NO. (If applicable) N/A

6. ISSUED BY CODE	7. ADMINISTERED BY (If other than Item 6) CODE
U.S. Department of Energy Grand Junction Projects Office P.O. Box 2567 Grand Junction, CO 81502-2567	Cheryl A. Thompson (970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR (No., street, country, State, and ZIP Code)	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
MACTEC E.R.S. P.O. Box 14000 Grand Junction, CO 81502	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-95GJ87335
		10B. DATED (SEE ITEM 13) June 14, 1996
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
B&R Number EX205001, ADS No. ALUM2023; Approp. Sym.: 89X0224; Allot. Sym.: GJ6491

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
XX	D. OTHER (Specify type of modification and authority) FAR 52.232-22, entitled "Limitation of Funds"

E. IMPORTANT: Contractor is not, X is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to deobligate funding in the amount of $1,000,000.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Larry R. Thompson Contract Administration Manager	Cheryl A. Thompson Contracting Officer
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED 9/30/96
16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 9/30/96

30-105-03 STANDARD FORM 30

A. Change to Incremental Funding

Previous Amount Allotted:	$5,204,013
Decrease in Amount Allotted:	$1,000,000
Total Amount Allotted:	$4,204,013

B. SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

Delete Subparagraph h in its entirety and substitute the following.

h. The total amount allotted to this contract is $4,204,013 (Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1996.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 5

2. AMENDMENT/MODIFICATION NO. A002	3. EFFECTIVE DATE (See Block 16c)	4. REQUISITION/PURCHASE REQ. NO. 13-GJ87335.5012	5. PROJECT NO. (If applicable) N/A

6. ISSUED BY CODE	7. ADMINISTERED BY (If other than Item 6) CODE
U.S. Department of Energy Grand Junction Projects Office P.O. Box 2567 Grand Junction, CO 81502-2567	Cheryl A. Thompson (970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR (No., street, country, State, and ZIP Code)	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
MACTEC E.R.S. P.O. Box 14000 Grand Junction, CO 81502	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-95GJ87335
		10B. DATED (SEE ITEM 13) June 14, 1996
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
XX	D. OTHER (Specify type of modification and authority) FAR 52.232-22, entitled "Limitation of Funds"

E. IMPORTANT: Contractor [X] is not, ☐ is required to sign this document and return ___ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to provide incremental funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Cheryl A. Thompson Contracting Officer	
15B. CONTRACTOR/OFFEROR _____ (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Cheryl A. Thompson (Signature of Contracting Officer)	16C. DATE SIGNED 9/20/96

A. Change to Incremental Funding

Previous Amount Allotted:	$5,204,013
Increase in Amount Allotted:	$143,815
Total Amount Allotted:	$5,347,828

B. SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

Delete Subparagraph h in its entirety and substitute the

h. The total amount allotted to this contract is $5,347,828 (Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1996.

C. SECTION G - CONTRACT ADMINISTRATION DATA

Add Paragraph G.08 as follows:

G.08 Accounting and Appropriation Data

Account Number	B&R Number	Appropria. Symbol	Allotment Symbol	ADS/Other	PR Number	Amount Obligated
AA	EX205001	89X0224	GJ6491	ALUM2023	13-GJ87335.501	$0
	Total for Account No. AA:		$1,611,020			
AB	EX204001	89X0224	GJ6491	ALUM1362	13-GJ87335.501	$0
	Total for Account No. AB:		$5,685			
AC	EX204001	89X0224	GJ6491	ALUM1363	13-GJ87335.501	$0
	Total for Account No. AC:		$11,370			
AD	EX204002	89X0224	GJ6491	ALUM1332	13-GJ87335.501	$0
	Total for Account No. AD:		$551,443			
AE	EX205001	89X0224	GJ6491	ALUM2000	13-GJ87335.501	$0
	Total for Account No. AE:		$141,299			
AF	EX2010102	89X0224	GJ6491	ALGJ1001	13-GJ87335.501	$0
	Total for Account No. AF:		$1,415,292			

Account Number	B&R Number	Appropria. Symbol	Allotment Symbol	ADS/Other	PR Number	Amount Obligated
AG	EX2010101	89X0224	GJ6491	ALGJ1002	13-GJ87335.502	$0
	Total for Account No. AG:		$131,892			
AH	EX2010102	89X0224	GJ6491	ALGJ1003	13-GJ87335.502	$0
	Total for Account No. AH:		$661,761			
AI	EX2010600	89X0224	GJ6491	ALGJ1008	13-GJ87335.502	$0
	Total for Account No. AI:		$8,500			
AJ	EX2010450	89X0224	GJ6491	ALGJ1004	13-GJ87335.502	$0
	Total for Account No. AJ:		$50,504			
AK	EW2010402	89X0242	GJ6291	ALHQ999938	13-GJ87335.502	$0
	Total for Account No. AK:		$2,658			
AL	EW2010301	89X0224	AL6491	ALHQ999920	13-GJ87335.502	$0
	Total for Account No. AL:		$28,755			
AM	DP040105	89X0240	GJ6091		13-GJ87335.502	$0
	Total for Account No. AM:		$5,565			
AN	EW701000	89X0242	GJ60	ALGJ6109A	13-GJ87335.502	$0
	Total for Account No. AN:		$6,572			
AO	EW2010202	89X0242	GJ6291	ALSA1333	13-GJ87460.502	$0
	Total for Account No. AO:		$1,128			
AP	EW2010202	89X0242	GJ6291	ALSA1334	13-GJ87335.502	$0
	Total for Account No. AP:		$2,256			
AQ	EW2010202	89X0242	GJ6291	ALSA1335	13-GJ87335.502	$0
	Total for Account No. AQ:		$902			
AR	EW2010301	89X0242	GJ6291	ALAL17	13-GJ87335.502	$0
	Total for Account No. AR:		$226			
AS	EW2010201	89X0242	GJ6291	ALAL18	13-GJ87335.502	$0
	Total for Account No. AS:		$7,276			

Account Number	B&R Number	Appropria. Symbol	Allotment Symbol	ADS/Other	PR Number	Amount Obligated
AT	EW2010301	89X0242	GJ6291	ALHQ999928	13-GJ87335.502	$0
	Total for Account No. AT:		$1,411			
AU	EW2010301	89X0242	GJ6291	ALHQ999939	13-GJ87335.502	$0
	Total for Account No. AU:		$2,621			
AV	GG01	89X0243	GJ6391		13-GJ87335.502	$0
	Total for Account No. AV:		$10,484			
AW	GG07	89X0243	GJ6391		13-GJ87335.502	$0
	Total for Account No. AW:		$5,242			
AX	EX2010301	89X0224	GJ6491	ALHQ999928	13-GJ87335.502	$0
	Total for Account No. AX:		$403			
AY	EW3110010	89X0242	GJ6291	ALAL2	13-GJ87335.502	$0
	Total for Account No. AY:		$173,319			
AZ	EX2010402	89X0224	GJ6491	ALGJ1005	13-GJ87335.502	$0
	Total for Account No. AZ:		$15,719			
BA	EX2010403	89X0224	GJ6491	ALGJ1005	13-GJ87335.502	$0
	Total for Account No. BA:		$542			
BB	EX2010500	89X0224	GJ6491	ALGJ1006	13-GJ87335.502	$0
	Total for Account No. BB:		$37,941			
BC	USGS-40-04-06	89X0224	GJ6493	6LA47490001	13-GJ87335.502	$0
	Total for Account No. BC:		$14,742			
BD	AIR FORCE-40-04-03-10-9	89X0224		NASCEMP9600023	13-GJ87335.502	$143,815
	Total for Account No. BD:		$230,952			
BE	OPAC-HANFORD-820101RL9	89X0224		M6ALJOEOA	13-GJ87335.502	$0
	Total for Account No. BE:		$185,348			
BF	EW6020006			ALHQ1005	13-GJ87335.502	$0
	Total for Account No. BF:		$25,000			

D. There are no other changes to the terms and conditions of this contract as a result of this action.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 5

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A001	(See Block 16c)	13-GJ87335.501	N/A

6. ISSUED BY CODE	7. ADMINISTERED BY *(If other than Item 6)* CODE
[redacted]S. Department of Energy Grand Junction Projects Office P.O. Box 2567 Grand Junction, CO 81502-2567	Cheryl A. Thompson (970) 248-6043

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, country, State, and ZIP Code)*		9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED *(SEE ITEM 11)*
MACTEC E.R.S. P.O. Box 14000 Grand Junction, CO 81502	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC13-95GJ87335
		10B. DATED *(SEE ITEM 13)* June 14, 1996
CODE / FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Section G

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

[redacted]	THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF
XX	D. OTHER *(Specify type of modification and authority)* **FAR 52.232-22, entitled "Limitation of Funds"**

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return ___ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to provide incremental funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Betsy A. Shaw Contracting Officer	
15B. CONTRACTOR/OFFEROR [redacted] *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Betsy A Shaw *(Signature of Contracting Officer)*	16C. DATE SIGNED 9-25-96

A. Change to Incremental Funding

Previous Amount Allotted:	$1,500,000
Increase in Amount Allotted:	$3,704,013
Total Amount Allotted:	$5,204,013

B. SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

Delete Subparagraph h in its entirety and substitute the

h. The total amount allotted to this contract is $5,204,013 (Incremental Funding). It is estimated that this amount is sufficient to cover performance through September 30, 1996.

C. SECTION G - CONTRACT ADMINISTRATION DATA

Add Paragraph G.08 as follows:

G.08 Accounting and Appropriation Data

Account Number	B&R Number	Appropria. Symbol	Allotment Symbol	ADS/Other	PR Number	Amount Obligated
AA	EX205001	89X0224	GJ6491	ALUM2023	13-GJ87335.501	$111,020
	Total for Account No. AA:		$1,611,020			
AB	EX204001	89X0224	GJ6491	ALUM1362	13-GJ87335.501	$5,685
	Total for Account No. AB:		$5,685			
AC	EX204001	89X0224	GJ6491	ALUM1363	13-GJ87335.501	$11,370
	Total for Account No. AC:		$11,370			
AD	EX204002	89X0224	GJ6491	ALUM1332	13-GJ87335.501	$551,443
	Total for Account No. AD:		$551,443			
AE	EX205001	89X0224	GJ6491	ALUM2000	13-GJ87335.501	$141,299
	Total for Account No. AE:		$141,299			
AF	EX2010102	89X0224	GJ6491	ALGJ1001	13-GJ87335.501	$1,415,292
	Total for Account No. AF:		$1,415,292			

Account Number	B&R Number	Appropria. Symbol	Allotment Symbol	ADS/Other	PR Number	Amount Obligated
AG	EX2010101	89X0224	GJ6491	ALGJ1002	13-GJ87335.501	$131,892
	Total for Account No. AG:		$131,892			
AH	EX2010102	89X0224	GJ6491	ALGJ1003	13-GJ87335.501	$661,761
	Total for Account No. AH:		$661,761			
AI	EX2010600	89X0224	GJ6491	ALGJ1008	13-GJ87335.501	$8,500
	Total for Account No. AI:		$8,500			
AJ	EX2010450	89X0224	GJ6491	ALGJ1004	13-GJ87335.501	$50,504
	Total for Account No. AJ:		$50,504			
AK	EW2010402	89X0242	GJ6291	ALHQ999938	13-GJ87335.501	$2,658
	Total for Account No. AK:		$2,658			
AL	EW2010301	89X0224	AL6491	ALHQ999920	13-GJ87335.501	$28,755
	Total for Account No. AL:		$28,755			
AM	DP040105	89X0240	GJ6091		13-GJ87335.501	$5,565
	Total for Account No. AM:		$5,565			
AN	EW701000	89X0242	GJ60	ALGJ6109A	13-GJ87335.501	$6,572
	Total for Account No. AN:		$6,572			
AO	EW2010202	89X0242	GJ6291	ALSA1333	13-GJ87460.001	$1,128
	Total for Account No. AO:		$1,128			
AP	EW2010202	89X0242	GJ6291	ALSA1334	13-GJ87335.501	$2,256
	Total for Account No. AP:		$2,256			
AQ	EW2010202	89X0242	GJ6291	ALSA1335	13-GJ87335.501	$902
	Total for Account No. AQ:		$902			
AR	EW2010301	89X0242	GJ6291	ALAL17	13-GJ87335.501	$226
	Total for Account No. AR:		$226			
AS	EW2010201	89X0242	GJ6291	ALAL18	13-GJ87335.501	$7,276
	Total for Account No. AS:		$7,276			

Account Number	B&R Number	Appropria. Symbol	Allotment Symbol	ADS/Other	PR Number	Amount Obligated
AT	EW2010301	89X0242	GJ6291	ALHQ999928	13-GJ87335.501	$1,411
	Total for Account No. AT:		$1,411			
AU	EW2010301	89X0242	GJ6291	ALHQ999939	13-GJ87335.501	$2,621
	Total for Account No. AU:		$2,621			
AV	GG01	89X0243	GJ6391		13-GJ87335.501	$10,484
	Total for Account No. AV:		$10,484			
AW	GG07	89X0243	GJ6391		13-GJ87335.501	$5,242
	Total for Account No. AW:		$5,242			
AX	EX2010301	89X0224	GJ6491	ALHQ999928	13-GJ87335.501	$403
	Total for Account No. AX:		$403			
AY	EW3110010	89X0242	GJ6291	ALAL2	13-GJ87335.501	$173,319
	Total for Account No. AY:		$173,319			
AZ	EX2010402	89X0224	GJ6491	ALGJ1005	13-GJ87335.501	$15,719
	Total for Account No. AZ:		$15,719			
BA	EX2010403	89X0224	GJ6491	ALGJ1005	13-GJ87335.501	$542
	Total for Account No. BA:		$542			
BB	EX2010500	89X0224	GJ6491	ALGJ1006	13-GJ87335.501	$37,941
	Total for Account No. BB:		$37,941			
BC	USGS-40-04-06	89X0224	GJ6493	6LA47490001	13-GJ87335.501	$14,742
	Total for Account No. BC:		$14,742			
BD	AIR FORCE-40-04-03-10-9	89X0224		NASCEMP9600023	13-GJ87335.501	$87,137
	Total for Account No. BD:		$87,137			
BE	OPAC-HANFORD-820101RL9	89X0224		M6ALJOEOA	13-GJ87335.501	$185,348
	Total for Account No. BE:		$185,348			
BF	EW6020006			ALHQ1005	13-GJ87335.501	$25,000
	Total for Account No. BF:		$25,000			

D. There are no other changes to the terms and conditions of this contract as a result of this action.

AWARD/CONTRACT

1. THIS CONTRACT IS RATED ORDER UNDER DPAS (15 CFR 350)	RATING	PAGE 1 OF PAGES

2. CONTRACT NO. *(Proc. Inst. Ident.)*	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQUEST/PROJECT NO.
[redacted]13-95GJ87335		DE-AC13-96GJ87335.000

5. ISSUED BY CODE	6. ADMINISTERED BY *(If other than Item 5)* CODE
U.S. Department of Energy Albuquerque Operations Office P.O. Box 5400 Albuquerque, NM 87185-5400	U.S.Department of Energy; Albuquerque Operations Office GJ Source Evaluation Board ATTN: Cheryl A. Thompson P.O. Box 5400 South Campus Mod I-6 Albuquerque, NM 87185-5400

7. NAME AND ADDRESS OF CONTRACTOR *(No., street, city, county, state, ZIP Code)*	8. DELIVERY
MACTEC Environmental Restoration Services LLC 1819 Denver West Drive, Suite 400 Golden, Colorado 80401	FOB ORIGIN xOTHER *(See below)*
	9. DISCOUNT FOR PROMPT PAYMENT
	10. SUBMIT INVOICES *(4 copies unless otherwise specified)* TO THE ADDRESS SHOWN IN ITEM See Section G
CODE FACILITY CODE	

11. SHIP TO/MARK FOR CODE	12. PAYMENT WILL BE MADE BY CODE
NA	U.S. Treasury after approval by DOE

13. AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION:	14. ACCOUNTING AND APPROPRIATION DATA
10 U.S.C. 2304(c)( ) 41 U.S.C. 253(c)( )	B&R EX205001 APPROP. SYM. 89X0224.911 ALLOT. SYM. AL6491 AMOUNT $1,500,000

15A. ITEM NO.	15B. SUPPLIES/SERVICES	15C. QUANTITY	15D. UNIT	15E. UNIT PRICE	15F. AMOUNT
[redacted]	See Section B				
				15G. TOTAL AMOUNT OF CONTRACT	

16. TABLE OF CONTENTS

(X)	SEC.	DESCRIPTION	PAGE(S)	(X)	SEC.	DESCRIPTION	PAGE(S)
		PART I - THE SCHEDULE				PART II - CONTRACT CLAUSES	
x	A	Solicitation/Contract Form		x	I	Contract Clauses	
x	B	Supplies or Services and Prices/Costs				PART III - LIST OF DOCUMENTS, EXHIBITS, ATTACHMENTS	
x	C	Description/Specs./Work Statement		x	J	List of Attachments	
x	D	Packaging and Marking				PART IV - REPRESENTATIONS AND INSTRUCTIONS	
x	E	Inspection and Acceptance			K	Reps., Certs, Statements of Offerors	
x	F	Deliveries or Performance			L	Instrs., Conds., Notices to Offerors	
x	G	Contract Administration Data			M	Evaluation Factors for Award	
x	H	Special Contract Requirements					

CONTRACTING OFFICER WILL COMPLETE ITEM 17 OR 18 AS APPLICABLE

17. CONTRACTOR'S NEGOTIATED AGREEMENT *(Contractor is required to sign this document and return ___ copies to issuing office.)* Contractor agrees to furnish and deliver all items or perform all the services set forth or otherwise identified above and on any continuation sheets for the consideration stated herein. The rights and obligations of the parties to this contract shall be subject to and governed by the following documents: (a) this award/contract, (b) the solicitation, if any, and (c) such provisions, representations, certifications, and specifications, as are attached or incorporated by reference herein. *(Attachments are listed herein.)*

18. AWARD *(Contractor is not required to sign this document.)* Your offer on Solicitation Number ___, including the additions or changes made by you which additions or changes are set forth in full above, is hereby accepted as to the items listed above and on any continuation sheets. This award consummates the contract which consists of the following documents: (a) the government's solicitation and your offer, and (b) this award/contract. No further contractual document is necessary.

19A. NAME AND TITLE OF SIGNER *(Type or print)*
J. Michael Zika, Vice President and CFO

20A. NAME OF CONTRACTING OFFICER *(Type or print)*

[redacted] OF CONTRACTOR	19C. DATE SIGNED	20B. UNITED STATES OF AMERICA	20C. DATE SIGNED
BY [signature] *(Signature of person authorized to sign)*	3/29/96	BY [signature] *(Signature of Contracting Officer)*	6/14/96

PART I - SECTION B

SUPPLIES OR SERVICES AND PRICES/COSTS

TABLE OF CONTENTS

Section		Page
B.01	SERVICES BEING ACQUIRED	B - 1
B.02	ESTIMATED COST, BASE, AND AWARD FEE	B - 1
B.03	LEVEL OF EFFORT (LOE)/DIRECT PRODUCTIVE LABOR HOURS (DPLH)	B - 2
B.04	OPTION TO EXTEND THE DURATION OF THE CONTRACT SERVICES	B - 2
B.06	ADMINISTRATIVE COST CEILINGS FOR REMEDIAL ACTION SUBCONTRACTS, REIMBURSABLE TRAVEL, AND OTHER DIRECT COSTS	B - 4
B.07	ALLOWABLE TRANSITION COSTS PRIOR TO JULY 1, 1996	B - 4

PART I - SECTION B

SUPPLIES OR SERVICES AND PRICES/COSTS

B.01 SERVICES BEING ACQUIRED

The Contractor shall furnish all personnel, equipment, material, supplies, and services (except as may be expressly set forth in this contract as furnished by the Government) and otherwise do all things necessary for, or incident to providing its best effort to carry out in an efficient and effective manner all required and related services as follows:

Item 1 - Provide management, engineering, and scientific services to include all necessary environmental, safety, and health activities, to support the Department of Energy (DOE) programs in environmental restoration, geosciences, and energy assigned to the Grand Junction Projects Office, located in Grand Junction, Colorado, in accordance with Part III, Section J, Attachment A, Statement of Work (SOW).

Item 2 - Reports in accordance with "Reporting Requirements Checklist" DOE Form 1332.1 as provided in Part III, Section J, Attachment B, and the clause entitled "Uniform Reporting System."

B.02 ESTIMATED COST, BASE, AND AWARD FEE

a. The estimated cost of this contract as contemplated by the Contract clause entitled "Limitation of Funds" exclusive of the base and award fee is $ 186,230,483.

b. The transition cost exclusive of the base and award fee is $ 6,807,535 (Amount included in Item 1. total).

c. The base fee for this contract is $ 3,487,228. The base fee shall be payable in accordance with Special Contract Provision H.21 entitled "Payment of Base and Award Fee."

d. The total amount of earned award fee for this contract is $ -0-.

e. The total amount of unearned award fee for this contract is $ 6,630,603.

f. The total amount of this contract including estimated cost, base fee, earned award fee, and unearned award fee pool remaining on the contract is $ 196,348,313.

g. The total amount allotted to this contract is $_____ (Incremental Funding). It is estimated that this amount is sufficient to cover performance through _____.

h. The Award Fee for this contract shall be awarded upon the unilateral determination of the DOE's Fee Determination Official that an award fee has been earned. This determination shall be based upon the Fee Determination Official's evaluation of the Contractor's performance measured against the Evaluation Criteria set forth in the

Performance Evaluation Plan. Award Fee available for each period is as set forth in the Special Contract Provision H.20 entitled "Distribution of Award Fee Pool."

B.03 LEVEL OF EFFORT (LOE)/DIRECT PRODUCTIVE LABOR HOURS (DPLH)

a. The Contractor shall provide an estimated total of 1,696,320 DPLH over a fixed three-year period of performance beginning from effective date of the contract. The DPLH are defined as actual hours exclusive of vacations, holidays, sick leave, and other absences. The DPLH are inclusive of clerical and administrative support, overtime, travel time during normal duty hours, consultants, and any and all DPLH expenditures.

b. If, during the contract or option period of performance the estimated DPLH are not sufficient or exceed the Government's support requirements for the entire performance period, the Government may require an increase or decrease in the estimated DPLH.

c. The Contractor agrees to promptly enter into negotiations for such an adjustment in DPLH and any contract modification resulting from such negotiations will provide for adjustments in the DPLH, estimated cost, and base/award fee. Equitable adjustments resulting from implementation of this clause shall be made to any affected contract provision in accordance with the procedures of the "Changes" clause.

B.04 OPTION TO EXTEND THE DURATION OF THE CONTRACT SERVICES

The period of performance of this contract may be extended at the unilateral option of the Government in accordance with clause entitled "Option to Extend the Term of the Contract." Written preliminary Notice of Intent to exercise the option must be provided to the Contractor by the Contracting Officer within the period stated in the referenced clause. The Contractor agrees that performance under the option, if exercised hereunder, shall be accomplished within the following estimated cost and base/award fee:

(1) FIRST OPTION PERIOD

Option Period of Performance:	12 months
DPLH:	Estimated DPLH 565,440
Estimated Cost:	$ 33,958,257
Base Fee:	$ 630,515
Award Fee:	$ 1,286,027
Total Estimated Cost Plus Base/Award Fee:	$ 35,874,799

(2) SECOND OPTION PERIOD

Option Period of Performance:	12 months
DPLH:	Estimated DPLH 565,440
Estimated Cost:	$ 33,462,225
Base Fee:	$ 618,915
Award Fee:	$ 1,281,190
Total Estimated Cost Plus Base/Award Fee:	$ 35,362,330

B.05 DOWNWARD ADJUSTMENTS TO BASE AND AWARD FEE POOL

The Government shall accept the final product without a downward adjustment in the base/award fee pool if the LOE provided is within 90-100 percent of the estimated DPLH for a base period of 36 months from the effective date of the contract. If the actual LOE is less than 90 percent of the estimated DPLH, an equitable downward adjustment to the base and award fee pool will be negotiated between the Government and the Contractor.

The Government shall accept the final product without a downward adjustment in the base/award fee pool if the LOE provided is within 94-100 percent of the estimated DPLH for any additional one-year option periods. If the actual LOE is less than 94 percent of the estimated DPLH, an equitable downward adjustment to the base and award fee pool will be negotiated between the Government and the Contractor.

B.06 ADMINISTRATIVE COST CEILINGS FOR REMEDIAL ACTION SUBCONTRACTS, REIMBURSABLE TRAVEL, AND OTHER DIRECT COSTS

With regard to the application of the clause entitled "Allowable Cost and Payment", it is understood that the Contractor shall be reimbursed for the reasonable, allowable, and allocable remedial action subcontracts, travel, training, equipment, relocation, and supplies/services costs incurred as established by audit determination consistent with Federal Acquisition Regulation (FAR) Part 31.2 and DEAR 931.2 to the ceiling amounts of:

PERIOD	REMEDIAL ACTION SUBCONTR*	TRAVEL*	TRAINING*	EQUIPMENT*	RELOCATION*	SUPPLIES/ SERVICES*
Total Base Period (3 years)	$48,000	$5,605	$966	$3,114	$**349,096	$9,655
Option 1 (1 year)	$8,800	$2,007	$346	$1,115	$** 79,500	$3,457
Option 2 (1 year)	$7,400	$2,079	$358	$1,155	$** 79,500	$3,581

Note: Dollars in thousands ($000)

It is further understood that there shall be no fee paid on any relocation costs. In addition, the cost ceilings outlined above for travel and training are administrative limits imposed upon this contract by the DOE. Both Award and Base Fee will be paid on travel and training up to the administrative limits outlined above. If the contractor exceeds the administrative limits, no fee shall be paid on any travel or training in excess of these limits. The estimated costs for remedial action subcontracts, travel, training, equipment, relocation, and supplies/services may be increased or decreased unilaterally by the Contracting Officer any time prior to the completion of this contract. Any such change shall be made only to the extent that any change in the estimated costs is consistent with the technical requirements or is necessary to allow the Contractor to devote its efforts in furnishing the level-of-effort required by this contract. Should such a change be necessary, there shall be no adjustment to the fee (except for the remedial action subcontracts, equipment, and supplies/services which may increase the fee if considered to be additional work).

* All amounts shown above are excluding any applied indirect cost and fee

B.07 ALLOWABLE TRANSITION COSTS PRIOR TO JULY 1, 1996

A Not-to-Exceed cost of $ N/A is approved for transition costs incurred as of the date of award but prior to the effective date of this contract.

PART I - SECTION C

DESCRIPTION/SPECIFICATION/WORK STATEMENT

TABLE OF CONTENTS

Section		Page
C.01	STATEMENT OF WORK (SOW)	C-1
C.02	REPORTS	C-1

PART I - SECTION C

DESCRIPTION/SPECIFICATION/WORK STATEMENT

C.01 STATEMENT OF WORK (SOW)

The SOW is Attachment A to this contract and is listed in Part III, Section J.

C.02 REPORTS

Reports shall be in accordance with the "Reporting Requirements Checklist," DOE Form 1332.1, listed as Attachment B, in Part III, Section J, and the Section I contract clause at Department of Energy Acquisition Regulation (DEAR) 952.212-72, entitled "Uniform Reporting System."

PART I - SECTION D

PACKAGING AND MARKING

TABLE OF CONTENTS

Section		Page
D.01	PACKAGING	D - 1
D.02	MARKING	D - 1

PART I - SECTION D

PACKAGING AND MARKING

D.01 PACKAGING

Preservation, packaging, and packing for shipment or mailing of all work deliverable hereunder shall be in accordance with best commercial practice to ensure acceptance by common carrier and safe transportation at the most economical rates.

D.02 MARKING

a. Each package, report, or other deliverable shall be accompanied by a letter or other document which:

(1) Identifies the contract by number under which the item is being delivered.

(2) Identifies the deliverable Item Number or Report Requirement which requires the delivered item(s).

(3) Indicates whether the Contractor considers the delivered item to be a partial or full satisfaction of the requirement.

b. For any package, report, or other deliverable being delivered to a party other than the Contracting Officer, a copy of the document required in a. above, shall be simultaneously provided to the Contracting Officer.

PART I - SECTION E

INSPECTION AND ACCEPTANCE

TABLE OF CONTENTS

Section		Page
E.01	CLAUSES INCORPORATED BY REFERENCE	E - 1
E.02	INSPECTION	E - 1
E.03	ACCEPTANCE	E - 1
E.04	QUALITY ASSURANCE PROGRAM	E - 1

PART I - SECTION E

INSPECTION AND ACCEPTANCE

E.01 CLAUSES INCORPORATED BY REFERENCE

The following solicitation provisions and/or contract clauses pertinent to this section are hereby incorporated by reference with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available.

I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) CLAUSES

FAR NUMBER	CLAUSE TITLE	DATE OF CLAUSE
52.246-5	Inspection of Services Cost-Reimbursement	APR 1984

II. DEPARTMENT OF ENERGY ACQUISITION REGULATION (48 CFR CHAPTER 9) CLAUSES

NONE

E.02 INSPECTION

Inspection of all items under this contract shall be accomplished by the DOE Contracting Officer's Representative (COR), or any other duly authorized Government representative.

E.03 ACCEPTANCE

Acceptance of all work and effort under this contract (including "Reporting Requirements,") shall be accomplished by the Contracting Officer, the COR, or any other duly authorized representative.

E.04 QUALITY ASSURANCE PROGRAM

The Contractor shall establish, implement, and maintain a quality assurance program to comply with all applicable quality assurance regulations and requirements of DOE that are communicated to the Contractor by the Contracting Officer.

PART I - SECTION F

DELIVERIES OR PERFORMANCE

TABLE OF CONTENTS

Section		Page
F.01	CLAUSES INCORPORATED BY REFERENCE	F - 1
F.02	PERIOD OF PERFORMANCE	F - 1
F.03	PRINCIPAL PLACE OF PERFORMANCE	F - 1

PART I - SECTION F

DELIVERIES OR PERFORMANCE

F.01 CLAUSES INCORPORATED BY REFERENCE

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available.

I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) CLAUSE

FAR NUMBER	CLAUSE TITLE	DATE OF CLAUSE
52.212-13	Stop-Work Order (APR 1984) Alternate I	AUG 1989
52.247-34	F.O.B. Destination	JAN 1991

II. DEPARTMENT OF ENERGY ACQUISITION REGULATION (48 CFR CHAPTER 9) CLAUSES

NONE

F.02 PERIOD OF PERFORMANCE

The final completion of this contract, including completion and submission of all reports required by Part III, Section J, Attachment B, shall be 36 months after the effective date of this contract. All services under the contract may be extended for two (2) additional one-year periods in accordance with the Section B paragraph entitled "Option to Extend the Duration of the Contract Services." If the option periods are exercised, the total contract term shall be completed 60 months after the effective date of the contract.

F.03 PRINCIPAL PLACE OF PERFORMANCE

Primary performance will take place on-site at DOE-GJPO, located in Grand Junction, Colorado. A major project under this contract will be performed at Monticello, Utah. Other places of performance will be identified by task order.

PART I - SECTION G

CONTRACT ADMINISTRATION DATA

TABLE OF CONTENTS

Section		Page
G.01	CORRESPONDENCE PROCEDURES	G-1
G.02	THE DOE CONTRACTING OFFICER'S REPRESENTATIVE (COR)	G-2
G.03	GOVERNMENT CONTACT FOR CONTRACT ADMINISTRATION	G-2
G.04	THE DOE PROJECT MANAGER	G-2
G.05	THE DOE PATENT COUNSEL	G-2
G.06	BILLING INSTRUCTIONS	G-2
G.07	ANNUAL INDIRECT COST RATE SUBMISSION	G-3

PART I - SECTION G

CONTRACT ADMINISTRATION DATA

G.01 CORRESPONDENCE PROCEDURES

To promote timely and effective administration, correspondence (except for invoices and reports) submitted under this contract shall be subject to the following procedures:

a. Technical Correspondence. Technical correspondence (as used herein, excludes technical correspondence where patent or technical data issues are involved and correspondence which proposes or otherwise involves waivers, deviations, or modifications to the requirements, terms, or conditions, of this contract) shall be addressed to the DOE Contracting Officer Representative (COR), with an information copy of the correspondence to the DOE Contracting Officer or Contract Specialist.

b. Other Correspondence. Other correspondence shall be addressed to the DOE Contracting Officer, or DOE Contract Specialist, with information copies of the correspondence to the DOE COR and to the DOE Patent Counsel (if patent or technical data issues are involved).

c. The DOE Contracting Officer's Address. The Contracting Officer's address and phone number are as follows:

Contracting Officer/Contract Specialist
Department of Energy
Grand Junction Projects Office
P. O. Box 14000
Grand Junction, CO 81502
ATTN: Cheryl A. Thompson

Telephone Number: (970) 248-6043

d. Subject Line(s). All correspondence shall contain a subject line commencing with the contract number, as illustrated below:

"SUBJECT: Contract No. (Insert the contract number from cover page BLOCK 2) (Insert subject topic after contract number; e.g., 'Request for subcontract placement consent')."

G.02 THE DOE CONTRACTING OFFICER'S REPRESENTATIVE (COR)

The work to be performed under this contract is subject to the monitoring of one COR who shall be specifically designated by the Contracting Officer in writing. A copy of the designation shall be furnished to the Contractor. The COR's responsibility shall be to coordinate with the Contractor in the administration of the technical aspects of this contract and to provide technical direction pursuant to the Special Contract Requirement H.03, entitled, "Technical Direction."

G.03 GOVERNMENT CONTACT FOR CONTRACT ADMINISTRATION

The Contractor shall use the DOE Contracting Officer as the focal point for all matters regarding this contract except technical matters (see Clause G.01a., above, for definition and G.01c. for address).

G.04 THE DOE MANAGER

The DOE Manager and address are as follows:

Department of Energy
Grand Junction Projects Office
P. O. Box 2567
Grand Junction, CO 81502
ATTN: James Lampley

G.05 THE DOE PATENT COUNSEL

Information copies of correspondence being sent to the DOE Patent Counsel in accordance with G.01b., above, should be addressed as follows:

Department of Energy
Albuquerque Operations Office
Office of Chief Counsel
P. O. Box 5400
Albuquerque, NM 87185-5400
ATTN: Patent Counsel

G.06 BILLING INSTRUCTIONS

The Contractor shall submit invoices in accordance with the Billing Instructions identified in Part III - Section J, Attachment G, and other applicable clauses of this contract.

G.07 ANNUAL INDIRECT COST RATE SUBMISSION

a. In accordance with the "Allowable Cost and Payment" clause contained in Part II, Section I of this contract, the Contractor, as soon as possible but not later than ninety (90) days after the expiration of its fiscal year, shall submit to the indirect cost rate Cognizant Contracting Officer (CCO), identified in paragraph e. of this clause, a proposed final indirect rate or rates for that period based on the Contractor's actual cost experience during that period, together with supporting data.

b. Allowability of costs and acceptability of cost allocation methods shall be determined in accordance with the cost principles in effect as of the date of this contract.

c. The settlement of final indirect cost rates and indirect costs shall be accomplished prior to the Contracting Officer's approval of the final payment.

d. Pending settlement of final indirect cost rates for any period, the Contractor shall be reimbursed for indirect rates at billing rates acceptable when the final indirect cost rates are settled. The Contractor shall provided to the CCO annually, within 90 days after the expiration of its fiscal year, a billing rate proposal, together with supporting data. If billing rates change substantially at any time during the contract performance period, the Contractor shall notify the CCO in writing. Upon substantial rate change during the contract performance period, the CCO may adjust the approved billing rate. In the event that adjustment is to be applied retroactively, the Contractor shall make appropriate adjustments on its next voucher.

e. The indirect cost rate CCO and address are as follows:

Department of Energy Telephone No. (505) 845-4107
Albuquerque Field Office
Financial Management Division
P. O. Box 5400
Albuquerque, NM 87185-5400
ATTN: Herman Smith

The Contractor shall use the CCO as the point of contact for indirect cost rate matters as defined by the "Allowable Cost and Payment" clause.

PART I - SECTION H

SPECIAL CONTRACT REQUIREMENTS

TABLE OF CONTENTS

Section		Page
H.01	CONFIDENTIALITY OF INFORMATION	H-1
H.02	INCORPORATION OF REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS OF OFFEROR	H-2
H.03	TECHNICAL DIRECTION	H-2
H.04	MODIFICATION AUTHORITY	H-3
H.05	GOVERNMENT-FURNISHED PROPERTY	H-3
H.06	USE OF DOE FACILITIES FOR WORK FOR OTHERS	H-4
H.07	KEY/CRITICAL WORK AREA PERSONNEL	H-5
H.08	SUBCONTRACTS	H-7
H.09	SERVICES OF CONSULTANTS	H-8
H.10	EQUIVALENT FEDERAL WAGE RATES	H-8
H.11	AUTOMATED DATA PROCESSING EQUIPMENT (ADPE) USAGE	H-9
H.12	ADPE LEASING	H-9
H.13	STANDARD INSURANCE REQUIREMENTS	H-9
H.14	RELEASE OF INFORMATION	H-10
H.15	PERSONNEL SECURITY CLEARANCES	H-10
H.16	RESOURCE CONSERVATION AND WASTE MINIMIZATION	H-10
H.17	ENVIRONMENT, HEALTH, AND SAFETY (GOVERNMENT-OWNED OR LEASED)	H-11
H.18	NONSUPERVISION OF CONTRACTOR EMPLOYEES ON GOVERNMENT FACILITIES	H-12
H.19	SUBCONTRACT ASSIGNMENT	H-12
H.20	DISTRIBUTION OF AWARD FEE POOL	H-12
H.21	PAYMENT OF BASE AND AWARD FEE	H-13
H.22	PERFORMANCE EVALUATION PLAN	H-13
H.23	DETERMINATION OF AWARD FEE EARNED	H-14
H.24	TASK ORDER PROCEDURES	H-14
H.25	GOVERNMENT-FURNISHED FACILITY AND SERVICES	H-16
H.26	OBSERVANCE OF LEGAL HOLIDAYS	H-17
H.27	SOFTWARE RIGHTS	H-17
H.28	CONTRACTOR INTERFACE	H-18
H.29	DOE ORDERS, DIRECTIVES, AND PROCEDURES	H-18
H.30	LABOR RELATIONS	H-18
H.31	DIVERSITY	H-19
H.32	CORPORATE HOME OFFICE EXPENSES	H-19
H.33	LIMITATION OF INDIRECT COSTS	H-20
H.34	COST REDUCTION PROPOSALS	H-20
H.35	INTER-DOE WORK ORDERS	H-24
H.36	RELOCATION COSTS	H-24
H.37	AVOIDANCE OF ORGANIZATIONAL CONFLICTS OF INTERESTS (OCI)	H-24
H.38	RESPONSIBILITY FOR PROFESSIONAL QUALITY, TECHNICAL ACCURACY AND COORDINATION OF DESIGNS, DRAWINGS, AND SPECIFICATIONS.	H-25
H.39	PERMITS, LICENSES, REGULATIONS AND ORDERS	H-26

PART I - SECTION H

SPECIAL CONTRACT REQUIREMENTS

H.01 CONFIDENTIALITY OF INFORMATION

a. To the extent that the work under this contract requires that the Contractor be given access to confidential or proprietary business, technical, or financial information belonging to the Government or other companies, the Contractor shall after receipt thereof, treat such information as confidential and agrees not to appropriate such information to its own use or to disclose such information to third parties unless specifically authorized by the Contracting Officer in writing. The foregoing obligations, however, shall not apply to:

(1) Information which, at the time of receipt by the Contractor, is in public domain;

(2) Information which is published after receipt thereof by the Contractor or otherwise becomes part of the public domain through no fault of the Contractor;

(3) Information which the Contractor can demonstrate was in its possession at the time of receipt thereof and was not acquired directly or indirectly from the Government or other companies;

(4) Information which the Contractor can demonstrate was received by it from a third party who did not require the Contractor to hold it in confidence.

b. The Contractor shall obtain the written agreement, in a form satisfactory to the Contracting Officer, of each employee permitted access, whereby the employee agrees that he/she will not discuss, divulge, or disclose any such information or data to any person or entity except those persons within the Contractor's organization directly concerned with the performance of the contract.

c. The Contractor agrees, if requested by the Government, to sign an agreement identical, in all material respects, to the provisions of this clause, with each company supplying information to the Contractor under this contract, and to supply a copy of such agreement to the Contracting Officer. From time to time upon request of the Contracting Officer, the Contractor shall supply the Government with reports itemizing information received as confidential or proprietary and setting forth the company or companies from which the Contractor received such information.

d. The Contractor agrees that upon request by DOE it will execute a DOE-approved agreement with any party whose facilities or proprietary data it is given access to or is furnished, restricting use and disclosure of the data or the information obtained

from the facilities. Upon request by DOE, such an agreement shall also be signed by Contractor personnel.

e. This clause shall flow down to all subcontracts.

H.02 INCORPORATION OF REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS OF OFFEROR

The Representations, Certifications, and Other Statements of Offeror, completed by the Contractor, dated March 29, 1996, and that apply to this contract, are hereby incorporated by reference.

H.03 TECHNICAL DIRECTION

a. Performance of the work under this contract shall be subject to the technical direction of DOE Manager or COR identified elsewhere in this contract. DOE Task Order Monitors will provide technical direction for assigned tasks. The term "technical direction" is defined to include, without limitation:

(1) Directions to the Contractor which redirect the contract effort, shift work emphasis within each task, require pursuit of certain lines of inquiry, fill in details or otherwise serve to accomplish the contractual SOW.

(2) Provision of written information to the Contractor which assists in the interpretation of drawings, specifications, or technical portions of the work description.

(3) Review and, where required by the contract, approve technical reports, drawings, specifications, and technical information to be delivered by the Contractor to the Government under the contract.

b. Technical direction must be within the scope of work stated in the contract. The DOE Manager or COR does not have the authority to, and may not, issue any technical direction which:

(1) Constitutes an assignment of additional work outside the SOW;

(2) Constitutes a change as defined in the contract clause entitled "Changes;"

(3) In any manner causes an increase or decrease in the total price or the time required for contract performance;

(4) Changes any of the expressed terms, conditions, or specifications of the contract; or

(5) Interferes with the Contractor's right to perform the terms and conditions of the contract.

c. All technical directions shall be issued in writing.

d. The Contractor shall proceed promptly with the performance of technical direction in the manner prescribed by this clause and within the authority under the provisions of this clause. If, in the opinion of the Contractor, any instruction or direction falls within one of the categories defined in b.(1) through (5), above, the Contractor shall not proceed but shall notify the Contracting Officer in writing within five (5) working days after receipt of any such instruction or direction and shall request the Contracting Officer to modify the contract accordingly. Upon receiving the notification from the Contractor, the Contracting Officer shall:

(1) Advise the Contractor in writing within thirty (30) days after receipt of the Contractor's letter that the technical direction is within the scope of the contract effort and does not constitute a change under the "Changes" clause of the contract;

(2) Advise the Contractor within a reasonable time that the Government will issue a written change order.

e. A failure of the Contractor and Contracting Officer to agree that the technical direction is within the scope of the contract, or a failure to agree upon the contract action to be taken with respect thereto shall be subject to the provisions of the clause entitled "Disputes - Alternate I."

H.04 MODIFICATION AUTHORITY

Notwithstanding any of the other provisions of this contract, the Contracting Officer shall be the only individual authorized to:

a. Accept nonconforming work,

b. Waive any requirement of this contract, or

c. Modify any term or condition of this contract.

H.05 GOVERNMENT-FURNISHED PROPERTY

a. In accordance with the clause entitled "Government Property (Cost-Reimbursement, Time-and-Material, or Labor-Hour Contracts)," the property listed on Part III, Section J, Attachment C, "Government-Furnished Property," is provided for use in the performance of this contract.

b. Reporting Requirements.

(1) The reports required in accordance with the contract clause entitled "Government Property (Cost-Reimbursement, Time-and-Material or Labor-Hour Contracts)," as specified in Department of Energy Acquisition Regulation (DEAR) Part 945 shall be submitted on DOE Form 4300.3 in

accordance with DEAR Part 945 and the form's instructions. The DOE Form 4300.3 and its instructions are listed in Part III, Section J, Attachment F.

(2) The reports are to include all capital equipment and sensitive items acquired or furnished under this contract, whether or not listed herein.

c. Low Dollar Value Limitation. Except as otherwise authorized by the Contracting Officer in writing and notwithstanding the contract clause entitled "Government Property (Cost-Reimbursement, Time and Material or Labor-Hour Contracts)," the Contractor is not authorized to acquire as a direct charge item under this contract, any facility, equipment (including office equipment), furniture, fixtures, or other real or personal property items having a unit acquisition cost of five thousand dollars ($5,000) or more. The Contractor may request authorization for acquisition from the Contracting Officer. Any request for authorization shall include an analysis of the most economical method of acquisition.

H.06 USE OF DOE FACILITIES FOR WORK FOR OTHERS

a. DOE may authorize the Contractor to perform non-DOE federally funded work involving the use of DOE facilities and resources, including Contractor staff, provided that the work is consistent with applicable laws and regulations and satisfies DOE policies regarding mission compatibility and competition with the private and public sector.

b. When a work request is submitted by a sponsoring, non-DOE entity, the Contractor shall, when requested by DOE,

(1) review the work statement for mission compatibility so as to assure that the work is consistent with and complementary to the mission of the contract and the facility, will not adversely affect assigned programs, and will not unduly burden mission resources;

(2) advise the Contracting Officer if the Contractor is aware that performance of the work would result in direct competition with capabilities available in the private or public sector;

(3) develop a cost estimate for the work to be performed and describe the DOE equipment, facilities and Contractor staff required to complete the effort; and

(4) upon receipt of DOE authorization, perform the requested work in accordance with instructions provided by the Contracting Officer.

c. The performance of non-DOE funded work shall be subject to the provisions of this contract and to other applicable rules, regulations, and policies as may be specifically directed to the Contractor's attention by the Contracting Officer.

H.07 KEY/CRITICAL WORK AREA PERSONNEL

a. The personnel specified in Part III, Section J, Attachment D, "Key/Critical Work Area Personnel and Qualifications," are considered to be essential to the work being performed under this contract. The Contractor shall use his best efforts to ensure that the persons designated in Attachment D will be in its employ and on site at the Grand Junction Project Office on the effective date of the contract, and will continue in their positions, unless they resign or are involuntarily separated for cause, for a period of at least 18 months for Key Personnel and at least 12 months for Critical Work Area Personnel.

b. Notwithstanding the contract cost principles set forth in the contract clauses, and those provided in Part 31 of the Federal Acquisition Regulations (FAR), as amended by Part 931 of the Department of Energy Acquisition Regulations, the Contractor agrees to a reduction of any award fee earned, pursuant to H.23 Determination of Award Fee Earned in accordance with the provisions provided below.

c. If a Key Personnel or a Critical Work Area Personnel identified in the Contractors proposal is not available by the effective date of the contract and will not therefore perform, excluding reasons beyond the control of the Contractor such as death or illness, the Contractor agrees as follows:

A reduction will be made equal to (6 for Key Personnel or 3 for Critical Work Area Personnel) times one-half of the monthly salary of each absent person, as stated in the Contractor's proposal, from the award fee earned at the end of the first award fee period of this contract. This reduction recovers the cost to the government of loss of the available person and the cost of reviewing and approving replacements.

d. If a Key Personnel or Critical Work Area Personnel identified in the Contractors proposal is late in arriving on site at the Grand Junction Project Office after the effective date of the contract, a reduction will be made for each late person from the award fee earned at the end of the award fee period in which the person arrives on site, in accordance with the following formula:

(1) Identify the number of days the person was late arriving (actual arrival date minus scheduled date). Divide the number by 30. The whole number, without the remainder, constitutes the number of whole months where performance could not be provided.

(2) If the remainder from (1) is equal to or greater than 0.5 this will be rounded to one month. If less than 0.5 then no additional month will accrue.

(3) Add the months in (1) plus (2) and this constitutes the total months the employee will not be available.

(4) Multiply the months in (3) above times the full monthly salary of the person, as stated in the Contractor's proposal. This reduction covers the cost to the government of loss of the available personand the cost of reviewing and approving a replacement.

e. If the Contractor transfers a Key or Critical Work Area Personnel from the work effort required under this contract, prior to expiration of 18 months after the effective date of the contract for Key Personnel and 12 months after the effective date of the contract for Critical Area Personnel the Contractor agrees as follows:

For each person transferred, a reduction will be made from the award fee earned in the award fee period in which the person was transferred based on the following:

(1) From the date the person reported for duty to the date when the person transferred, all direct costs will be accrued and totaled. Direct costs include relocation, travel, training, site visits, familiarization visits, educational expenses, the salary value between the time when the person is transferred and the replacement person arrives, and any other costs that can be directly attributed to the loss of the person during this period.

(2) The salary of the person identified to replace the transferred person will be used to calculate a loss in performance to the Government by the transferred person. One half of the persons monthly salary will be multiplied by either (six for Key Personnel or three for Critical Work Area Personnel) to calculate the retraining requirements to bring the replacement person to the level necessary to effectively carry out assigned responsibilities.

(3) The Contracting Officer will identify any additional cost to the government to provide support for the replacement of the transferred person with his/her replacement. This includes the cost necessary to review resumes, the cost to revise the contract, and any other costs necessary to support the change in employment that would not have been required if the employee had remained in the identified position for 18 months for Key or 12 months for Critical Work Area Personnel.

f. Prior to diverting any of the person specified in paragraph a. above to activities not under this contract, the Contractor shall notify the Contracting Officer reasonably in advance (not less than 30 days prior to the diversion or substitution for Key/Critical Work Area Personnel), and shall submit justification (including proposed substitutions) in detail.

g. Individuals proposed as Key Personnel/Critical Work Area Personnel must be approved by-the Contracting Officer. Proposed replacements shall be of comparable experience, education, and ability.

h. In the event the amount of the reductions to the award fee under this clause during a given award fee period exceed the sum of the award fee otherwise earned for that period, any remaining balance will be taken from as many subsequent award fee periods as necessary.

h. Should the Contractor enter into subcontracts with entities which have employees who will be Key/Critical Work Area Personnel under the prime contract, said subcontracts shall contain the terms and conditions necessary to ensure that those individuals will be available to perform the contract.

i. Such determinations under this H.07 Key/Critical Work Area Personnel concerning the reductions from the award fee earned is binding on both parties and shall not be subject to appeal under the "Disputes" clause or any other appeal clause.

H.08 SUBCONTRACTS

Prior to the placement of subcontracts and in accordance with the clause entitled "Subcontracts (Cost-Reimbursement and Letter Contracts)," the Contractor shall ensure that:

a. They contain all of the clauses of this contract (altered when necessary for proper identification of the contracting parties) which contain a requirement for such inclusion in applicable subcontracts;

b. Any applicable Subcontractor Cost or Pricing Data and a Certificate of Current Cost or Pricing Data (see Federal Acquisition Regulation (FAR)15.804-2) and Subcontractor Representations and Certifications; and

c. Any required prior notice and description of the subcontract is given to the Contracting Officer and any required consent is received. Except as may be expressly set forth therein, any consent by the Contracting Officer to the placement of subcontracts shall not be construed to constitute approval of the Subcontractor or any subcontract terms or conditions, determination of the allowability of any cost, revision of this contract, or any of the respective obligations of the parties thereunder, or creation of any Subcontractor privity of contract with the Government.

d. The Contractor shall also obtain and furnish to the Contracting Officer either an Organizational Conflicts of Interest (OCI) Disclosure Statement or Representation form in accordance with DEAR 909.570-7 "Organizational Conflicts of Interest Disclosure or Representation" for all Subcontractors to be utilized under this contract. No work shall be performed by the Subcontractor until the Contracting Officer has cleared the Subcontractor for OCI.

e. The following Subcontractors have been cleared by the Contracting Officer for OCI:

NAME OF COMPANY	VALUE OF AWARD

(This information shall be completed at award if necessary.)

H.09 SERVICES OF CONSULTANTS

a. In addition to the provisions of the Section I clause of this contract entitled "Subcontracts (Cost-Reimbursement and Letter Contracts)," the prior written consent of the Contracting Officer shall be obtained:

(1) Whenever any employee of the Contractor is to be reimbursed as a "consultant" under this contract; or

(2) For the utilization of the services of any consultant under this contract exceeding the daily rates of $278 exclusive of travel costs; or

(3) Where the services of any consultant under this contract shall exceed ten days in any calendar year, or exceed a total value of $1,000.

b. Whenever Contracting Officer written consent is required, the Contractor shall obtain and furnish to the Contracting Officer information concerning the need for and selection of such consultant services and the reasonableness of the fees to be paid, including, but not limited to, whether fees to be paid to any consultant exceed the lowest fee charged by such consultant to others for performing consulting services of a similar nature.

c. The Contractor must obtain and furnish to the Contracting Officer either an OCI Disclosure Statement or Representation form in accordance with DEAR 909.570-7 "Organizational Conflicts of Interest Disclosure or Representation" for all consultants to be utilized under this contract prior to their performing any effort under this contract. No effort shall be performed until the Contracting Officer has cleared the consultant for OCI.

d. The following consultants have been cleared by the Contracting Officer for OCI:

NAME OF CONSULTANT	VALUE OF AWARD

(This information shall be completed at award if necessary.)

H.10 EQUIVALENT FEDERAL WAGE RATES

In the performance of this contract, the Contractor shall comply with the requirements of U.S. Department of Labor Wage Determination, Section J, Attachment J, entitled "U.S. Department of Labor Wage Determination." Furthermore, the clauses entitled, "Service Contract Act of 1965, as amended" and "Statement of Equivalent for Federal Hires Rates" are applicable.

H.11 AUTOMATED DATA PROCESSING EQUIPMENT (ADPE) USAGE

ADPE requirements which were not included in the Contractor's original proposal may not be acquired (leased or purchased) without the prior written consent of the Contracting Officer. Whenever the Contracting Officer's written consent is required, the Contractor shall furnish to both COR and Contracting Officer information concerning the need for and selection of such ADPE, the specific make(s) and model(s), and the lease-versus-purchase determination.

H.12 ADPE LEASING

a. If the Contractor leases ADPE equipment for use under this contract, the Contractor shall include a provision in the rental contract stating that the Government shall have the unilateral right to exercise any purchase option under the rental contract between the Contractor and the ADPE equipment vendor and to realize any other benefits earned through rental payments.

b. The Contractor shall furnish a copy of the rental contract to the Contracting Officer under the terms of this provision.

H.13 STANDARD INSURANCE REQUIREMENTS

In accordance with the clause entitled "Insurance-Liability to Third Persons," the following kinds and minimum amounts of insurance are required during the performance of this contract:

a. Worker's Compensation and Employer's Liability Insurance:

(1) The amount required by the State of Colorado under applicable Worker's Compensation and occupational disease statutes.

(2) Employer's liability insurance in the amount of $500,000.

b. General Liability Insurance. Bodily injury liability coverage written on the comprehensive form of policy of at least $1,000,000 per occurrence.

c. Automobile Liability Insurance. Coverage shall be on the comprehensive form of policy. It shall provide for bodily injury and property damage liability covering the operation of all automobiles used in connection with performing the contract. Policies covering automobiles operated in the United States shall provide coverage of at least $500,000 per person and $1,000,000 per occurrence for bodily injury and $100,000 per occurrence for property damage.

d. The amount of liability coverage on other policies shall be commensurate with any legal requirements of the locality and sufficient to meet normal and customary claims.

H.14 RELEASE OF INFORMATION

a. The Contractor is responsible for developing, planning, and coordinating proactive approaches to dissemination of timely information regarding DOE activities onsite and offsite. This includes, but is not limited to, operations and programs. This shall be accomplished through coordination with the GJPO Public Affairs Office. Proactive communications and public affairs programs shall include or make use of a variety of tools, among them public workshops, meetings or hearings, open houses, newsletters, press releases and/or conferences, audio/visual presentations, speeches, forums, tours, and other appropriate stakeholder interactions such as involvement with the Site Specific Advisory Board.

The Contractor shall assure that the public, including the media, citizen's groups, private citizens, and local, state, or federal Government officials, have a clear understanding of DOE activities at the site.

b. The Contractor is responsible for following established DOE procedures for all oral, written, and audio/visual information material prepared for public use, including technical information.

H.15 PERSONNEL SECURITY CLEARANCES

a. The Contractor is required to conduct preemployment investigative screening of prospective employees in order to ensure trustworthiness and reliability. Certification by the Contractor to the Department of Energy Contracting Officer of a favorable investigation is required prior to employment. The certification shall include verification of identity, previous employment, and education and the results of credit and law enforcement checks.

b. Personnel assigned by the Contractor to work at the Grand Junction Projects Office may be required to obtain a security clearance. This requirement may be waived by the Contracting Officer for personnel not involved with classified information, while clearances are being processed, or for personnel associated with the program for short periods of time, such as consultants.

c. The Contractor shall turn in badges for employees who are no longer working on the contract, for employees who no longer need access for whatever reason, or when a badge expires. Badges shall be returned to the cognizant security office.

H.16 RESOURCE CONSERVATION AND WASTE MINIMIZATION

The Contractor shall develop and implement a program to promote cost-effective waste reduction and recycling of reusable materials in the performance of the contract. Such program shall effect operational and procurement practices to: a. reduce or minimize waste generation, and b. encourage the use and procurement of recycled/recovered materials to the maximum extent practicable, consistent with other objectives and requirements of the contract and such guidelines or directives as the Contracting Officer may from time to time prescribe.

H.17 ENVIRONMENT, HEALTH, AND SAFETY (GOVERNMENT-OWNED OR LEASED)

a. External and internal requirements, including laws and regulations, mandate that the Department of Energy, through its Contractors, conduct a responsible and comprehensive program to assure that the Grand Junction Projects Office is an environmentally acceptable installation and is operated in a safe and healthy manner. The Contractor will use its best efforts to achieve this purpose and to cooperate, along with the DOE, with Federal and State agencies having interest in environmental, safety, and health matters and to maintain good relations with such agencies.

b. (1) Performance of the work under this contract shall be conducted in a manner that is protective of the environment and the health and safety of employees and the public. The Contractor shall comply with all applicable environmental, safety, and health requirements including those in the DOE Orders, Directives, and Procedures Clause; and Federal, state, and local laws and regulations. The Contractor shall notify the Contracting Officer in the event that the Contractor becomes aware of any direction or instruction, written or oral, which contradicts, limits, or compromises those environment, safety, and health requirements.

(2) The Contracting Officer shall notify the Contractor, in writing, of any noncompliance with applicable requirements which come to the Contracting Officer's attention. After receipt of such notice, the Contractor shall take corrective action as directed by the Contracting Officer. In the event that the Contractor fails to take corrective action, the Contracting Officer may issue an order stopping all or any part of the work. In addition, if at any time during performance of the contract work the Contractor's acts or failure to act causes substantial harm or an imminent danger to the environment or health and safety of employees or the public, the Contracting Officer may, without prejudice to any other legal or contractual rights of DOE issue an order stopping all or any part of the work. In either case thereafter, a start order for resumption of the work may be issued at the discretion of the Contracting Officer. The Contractor shall not be entitled to an extension of time or additional fee or damages by reason of, or in connection with, any work stoppage ordered in accordance with this clause.

c. The Contractor shall submit, within 60 days after the date of award of this contract, an Environment, Safety and Health Management Plan (see Part III, Section J, Attachment K, Guidance for ES&H Management Plan) to the Contracting Officer for review and approval. The plan shall be updated by the Contractor and approved by the DOE for implementation in the budget execution year to reflect budget decisions and establish commitments on the part of the Contractor. Revisions to the Plan shall be subject to the established Grand Junction Projects Office change control process. It is expected that the Contractor shall demonstrate that all commitments have been fulfilled at the end of the budget execution year. The Plan shall demonstrate the methods to be employed to ensure that environmental, safety and health requirements are integrated into all phases of contract activities. The Plan shall also include provisions for periodic (at least annual) internal environment, safety and health self-evaluation, including the standards and criteria to be applied, and provisions for correcting deficiencies. The results of such evaluations shall be made available to DOE.

d. The Contractor shall submit to DOE for approval the provisions requiring subcontractors to comply with the Contractor's environment, safety and health requirements including stop work authority. These environment, safety and health requirements shall be included in all subcontracts involving work to be performed on-site at DOE-owned or leased facilities. These requirements shall also be in accordance with applicable DOE regulations, directives, and other DOE requirements. The subcontract provisions shall provide that no claim shall be made for adjustment in the subcontract amount or the performance schedule, or for damages, by reason of a stop work order issued for failure to comply with environment, safety and health regulations or requirements of the DOE. However, such provisions in the contract shall not relieve the Contractor of its obligations to assure subcontractor compliance with the provisions of this clause for all aspects of the work. The approved subcontract provisions shall be included in subcontracts.

H.18 NONSUPERVISION OF CONTRACTOR EMPLOYEES ON GOVERNMENT FACILITIES

In carrying out the work under this contract, the Contractor shall be responsible for the employment of all professional technical, skilled, and unskilled personnel engaged and to be engaged by the Contractor in the work hereunder, and for the training of personnel. Persons employed by the Contractor shall be and remain employees of the Contractor and shall not be deemed employees of the DOE or the Government; however, nothing herein shall require the establishment of any employer-employee relationship between the Contractor and consultants or others whose services are utilized by the Contractor for the work hereunder.

H.19 SUBCONTRACT ASSIGNMENT

In the event a subcontract is entered into by the Contractor which extends beyond the period of performance of this contract, the Contractor shall negotiate a clause substantially the same as the following in such subcontract:

"As designated and approved by the Contracting Officer, this subcontract may be reassigned to another contract with no change to the terms and conditions of the subcontract."

H.20 DISTRIBUTION OF AWARD FEE POOL

a. Award Fee. For award fee determination purposes, the contract shall be divided into six-month periods. The Award Fee Pool attributable to each of the award fee periods shall be established by the following formula:

$$\frac{\text{DPLH Provided During the Evaluation Period}}{\text{Specified DPLH}} \times \text{Maximum Award Fee Available} = \text{Award Fee Pool}$$

The aggregate amount of all award fee pools shall be limited to the maximum award fee available as specified in Section B, Paragraphs B.02 and B.04 if options are

exercised. Award fee denied during any period pursuant to the Contractor Performance Evaluation Plan shall not be available in subsequent periods.

H.21 PAYMENT OF BASE AND AWARD FEE

a. Base Fee. The Government shall make payment of the base fee in monthly increments based on the percentage of completion of work as determined by the following formula:

Base Fee / DPLH = Fee per Hour Fee per Hour x DPLH Expended = Fee Billable for month

The amount payable shall be based on the monthly DPLH not to exceed the amount established in B.03. In the event the options are exercised, the DPLH amounts specified in B.04 shall apply.

b. Award Fee. This contract shall be modified by a unilateral contract modification, executed by the Contracting Officer when the award fee, if any, has been determined by the Government Fee Determination Official. The modification shall set forth the amount of fee earned for the performance period evaluated. Upon receipt of the contract modification, the Contractor may submit a public voucher for payment of the total award fee earned for the period evaluated. The Government shall promptly make payment of any award fee upon receipt of the Fee Determination Official's authorization in the amount of the total fee earned for the period evaluated.

H.22 PERFORMANCE EVALUATION PLAN

a. A Performance Evaluation Plan upon which the determination of award fee shall be based, the criteria under each area evaluated, and the percentage of award fee, if any, available for each area, shall be unilaterally established by the Government. The Performance Evaluation Plan will be developed in accordance with Performance-Based Fee Determination Procedures as provided in Part III, Section J, Attachment E. The Performance Criteria shall be provided 30 calendar days prior to the start of the first evaluation period.

b. The Performance Evaluation Plan may, consistent with the contract, be revised unilaterally by the Government. Notification of such changes shall be provided to the Contractor 60 calendar days prior to the start of the evaluation period to which the change shall apply. The Performance Evaluation Plan is binding on both parties and is not subject to appeals under the clause entitled "Disputes" or any other clause.

H.23 DETERMINATION OF AWARD FEE EARNED

a. The Government shall at the conclusion of each specified evaluation period(s) evaluate the Contractor's performance for a determination of award fee earned. The Contractor agrees that the determination as to the amount of award fee earned shall be made by the Government Fee Determination Official (FDO) and such determination concerning the amount of award fee earned is binding on both parties and shall not be subject to appeal under the "Disputes" Clause or any other appeal clause.

b. It is agreed that the evaluation of Contractor performance shall be in accordance with the Performance Evaluation Plan referenced in the Special Contract Requirements Clause H.22 entitled, "Performance Evaluation Plan," and that the Contractor shall be promptly advised in writing of the determination, and the reasons why it was or was not earned. While it is recognized that the basis for determination of the fee shall be the evaluation by the Government, in accordance with the Performance Evaluation Plan, the Fee Determination Official may also consider any information available which relates to the Contractor's performance of contract requirements. In the event the Contractor's performance is considered unacceptable in any areas of contract performance which is specified in the Performance Evaluation Plan, the FDO may at his/her discretion determine the Contractor's overall performance to be unacceptable, and accordingly may withhold the entire award fee for the evaluation period.

c. If the following conditions are not met, the FDO may reduce the award fee or share of cost savings, in whole or in part, which has otherwise been determined to have been earned under the terms and conditions of this contract. Any determination under this clause is not subject to the clause entitled "Disputes."

(1) ES&H Program: The Contractor shall develop, obtain DOE approval and implement a comprehensive program across the appropriate Environment, Safety and Health functional areas. Such program will be consistent with the annual ES&H Management Plan and, if acceptable to DOE, will be approved by the Contracting Officer. The minimal performance requirements of the program will be set forth in the Award Fee Performance Evaluation Plan. The Contractor must achieve the minimum requirements of the program in order to receive any fee or incentive under the contract other than Base Fee, if any.

(2) Catastrophic Event. If the Government determines that the Contractor is responsible for a serious incident(fatality) or catastrophic event which results in significant damage to the environment, and/or endangers the safety and health of workers and/or the public, the FDO may reduce any fees (other than base fee) in whole or in part.

H.24 TASK ORDER PROCEDURES

Performance under this contract shall be subject to the following ordering procedure:

a. General

(1) Task orders shall be used to specifically define work to be performed. Task order requirements shall be within the scope, objectives, and technical

requirements of this contract. Task orders issued shall not change any terms or conditions of the contract. Tasks defined that fail to conform or fall within the scope, objectives, and technical requirements of the contract shall be procured by separate contract or by supplemental agreement.

(2) The only means whereby the Contractor is authorized to perform under the contract is through a task order directed by the Contracting Officer as hereinafter provided.

(3) Task Orders shall be issued only by the Contracting Officer to the Contractor designating (a) the task to be performed, (b) the period of performance, (c) the estimated price and funding, (d) reporting requirements, (e) any Government-furnished property, (f) estimated travel, (g) deliverables, (h) if appropriate, performance-based management criteria, and (i) any other special provisions as may be required.

(4) Task Orders shall be written to define a finite segment of work over a finite period of time. Requirement changes that are within the scope of an approved task order, or that are clearly not severable from a basic task order, shall be incorporated by an amendment to the task order, all others require issuance of a new task order.

(5) A Contractor may be given direction only through an approved task order. A task order shall be written and administered so as to preclude the use or the appearance of personal services.

(6) Task orders shall be numbered. A revision to a Task shall be identified by an alpha designation following the existing Task number indicating the revision sequence.

b. Issuance of Task Orders.

(1) DOE develops draft Task Orders and Statements of Work and sends to the Contractor.

(2) The Contractor responds with development of technical proposals which include proposed schedule, cost, and performance measures. The technical proposals, with supporting backup information, are provided to DOE.

(3) The Contracting Officer's Representative (COR) and the DOE Task Order Monitor, after preparing a draft task order and Statement of Work, shall meet with the Contractor to discus the technical aspects, period of performance, allocation of level of effort, and other resources to be allocated to the task order. During these discussions, the draft task order and the Statement of Work shall be revised as necessary.

(4) After review and approval by the Contracting Officer, the task order shall be sent in triplicate to the Contractor. The Contractor shall sign and return one copy of the task order to the DOE Contracting Officer, and one copy to the COR.

(5) The Contracting Officer shall sign the task order and distribute the final/approved task order. Upon receipt of the final task order approved as signed by the DOE Contracting Officer, the Contractor shall commence work as required by the task order.

(6) Task order amendments shall be prepared and processed in the same manner as task orders.

c. Administration of Task Orders.

(1) The COR will establish and maintain a current list of all task orders which, as a minimum, identifies total funds and personnel hours, both allocated to active task orders and expended on completed task orders. The COR will also implement internal management procedures appropriate to the contract to maintain cognizance of resources, technical status and schedules for each task order and for the total contract. The data must be sufficiently detailed and current so that timely action can be taken to make sure no contractor effort is expended on a task order without prior obligation of the proper funds on the contract to cover that effort.

(2) The Contractor shall notify the Contracting Officer in writing, upon having expended 75% of funds designated for the task order, or when it is anticipated that 75% of funds obligated will be expended at the end of the month subsequent to that during which notification is provided. Such notification shall be made for each individual Task Order and shall include the following:

(a) Total hours expended or expected to be expended when 75% expenditure of funds has been reached.

(b) Percentage of completion of effort.

(c) Work accomplished and work remaining to be done.

(d) In the event that the estimated cost to complete is greater than the funds obligated to the Task Order, the Contractor shall submit a written proposal.

d. Order of Precedence These ordering procedures are of a lesser order of precedence than the "Limitation of Funds," "Period of Performance," or "Level of Effort/Direct Productive Labor" clauses of the contract. The Contractor is not authorized to incur costs on Task Assignments which are not in compliance with any of those clauses of the contract.

H.25 GOVERNMENT-FURNISHED FACILITY AND SERVICES

a. The Government shall furnish the Contractor, for contract performance at the Grand Junction Projects Office, with adequate office space. Space allocation map is in Part III, Section J, Attachment C, Government-Furnished Property.

b. On-site utilities and office furnishings, required DOE Orders, Standard Manuals, supplies, and access to the AL computer systems shall be furnished by the

Government on an as-required basis. For those tasks being accomplished on-site at Government facilities, the Government shall provide all telephone service and on-site mail service during contract performance. On-site is defined as a specified location at a Government facility.

H.26 OBSERVANCE OF LEGAL HOLIDAYS

The Government hereby provides "notice" and the Contractor hereby acknowledges "receipt" that Government personnel observe the following days as holidays.

New Year's Day	Martin Luther King Day
President's Day	Memorial Day
Independence Day	Labor Day
Columbus Day	Veterans Day
Thanksgiving Day	Christmas Day

Any other day designated by Federal statutes;
Any other day designated by Executive Order;
Any other day designated by Presidential proclamation

The Contractor shall conform to these holidays observed by the Government. Observance of such days by the Contractor shall not be cause for an additional period of performance, or entitlement of compensation except as set forth in the contract.

The Contractor agrees to continue to provide sufficient personnel to perform critical tasks already in operation or scheduled and shall be guided by the instructions issued by the Contracting Officer.

H.27 SOFTWARE RIGHTS

If at any time during the performance of this contract, the Contractor has reason to believe that:

a. The utilization of Government-furnished computer resources, specifically Government-furnished software, may involve or result in the violation of the DOE's license agreement; or

b. The performance of a requirement or task would involve the acquisition of software to be delivered to the Government which is licensed.

The Contractor shall notify the Contracting Officer in writing and provide an explanation of the circumstances. Until such authorization is provided, the Contractor is not authorized to violate any licensing agreements, cause the DOE to violate any licensing agreements, or acquire software which is covered by a licensing agreement on behalf of the Government.

H.28 CONTRACTOR INTERFACE

The Contractor shall coordinate all support services and integrate projects with the Facility Operations and Support Contractor and Subcontractors in a cost efficient manner to ensure GJPO's ability to provide a full spectrum of environmental restoration, waste management, and project management activities in a cost efficient manner. In the performance of this contract, the Contractor agrees to cooperate with the Facility Operations and Support Contractor by providing access to technical information and data, by delivering data as specified on Part III, Section J, Attachment B, Reporting Requirements, and by discussing technical and support services required.

H.29 DOE ORDERS, DIRECTIVES, AND PROCEDURES

a. The Contractor shall comply with all applicable DOE Orders, directives, and procedures (Order) as provided in Part III, Section J, Attachment H, Applicable DOE Orders.

b. Upon receipt of a new or revised Order, the Contractor shall review it for consistency with the other terms of this contract and for impacts on funding, manpower and other provisions of the contract. If the Contractor considers the Order to be consistent with the other terms of this contract and it can be implemented within existing funds, manpower, and other provisions of the contract, and the implementation shall not have a negative impact on the cost, schedule, or other obligations of the Contractor, the Contractor shall establish an implementation schedule, and so advise the Contracting Officer within 30 calendar days of receipt.

c. In the event the Contractor considers the Order to be inconsistent with the other terms of this contract or the requirements of the Order cannot be implemented within existing funding, manpower, and other provisions of the contract, the Contractor shall so advise the Contracting Officer within 30 calendar days of receipt. Such notice shall include the basis for the claimed inconsistency and the projected cost of implementation in excess of current funding, manpower. and other provisions of the contract. If the Contracting Officer determines compliance with the Order constitutes a change, the Contracting Officer shall issue direction to the Contractor, pursuant to the clause entitled "Changes" concerning appropriate implementation of the Order.

d. The Contractor shall incorporate the substance of this clause with respect to applicable Orders, excluding any reference to the Changes clause, in subcontracts for performance of work at the site and as directed by the Contracting Officer.

H.30 LABOR RELATIONS

a. The Contractor shall respect the rights of employees (i) to organize, form, join or assist labor organizations, bargain collectively through representatives of the employees own choosing, and engage in other protected concerted activities for the purpose of collective bargaining, and (ii) to refrain from the above activities.

b. To the extent required by law, the Contractor shall give notice to any lawfully designated representative of its employees for purposes of collective bargaining agreement and, upon proper request, bargain to good faith impasses or agreement, or otherwise satisfy applicable bargaining obligations.

c. The Contractor shall promptly advise the Contracting Officer of, and provide all appropriate documentation regarding, any labor relations developments that involve or appear likely to involve:

(1) Possible strike situations affecting the facility;

(2) Referral to the Energy Labor-Management Relations Panel;

(3) The National Labor Relations Board at any level;

(4) Recourse to procedures under the Labor-Management Act of 1947, as amended, or any other Federal or State Labor law; or

(5) Any grievance which may reasonably be assumed shall be arbitrated under a Collective Bargaining Agreement.

H.31 DIVERSITY

The Contractor shall develop and implement a Diversity Program for the accomplishment of the DOE's Diversity Initiative. A Diversity Plan (covering the five-year term of the Contract) shall be submitted to the Contracting Officer 120 days after the effective date of this Contract.

The Diversity Plan shall address the Contractor's approach to ensure an effective Diversity Program (addressing applicable Affirmative Action and Equal Employment Opportunity regulations) to include: (1) a statement of the Contractor's policies and practices; and (2) examples of planned initiatives and activities which demonstrate a commitment to a Diversity Program including recruitment strategies for hiring a diverse work force. The Diversity Plan shall also address, as a minimum, the Contractor's approach for promoting diversity through (1) the Contractor's work force, (2) educational outreach, (3) stakeholder involvement and outreach; (4) subcontracting, and (5) economic development.

An annual Diversity Report shall be submitted pursuant to Part III, Section J, Attachment B, entitled "Reporting Requirements." This report shall provide a list of accomplishments achieved both internally and externally, projected developments, and any updates/changes to the Diversity Plan during the current reporting period. See Part III, Section J, Attachment I, entitled "Guidance for Preparation of a Diversity Plan."

H.32 CORPORATE HOME OFFICE EXPENSES

No corporate home office expense of the Contractor shall be allowable under this contract without the prior approval of the Contracting Officer.

H.33 LIMITATION OF INDIRECT COSTS

a. Notwithstanding any other clause(s) of this contract, the Government shall not reimburse the Contractor for any indirect costs in excess of the indirect expense dollars derived for each of the Contractor's fiscal years by the application of the following individual indirect cost ceiling rates to the appropriate base outlined below. All indirect costs in excess of said amount(s) shall be borne by the Contractor.

Indirect Cost	Indirect Cost Ceiling Rate(s) per Contractor's Fiscal Year (*)					
	FY 96	FY 97	FY 98	FY 99	FY 00	FY 01
Overhead Information N/A	-0-	-0-	-0-	-0-	-0-	
G&A Information Total Cost Input	2.30%	2.27%	2.99%	3.25%	3.23%	3.54%
Fringe Benefit (if applicable) Total Labor Dollars*	35.11%	35.11%	35.11%	35.11%	35.11%	35.11%

*Accepted contingent upon equitable adjustment should medical insurance costs rise at a rate greater than labor escalation.

b. The indirect cost limitation set forth above include provisions for all known increases that shall take place during the term of this contract resulting from statute, court decisions, and/or written ruling or regulation by the Internal Revenue Service or any other taxing authority. However, in the event that during the term of this contract any other statute, court decision, and/or written ruling or regulation affects the Contractor's indirect costs, the indirect cost limitations shall be adjusted to the extent the Contracting Officer determines the increase or decrease, if any, said statute, court decision, and/or ruling or regulation impacts the Contractor's indirect costs.

c. Should the DPLH total less than 80% of the estimated DPLH during the previous year, the Contractor may request a renegotiation of the ceiling rate.

H.34 COST REDUCTION PROPOSALS

a. General

It is the Department of Energy's intent to have its facilities and laboratories operated in the most efficient and effective manner possible. To this end the Contractor shall, in the performance of this contract, assess its operations and identify areas where cost reduction would bring cost efficiency to operations without adversely affecting the level of performance required by the contract.

The Contractor, to the maximum extent possible, shall identify areas where cost reduction may be effected and develop and submit Cost Reduction Proposals (CRPs) addressing such to the Contracting Officer for review. If accepted, the Contractor

shall share in any net (hard dollar) savings realized from accepted CRPs in accordance with the incentive sharing arrangement in paragraph (g) below.

b. Definitions

"*Hard dollar savings*" as used in this clause, means cost savings which revert to DOE control and may be available for deobligation in the immediate fiscal year, or which shall become available for deobligation in the following fiscal year. Such savings may result from a specific cost reduction effort which is broken out from other effort and negotiated on a Cost Plus Incentive Fee (CPIF)/Fixed Price Incentive (FPI)/Firm Fixed Price (FFP) basis or may result directly from innovative new or changed designs, processes and/or methods initiated by the Contractor and applied to a specific project or program. Such new or changed designs, processes and/or methods must demonstrate a departure from business as usual approach by achieving cost effectiveness in excess of that anticipated by the "expected performance" level set forth in the Task Order. Hard Savings are the net savings that result from the difference in the estimated cost of performing an effort/project as originally planned and the actual cost of performing that same effort/project utilizing a revised plan intended to reduce costs, along with any development, implementation and possibly administrative costs associated with the revised plan. Such savings must result in funding being returned to the direct control of DOE. Savings resulting from formal or informal direction given by DOE shall not be considered as hard dollar savings and shall not qualify for incentive sharing. Changes in the mission or routine reorganization of the Contractor due to changes in the budget shall not be considered as hard dollar savings and shall not qualify for incentive sharing. Hard dollar savings shall be limited, for purposes of the sharing rate(s) set forth in paragraph (g) below, to a period not to exceed the current fiscal year in which they were initiated and the next fiscal year. In order to qualify for sharing, savings must be susceptible to deobligation from the instant contract, whether or not such deobligation takes place.

"*Contractor's development and implementation costs*," as used in this clause, means those costs the Contractor incurs on a CRP specifically in developing and testing the CRP as well as those costs the Contractor incurs to make the changes necessary for DOE acceptance of a CRP. "DOE costs," as used in this clause, means those DOE costs that result directly from implementing the CRP, such as any net increases in the cost of testing, operations, maintenance, and logistics support. The term does not include the normal administrative costs of processing the CRP.

"*Cost reduction*" means the amount of the decrease in cost of performance, without deducting any Contractor's development or implementation costs, resulting from using the CRP on this contract.

c. Procedure for Submission of CRPs

CRPs for Value Engineering (design/process/methods/cost) type changes submitted by the Contractor should contain, at a minimum, the following:

Current Method (Baseline) -- A verifiable description of the current scope of work, cost, and schedule to be impacted by the initiative and supporting documentation.

New Method (Baseline) -- A verifiable description of the new cost, work scope, and schedule, how the initiative shall be accomplished, and supporting documentation.

Feasibility Assessment -- A description and evaluation of the proposed initiative and benefits, risks, and impacts of implementation. This evaluation should include an assessment of the difference between the current baseline and proposed new method less implementation costs.

CRPs for the establishment of stand alone CPIF/FPI/FFP programs not specifically related to Value Engineering (design/process/methods/cost) type changes should contain, at a minimum, the following:

Baseline Description -- A verifiable description of the current scope of work, cost and schedule to be impacted by the initiative.

Proposed Contractual Arrangement -- A proposed contractual arrangement and the justification therefor.

Estimated Cost & Supporting data -- A detailed cost estimate and supporting rational. If the effort is proposed on an incentive basis, then minimum and maximum cost estimates should be included for any proposed sharing arrangements.

d. Evaluation and Decision

(1) Once a cost reduction initiative is identified, the Contractor shall submit proposed cost reduction initiatives to the Contracting Officer for approval prior to incurring any costs. Costs incurred related to cost reduction initiatives will be considered unallowable under the Contract without prior Contracting Officer approval. After approval, a proposal must be prepared, submitted and negotiated with DOE prior to actually commencing the work. In any event, a proposal shall be submitted prior to commencing any work. If the initiative is for an innovative design change then it shall be evaluated against the following minimal list of criteria.

(a) Will implementation pose a risk to the health and safety of workers and the community, or to the environment?

(b) Will implementation result in a deviation from DOE requirements, such as DOE Orders and joint oversight agreements?

(c) Will implementation require a change in contractual agreements?

(d) Will implementation result in significant organizational and personnel impacts?

(e) Will implementation create a negative impact on the cost, schedule, or scope of work in another area?

(f) Will implementation pose a potential negative impact on the credibility of the Contractor or the DOE?

(g) Will implementation impact successful completion of all work anticipated in the baseline?

(h) Will implementation require approval from DOE-Headquarters, regulators, or other agencies?

(2) Cost reduction initiatives that are implemented without prior approval of the DOE (see subparagraph d.(1) above) will not obligate the DOE to share savings realized as a result of those initiatives. If the Contractor initiates performance under a CRP prior to receiving approval by DOE, and the proposal is subsequently approved, the Department is not obligated to share with the Contractor those savings. The Contractor can terminate an unapproved/disapproved program at any time without repercussions from DOE. The Contractor shall be permitted to receive reimbursement for costs incurred to implement the proposal prior to the Department's rejection of the proposal so long as the costs are within the scope of work and are allowable costs.

e. Calculation of Estimated Net Savings

Estimated net savings shall be calculated by subtracting the total costs of the proposed CRP (New Method + Development Cost + Implementation + Possible Administrative Costs)) from the total costs of the existing requirements.

f. Acceptance or Rejection of CRPs

The DOE Contracting Officer shall notify the Contractor that a CRP will be accepted, or rejected (or deferred) within 45 days of receipt.

The only CRPs that shall be considered for acceptance are those which the Contractor can demonstrate shall (i) result in a reduction in the total agreed upon estimated cost for authorized work in the sharing period, (ii) not reappear as costs in subsequent periods and (iii) not result in any impairment of essential functions.

g. Sharing Rate

In general, if a CRP is accepted, the Contractor's share in net acquisition savings shall not exceed 25 percent of the savings realized by DOE during the defined sharing period. The Contractor agrees that not less than 15 percent of the Contractor's share of savings shall be retained at the site to be distributed to those employees involved in identifying and/or achieving the cost reduction. The specific share arrangement (targets, share lines, ceilings, etc.) for effort negotiated on an incentive basis shall be set forth in the contractual document authorizing the effort.

h. Validation of Actual Savings

The DOE shall have the right to validate the actual costs of an accepted CRP, to determine the extent of actual savings. If, in the opinion of the DOE, the actual savings are significantly more or less than the estimated savings of the CRP or in the reduction of the estimated cost for the sharing period, the amount awarded under the CRP shall be adjusted.

i. Relationship to Other Incentives

Only those benefits of an accepted CRP not rewardable under other clauses of this contract shall be rewarded under this clause.

j. Subcontracts

The Contractor may include an appropriate clause similar to this clause in any subcontract. In calculating any estimated net savings in a CRP under this contract, the Contractor's preparation, submission, testing, development and implementation costs shall include any Subcontractor's allowable costs, and any CRP incentive payments to a Subcontractor clearly resulting from the acceptance of such CRP. The Contractor may choose any arrangement for Subcontractor CRP incentive payments, provided that the payments shall not reduce the DOE's share of contract net savings.

k. Disputes

Actions taken under this clause shall not be subject to the "Disputes" clause of this contract or otherwise subject to litigation under the Contract Disputes Act of 1978 (41 U.S.C. 601 et. seq.)

l. Termination

In the event of contract termination, this clause shall not apply. Termination settlements shall be in accordance with the clause entitled, "Termination" of the contract.

H.35 INTER-DOE WORK ORDERS

The Contractor shall perform work for other Department of Energy prime Contractors in accordance with the Statement of Work on a cost reimbursement basis. All work shall be authorized by the Contracting Officer and issued to the Contractor for performance through the task order procedure as provided in the contract and in accordance with the applicable DOE procedures.

H.36 RELOCATION COSTS

Relocation costs incurred with regard to relocating an employee to the work site are allowable in accordance with FAR 31.205-35, Relocation Costs for this contract. Contractor shall obtain advance written approval from the Contracting Officer prior to permanently relocating any employee to the local area and charging the cost, or any portion thereof, to this Contract.

H.37 AVOIDANCE OF ORGANIZATIONAL CONFLICTS OF INTERESTS (OCI)

a. Neither the Contractor, its subsidiaries, or its Subcontractors shall be permitted to review, evaluate, or otherwise inspect work performed by the Contractor, its subsidiaries or Subcontractors under this or any other previous or existing contract or subcontract, where work was performed at the GJPO or at any other Department of Energy site or office.

b. All task orders issued to the Contractor pursuant to Special Contract Requirements Clause H.24 entitled, "Task Order Procedures," above, shall be reviewed by the Contractor to ensure that no OCI or potential OCI exists as a result of the Contractor performing the work.

c. In no event shall the Contractor commence performance of work under a task order if the Contractor has determined that an OCI or potential OCI exists pursuant to this Special Contracts Requirements Clause, Section H.08 clause, "Subcontracts," and Section H.09, "Services of Consultants," or any other provision of this contract. The Contractor shall immediately notify the Contracting Officer.

H.38 RESPONSIBILITY FOR PROFESSIONAL QUALITY, TECHNICAL ACCURACY AND COORDINATION OF DESIGNS, DRAWINGS, AND SPECIFICATIONS.

a. The Contractor shall be responsible for the professional quality, technical accuracy and the coordination of all designs, drawings, specifications, and other services furnished by the Contractor under this contract.

b. At any time during performance of this contract, the Government may require the Contractor to remedy by correction or replacement, as directed by the Contracting Officer, any failure by the contractor to comply with the requirements of this contract. Except as otherwise provided in paragraph (c), below, the allowability of the cost of any such replacement or correction shall be determined as provided in the clause of this contract entitled "Allowable Costs and Payment," but no additional fee shall be payable with respect thereto. If the Contractor fails to proceed with reasonable promptness to perform such replacement or correction, the Government (1) may by contract or otherwise perform such replacement or correction and charge to the Contractor any increased cost or may reduce any fee payable under the contract (or require repayment of any fee thereto fore paid) in such amount as may be equitable under the circumstances, or (2) may terminate this contract for default. Failure to agree to the amount of any such increased cost to be charged to the Contractor or to such reduction in, or repayment of, the fee, shall be deemed to be a dispute within the meaning of the clause of this contract entitled "Disputes."

c. Notwithstanding the provisions of paragraph (b), above, the Government may at any time require the Contractor to remedy by correction or replacement, without cost to the Government, any failure by the Contractor to comply with the requirements of this contract, if such failure is due to fraud, lack of good faith, or willful misconduct on the part of any of the Contractor's directors or officers, or on the part of any of

his managers, superintendents, or other equivalent representatives, who has supervision or direction of (1) all or substantially all of the Contractor's business, or (2) all or substantially all of the Contractor's operations location where this contact is being performed.

(d) Notwithstanding the provisions of paragraph (b) above, neither the Government's review, approval or acceptance of, nor payment for, any of the services required under this contract shall be construed to operate as a waiver of any rights under this contract or any cause of action arising out of the performance of this contract, and the Contractor shall be and remain liable to the Government in accordance with applicable law for all damages to the Government caused by the Contractor's negligent performance of any of the services furnished under this contract.

(e) The rights and remedies of the Government provided for under this contract are in addition to any other rights and remedies provided by law.

H.39 PERMITS, LICENSES, REGULATIONS AND ORDERS

Except as otherwise directed by the Contracting Officer, the Contractor shall procure all necessary permits or licenses and abide by all applicable laws, regulations, and ordinances of the United States and of the State, territory, and political subdivision in which the work under this contract is performed. Further, the Contractor shall comply with all DOE Orders determined by DOE to be applicable to this contract. Costs incurred as a result of compliance with applicable DOE Orders are allowable costs under the contract.

PART II - SECTION I

CONTRACT CLAUSES

TABLE OF CONTENTS

Section		Page
I.01	FAR 52.252-2 CLAUSES INCORPORATED BY REFERENCE (JUNE 1988)	1
I.02	FAR 52.252-4 ALTERATIONS IN CONTRACT (APR 1984)	7
I.03	FAR 52.217-9 OPTION TO EXTEND THE TERM OF THE CONTRACT (MAR 1989)	8
I.04	FAR 52.222-42 STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES (MAY 1989)	8
I.05	CLAUSE DOE PR 9-9.106 - CLASSIFIED INVENTIONS	9
I.06	CLAUSE DOE PR 9-9.110 - REPORTING OF ROYALTIES	9
I.07	DEAR 952.212-73 PROJECT CONTROL SYSTEM (JUL 1993)	10
I.08	DEAR 952.227-9 REFUND OF ROYALTIES (MAR 1995)	10
I.09	DEAR 952.227-11 PATENT RIGHTS - RETENTION BY CONTRACT (SHORT FORM)(MAR 1995)	11
I.10	DEAR 970.5204-58 WORKPLACE SUBSTANCE ABUSE PROGRAMS AT DOE SITES (AUG 1992)	17
I.11	DEAR 970.5204-59 WHISTLE BLOWER PROTECTION FOR CONTRACTOR EMPLOYEES (DEC 1992)	18

PART II - SECTION I

CONTRACT CLAUSES

I.01 FAR 52.252-2 CLAUSES INCORPORATED BY REFERENCE (JUNE 1988)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer shall make their full text available.

I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER I) CLAUSES

FAR NUMBER	CLAUSE TITLE	DATE OF CLAUSE
52.202-1*	Definitions	OCT 1995
52.203-3	Gratuities	APR 1984
52.203-5	Covenant Against Contingent Fees	APR 1984
52.203-6	Restrictions on Subcontractor Sales to the Government	JUL 1995
52.203-7	Anti-Kickback Procedures	JUL 1995
52.203-10	Price or Fee Adjustment for Illegal or Improper Activity	SEP 1990
52.203-12	Limitation on Payments to Influence Certain Federal Transactions	JAN 1990
52.203-13	Procurement Integrity - Service Contracting	SEP 1990
52.204-4	Printing/Copying Double-Sided on Recycled Paper	MAY 1995
52.208-1	Required Sources for Jewel Bearings and Related Items	APR 1984
52.209-6	Protecting the Government's Interest when Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment	JUL 1995
52.211-5	New Material	MAY 1995
52.211-7	Used or Reconditionedual Inventory, and Former Government Surplus Property	

FAR NUMBER	CLAUSE TITLE	DATE OF CLAUSE
52.215-1	Examination of Records by Comptroller General	FEB 1993
52.215-2	Audit and Records - Negotiation	OCT 1995
52.215-21	Changes or Additions to Make-or-Buy Program	APR 1984
52.215-22	Price Reduction for Defective Cost or Pricing Data	OCT 1995
52.215-24	Subcontractor Cost or Pricing Data	OCT 1995
52.215-26	Integrity of Unit Prices	OCT 1995
52.215-27	Termination of Defined Benefit Pension Plans	MAR 1996
52.215-30	Facilities Capital Cost of Money	SEP 1987
52.215-31**	Waiver of Facilities Capital Cost of Money	SEP 1987
52.215-33	Order of Precedence	JAN 1986
52.215-39	Reversion or Adjustments of Plans for Post-Retirement Benefits Other Than Pensions (PRB)	MAR 1996
52.215-40	Notification of Ownership Changes	FEB 1995
52.216-7*	Allowable Cost and Payment	JUL 1991
52.219-6	Notice of Total Small Business Set-Aside	APR 1984
52.219-8	Utilization of Small, Small Disadvantaged, and Women-Owned Small Business Concerns	OCT 1995
52.219-14	Limitations on Subcontracting	JAN 1991
52.222-1	Notice to the Government of Labor Disputes	APR 1984
52.222-2*	Payment for Overtime Premiums	JUL 1990
52.222-3	Convict Labor	APR 1984
52.222-4	Contract Work Hours and Safety Standard Act - Overtime Compensation	JUL 1995
52.222-6	Davis-Bacon Act	FEB 1995
52.222-7	Withholding of Funds	FEB 1988

FAR NUMBER	CLAUSE TITLE	DATE OF CLAUSE
52.222-8	Payrolls and Basic Records	FEB 1988
52.222-9	Apprentices and Trainees	FEB 1988
52.222-10	Compliance with Copeland Act Requirements	FEB 1988
52.222-11	Subcontracts (Labor Standards)	FEB 1988
52.222-12	Contract Termination--Debarment	FEB 1988
52.222-13	Compliance with Davis-Bacon and Related Act Regulations	FEB 1988
52.222-14	Disputes Concerning Labor Standards	FEB 1988
52.222-15	Certification of Eligibility	FEB 1988
52.222-16	Approval of Wage Rates	FEB 1988
52.222-26	Equal Opportunity	APR 1984
52.222-28	Equal Opportunity Preaward Clearance of Subcontracts	APR 1984
52.222-35	Affirmative Action for Special Disabled and Vietnam Era Veterans	APR 1984
52.222-36	Affirmative Action for Handicapped Workers	APR 1984
52.222-37	Employment Reports on Special Disabled Veterans and Veterans of the Vietnam Era	JAN 1988
52.222-41	Service Contract Act of 1965, as Amended	MAY 1989
52.222-47	Service Contract Act (SCA) Minimum Wages and Fringe Benefits	MAY 1989
52.223-2	Clean Air and Water	APR 1984
52.223-3	Hazardous Material Identification and Material Safety Data (NOV 1991) -Alternate I	NOV 1991
52.223-6	Drug-Free Workplace	JUL 1990
52.223-10	Waste Reduction Programs	MAY 1995
52.223-11	Ozone-Depleting Substances	MAY 1995

FAR NUMBER	CLAUSE TITLE	DATE OF CLAUSE
52.223-12	Refrigeration Equipment and Air Conditioners	MAY 1995
52.223-14	Toxic Chemical Release Reporting	OCT 1995
52.224-1	Privacy Act Notification	APR 1984
52.224-2	Privacy Act	APR 1984
52.225-3	Buy American Act--Supplies	JAN 1994
52.225-5	Buy American Act--Construction Materials	MAY 1992
52.225-11	Restrictions on Certain Foreign Purchases	MAY 1992
52.227-1	Authorization and Consent	APR 1984
52.227-2	Notice and Assistance Regarding Patent and Copyright Infringement	APR 1984
52.227-3	Patent Indemnity	APR 1984
52.227-14	Rights in Data- General -Alternate I (JUN 1987) -Alternate V (JUN 1987)	JUN 1987
52.227-16	Additional Data Requirements	JUN 1987
52.227-17	Rights in Data--Special Works	JUN 1987
52.227-23*	Rights to Proposal Data (Technical)	JUN 1987
52.228-7	Insurance - Liability to Third Persons	APR 1984
52.232-9	Limitation on Withholding of Payments	APR 1984
52.232-17	Interest	JAN 1991
52.232-22*	Limitation of Funds	APR 1984
52.232-23	Assignment of Claims	JAN 1986
52.232-25	Prompt Payment	MAR 1994
52.232-28	Electronic Funds Transfer Payment Methods	APR 1989
52.233-1	Disputes (OCT 1995) - Alternate I	DEC 1991

FAR NUMBER	CLAUSE TITLE	DATE OF CLAUSE
52.233-3	Protest After Award (OCT 1995) - Alternate I	JUN 1985
52.236-7	Permits and Responsibilities	NOV 1991
52.237-1	Site Visit	APR 1984
52.237-2	Protection of Government Buildings, Equipment, and Vegetation	APR 1984
52.237-3*	Continuity of Services	JAN 1991
52.242-1	Notice of Intent to Disallow Costs	APR 1984
52.242-3	Penalties for Unallowable Costs	OCT 1995
52.242-4	Certification of Indirect Costs	OCT 1995
52.242-12	Report of Shipment (REPSHIP)	DEC 1989
52.242-13	Bankruptcy	JUL 1995
52.243-2*	Changes - Cost Reimbursement - (APR 1984) - Alternate II	AUG 1987
52.243-6	Change Order Accounting	APR 1984
52.244-2	Subcontracts (Cost-Reimbursement and Letter Contracts)	MAR 1996
52.244-5	Competition in Subcontracting	APR 1984
52-244-6	Subcontracts for Commercial Items and Commercial Components	OCT 1995
52.245-5*	Government Property (Cost-Reimbursement, Time-and-Material, or Labor-Hour Contracts)	JAN 1986
52.245-19	Government Property Furnished "As Is"	APR 1984
52.246-5	Inspection of Services - Cost Reimbursement	APR 1984
52.246-25	Limitation of Liability - Services	APR 1984
52.247-1*	Commercial Bill of Lading Notations	APR 1984
52.247-63	Preference for U.S.-Flag Air Carriers	APR 1984
52.249-6	Termination (Cost Reimbursement)	MAY 1986

FAR NUMBER	CLAUSE TITLE	DATE OF CLAUSE
52.249-14	Excusable Delays	APR 1984
52.251-1	Government Supply Sources	APR 1984
52.251-2	Interagency Fleet Management System (IFMS) Vehicles and Related Services	JAN 1991
52.252-4	Alterations in Contract	APR 1984
52.252-6*	Authorized Deviation in Clauses	APR 1984
52.253-1	Computer-Generation of Forms by the Public	JAN 1991

II. DEPARTMENT OF ENERGY ACQUISITION REGULATION (48 CFR CHAPTER 9) CLAUSES

DEAR NUMBER	CLAUSE TITLE	DATE OF CLAUSE
952.204-2	Security	APR 1984
952.204-70	Classification	APR 1984
952.204-71	Sensitive Foreign Nations Control	APR 1984
952.204-74	Foreign Ownership, Control, or Influence Over Contractor	APR 1984
952.208-7	Tagging of Leased Vehicles	APR 1984
952.208-70	Printing	APR 1984
952.209-72	Organizational Conflicts of Interest - Special Clause	APR 1984
952.212-72	Uniform Reporting System	JUL 1994
952.217-70	Acquisition of Real Property	APR 1984
952-223-75	Preservation of Individual Occupational Radiation Exposure Records	APR 1984
952.224-70	Paperwork Reduction Act	APR 1984
952.227-78	Rights in Technical Data - Facility	APR 1984
952.247-70	Foreign Travel	APR 1984
952.251-70	Contractor Employee Travel Discounts	APR 1989

*Alterations to asterisked clauses are included in Section I.02.
**The appropriate clause will be incorporated in the contract document.

I.02 FAR 52.252-4 ALTERATIONS IN CONTRACT (APR 1984)

Portions of this contract are altered as follows:

FAR 52.202-1 "Definitions" is modified as follows (ref. DEAR 952.202-1):

Substitute the following for paragraph a.:

a. The term *"Head of Agency"* means the Secretary, Deputy Secretary, or Under Secretary of the Department of Energy and the Chairman, Federal Energy Regulatory Commission.

Add the following as paragraph d.:

d. The term *"DOE"* means the Department of Energy and *"FERC"* means the Federal Energy Regulatory Commission.

FAR 52.216-7 "Allowable Costs and Payments" (Reference DEAR 952.216-7 - Alternate II) is modified by adding the phrase "as supplemented by Subpart 931.2 of the Department of Energy Acquisition Regulations (DEAR)," after the acronym "(FAR)."

FAR 52.222-2 "Payments for Overtime Premiums" is modified by:

inserting in subparagraph a.: $ 0 .

FAR 52.232-22, "Limitation of Funds":

The words "base fee" should be submitted for the word "fee" where it appears in the clause.

FAR 52.227-23 "Rights to Proposal Data (Technical)":

Insert in the first blank the following page numbers:

None .

Insert in the second blank the following Contractor proposal date:

None .

FAR 52.237-3, "Continuity of Services" : The 60-day period in paragraph (b) is changed to 90 days.

FAR 52.243-2, "Changes - Cost Reimbursement (AUG 1987) - Alternate II":

The words "base fee and award fee" should be substituted for the term "fixed-fee" where it appears in the clause.

FAR 52.245-5 "Government Property (Cost-Reimbursement, Time-and-Material, or Labor-Hour Contracts)" is modified by adding "and the DOE Acquisition Regulation Subpart

945.5," after the reference to FAR Subpart 45.5 in paragraphs e.(1) and e.(2) of the clause.

FAR 52.247-1 "Commercial Bill of Lading Notations" - Insert the following in the blank in subparagraph a. and in the first blank in subparagraph B.: Department of Energy, Grand Junction Projects Office (GJPO). Insert the following in the second blank in subparagraph B.: Contract No. DE-AC13-95GJ87335. Insert the following in the third blank in subparagraph B.: Department of Energy, Grand Junction Projects Office, (GJPO), P.O. Box 2567, Grand Junction, CO 81502.

FAR 52.252-6, "Authorized Deviations in Clauses" is modified by adding "Department of Energy Acquisition Regulation (48 CFR Chapter 9) Clause" in paragraph (b).

I.03 FAR 52.217-9 OPTION TO EXTEND THE TERM OF THE CONTRACT (MAR 1989)

a. The Government may extend the term of this contract by written notice to the Contractor within 30 days; provided, that the Government shall give the Contractor a preliminary written notice of its intent to extend at least 30 days before the contract expires. The preliminary notice does not commit the Government to an extension.

b. If the Government exercises this option, the extended contract shall be considered to include this option provision.

c. The total duration of this contract, including the exercise of any options under this clause, shall not exceed five years, six months.

I.04 FAR 52.222-42 STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES (MAY 1989)

In compliance with the Service Contract Act of 1965, as amended, and the regulations of the Secretary of Labor (29 CFR Part 4), this clause identifies the classes of service employees expected to be employed under the contract and states the wages and fringe benefits payable to each if they were employed by the contracting agency subject to the provisions of 5 U.S.C. 5341 or 5332.

This Statement is for Information Only. It is not a Wage Determination.

Employee class	Monetary Wage--Fringe benefits

I.05 CLAUSE DOE PR 9-9.106 - CLASSIFIED INVENTIONS

a. The Contractor shall not file or cause to be filed on any invention or discovery conceived or first actually reduced to practice in the course of or under this contract in any country other than the United States, an application or registration for a patent without first obtaining written approval of the Contracting Officer.

b. When filing a patent application in the United States on any invention or discovery conceived of or first actually reduced to practice in the course of or under this contract, the subject matter of which is classified for reasons of security, the Contractor shall observe all applicable security regulations covering the transmission of classified subject matter. When transmitting the patent application to the United States Patent and Trademark Office, the Contractor shall by separate letter identify by agency and number, the contract or contracts which require security classification markings to be placed on the application.

c. The substance of this clause shall be included in subcontracts which cover or are likely to cover classified subject matter.

I.06 CLAUSE DOE PR 9-9.110 - REPORTING OF ROYALTIES (JUN 1979)

If this contract is in an amount which exceeds $25,000 and if any royalty payments are directly involved in the contract or are reflected in the contract price to the Government, the Contractor agrees to report in writing to the Patent Counsel (with notification by Patent Counsel to the Contracting Officer) during the performance of this contract and prior to its completion or final settlement, the amount of any royalties or other payments paid or to be paid by it directly to others in connection with the performance of this contract together with the names and addresses of licensors to whom such payments are made and either the patent numbers involved or such other information as shall permit the identification of the patents or other basis on which the royalties are to be paid. The approval of DOE of any individual payments or royalties shall not stop the Government at any time from contesting the enforceability, validity or scope of, or title to, any patent under which a royalty or payments are made.

I.07 DEAR 952.212-73 PROJECT CONTROL SYSTEM (JUL 1993)

a. In the performance of this contract, the Contractor shall establish, maintain, and use a project control system meeting the requirements specified in DOE Notice 4700.5, "Project Control System Guidelines"; Statement of Work; and any other system requirements defined by the Contracting Officer. The Contractor may use a preexisting project control system if such system is approved by the Contracting Officer.

b. The Contractor shall provide the Contracting Officer with a detailed written description of the proposed project control system for review and approval within 45 days after award of the contract. Cost effective application of controls shall be a critical factor in determining acceptability of the proposed system.

c. Upon system approval by the Contracting Officer, the Contractor shall fully implement the project control system. The Contractor shall not make any significant changes to the approved system without the prior written approval of the Contracting Officer. If a pre-existing project control system is not approved by the Contracting Officer, revisions necessary to assure compliance shall be made with no change to the estimated cost/fee, or price of the contract.

d. The Contractor shall provide the Contracting Officer or his authorized representative with access to all pertinent records, data, and plans for the purposes of initial approval, approval of proposed changes, and the operation of the project control system.

e. The Contractor shall set forth applicable project control system requirements in those subcontracts identified by the Contracting Officer. The Contractor shall incorporate, in the identified subcontracts, provisions for review and surveillance of the Subcontractor's systems. The review shall be conducted by the prime Contractor, unless the Government, Contractor, or Subcontractor requests Government review.

I.08 DEAR 952.227-9 REFUND OF ROYALTIES (MAR 1995)

a. The contract price includes certain amounts for royalties payable by the Contractor or subcontractors or both, which amounts have been reported to the Contracting Officer.

b. The term "royalties" as used in this clause refers to any costs or charges in the nature of royalties, license fees, patent or license amortization costs, or the like, for the use of or for rights in patents and patent applications in connection with performing this contract or any subcontract hereunder. The term also includes any costs or charges associated with the access to, use of, or other right pertaining to

data that is represented to be proprietary and is related to the performance of this contract or the copying of such data or data that is copyrighted.

c. The Contractor shall furnish to the Contracting Officer, before final payment under this contract, a statement of royalties paid or required to be paid in connection with performing this contract and subcontracts hereunder together with the reasons.

d. The Contractor will be compensated for royalties reported under paragraph c. of this clause, only to the extent that such royalties were included in the contract price and are determined by the Contracting Officer to be properly chargeable to the Government and allocable to the contract. To the extent that any royalties that are included in the contract price are not, in fact, paid by the Contractor or are determined by the Contracting Officer not to be properly chargeable to the Government and allocable to the contract, the contract price shall be reduced. Repayment or credit to the Government shall be made as the Contracting Officer directs. The approval by DOE of any individual payments or royalties shall not prevent the Government from contesting at any time the enforceability, validity, scope of, or title to, any patent or the proprietary nature of data pursuant to which a royalty or other payment is to be or has been made.

e. If, at any time within 3 years after final payment under this contract, the Contractor for any reason is relieved in whole or in part from the payment of the royalties included in the final contract price as adjusted pursuant to paragraph d. of this clause, the Contractor shall promptly notify the Contracting Officer of that fact and shall reimburse the Government in a corresponding amount.

f. The substance of this clause, including this paragraph f., shall be included in any subcontract in which the amount of royalties reported during negotiation of the subcontract exceeds $250.

I.09 DEAR 952.227-11 PATENT RIGHTS - RETENTION BY CONTRACT (SHORT FORM)(MAR 1995)

a. Definitions.-

(1) *"Invention"* means any invention or discovery which is or may be patentable or otherwise protectable under title 35 of the United States Code, or any novel variety of plant which is or may be protected under the Plant Variety Protection Act (7 U.S.C. 2321, et seq.).

(2) *"Made"* when used in relation to any invention means the conception of first actual reduction to practice of such invention.

(3) *"Nonprofit organization"* means a university or other institution of higher education or an organization of the type described in section 501(c)(3) of the Internal Revenue Code of 1954(26 U.S.C. 501(c)) and exempt from taxation under section 501(a) of the Internal Revenue Code (26 U.S.C. 501(a)) or any nonprofit scientific or educational organization qualified under a state nonprofit organization statute.

(4) *"Practical application"* means to manufacture, in the case of a composition or product; to practice, in the case of a process or method; or to operate, in the case of a machine or system; and, in each case, under such conditions as to establish that the invention is being utilized and that its benefits are, to the extent permitted by law or Government regulations, available to the public on reasonable terms.

(5) *"Small business firm"* means a small business concern as defined at section 2 of Public Law 85-536 (15 U.S.C. 632) and implementing regulations of the Administrator of the Small Business Administration. For the purpose of this clause, the size standards for small business concerns involved in Government procurement and subcontracting at 13 CFR 121.3-8 and 13 CFR 121.3-12, respectively, will be used.

(6) *"Subject invention"* means any invention of the contractor conceived or first actually reduced to practice in the performance of work under this contract, provided that in the case of a variety of plant, the date of determination (as defined in section 41(d) of the Plant Variety Protection Act, 7 U.S.C. 2401(d) must also occur during the period of contract performance.

(7) Agency licensing regulations and agency regulations concerning the licensing of Government-owned inventions means the Department of Energy patent licensing regulations at 10 CFR part 781.

b. *Allocation of principles rights.* The Contractor may retain the entire right, title, and interest throughout the world to each subject invention subject to the provisions of this clause and 35 U.S.C. 203. With respect to any subject invention in which the Contractor retains title, the Federal Government shall have a non-exclusive, nontransferable, irrevocable, paid-up license to practice or have practices for or on behalf of the United States the subject invention throughout the world.

c. *Invention disclosure, election of title, and filing of patent application by Contractor.*

(1) The Contractor will disclose, each subject invention to the Department of Energy (DOE) within 2 months after the inventor discloses it in writing to Contractor personnel responsible for patent matters. The disclosure to DOE shall be in the form of a written report and shall identify the contract under which the invention was made and the inventor(s). It shall be sufficiently complete in technical detail to convey a clear understanding to the extent known at the time of the disclosure, of the nature, purpose, operations, and the physical, chemical, biological or electrical characteristics of the invention. The disclosure shall also identify any publication, on sale or public use of the invention and whether a manuscript describing the invention has been submitted for publication and, if so, whether it has been accepted for publication at the time of disclosure. In addition, after disclosure to the DOE, the Contractor will promptly notify that agency of the acceptance of any manuscript describing the invention for publication or of any on sale or public use planned by the Contractor.

(2) The Contractor will elect in writing whether or not to retain title to any such invention by notifying DOE within 2 years of disclosure to DOE. However, in any case where publication, on sale or public use has initiated the 1-year statutory period wherein valid patent protection can still be obtained in the

United States, the period for election of title may be shortened by DOE to a date that is no more than 60 days prior to the end of the statutory period.

(3) The Contractor will file its initial patent application on a subject invention to which it elects to retain title within 1 year after election of title or, if earlier, prior to the end of any statutory period wherein valid patent protection can be obtained in the United States after a publication, on sale, or public use. The Contractor will file patent applications in additional countries or international patent offices within either 10 months of the corresponding initial patent application or 6 months from the date permission is granted by the Commissioner of Patents and Trademarks to file foreign patent applications where such filing has been prohibited by a Secrecy Order.

(4) Requests for extension of the time for disclosure, election, and filing under subparagraphs (c)(1), (2), and (3) of this clause may, at the discretion of the agency, be granted.

d. *Conditions when the Government may obtain title.* The Contractor will convey to the Federal agency, upon written request, title to any subject invention --

(1) If the Contractor fails to disclose or elect title to the subject invention within the times specified in paragraph (c) of this clause, or elects not to retain title; provided, that DOE may only request title within 60 days after learning of the failure of the Contractor to disclose or elect within the specified times.

(2) In those countries in which the Contractor fails to file patent applications within the times specified in paragraph (c) of this clause; provided, however, that if the Contractor has filed a patent application in a country after the times specified in paragraph (c) of this clause, but prior to its receipt of the written request of the Federal agency, the Contractor shall continue to retain title in that country.

(3) In any country in which the Contractor decides not to continue the prosecution of any application for, to pay the maintenance fees on, or defend in reexamination or opposition proceeding on, a patent on a subject invention.

e. Minimum rights to Contractor and protection of the Contractor right to file.

(1) The Contractor will retain a non-exclusive royalty-free license throughout the world in each subject invention to which the Government obtains title, except if the Contractor fails to disclose the invention within the times specified in paragraph (c) of this clause. The Contractor's license extends to its domestic subsidiary and affiliates, if any, within the corporate structure of which the Contractor is a party and includes the right to grant sub licenses of the same scope to the extent the Contractor was legally obligated to do so at the time the contractor was awarded. The license is transferable only with the approval of the Federal agency, except when transferred to the successor of that part of the Contractor's business to which the invention pertains.

(2) The Contractor's domestic license may be revoked or modified by DOE to the extent necessary to achieve expeditious practical application of subject invention pursuant to an application for an exclusive license submitted in accordance with applicable provision at 37 CFR part 404 and agency

licensing regulations. This license will not be revoked in that field of use of the geographical areas in which the Contractor has achieved practical application and continues to make the benefits of the invention reasonably accessible to the public. The license in any foreign country may be revoked or modified at the discretion of DOE to the extent the Contractor, its licensees, or the domestic subsidiaries or affiliates have failed to achieve practical application in that foreign country.

(3) Before revocation or modification of the license, DOE will furnish the contractor a written notice of its intention to revoke or modify the license, and the Contractor will be allowed 30 days (or such other time as may be authorized by DOE for good cause shown by the Contractor) after the notice to show cause why the license should not be revoked or modified. The Contractor has the right to appeal, in accordance with applicable regulations in 37 CFR part 404 and agency regulations concerning the licensing of Government-owned inventions, any decision concerning the revocation or modification of the license.

f. Contractor action to protect the Government's interest.

(1) The Contractor agrees to execute or to have executed and promptly deliver to DOE all instruments necessary to

(a) establish or confirm the rights the Government has throughout the world in those subject inventions to which the Contractor elects to retain title, and

(b) convey title to DOE when requested under paragraph d. of this clause and to enable the Government to obtain patent protection throughout the world in that subject invention.

(2) The Contractor agrees to require, by written agreement, its employees, other than clerical and nontechnical employees, to disclose promptly in writing to personnel identified as responsible for the administration of patent matters and in a format suggested by the Contractor each subject invention made under contract in order that the Contractor can comply with the disclosure provisions of paragraph (c) of this clause, and to execute all papers necessary to file patent applications on subject inventions and to establish the Government's rights in the subject inventions. This disclosure format should require, as a minimum, the information required by subparagraph (c)(1) of this clause. The Contractor shall instruct such employees, through employee agreements or other suitable educational programs, on the importance of reporting inventions in sufficient time to permit the filing of patent applications prior to U.S. or foreign statutory bars.

(3) The Contractor will notify DOE of any decision not to continue the prosecution of a patent application, pay maintenance fees, or defend in a reexamination or opposition proceeding on a patent, in any country, not less than 30 days before the expiration of the response period required by the relevant patent office.

(4) The Contractor agrees to include, within the specification of any United States patent application and any patent issuing thereon covering a subject invention, the following statement, "This invention was made with

Government support under (identify the contract) award by the United States Department of Energy. The Government has certain rights in the invention."

g. Subcontracts

(1) The Contractor will include this clause, suitably modified to identify the parties, in all subcontracts, regardless of tier, for experimental, developmental, or research work to be performed by a small business firm or domestic nonprofit organization. The subcontractor will retain all rights provided for the Contractor in this clause, and the Contractor will not, as part of the consideration for awarding the subcontract, obtain rights in the subcontractor's subject inventions.

(2) The Contractor shall include in all other subcontracts, regardless of tier, for experimental developmental, demonstration, or research work the patents rights clause at 952.227-13.

(3) In the case of subcontracts, at any tier, DOE, subcontractor, and the Contractor agree that the mutual obligations of the parties created by this clause constitute a contract between the subcontractor and DOE with respect to the matters covered by the clause; provided, however, that nothing in this paragraph is intended to confer any jurisdiction under the Contract Disputes Act in connection with proceedings under paragraph j. of this clause.

h. Reporting on utilization of subject inventions. The Contractor agrees to submit, on request, periodic reports no more frequently than annually on the utilization of a subject invention or on efforts at obtaining such utilization that are being made by the Contractor or its licensees or assignees. Such reports shall include information regarding the status of development, date of first commercial sale or use, gross royalties received by the Contractor, and such other data and information as DOE may reasonably specify. The Contractor also agrees to provide additional reports as may be requested by DOE in connection with any march-in proceeding undertaken by that agency in accordance with paragraph j. of this clause. As required by 35 U.S.C. 202(c)(5), DOE agrees it will not disclose such information to persons outside the Government without permission of the Contractor.

i. Preference for United States Industry. Notwithstanding any other provision of this clause, the Contractor agrees that neither it nor any assignee will grant to any person the exclusive right to use or sell any subject invention in the United States unless such person agrees that any product embodying the subject invention or produced through the use of the subject invention will be manufactured substantially in the United States. However, in individual cases, the requirement for such an agreement may be waived by DOE upon a showing by the Contractor or its assignee that reasonable but unsuccessful efforts have been made to grant licenses on similar terms to potential licensees that would be likely to manufacture substantially in the United States or that under the circumstances domestic manufacture is not commercially feasible.

j. March-in rights. The Contractor agrees that, with respect to any subject invention in which it has acquired title, DOE has the right in accordance with the procedures in 37 CFR 401.6 and any supplemental regulations of the agency to require the Contractor, an assignee or exclusive licensee of a subject invention to grant a nonexclusive, partially exclusive, or exclusive license in any field of use to a responsible applicant or applicants, upon terms that are reasonable under the

circumstances, and, if the Contractor, assignee, or exclusive licensee refuses such a request, DOE has the right to grant such a license itself if DOE determines that--

(1) Such action is necessary because the Contractor or assignee has not taken, or is not expected to take within a reasonable time, effective steps to achieve practical application of the subject invention in such field of use;

(2) Such action is necessary to alleviate health or safety needs which are not reasonably satisfied by the Contractor, assignee, or their licensees;

(3) Such action is necessary to meet requirements for public use specified by Federal regulations and such requirements are not reasonably satisfied by the Contractor, assignee, or licensees; or

(4) Such action is necessary because the agreement required by paragraph i. of this clause has not been obtained or waived or because a licensee of the exclusive right to use or sell any subject invention in the United States in breach of such agreement.

k. Special provisions for contracts with nonprofit organizations. If the Contractor is a nonprofit organization, it agrees that--

(1) Rights to a subject invention in the United States may not be assigned without the approval of the Federal agency, except where such assignment is made to an organization which has as one of its primary functions the management of inventions; provided, that such assignee will be subject to the same provisions as the Contractor;

(2) The Contractor will share royalties collected on a subject invention with the inventor, including Federal employee co-inventors (when DOE deems it appropriate) when the subject invention is assigned in accordance with 35 U.S.C. 202(e) and 37 CFR 401.10.

(3) The balance of any royalties or income earned by the Contractor with respect to subject inventions, after payment of expenses (including payments to inventory) incidental to the administration of subject inventions will be utilized for the support of scientific research or education; and

(4) It will make efforts that are reasonable under the circumstances to attract licensees of subject inventions that are small business firms, and that it will give a preference to a small business firm when licensing a subject invention if the Contractor determines that the small business firm has a plan or proposal for marketing the invention which, if executed, is equally as likely to bring the invention to practical application as any plans or proposals from applicants that are not small business firms; provided, that the Contractor is also satisfied that the small business firm has the capability and resources to carry out its plan or proposal. The decision whether to give a preference in any specific case will be at the discretion of the Contractor. However, the Contractor agrees that the Secretary of Commerce may review the Contractor's licensing program and decisions regarding small business applicants, and the Contractor will negotiate changes to its licensing policies, procedures, or practices with the Secretary of Commerce when the Secretary's review discloses that the Contractor could take reasonable steps to more effectively implement the requirements of this subparagraph k.(4).

l. Communications.

(1) The Contractor shall direct any notification, disclosure, or request to DOE provided for in this clause to the DOE patent counsel assisting the DOE contracting activity, with a copy of the communication to the Contracting Officer.

(2) Each exercise of discretion or decision provided for in this clause, except subparagraph k.(4), is reserved for the DOE Patent Counsel and is not a claim or dispute and is not subject to the Contract Disputes Act of 1978.

(3) Upon request of the DOE Patent Counsel or the Contracting Officer, the Contractor shall provide any or all of the following:

(a) A copy of the patent application, filing date, serial number and title, patent number, and issue date for any subject invention in any country in which the Contractor has applied for a patent;

(b) A report, not more often than annually, summarizing all subject inventions which were disclosed to DOE individually during the reporting period specified; or

(c) A report, prior to close-out of the contract, listing all subject inventions or stating that there were none.

I.10 DEAR 970.5204-58 WORKPLACE SUBSTANCE ABUSE PROGRAMS AT DOE SITES (AUG 1992)

a. Program implementation. The Contractor shall, consistent with 10 CFR part 707, Workplace Substance Abuse Programs at DOE Sites, incorporated herein by reference with full force and effect, develop, implement, and maintain a workplace substance abuse program.

b. Remedies. In addition to any other remedies available to the Government, the Contractor's failure to comply with the requirements of 10 CFR part 707 or to perform in a manner consistent with its approved program may render the Contractor subject to: the suspension of contract payments, or, where applicable, a reduction in award fee; termination for default; and suspension or debarment.

c. Subcontracts.

(1) The Contractor agrees to notify the Contracting Officer reasonably in advance of, but not later than 30 days prior to, the award of any subcontract the Contractor believes may be subject to the requirements of 10 CFR part 707.

(2) The DOE prime Contractor shall require all Subcontractors subject to the provisions of 10 CFR part 707 to agree to develop and implement a workplace substance abuse program that complies with the requirements of 10 CFR part

707; Workplace Substance Abuse Programs at DOE Sites as a condition for award of the subcontract. The DOE prime Contractor shall review and approve each Subcontractor's program, and shall periodically monitor Subcontractor's implementation of the program for effectiveness and compliance with 10 CFR part 707.

(3) The Contractor agrees to include, and require the inclusion of, the requirements of this clause in all subcontracts, at any tier, that are subject to the provisions of 10 CFR part 707.

I.11 DEAR 970.5204-59 WHISTLE BLOWER PROTECTION FOR CONTRACTOR EMPLOYEES (DEC 1992)

a. The Contractor shall comply with the requirements of the "DOE Contractor Employee Protection Program" at 10 CFR part 708 with respect to work performed on-site at a DOE-owned or -leased facility as provided for at 10 CFR part 708.

b. The Contractor shall insert or have inserted the substance of this clause, including this paragraph b., in subcontracts, at all tiers, with respect to work performed on-site at a DOE-owned or -leased facility, as provided for at 10 CFR part 708.

c. This modification does not increase the total cost of the contract.

d. No other changes shall be made to the terms and conditions of the contract.

SECTION J

LIST OF ATTACHMENTS

Attachment			Page
Attachment	A -	STATEMENT OF WORK WITH APPENDIX A	J - A - 1
Attachment	B -	REPORTING REQUIREMENTS CHECKLIST	J - B - 1
Attachment	C -	GOVERNMENT FURNISHED PROPERTY	J - C - 1
Attachment	D -	KEY/CRITICAL PERSONNEL AND QUALIFICATIONS	J - D - 1
Attachment	E -	PERFORMANCE-BASED FEE DETERMINATION PROCEDURE	J - E - 1
Attachment	F -	DOE FORM 4300.3, SEMIANNUAL PROPERTY SUMMARY REPORT	J - F - 1
Attachment	G -	BILLING INSTRUCTIONS	J - G - 1
Attachment	H -	APPLICABLE DOE ORDERS	J - H - 1
Attachment	I -	DIVERSITY PLAN	J - I - 1
Attachment	J -	U.S. DEPARTMENT OF LABOR WAGE DETERMINATION	J - J - 1
Attachment	K -	GUIDANCE FOR ES&H MANAGEMENT PLAN	J - K - 1

TECHNICAL ASSISTANCE AND REMEDIATION CONTRACTOR STATEMENT OF WORK

Section — Page

1.0 OBJECTIVE J-A-3

2.0 SCOPE J-A-3

3.0 BACKGROUND J-A-4

3.1 Uranium Mill Tailings Remedial Action (UMTRA) Project J-A-5
3.2 UMTRA Groundwater Program J-A-5
3.3 Monticello Remedial Action Project - Mill Site J-A-5
3.4 Monticello Remedial Action Project - Vicinity Properties J-A-6
3.5 Monticello Remedial Action Project - Groundwater and Surface Water J-A-6
3.6 Grand Junction Projects Office Remedial Action Project J-A-6
3.7 Uranium Leasing Management Program J-A-6
3.8 Long Term Surveillance and Maintenance Program J-A-7
3.9 Decontamination and Decommissioning Projects J-A-7
3.10 Core Repository for Continental Deep Drilling Program J-A-7
3.11 Work for Others Program J-A-7
3.12 Office of Technology Development (OTD) Projects J-A-7
3.13 Waste Management Program: J-A-8
3.14 Mixed Waste Treatment Program (MWTP): J-A-8
3.15 Oxnard J-A-8
3.16 Technical Support to Other DOE Offices and Facilities J-A-8
3.17 Landlord Program J-A-9

4.0 TECHNICAL MANAGEMENT J-A-9

4.1 Engineering J-A-9
4.1.1 Area of Interest Definition (Survey) J-A-9
4.1.2 Preparation of Work Plans J-A-9
4.1.3 Site Characterization J-A-10
4.1.4 Preliminary Design J-A-10
4.1.5 Final Design J-A-10
4.1.6 Development of Plans and Specifications J-A-10
4.1.7 Permits J-A-10
4.1.8 Constructability Review J-A-11
4.1.9 Preparation of Bid Documents J-A-11
4.1.10 Engineering Management J-A-11
4.1.11 Field Changes J-A-11

4.2 Remedial Action Management J-A-12
4.2.1 Change Orders J-A-12
4.2.2 Field Changes J-A-12
4.2.3 Remedial Action Inspection J-A-13
4.2.4 As-Built Drawings J-A-13

4.3 Other Functions J-A-13
4.3.1 Compliance Oversight J-A-13
4.3.1.1 Environmental, Safety, and Health Program J-A-13
4.3.1.2 Conduct of Operations J-A-14
4.3.1.3 Quality Assurance J-A-14
4.3.1.4 Independent Assessment J-A-14
4.3.1.5 Site Audits and Validations J-A-14
4.3.1.6 National Environmental Policy Act J-A-15
4.3.1.7 Occurrence Reporting J-A-15
4.3.2 Waste Management J-A-15
4.3.3 Technical Training J-A-15
4.3.4 Independent Review Support J-A-15
4.3.5 Utilization of GJPO Laboratories and Facilities J-A-16

4.4 Technical Support for Others J-A-17
4.4.1 Technology Development J-A-17
4.4.2 Research and Development J-A-17
4.4.3 Mixed Waste Treatment Program (MWTP) J-A-17

4.5 Long Term Surveillance Program J-A-18

4.6 Project Management And Control Systems J-A-18
4.6.1 Change Control J-A-19
4.6.2 Independent Cost Estimate (ICE) Reviews and Baseline Validations J-A-19
4.6.3 Integrated Project Management System J-A-19

5.0 BUSINESS MANAGEMENT J-A-20

5.1 Financial Management J-A-20
5.1.1 Budget J-A-20
5.1.2 Funds Management J-A-20
5.1.3 Accounting J-A-21

5.2 Other Functions J-A-21
5.2.1 Public Affairs/Community Relations J-A-21
5.2.2 Contracting J-A-22
5.2.3 Strategic Planning J-A-22
5.2.4 Records Management and Document Control J-A-22

6.0 REPORTING REQUIREMENTS J-A-22

7.0 GOVERNMENT FURNISHED PROPERTY J-A-23

Appendix J-A-24

1.0 OBJECTIVE

It is the objective of the U. S. Department of Energy (DOE) to acquire management, engineering, and scientific services to support the Grand Junction Projects Office (GJPO), a recognized pacesetter for the department in providing a full spectrum of environmental management and restoration, waste management, and project management activities.

2.0 SCOPE

The Technical Assistance and Remediation Contractor shall provide management, labor, materials, services, supervision and administration to accomplish complete environmental management and restoration services. These services include engineering, design, remedial action management, inspection, compliance oversight requirements and long-term surveillance for assigned GJPO projects. The Contractor may be tasked to provide these services for projects located at the GJPO or any other DOE facilities as assigned. The Contractor shall implement a project management and control system that ensures accountability for technical scope, cost, and schedule baselines and complies with applicable regulations. The Contractor shall coordinate services and integrate projects with the Facility Operations and Support Contractor to provide services required by the GJPO.

The Contractor shall accomplish the scope of work through a performance based management contract in support of the DOE and GJPO mission. Under the performance based management contract concept, criteria, measures, and incentives will be incorporated as an integral part of the management and project control system, defined further by task orders and evaluated by quantifiable performance criteria. The Contractor's primary responsibility is to provide efficient and effective service that achieves high quality results in a timely and cost effective manner in compliance with applicable federal, state and local laws and regulations and DOE orders, policies and procedures. The Contractor shall improve efficiency and effectiveness throughout the performance of the contract by implementation of innovative business practices and techniques, and implementation of cost effective environmental remediation technologies to reduce or avoid costs. The Contractor shall utilize the private sector where appropriate; such that the cost of the contract is minimized, while meeting applicable environmental, health and safety requirements in a responsible manner.

The Contractor shall be assigned task orders under this contract which will contain specific activities to be completed. Performance criteria and measures will be developed for these task order activities and will be used to track progress and in the determination of award fee.

Continuous interaction and the development of partnerships with DOE stakeholders is required for the successful completion of assigned remediation projects. The Contractor shall use innovative approaches and industry standards to establish an efficient, equitable subcontracting system and program to enhance the efficiency and minimize the cost of GJPO remedial action projects. The Contractor shall provide project formulation/planning, engineering, waste management and remedial action management support to GJPO projects that exemplify the highest standards of environmental, safety, and health concerns; sound economic practices; and quality equal to or exceeding industry standards. The Contractor shall have a strong and effective program that enhances safe and environmentally sound construction practices, minimizes the potential for fatalities and serious accidents, and strives for improvement by continuously reducing injuries and adverse health effects.

To accomplish the scope of work, the Contractor shall ensure that an emphasis is placed on best management practices; environment, safety, and health concerns; employee development and diversity; stakeholder involvement and customer satisfaction; and cost reduction during contract performance. The Contractor shall strive for excellence in the conduct of operations, implementation of quality assurance and quality control measures, maintenance of assigned facilities, protection of the environment, and the health and safety of workers and the general public.

The Contractor shall operate and manage its activities in a manner that shall meet all applicable federal, state, and local laws, regulations, standards, and all state agreements with the DOE that are applicable to the GJPO. The Contractor shall also comply with all applicable DOE and AL orders, directives, procedures applicable to the GJPO. The Contractor shall also comply with those DOE and AL orders applicable to cost reimbursement Contractors which may be implemented by written direction from the GJPO Project Manager or Contracting Officer, insofar as such orders do not conflict with the terms of this contract. Similarly, the Contractor shall further comply with all policies, plans, programs, and management directives which may be issued to the Contractor in writing by the GJPO Project Manager or Contracting Officer.

The DOE shall review and approve Contractor work products or activities as defined in task orders. Types of work products or activities to be approved by the DOE include plans, systems, reports, programs, and permits. Baseline and management and control systems will also be reviewed and approved by the DOE through Independent Cost Estimate Reviews, baseline validations, and other methods.

3.0 BACKGROUND

The Grand Junction Projects Office (GJPO) is located on a 56-acre site adjacent to the Gunnison River in western Colorado immediately south of the city of Grand Junction, Colorado. The GJPO's mission is to apply its project management, engineering, analytical, and scientific capabilities and facilities to provide a full spectrum of support to the DOE Office of Environmental Management (EM) in managing complex environmental restoration programs where prompt actions are required to address possible impacts to human health and the environment. The GJPO provides the DOE a center of excellence in support of environmental restoration in the areas of site characterization, project management, project integration and coordination, remedial design, remedial action, research and development, independent verification, decontamination and decommissioning (D&D), and laboratory sampling and analysis. Specialized facilities include the Analytical Laboratory, Environmental Sciences Laboratory, Petrology Laboratory, Electronics Laboratory/Instrument Calibration Facilities, Sample Preparation Laboratory, and the Radon Laboratory.

Specific fiscal and programmatic direction shall be provided to the Contractor through the issuance of task orders, work authorization orders or written technical direction by the Contracting Officer or designee. The following project descriptions provide an overview of projects and programs that have been assigned to the GJPO in the past. Some of these projects, as well as other similar projects, are expected to be included in the contract by issuance of task orders, with the exception of the landlord program which will be a Facility Operations and Support Contractor responsibility.

3.1 Uranium Mill Tailings Remedial Action (UMTRA) Project

In 1978, Congress passed the Uranium Mill Tailings Radiation Control Act (UMTRCA), Public Law 95-604, which required the DOE to establish a program of assessment and remedial action at 24 inactive uranium mill sites and properties which are in the vicinity of the mill sites (referred to as vicinity properties) which were contaminated with residual radioactive materials (RRM) derived from the mill sites. The purpose of the UMTRA project is to stabilize, dispose, and control such residual radioactive materials so that the radiological and non-radiological hazards do not exceed the standards established by the U. S. Environmental Protection Agency (EPA) for the protection of the public health, safety, and the environment.

The Grand Junction Projects Office is responsible for on-going vicinity property activities, including the cleanup of commingled wastes, and the long term surveillance of completed UMTRA (Title I and Title II sites as defined under UMTRCA) disposal cells, and for remedial action activities at vicinity properties located in Mesa County, Colorado. In addition, the GJPO is responsible for the operation of the Cheney disposal cell located south of Grand Junction. The Cheney cell will be used for the disposal of mill tailings identified after the UMTRA vicinity property work has been completed.

3.2 UMTRA Groundwater Program

On January 12, 1995, the new Standards for Remedial Actions at Inactive Uranium Processing Sites (40 Code of Federal Regulations 192) were promulgated in final form in the Federal Register. These new groundwater protection standards establish requirements for the control of contaminants from the residual radioactive materials into the groundwater at disposal sites, for the cleanup (restoration) of groundwater at mill sites and vicinity property sites, and for the application of supplemental standards, where appropriate. Compliance with the groundwater standards shall be required at all mill sites in the UMTRA Program. DOE shall also identify vicinity property sites, if any, which require groundwater restoration. The program shall include any required or mandated long term monitoring requirements.

3.3 Monticello Remedial Action Project - Mill Site

The Monticello mill site is a 78-acre tract located along Montezuma Creek on the south side of the city of Monticello, San Juan County, Utah. Tailings and other process-related contaminated material were generated as a result of milling activities at the site between 1942 and 1960. The mill site shall be remediated to regulatorily approved cleanup levels. Approximately 2.6 million cubic yards of tailings shall be disposed of in a repository to be constructed on DOE land adjacent to the mill site. Any other hazardous substance releases posing a threat to human health and the environment shall also be remediated.

The Monticello Mill Tailings Site is listed on the National Priorities List (NPL), and activities must comply with the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA). The Environmental Protection Agency (EPA), DOE, and the State of Utah entered into a Federal Facility Agreement (FFA) in December 1988 to complete remedial action at Monticello. The Monticello Mill Tailings Site engineering activities are continuing, and remedial action activities for the disposal site are scheduled to be initiated in Fiscal Year 1996.

3.4 Monticello Remedial Action Project - Vicinity Properties

Throughout the operating period, mill tailings from the Monticello mill site were used in the city of Monticello for construction purposes. These tailings were used as fill for open lands; backfill around water, sewer, and electrical lines; sub-base for driveways, sidewalks, and concrete slabs; backfill against basement foundations; and as sand mix in concrete, plaster, and mortar. Contamination of these properties is assessed and remedial design and action activities performed. In addition to radiological contamination, releases of other hazardous substances that pose unacceptable risks shall be remediated. Peripheral properties to the mill site contain windblown contamination and potentially contaminated sediments. These properties shall also require remediation.

The Monticello vicinity properties are also listed on the EPA NPL (as Monticello Radioactively Contaminated Properties), and activities must meet CERCLA requirements. The EPA, DOE, and the State of Utah entered into a FFA in December 1988 to complete remedial action on these Monticello vicinity property sites. Peripheral properties to the mill site contain windblown contamination and potentially contaminated sediments. These properties shall also require remediation.

3.5 Monticello Remedial Action Project - Groundwater and Surface Water

The DOE has identified a plume of contamination in the shallow alluvial groundwater regime underlying the mill site. After the primary source of contamination (the mill tailings) has been removed and stabilized, the DOE shall conduct additional studies on the groundwater. All activities must comply with the CERCLA and the FFA signed in December 1988 between the EPA, DOE, and the State of Utah. The DOE is currently conducting a Remedial Investigation/Feasibility Study on groundwater, surface water and sediments that may have been affected by releases from the mill site.

3.6 Grand Junction Projects Office Remedial Action Project

Uranium concentrates were purchased and processed at GJPO through 1975. A research and development pilot plant was operated at the compound during the early 1950's. As a result of milling operations, the site became radiologically contaminated. In 1990, the DOE published a Record of Decision (ROD) for the Grand Junction Projects Office Remedial Action Project (GJPORAP) to initiate the project for the elimination of all identified contamination.

The GJPO has completed remedial action of radiologically contaminated soils. Minor amounts of contamination remain in ten buildings located on the GJPO site as well as minor amounts of contaminated soils situated under existing structures. The remediation of the remaining material is currently being evaluated. The GJPO has implemented natural flushing of the aquifer as the means of groundwater remedial action.

3.7 Uranium Leasing Management Program

The Atomic Energy Act of 1954 (and other legislative actions) authorized the DOE to withdraw lands from public use and set those lands aside for domestic uranium production. Initially 43 tracts of land (approximately 25,000 acres) in Colorado, Utah, and New Mexico were withdrawn for the Uranium Leasing Management Program. There are currently no mining or uranium production activities on these lease tracts, with activities limited to maintenance and exploration. In 1994, all existing leases were allowed to expire

to allow DOE the opportunity to prepare an Environmental Assessment for this program. In 1995, DOE may initiate negotiations with the original leaseholders for new leases which could result in possible production of uranium and vanadium. It is estimated that between 20 to 25 leases may be renegotiated, and environmental restoration may be required to restore the remaining lease tracts to meet federal environmental regulations.

3.8 Long Term Surveillance and Maintenance Program

DOE is responsible for monitoring and maintenance of sites which have been remediated by various DOE programs or private industry. GJPO is responsible for inspections and corrective actions to assure each site remains in compliance with regulatory requirements.

3.9 Decontamination and Decommissioning Projects

The GJPO has been tasked to manage various DOE D&D projects to eliminate the potential hazard to workers and the public from exposure to radioactive and other hazardous materials from nuclear research and development activities. The work includes site characterization, engineering design; remedial action; D&D operations; remedial action management; waste management; waste/sample storage, transportation, and disposal; and project management activities to assure regulatory requirements are met.

3.10 Core Repository for Continental Deep Drilling Program

The GJPO is responsible for maintaining a core and sample repository program for the archiving and study of drill hole cores obtained by the Continental Deep Drilling Program. These cores are of scientific interest to national agencies, state geoscience agencies, academia, and private industries. DOE's Core and Sample Repository is housed in a specially equipped 7,200 square foot core storage and analysis building at the GJPO facility.

3.11 Work for Others Program

The GJPO performs research and development activities for organizations outside the DOE, including both private sector companies and other Government agencies. The primary purpose of the Work for Others (WFO) program is to make available the unique GJPO technologies, expertise, and facilities to benefit programs of national significance.

3.12 Office of Technology Development (OTD) Projects

The OTD's mission is to identify and provide development support for: (1) technologies that show promise to address specific EM needs, but require proof-of-principle experimentation, and (2) already proven technologies in other fields that require experimentation to demonstrate feasibility for adaptation to specific EM needs.

The GJPO has been tasked by EM to provide support to the OTD with the formulation and management of programs for environmental restoration and waste operations. The current programs/projects include: (1) technology demonstrations, such as, characterization, containment, separation, remediation, and treatment technologies at DOE and other federal and non-federal sites; (2) environmental education and development; (3) technology integration; (4) technology transfer to the private sector, DOE and international technology programs; (5) other such programs/projects within the scope of the mission assigned to the

OTD and the GJPO and; (6) Implementation of innovative and cost-effective environmental technologies in the conduct of remediation activities.

3.13 Waste Management Program:

The Waste Management Program ensures the environmentally safe management and disposal of radioactive and hazardous wastes. The Waste Management Program involves life cycle management of GJPO, other selected non-GJPO, and off-site environmental remediation waste streams from generation, to treatment, storage, and disposal. The GJPO Waste Management Program includes the on-site waste management and waste minimization programs.

The Contractor shall provide waste management and waste minimization services for other DOE and federal agency sites as required. Regulatory drivers such as the Resource Conservation and Recovery Act (RCRA) requirements; Federal Facilities Compliance Act (FFCA); and treatment, storage, disposal, and transportation requirements are applicable to waste management programs conducted by GJPO.

3.14 Mixed Waste Treatment Program (MWTP):

The MWTP supports several DOE Albuquerque Operations Office (AL) sites. Activities of the MWTP include overall program management, development and deployment of mixed waste mobile treatment technologies, conduct of treatability studies, field sorting, surveying, and surface decontamination of potential mixed waste, and technical support with evaluation of waste streams and technologies.

3.15 Oxnard

The GJPO provides environmental restoration support for the DOE facility at Oxnard, California. Phase I and Phase II Environmental Assessments are being prepared and shall identify a course of action for the remediation of the facility. Activities such as the preparation of the Project Management Plan, Quality Assurance Plan, Health and Safety Plan, and the Waste Management Plan shall be performed. In addition, the corrective measures design shall be developed, voluntary corrective measures shall be performed, and the groundwater shall be characterized and treated, if necessary.

3.16 Technical Support to Other DOE Offices and Facilities

The GJPO provides technical assistance to other DOE offices and DOE facilities in the areas of environmental restoration; waste management; D&D; and geoscience as directed and authorized by the DOE.

The GJPO currently provides technical and programmatic support to the Los Alamos National Laboratory in the areas of environmental restoration, waste management, and D&D. In addition, the GJPO provides waste management support to the Sandia National Laboratories. Activities include project planning and control, baseline management, review of plans, and cost estimating. Field work activities include removing over 4,000 point sources, surveying the remaining soil, removing contaminated soil, sampling and analyzing soil, collecting industrial hygiene samples, and preparing raw data summary folios.

3.17 Landlord Program

The Landlord program includes facility operation activities at the site required to support the programs managed by the GJPO. These activities include site engineering and construction; facility maintenance, utilities, and infrastructure; space planning and allocation; telecommunications, network and computer support; property management; security; medical; and other site-wide services which commonly support the on-site activities of the GJPO facility.

4.0 TECHNICAL MANAGEMENT

The Contractor shall perform the following technical requirements under this contract. Specific activities shall be defined and negotiated in the various task orders that will be generated under this contract, including the Monticello Remedial Action Project.

4.1 Engineering

The Contractor shall provide engineering for projects in support of the GJPO throughout all field investigation, design, and remedial action phases of a variety of environmental restoration, waste management, and D&D projects assigned by the DOE. The Contractor shall employ innovative, results oriented approaches to engineering activities, such as cost effective waste minimization techniques, the DOE Streamlined Approach For Environmental Restoration (SAFER), and implement expedited actions such as removal actions where appropriate. In addition, the Contractor shall ensure engineering designs comply with regulatory requirements.

4.1.1 Area of Interest Definition (Survey)

The Contractor shall prepare a physical land survey to establish the legal boundaries of each assigned site; and prepare drawings that document all appurtenances and improvements (such as buildings, sidewalks, landscaping, fences, etc.), utility lines or easements, and physical characteristics of the site. This information shall be used to document the site characterization and sampling activities that will be performed to locate and characterize the nature and extent of contamination.

4.1.2 Preparation of Work Plans

The Contractor shall prepare a work plan for each assigned site. The work plan shall document how the site will be characterized (types of media to be sampled, contaminants suspected and tested for, data quality objectives (DQO) (data quality objectives are qualitative and quantitative objectives specifying the quality of data necessary for the intended use of data. The DQO process is an important tool for integrating characterization plans, remedial design activities, and remedial action and ensuring the right types, quantity, and quality of data is collected to make and support remediation decisions.). The work plans shall also include: health and safety issues, quality assurance concerns, Investigation Derived Waste (IDW) management, appropriate regulatory requirements, and how the characterization data will be utilized during the design phase of the project.

4.1.3 Site Characterization

The Contractor shall characterize each assigned site on the basis of the type and nature of the contamination. Characterization shall follow the activities described in the work plan. The Contractor shall utilize a combination of field observations, in-situ measurements, and laboratory analyses to document the nature and extent of contamination. Characterization can produce IDW. The Contractor shall be responsible for managing this waste.

4.1.4 Preliminary Design

The Contractor shall prepare preliminary engineering design drawings and materials that incorporate the results of the field activities which characterize the nature and extent of the contamination, show the location of the contaminants, describe the method of treatment or removal, describe how any waste generated will be handled, and recommend how the property is to be restored after remedial action activities have been completed. The preliminary design should also contain an estimate of the quantity of materials to be removed, a preliminary estimate of the cost, and a preliminary schedule of the activities required for remedial action to be completed. Designs must be of sufficient quality to be shared with regulators, stakeholders and others interested in DOE activities.

The types of documents to be produced include:

- RI/FS (Remedial Investigation/Feasibility Study) for CERCLA sites,
- RAP (Remedial Action Plans) for UMTRA sites,
- RAA (Remedial Action Agreements) for Vicinity Properties under UMTRA,
- RFI/CMS (RCRA Facility Investigation/Corrective Measures Study) for RCRA sites,
- Voluntary Corrective Actions, Interim Actions, and other expedited remediation efforts.

4.1.5 Final Design

The Contractor shall prepare a final design package which will meet the regulatory and DOE requirements for the specific project. The final design package includes; contaminant data, the proposed remedial action, engineering design drawings showing the scope of remedial action, cost estimates and schedules for the design and remedial action, construction specifications, design analysis, waste management and contaminated material disposal plans, restoration plans, and any surveillance and maintenance requirements.

4.1.6 Development of Plans and Specifications

The Contractor shall prepare the appropriate remedial action plans and specifications. The Contractor shall assemble all engineering design drawings and standard remedial action specifications, permits, ES&H plans and other documents required to complete all remedial action activities on the assigned site.

4.1.7 Permits

The Contractor shall obtain all necessary permits in a timely manner so design or remedial action activities are not delayed pending permit approval and issuance. This area of responsibility includes completing permit applications, working with the permit issuing organization, interfacing with the appropriate regulators and

stakeholders, answering questions or requests for information during the permit evaluation process, advising the DOE of any problems, and ensuring the permits are kept current. The Contractor shall provide adequate monitoring, analysis, and reporting to ensure compliance with the terms and conditions of the applicable permits.

4.1.8 Constructability Review

Upon approval of the design by the DOE, the Contractor shall perform a constructability review prior to beginning the remedial action solicitation process. The DOE shall define the scope of this review for each project. This review shall include an analysis of whether the remedial action activities can be reasonably accomplished and should include the implementation of construction economies and efficiencies such as the identification of long lead material, equipment, and labor requirements.

4.1.9 Preparation of Bid Documents

The Contractor shall assemble the remedial action drawings and specifications into a bid package. Where smaller tasks could be better and more efficiently accomplished if combined, the Contractor shall develop bid packages that include more than one remediation activity. The Contractor shall competitively solicit for any required remedial action or construction activities.

4.1.10 Engineering Management

The Contractor shall manage and execute assigned engineering activities. The Contractor shall be the primary point of contact for the DOE and all customer-related inquiries for information concerning engineering functions. The Contractor shall maintain cost and schedule performance and produce engineering development, design, and remedial action changes. The Contractor shall implement and maintain an engineering management program that assures environmental compliance, safety, health, security, and other concerns are an integral part of assigned engineering activities.

4.1.11 Field Changes

In the event field changes are required, the Contractor shall perform required engineering activities. The Contractor shall ensure that other areas of the design are not affected by the change or develop appropriate mitigative actions if other areas of the design are affected. If field changes result in changes to the quality assurance, health and safety, or waste management plans or other plans, procedures, or design changes that require DOE approval, the Contractor shall revise the appropriate documents and submit them for review and approval prior to implementing the field changes. All field changes shall be prepared in accordance with existing Quality Assurance Plans, Health and Safety Plans, and any other applicable project documentation and requirements. These changes shall ultimately be incorporated into final as-built drawings and specifications. The contractor shall be responsible for the development and maintenance of as-built drawings.

4.2 Remedial Action Management

The Contractor shall provide remedial action management and subcontracting capabilities for assigned environmental remediation and other assigned environmental related construction projects, including the Monticello Remedial Action Project. The Contractor shall have the responsibility for complete activities from design through remedial action and shall oversee the day-to-day operations of its remedial action subcontractors, including the development and implementation of any necessary change orders. At the completion of the remediation activity the Contractor shall demonstrate that the remediation meets all engineering and regulatory requirements. As-built drawings shall be prepared and furnished to the DOE. The Contractor shall have a strong and effective program that enhances safe and environmentally sound construction practices, minimizes the potential for fatalities and serious accidents, and strives for improvement by continuously reducing injuries and adverse health effects. The Contractor shall properly manage any waste generated as a result of remediation activities.

The Contractor shall serve as the overall remedial action manager with the responsibility to subcontract specific remedial action activities. In the performance of this contract, the Contractor shall, to the maximum extent possible, accomplish any required remedial action tasks through the utilization of competitively awarded subcontracts. Any variance from this method will require the advance written approval of the Contracting Officer. It shall be the responsibility of the Contractor to provide clear convincing evidence of the need for a variance from the preferred method set forth above.

The Contractor shall maintain a full-time supervisory staff with the authority to: act for the Contractor at each remedial action site, or group of sites; to coordinate and provide direction for the work; and to measure and manage the progress of the Contractor and subcontractor personnel. The Contractor shall continuously monitor the work for cost and schedule performance and resolve any disputes in a timely manner. The Contractor shall provide site specific environmental, safety, and health oversight, project management, change control, excavation control and monitoring, and any other mandated and necessary requirements or actions. At the completion of the remedial action, the Contractor shall develop the appropriate completion reports, as-built drawings and specifications, and any other documentation necessary to satisfy applicable regulatory and DOE requirements. The Contractor shall also provide any necessary remedial action monitoring required to demonstrate the post-closure performance of the remedial action alternative employed in accordance with applicable regulatory agreements.

4.2.1 Change Orders

The Contractor shall develop, implement, and maintain a change order system to cost effectively develop, manage and implement changes to remedial action projects. Changes must be within the contract scope of work. The Contractor shall comply with the Project Baseline Change Control System requirements in the processing of all changes.

4.2.2 Field Changes

The Contractor shall determine the need for any field changes and work with the remedial action subcontractor and the DOE to minimize costs and delays as a result of these changes. Field changes shall be performed in accordance with all necessary contract modifications and change orders. Specific guidance for engineering related to field changes is provided in Section 4.1.11.

4.2.3 Remedial Action Inspection

The Contractor shall be responsible for providing remedial action inspection, including radiological and hazardous substances monitoring for work performed by the subcontractors. Procedures and requirements specified in the Remedial Action Inspection Plans, Quality Assurance Project Plans or similar documents shall be followed in the performance of these functions. The Contractor shall conduct, coordinate, and document all remedial action progress and final completion inspections. The Contractor shall inspect the execution of all remedial action and other construction including workmanship, materials, and equipment to assure compliance with the contract plans and specifications; the Health Physics Monitoring Plan; the Quality Assurance Project Plan; the Health and Safety Management Program; regulatory standards; and any other applicable documents or requirements.

The Contractor shall furnish or provide field laboratory tests of construction workmanship, materials, and equipment as specified in the project documentation and requirements. The Contractor shall also furnish governing lines and benchmarks to provide horizontal and vertical controls for the project. In addition, the Contractor shall review and approve all subcontractor's descriptive submittals and vendors' shop drawings to assure conformity with the approved design, engineering design drawings, and specifications.

At the completion of the remediation or construction project, the Contractor shall assist the DOE in conducting a post-remedial action/construction evaluation to determine the effectiveness of the project and identify opportunities for improvement in future projects.

4.2.4 As-Built Drawings

The Contractor shall be responsible to provide updated as-built drawings which accurately reflect conditions at the completion of the remedial action project. The as-built drawings shall document the differences between the original plans and the actual completed remedial action project. The Contractor shall also prepare completion reports or other documents necessary to meet regulatory agreements and requirements.

4.3 Other Functions

4.3.1 Compliance Oversight

4.3.1.1 Environmental, Safety, and Health Program

The Contractor shall provide the appropriate level of environmental protection, occupational safety, hazardous waste operations, industrial safety, industrial hygiene, construction safety, fire protection, radiological protection and criticality safety for overall project activities to assure protection of the environment, the health and safety of the public, and all employees of the DOE and DOE Contractors. All procedures and plans shall be reviewed to assess the appropriate level of personnel protection during the performance of the work.

The Contractor shall prepare program plans, monitoring and audit reports, corrective action plans, and status reports. The Contractor shall respond to all requests concerning compliance information. The Contractor shall compile statistics on accidents, injuries and illnesses, and prepare reports as required.

The Contractor shall also provide environmental, safety and health support to other Contractor and subcontractor organizations as requested by DOE. The Contractor shall receive input from all other Contractor and subcontractor organizations and integrate this information to provide consolidated environmental, safety and health reporting for the GJPO.

4.3.1.2 Conduct of Operations

The Contractor shall develop, implement, and maintain a Conduct of Operations program. Conduct of Operations is a management philosophy of best management practices for doing things right the first time in a safe and environmentally acceptable manner, through discipline, professionalism and teamwork.

4.3.1.3 Quality Assurance

The Contractor shall develop, implement, and maintain a quality assurance program. The Contractor shall monitor all aspects of the program through audits, management assessments, self-assessments, trending, program review and other performance measures and methods, to ensure that the intended environmental, safety, health and administrative/support requirements and best management practices, results, and objectives are obtained. The Contractor shall update the quality assurance program to incorporate changes in requirements and also provide surveillance of its own subcontractors.

4.3.1.4 Independent Assessment

The Contractor shall develop, implement, and maintain an independent assessment function to accomplish internal auditing of assigned functions and emphasize the achievement of quality performance and productivity improvements. The Contractor shall monitor work performance, identify problems or weak areas of performance, identify opportunities for improvement, and report the results to a level of contractor management having the authority to implement corrective actions or improvements.

4.3.1.5 Site Audits and Validations

The Contractor shall develop, implement and maintain an independent oversight function which shall review assigned operations, and conduct periodic audits, oversight and surveillance on projects, programs, or functions as directed by DOE to assure that DOE Orders, policies, or guidance are being implemented and followed. Contractor organizational elements shall be tasked to assist and participate in DOE audits or surveillances.

The Contractor shall develop, implement, and maintain an independent validation function which shall review budget estimates, cost estimates, or other cost proposals as directed by DOE to assure reasonableness and

consistency of information. The Contractor shall assure that the planning procedures, technical scope, cost estimate and schedule baseline development shall result in the funding requested being adequate for the work to be accomplished. The Contractor's independent validation group shall work closely with the appropriate DOE project manager, budget analyst, project control officer, and cost estimator to assure that all applicable DOE Orders, guidance, and policies are being properly implemented.

4.3.1.6 National Environmental Policy Act

The National Environmental Policy Act (NEPA), requires that all federal agencies consider environmental impacts of their activities. The Contractor shall develop, implement, and maintain an appropriate NEPA program to address requirements related to assigned projects.

4.3.1.7 Occurrence Reporting

The Contractor shall develop, implement, and maintain a reportable occurrence system for all events which could affect the health and safety of the public, seriously impact the intended purpose of DOE facilities, have a noticeable adverse effect on the environment, or endanger the health and safety of workers. The Contractor shall take appropriate actions to investigate, evaluate, and report on incidents and unsatisfactory conditions related to its work activities. The Contractor shall take appropriate actions to correct any unsatisfactory conditions which led to the occurrence.

4.3.2 Waste Management

The Contractor shall manage any and all hazardous, low-level radioactive, mixed, toxic, or other wastes generated from its activities including site characterization or remedial action. The Contractor shall provide the proper classification, management, transportation, and disposal of these wastes in accordance with applicable regulations.

4.3.3 Technical Training

The Contractor shall provide technical training including certain site-wide training to the DOE and other DOE Contractor personnel. Site-wide training areas may include environment, safety, and health; project management; regulatory; and other types of technical training. The Contractor shall also utilize the Facility Operations and Support Contractor's training courses for required training in areas such as conduct of operations, security, computers, diversity, and sexual harassment.

4.3.4 Independent Review Support

The DOE shall task the Facility Operations and Support Contractor, on an as requested basis, to provide independent review capability for Technical Assistance and Remediation Contractor activities and products. These independent reviews shall be performed to ensure the DOE is receiving the best value from both a cost and technical perspective. The Contractor shall support the Facility Operations and Support Contractor in the performance of these reviews by providing all required information, providing necessary clarifications, and responding to questions.

4.3.5 Utilization of GJPO Laboratories and Facilities

The GJPO maintains six laboratories which will be operated by the Facility Operations and Support Contractor. The laboratories perform work for GJPO projects and for other DOE and non-DOE organizations on an as-needed basis. The Contractor shall utilize the GJPO laboratories to the maximum extent possible for all sample analysis and other laboratory needs.

The GJPO laboratories have the following capabilities:

4.3.5.1 Analytical Laboratory

The Analytical Chemistry Laboratory provides low-level (<10 nCi/g) radioanalytical chemistry analyses; complete inorganic and volatile, semivolatile organic, and PCB/pesticide analyses; environmental analyses of air, water, brines, sludges, and soils; and the preparation of quality control samples and reference materials.

4.3.5.2 Environmental Sciences Laboratory

The Environmental Sciences Laboratory provides capabilities for chemical barrier research, hydrogeochemical modeling, model validation studies, and geochronology.

4.3.5.3 Petrology Laboratory

The Petrology Laboratory provides petrographic and mineralogical analyses; identification and paragenesis (order of formation) of all rock types; mineral identification; size analysis of sedimentary rocks and unconsolidated sediments; mineral separations; and quantitative analyses of airborne asbestos and silica.

The laboratory also provides for the maintenance of a core and sample repository program for the archival and study of drill hole cores obtained from the Continental Deep Drilling Program. The repository maintains storage for approximately 50,000 linear feet of two inch core and provides curatorial services to prepare and distribute scientific samples to universities and laboratories nationwide. The laboratory also advises other scientific drilling projects.

4.3.5.4 Sample Preparation Laboratory

The Sample Preparation Laboratory provides for the preparation of quality control and reference solid samples containing various levels of uranium and thorium decay series nuclides; the preparation of homogeneous samples for the identification of soil matrices containing various levels of uranium and thorium decay products; and the preparation of sample reference materials for down-hole logging and surface characterization instruments. The laboratory contains crushing, grinding, blending, and drying equipment for preparing soils. Homogeneous batches of up to 200 pounds can be prepared.

4.3.5.5 Electronics Laboratory/Instrument Calibration Facilities

The Electronics Laboratory provides capabilities for calibrating, repairing, and maintaining instruments used for field assessments and characterization; and designing and fabricating instruments. The laboratory also maintains and completes minor repairs on Government owned computers at the GJPO.

4.3.5.6 Radon Laboratory

The Radon Laboratory performs research on the fundamental properties and behavior of radon, thoron (thorium), and their daughters; develops specialized radiological characterization tools and methods; calibrates, standardizes, and evaluates radon/radon daughter measurements; and solves problems related to radon mitigation and removal.

4.4 Technical Support for Others

The Contractor shall provide technical, programmatic, and administrative support as directed by the DOE in the areas of environmental management and restoration programs, waste management, and project management. This technical support includes analysis of work plans, regulatory compliance, project management, cost estimating, training, and value engineering. Additionally, programmatic support may consist of developing baselines, integrating program activities, tracking milestones, and reviewing documents.

4.4.1 Technology Development

The Contractor shall develop and manage assigned technological programs. Projects include:

(1) Technology demonstrations, such as, characterization, containment, separation, remediation, and treatment technologies at DOE and other federal and non-federal sites;
(2) Environmental education and development;
(3) Technology integration;
(4) Implementation of innovative and cost-effective environmental technologies in the conduct of remediation activities.
(5) Technology transfer to the private sector, DOE, and international organizations, and;
(6) Other projects as assigned by DOE.

4.4.2 Research and Development

The Contractor shall apply the results of Government sponsored research and development to national environmental restoration problems through privatization and technology transfer. The Contractor shall maintain the capability to conduct basic research and development in support of environmental management activities and projects.

4.4.3 Mixed Waste Treatment Program (MWTP)

The Contractor shall develop, design, and fabricate mobile treatment units which shall provide technologies including thermal desorption, evaporative oxidation, and waste water evaporation. The Contractor shall also assist the DOE with GJPO's

overall program management responsibility for the Albuquerque Operations Office MWTP by providing project management support, technical and administrative support to assigned sites, schedule integration, and overall site coordination necessary to ensure the successful implementation of the MWTP Plan. The Contractor shall maintain capabilities to support operations and maintenance of mobile treatment technologies and to support possible expansion of the MWTP, as directed by the DOE.

4.5 Long Term Surveillance Program

The Contractor shall manage and provide long term surveillance and maintenance of disposal cells or other facilities remediated or completed by various DOE programs and private industry as assigned by the DOE. Types of facilities which could be included in the Long Term Surveillance Program include UMTRCA Title I and Title II disposal cells, Section 151C of the Nuclear Waste Policy Act sites, DOE Surplus Facility Management Program D&D sites, DOE Formerly Utilized Sites Remedial Action Program sites, and other DOE off-site facilities such as the Monticello disposal cell. The disposal cells or remediated sites shall be periodically inspected in accordance with requirements outlined in either the preliminary or final long term surveillance plans or other regulatory agreements. Periodic maintenance ranging from vegetation control and fence and sign repair to more significant activities, such as, correcting settlement damage, repairing erosion, and human or animal intrusion into the disposal cells.

Conditions observed during the site inspections shall be documented and any necessary corrective actions or maintenance shall be identified. Designs and estimates for corrective actions shall be developed and submitted to the DOE for review and approval. The Contractor shall be responsible for the implementation of the corrective actions and/or maintenance activities.

4.6 Project Management And Control Systems

The Contractor shall develop, implement, and maintain a project management and control system approved by DOE which establishes the technical scope, cost, and schedule baselines. The project management and control system shall serve as a tool for budget development, baseline planning and control (including life-cycle baselines), performance measurement and metrics, reporting and analysis, and funds management.

The Contractor shall develop, implement, and maintain a Work Breakdown Structure (WBS) that is consistent with the Statement of Work (SOW) of the contract and that directly supports the GJPO summary WBS for planning, forecasting, budgeting, scheduling, and cost collection for contract activities and projects. The Contractor shall develop, implement, and maintain a work breakdown structure and work breakdown dictionary to identify the scope of work of each task. The Contractor shall also establish a hierarchical system of project schedules, starting with a project master schedule down to task and subtask schedules. The Contractor shall establish the cost baseline by budgeting resources, estimating all project costs, and developing a time-phased budget plan. All project work must be properly planned and authorized by DOE before that work can be performed.

The Contractor shall measure the progress of work accomplished and costs expended for work completed and submit monthly reports on the status of each project. The reports include the budgeted cost for work scheduled, budgeted cost of work performed, actual cost of work performed, budget at completion, and estimated cost at completion. The Contractor shall analyze the data at the end of each month and report cost variances, schedule variances,

and expected variance at completion of each project. The Contractor shall report specific milestones, quantities, or other quantifiable information. The monthly report shall explain cost and schedule variances identifying the reason for each variance exceeding the reporting thresholds, and outlining the Contractor's management actions taken to mitigate any negative impacts of those variances.

4.6.1 Change Control

The Contractor shall develop, implement, and maintain a project change control process, approved by the DOE, to control baselines, provide historical traceability, and ensure baseline integrity. The Contractor shall integrate their internal change control process with the DOE Change Control process and Change Control Board.

4.6.2 Independent Cost Estimate (ICE) Reviews and Baseline Validations

The Contractor shall maintain the project management and control system so that the information contained within this system shall be available for DOE Independent Cost Estimate Reviews, baseline validations, and other reviews. The quality of the data provided by the system should be maintained such that only minor comments, if any, are received from these reviews.

4.6.3 Integrated Project Management System

The Contractor shall develop, implement, and maintain an Integrated Project Management System (IPMS) which combines the project control and budgetary systems of GJPO Contractors as directed by the DOE. The Contractor shall consolidate GJPO-wide project data and baselines from all GJPO Contractors and make that data available for analysis by the DOE. The Contractor shall also prepare consolidated GJPO reports and budget requests. The IPMS is independent from and additional to management and control system activities described in Section 4.6 through 4.6.2 which are necessary for Contractor operations.

The Contractor shall receive information from other GJPO Contractors for use in the IPMS and for integrated reporting to the DOE. The Contractor shall prepare monthly reports in support of the DOE Environmental Management Progress Tracking System, consolidate annual Activity Data Sheet budget submissions, prepare annual Baseline Environmental Management Reports, and prepare other integrated reports and submissions as directed by the DOE.

The Contractor shall prepare integrated GJPO budget, schedule and performance briefing materials for briefings and reviews on an as required basis. The Contractor shall coordinate with applicable GJPO Contractors to receive timely and standardized input.

5.0 BUSINESS MANAGEMENT

5.1 Financial Management

The Contractor shall develop, implement, and maintain financial management systems for planning, budgeting, financial control, reporting, and accounting of costs. The financial management systems shall be fully integrated with the Contractor's project management and control system.

The Contractor's financial management systems should be capable of managing, collecting, and reporting budgeted and actual financial information by DOE Funding Source and by the WBS approved by DOE. The Contractor will be required to manage project budgets and costs at a much lower level of detail than required for reporting purposes.

5.1.1 Budget

The Contractor shall develop, implement, and maintain a budget process for developing performance based budgets for assigned activities utilizing a bottoms up approach as approved by the DOE. Budget and long-range planning estimates shall be prepared to support the establishment of project baselines and the DOE budget cycle. Budget estimates shall be prepared to include Contractor organizational unit, WBS element, and direct and indirect operating and capital funds. Budget estimates include types of capital cost, DOE Budget and Reporting (B&R) Classifications, and DOE Activity Data Sheets (ADS). Budgets developed by the Contractor shall be integrated with other Contractor budget requirements by the Contractor's IPMS group to produce a consolidated budget for the GJPO.

5.1.2 Funds Management

The Contractor shall develop, implement, and maintain a system to manage and track approved funding that: ensures costs and commitments do not exceed authorized funding levels; provides early warning of funding limits which may be exceeded or not fully utilized; ensures that funds are expended for the purpose authorized; and keeps the DOE informed of the status of funding in a timely manner.

The Contractor shall develop, implement, and maintain a system which authorizes work and allocates authorized funding to the responsible organization for each assigned task, funding source, WBS element, ADS, and B&R classification. The Contractor shall monitor performance against approved tasks and budgets, perform analyses of performance, and develop and recommend corrective measures to maintain control within authorized funding levels.

Based on funding and programmatic guidance provided by DOE, a cost plan by project, including a separate plan for indirect activities, shall be prepared and submitted to DOE for approval. The plan shall include prior year encumbered and unencumbered carryover funding, current year budget authority, monthly projected costs and projected year-end encumbered and unencumbered carryover funding. Management reports addressing performance against the plan shall be prepared monthly.

5.1.3 Accounting

Financial accounting services shall be provided to maintain financial data.

The Contractor shall provide accounting services in accordance with generally accepted accounting principles, DOE requirements, and good business practices to include:

5.1.3.1 Accounts Receivable/Payable;

- Payroll accounting;
- General ledger;
- Benefits accounting;
- Cash and other liquid assets management;
- Invoices;
- Property records;
- Sales tax administration; and
- Cost accumulation and reporting systems.

The Contractor's cost accounting system shall ensure that costs charged to the contract are in accordance with generally accepted accounting principles, DOE requirements, and good business practices.

The Contractor shall maintain an account structure that will allow consistent summarization of performance data by internal organizational unit, by direct and indirect operating and capital cost, by task, by project, by type of cost, and by WBS element.

Monthly actual cost data reflecting total contract costs assigned to WBS elements shall be reported to the Project Management and Control System for use in periodic performance reports. Other financial reports shall be provided as prescribed by the DOE.

5.2 Other Functions

5.2.1 Public Affairs/Community Relations

The Contractor shall assist the DOE in conducting programs for community-relations, education and media coverage in support of assigned tasks except for GJPO site activities which are the responsibility of the Facility Operations and Support Contractor. This includes establishing and maintaining communication channels to disseminate information to the public, maintaining public reading rooms, encouraging public and stakeholder involvement in the remedial process, and responding to public comment and inquiry. The Contractor shall comply with regulatory and emergency planning/response public affairs requirements. The Contractor shall track and analyze public issues related to project goals, and provide information necessary for effective planning and decision making. Public affairs activities will not overlap with those of the Facility Operations and Support Contractor.

5.2.2 Contracting

The Contractor shall establish a procurement system which is responsive to DOE programmatic requirements and milestones and is based on the Federal Acquisition Regulations, the Department of Energy Acquisition Regulations, and the best commercial business practices available. The contractor shall provide a subcontract management system to reflect and manage subcontracts in a cost effective manner. The contractor's acquisition policies shall reflect the department's diversity and small business emphasis.

5.2.3 Strategic Planning

The Contractor shall develop a strategic planning process that incorporates the vision and mission of the GJPO and defines how the Contractor will support the business of the GJPO, its customers and its programs. The plan shall include:

- An analysis of the current strengths, weaknesses, external opportunities for attracting work to GJPO, and the identification and development of solutions for improvements.

- Strategic goals based on the GJPO mission, and action plans and objectives for each goal identified.

- Diversity and total quality management objectives which are consistent with AL and HQ goals.

- Objectives for the safety and health of workers and protection of the environment which meet or exceed applicable environmental, safety and health regulations.

5.2.4 Records Management and Document Control

The Contractor shall utilize the Facility Operations and Support Contractor's records management and document control system for ultimate retention of project documents. The Contractor shall also maintain and update the Administrative Record for the Monticello Mill Site and Vicinity Properties NPL sites and any other sites assigned by the DOE.

6.0 REPORTING REQUIREMENTS

The Contractor shall prepare, submit, and publish financial, schedule, and technical performance plans and reports, and other deliverables as required by the Reporting Requirements Checklist in this contract or as prescribed by task orders negotiated under this contract.

7.0 GOVERNMENT FURNISHED PROPERTY

The Facility Operations and Support Contractor is charged with the primary responsibility for management and operations of the GJPO site and has specific responsibility for managing all Government Furnished Property (GFP) (equipment, real property, space allocation, and materials) of both on-site DOE Contractors and on and off-site subcontractors. In addition, specific property is assigned to the Facility Operations and Support Contractor for use in the performance of the contract.

The Technical Assistance and Remediation Contractor is assigned specific property for use in the performance of its contract and shall provide input to the Facility Operations and Support Contractor for required property management activities. The Technical Assistance and Remediation Contractor shall manage the GFP in a responsible and professional manner in accordance with this contract. The Contractor shall notify the Facility Operations and Support Contractor of equipment in need of maintenance, calibration, or repair.

The Technical Assistance and Remediation Contractor shall be required to identify annually any new equipment requirements and submit the list to the DOE for review and approval. The listing shall include justification, the cost of the equipment, and the delivery date needed to support assigned work. The listing shall normally be received during the annual budget cycle. The DOE, if funding is available, will authorize the Facility Operations and Support Contractor to purchase the equipment.

Circumstances may arise requiring the acquisition of new GFP outside the annual identification process. The Contractor shall develop a non-routine GFP acquisition process to accommodate those critical needs identified at times other than during input to the annual cycle.

Appendix A

LISTING OF ACRONYMS

ADS	Activity Data Sheets
AL	Albuquerque Operations Office
B&R	Budget & Reporting
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
DQOs	Data Quality Objectives
DOE	Department of Energy
EM	Environmental Management
EPA	Environmental Protection Agency
ES&H	Environmental Safety & Health
FFA	Federal Facility Agreement
FFCA	Federal Facilities Compliance Act
GJPO	Grand Junction Project Office
GJPORAP	Grand Junction Projects Office Remedial Action Project
ICE	Independent Cost Estimate
IPMS	Integrated Project Management System
MWTP	Mixed Waste Treatment Program
NEPA	National Environmental Policy Act
NPL	National Priorities List
OTD	Office of Technology Development
RAA	Remedial Action Agreements
RAP	Remedial Action Plans
RCRA	Resource Conservation and Recovery Act
RFI/CMS	RCRA Facility Investigation/Corrective Measures Study
RI/FS	Remedial Investigation/Feasibility Study
ROD	Record of Decision
SAFER	Streamlined Approach For Environmental Restoration
SARA	Superfund Amendments and Reauthorization Act of 1986
SOW	Statement of Work
TSCA	Toxic Substance Control Act
UMTRA	Uranium Mill Tailings Remedial Action (project)
UMTRCA	Uranium Mill Tailings Radiation Control Act
UST	Underground Storage
WFO	Work for Others
WBS	Work Breakdown Structure

Contract No. DE-AC13-95GJ87335

U.S. DEPARTMENT OF ENERGY

DOE F1332.1
11-84

REPORTING REQUIREMENTS CHECKLIST

FORM APPROVED
OMB NO. 1900-1401

1. PROGRAM/PROJECT TITLE: Grand Junction Projects Office

2. IDENTIFICATION NUMBER: DE-AC13-95GJ87335

3. PARTICIPANT NAME AND ADDRESS:

4. PLANNING AND REPORTING REQUIREMENTS

	Frequency
A. General Management	
[X] Management Plan	Y
[X] Status Report	M
[X] Summary Report	M
B. Schedule/Labor/Cost	
[X] Milestone Schedule/Plan	M
[X] Labor Plan	Y
[ ] Facilities Capital Cost of Money Factors Computation	
[ ] Contract Facilities Capital and Cost of Money	
[X] Cost Plan	Y
[X] Milestone Schedule/Status	M
[X] Labor Management Report	M
[X] Cost Management Report	M
C. Exception Reports	
[X] Conference Record	A
[X] Hot Line Report (5000.3B)	A
D. Performance Measurement	
[X] Management Control System Description	O
[X] WBS Dictionary	O
[X] Index	
[X] Element Definition	
[X] Cost Performance Reports	
[X] Format 1 – WBS	M
[X] Format 2 – Function	M
[X] Format 3 – Baseline	Y

	Frequency
E. Financial Incentives	
[ ] Statement of Income and Expense	
[ ] Balance Sheet	
[ ] Cash Flow Statement	
[ ] Statement of Changes in Financial Position	
[ ] Loan Drawdown Report	
[ ] Operating Budget	
[ ] Supplementary Information	
F. Technical	
[X] Notice of Energy RD&D Project (Required with any of the following)	
[X] Technical Progress Report	A
[ ] Draft for Review	
[ ] Final for Approval	
[X] Topical Report	A
[X] Final Technical Report	A
[ ] Draft for Review	
[ ] Final for Approval	
[ ] Software	
[X] Other (Specify) Diversity Plan	O
Diversity Report	Y
ES&H Management Plan	Y
Cost Reduction Proposals	A
Required By DOE Task Order or Directive	A

5. FREQUENCY CODES

A – As Required
C – Change to Contractual Agreement
F – Final (end of effort)
M – Monthly
O – Once After Award
Q – Quarterly
S – Semi-Annually
X – With Proposal/Bid/Application or with Significant Change
Y – Yearly or Upon Renewal of Contractual Agreement

6. SPECIAL INSTRUCTIONS (ATTACHMENTS)

[ ] Report Distribution List/Addressees
[ ] Reporting Elements
[X] Due Dates Within 15 calendar days after end
[ ] Analysis Thresholds
[ ] Work Breakdown Structure
[ ] Other

7. PREPARED BY (SIGNATURE AND DATE)

8. REVIEWED BY (SIGNATURE AND DATE)

REPORTING REQUIREMENTS CHECKLIST

ɔSE

ecklist identifies and communicates additional reporting requirements which are not otherwise set forth in DOE contractual agreement. It included as part of the contractual agreements. The checklist will be completed for each contract or financial incentives agreement. If ry, special instructions may be appended to modify the checklist to adapt it to specific situations.

RUCTIONS

. Enter the title of the project as indicated in the procurement request, contract, interagency agreement, initiating memorandum, or official award, as appropriate

:. Enter the identification number of the procurement request, contract award, or financial incentives agreement, as appropriate

3. Enter the name and address of the participant

s Check spaces to indicate plans and reports selected. For each reporting requirement selected, indicate the frequency of delivery using one of the frequency codes from Item 5. The addressees to whom reports will be sent and the total number of copies required will be referenced in an attached coded distribution list.

Note: Frequency codes represent specific reporting frequencies for each selected report. The frequencies are recommended in the solicitation and negotiated prior to award. The number of copies required and the addressees are similarly finalized prior to award.

Item 5. This item lists the possible frequency codes to be applied in the selection of reporting requirements.

Item 6. Attach special instructions at necessary. Check the appropriate box(es).

Item 7 Signature of person preparing checklist and the date prepared

Item 8. Signature of person reviewing the checklist and date reviewed

DOE F1332.2
11-84

U.S. DEPARTMENT OF ENERGY

SUMMARY REPORT

FORM APPROVED
OMB NO 1901-1400

1. IDENTIFICATION NUMBER	2. PROGRAM/PROJECT TITLE	3. REPORTING PERIOD

4. PARTICIPANT NAME AND ADDRESS	5. START DATE
	6. COMPLETION DATE

7. a. 8. MONTHS

9. COST STATUS

a. $ Expressed in		
b. Budget and Reporting FC		
c. Cost Plan Date		
d. Actual Costs Prior Years		
e. Planned Costs Prior Years		
f. Total Estimated Cost for Contract		
g. Total Contract Value		
h. Estimated Subsequent Reporting Period		
Accrued Costs	i. Planned	
	j. Actual	
	k. Variance	
	l. Cumulative Variance	

10. LABOR STATUS

a. Labor Expressed in		
b. Labor Plan Date		
c. Planned Labor Prior Fiscal Years		
d. Actual Labor Prior Fiscal Years		
e. Total Estimated Labor for Contract		
f. Total Contract Labor		
Labor	g. Planned	
	h. Actual	
	i. Variance	
	j. Cumulative Variance	

LEGEND
Planned: - - - - - -
Actual: ————
Projected: . . . . .

11. MILESTONES	STATUS	COMMENTS
a.		
b.		
c.		
d.		
e.		
f.		
g.		

12. SIGNATURE OF PARTICIPANT'S PROJECT MANAGER AND DATE

SUMMARY REPORT

...hic presentation of integrated cost, labor, and schedule information for rapid analysis and trend forecasting

...RUCTIONS

Enter the title, as it appears in the official document establishing the contractual agreement.

Enter the inclusive start and completion dates for the reporting period for this report.

Enter the contractual agreement identification number as it appears in the official establishing document.

Enter the name and address including zip code of the contractor, organization, or agency, as they appear in the award instrument.

Enter the official start date of the original contractual agreement.

Enter the official completion date as of the latest official modification to the contractual agreement.

Enter current fiscal year.

In the extreme left of the 15 blocks enter the first letter of the fiscal year month of agreement or award initiation. Enter successive months as required. For new fiscal year "Summary Report" submissions enter the months of the new fiscal year ... the first three months of the subsequent fiscal year.

Enter an appropriate scale in dollars for the horizontal lines in the grid. On the grid formed by the dollar scale and the months of the year, plot planned cumulative cost (using a dashed line) for the time period shown in item 8. Plot actual cumulative cost (using a solid line) for each month up to and including the month being reported, with a dotted line extended from that point to indicate estimate of costs to be incurred. If applicable, enter total obligation ceiling line at the top of the graphical representation. The total obligation ceiling is the total funds obligated by the Government plus the participant's cost share. When applicable, reflect changes in obligation ceiling without changing prior month's ceiling. In subsequent fiscal year reports, adjust the graphic scale as necessary to accommodate for cumulative reporting to include prior fiscal year data.

a. Indicate unit of measure applied to cost status graph (such as hundreds, thousands, etc.).
b. Enter the associated B&R numbers.
c. Enter the date of the current approved cost plan.
d. Enter total actual costs for all prior fiscal years.
e. Enter total planned costs for all prior fiscal years (see latest approved "cost plan," item 8).
f. Enter the current estimated cost for the subsequent reporting period.
g. Enter total planned cost for each month shown in item 8.
h. Enter total actual cost for each month shown in item 8 up to and including the month being reported.
i. Subtract the actual cost (9d) from the planned cost (9c) for each month up to and including the month being reported and enter the difference.
j. Enter the cumulative variance by reporting period. Show unfavorable variances in parentheses.

Item 10. Enter an appropriate scale in labor for the horizontal lines on the grid. On the grid formed by the labor scale and the months, plot planned cumulative labor (using a dashed line) for the time period shown in item 8. Plot the actual cumulative labor (using a solid line) for each month up to and including the month being reported, with a dotted line extended from that point to indicate estimated labor to be incurred. If applicable, enter the total labor ceiling line at the top of the graphic representation. The total labor ceiling is the total labor funded by the Government plus the contractor's share, when applicable. Reflect changes in labor ceiling line without changing prior month's ceiling. In subsequent fiscal year reports, adjust graphic scale as necessary to accommodate for cumulative reporting to include prior fiscal year data.

a. Indicate unit of measure applied to labor status graph (exact, hundreds, thousands, etc.).
b. Enter the date for the latest approved "Labor Plan".
c. Enter total planned labor for all prior fiscal years.
d. Enter total actual labor for all prior fiscal years.
e. Enter current estimate of total labor required to complete the contract. This includes actuals for prior years, the current fiscal year actuals to date, plus the participant's best estimate of labor required to complete the remaining work on the contract.
f. Enter the total negotiated contract labor.
g. Enter total planned labor for each month indicated in item 8.
h. Enter total actual labor for each month up to and including the month being reported.
i. Subtract the actual labor (10h) from the planned labor (10g) and enter the difference. Show unfavorable variances in parentheses.
j. Enter the cumulative variance by month. Show unfavorable variances in parentheses.

Item 11. a through g — Enter event identifiers as established in contractual agreement. In the space to the right of each event plot milestone and activity data by month. Use charting information shown at the end of these instructions. In the column entitled "Comments" enter any pertinent additional information concerning milestone status (e.g., schedule revision, date scheduled for milestones completion if not possible to show in graph, etc.).

Item 12. Signature of responsible contractor agency, or organization project manager and date signed verifying the validity of the information furnished based on the participant's knowledge of the progress and status.

Charting information

SYMBOLS	EXAMPLES	SYMBOLS	EXAMPLE
Major event	A — Major event with an activity bar	Activity bar	Same as example A above except that here a time line is used in place of an activity bar
Major event on project critical path	B — Time now and work done	Time line	Original major event date and four approved changes (subsequent to this date)
Intermediate event: Deliverable, Supporting event, or decision point	C — Schedule revision not yet approved	Time now	Original major event date and two subsequent approved changes (one improvement to that date)
Intermediate event completed early or late	D — First change approved (slippage)	Continues beyond time frame shown	Intermediate event schedule deviation
Proposed schedule deviation (late or early) for a major event	E — Improvement (no contractual implemented)		
	F — First change approved (improvement)		
	G — Activity ahead of schedule		
	H — Activity behind schedule		
	Date and of time completion of intermediate events A and B respectively		

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U.S. DEPARTMENT OF ENERGY

MILESTONE SCHEDULE ☐ PLAN ☐ STATUS REPORT

DOE F [illegible]
[illegible]

FORM APPROVED
OMB NO. 1901-1400

1. TITLE

2. REPORTING PERIOD

3. IDENTIFICATION NUMBER

4. PARTICIPANT NAME AND ADDRESS

5. START DATE

6. COMPLETION DATE

7. ELEMENT CODE	8. REPORTING ELEMENT	9. DURATION	FY	FY	10. PERCENT COMPLETE a. Plan	b. Actual

11. SIGNATURE OF PARTICIPANT'S PROJECT MANAGER AND DATE

MILESTONE SCHEDULE PLAN/STATUS REPORT

Data format to establish a baseline schedule and indicate performance status for each reporting element identified in the award instrument.

CTIONS

Appropriate box to indicate whether the form is being submitted as a plan or a report.

Enter the title as it appears in the official document estab- lishing the contractual agreement.

Enter the inclusive start and completion dates for the report- ing period when used as a report.

Enter the identification number as it appears in the official establishing document and append the latest modification number.

Enter the name and address of the contractor organization or agency as they appear in the contractual agreement.

Enter the official start date of the original contractual agreement.

Enter the official completion date, as of the latest official modification to the contractual agreement.

the element codes relating to the line items (end products or work breakdown structure elements reported in item 6.

Enter the same contractually specified reporting elements that are on the associated "Cost Plan" and "Labor Plan".

e items need only be entered on the first page of multipage reports.

Item 9. In the lower portion of the space for the item heading, enter the first letter of the month for the first report in the extreme left block. Enter successive months as required. Enter fiscal years in the upper portion of the heading space as appro- priate for months. Separate fiscal years by extending vertical line between the months of September and October. Enter schedule data below the fiscal year and month headings and to the right of each element listed in item 8. Use charting information shown at the end of these instructions.

Note: Only one major event may be shown on a single horizontal line.

: Intermediate events may be shown only with an activity bar or time line. These event symbols are placed above the bar or line and coded. A description of each should be provided in an attachment.

Item 10. Based on the participant's best judgment, enter an assess- ment of actual percentage completed toward meeting the objective of each reporting element listed in item 8. All schedule variances which exceed established contract thres- holds must be explained in the "Status Report".

Item 11. Enter signature of responsible contractor, agency, or organi- zation project manager and date signed verifying validity of the information furnished based upon the participant's knowledge of the contract's progress and status.

Charting information

SYMBOLS	EXAMPLES	SYMBOLS	EXAMPLES
Major event	Major event with an activity bar	Activity bar	Same as example above except that here a time line is used in place of an activity bar
Major event or project critical path	Time now and work done	Time line	Original major event date and four approved changes (all subsequent to this date)
Intermediate event (Deliverable, Subcontract event, or decision point)	Schedule deviation not yet approved	Time now	Original major event date and two subsequent approved changes (one improvement to that date)
Intermediate event completed early or late	First change approved (slippage)	Continues beyond time frame shown	Intermediate event schedule deviation
Proposed schedule revision (date or new for a major event)	Improvement not contractually implemented		
	First change approved (improvement)		
	Activity behind schedule		
	Activity ahead of schedule		
	Date and or time completion of intermediate events A and B respectively		

DOE F [illegible]
[illegible]

U.S. DEPARTMENT OF ENERGY

LABOR PLAN

FORM APPROVED
OMB NO. 1901-1400

1. TITLE

2. IDENTIFICATION NUMBER

3. PARTICIPANT NAME AND ADDRESS

4. LABOR PLAN DATE

5. START DATE

6. COMPLETION DATE

7. Element Code	8. Reporting Element	9. Plan Prior Fiscal Year	10. Actual Prior Fiscal Year	11. CURRENT FISCAL YEAR												Total	12. FUTURE FISCAL YEARS			13. Subsequent Fiscal Years	14. Total
15. TOTAL																					

16. LABOR EXPRESSED IN

17. SIGNATURE OF PARTICIPANT'S PROJECT MANAGER AND DATE

LABOR PLAN

SE

he plan to allocate direct labor to each reporting element required by the contractual agreement.

UCTIONS

Enter the title as it appears in the official document establishing the contractual agreement.

Enter the identification number as it appears in the official contractual agreement, including any modification number.

Enter the name and address of the participant, organization or agency, as they appear in the contractual agreement.

Enter date of plan.

Enter the official start date of the original contractual agreement.

Enter the official completion date as of the latest official modification to the contractual agreement.

Enter the element codes relating to the line items, tasks, products, or work breakdown structure elements reported in Item 8.

Enter the reporting elements that are specified in the contractual agreement (work statement tasks, work breakdown structure elements, organization units, labor categories, etc.).

9. Enter cumulative planned labor for all prior fiscal years for each reporting category in Item 8. This information must be the same as that reported on the "Labor Management Report" (Item 10d) at the end of the preceding fiscal year.

10. Enter cumulative actual labor for all prior fiscal years for each reporting category in Item 8. This information must be the same as that reported on the "Labor Management Report" (Item 10c) at the end of the preceding fiscal year.

e items need only be entered on the first page of multipage rts.

Item 11. In the blocks heading each column, identify the reporting periods (months, quarters, etc.) specified in the contractual agreement. If months, enter in the extreme left block the first letter of the month for the first contract month, with successive months of the current fiscal year as required. If reporting periods are quarters, use 1st, 2nd, 3rd, and 4th and distribute evenly over the spaces available. Enter planned labor allocations for each period and total to the right of each reporting category listed in Item 8.

Item 12. Enter fiscal year for each future fiscal year of the contractual agreement. Enter planned labor allocations by future fiscal years for each reporting element listed in Item 8.

Item 13. For each reporting element listed in Item 8, enter planned labor allocations for fiscal years remaining to complete the program and not included in Items 11 or 12.

Item 14. Enter the total planned contract labor for each reporting element listed in Item 8, sum of Items 9, 11, 12 and 13.

Item 15. Enter the total labor for each column in Items 9, 10, 11, 12, 13 and 14. Enter only on the final page of a multipage "Labor Plan."

Item 16. Enter the unit of measure for labor amounts shown above (for example, labor hours, hundreds of labor hours, thousands of labor hours, labor months).

Item 17. Signature of responsible contractor, agency, or organization project manager and date signed verifying the validity of the information furnished based upon the participant's knowledge of the contract.

GPO 813-445

DOE F 1332.7
(12 85)

U.S. DEPARTMENT OF ENERGY
COST PLAN

OMB Control No.
1910 1400

1. TITLE

2. IDENTIFICATION NUMBER

3. PARTICIPANT NAME AND ADDRESS

4. COST PLAN DATE

5. START DATE

6. COMPLETION DATE

7. Element Code	8. Reporting Element	9. Plan Prior Fiscal Years	10. Actual Prior Fiscal Years	11. CURRENT FISCAL YEAR												Total	12. FUTURE FISCAL YEARS			13. Subsequent Fiscal Years	14. Total

15. TOTAL
16. DOLLARS EXPRESSED IN

17. SIGNATURE OF PARTICIPANT'S PROJECT MANAGER AND DATE

18. SIGNATURE OF PARTICIPANT'S AUTHORIZED FINANCIAL REPRESENTATIVE AND DATE

COST PLAN

to allocate costs to each reporting element required by the contractual agreement

ONS

the contractual agreement title as it appears in the official document establishing the contractual agreement

the contractual agreement identification number as it appears in the official document establishing the contractual agreement and append the latest contract modification number

the name and address of the contractor, organization, agency, as they appear in the contractual agreement

ter date of plan

ter the official start date of the original contractual agreement

ter the official completion date as of the latest official modification to the contractual agreement

ter the element codes relating to the line items, tasks, products, or work breakdown structure elements reported in item 8.

ter the contractually specified reporting elements

ter cumulative planned costs for all prior fiscal years for each reporting element in item 8. This information must be the same as that reported on the "Cost Management Report" (item 10b — if used) at the end of the preceding fiscal year.

nter cumulative actual costs for all prior fiscal years as of the end of the prior year for each reporting element in item 8. This information must be the same as that reported on the "Cost Management Report" (item 10c) at the end of the preceding fiscal year.

nt need only be entered on the first page of multipage

Item 11. In the blocks heading each column, identify the reporting periods (quarters, months, etc.), specified in the contractual agreement. If months, enter in the extreme left block the first letter of the first month with successive months of the current fiscal year as required. If reporting periods are quarters, use 1st, 2nd, 3rd, and 4th. Enter planned costs for each period and total to the right of each reporting element listed in item 8.

Item 12. Enter fiscal year for each future fiscal year of the contractual agreement. Enter planned costs by future fiscal years for each reporting element listed in item 8.

Item 13. For each reporting element listed in item 8, enter planned costs for fiscal years remaining to complete the program and not included in item 12. Also enter the amount of funds withheld for management control purposes for the entire contract.

Item 14. Enter the total planned cost for each element listed in item 8 (sum of items 9, 11, 12, and 13).

Item 15. Enter the total costs for each column in items 9, 10, 11, 12, 13, and 14. Enter only on the final page of multipage "Cost Plan".

Item 16. Enter the unit of measure for dollar amounts shown above (exact, hundreds, thousands, ten thousands, etc.).

Item 17. Signature of responsible participant project manager and date signed, verifying the validity of the information furnished based on the participant's knowledge of the contract.

Item 18. Signature of participant's financial representative and date signed, verifying the validity of the information furnished.

GPO 91-[illegible]

DOE F 1332.8
(11-84)

U.S. DEPARTMENT OF ENERGY
LABOR MANAGEMENT REPORT

Page of
FORM APPROVED
OMB NO. 1901-1400

1. TITLE

2. REPORTING PERIOD

3. IDENTIFICATION NUMBER

4. PARTICIPANT NAME AND ADDRESS

5. LABOR PLAN DATE

6. START DATE

7. COMPLETION DATE

8. ELEMENT CODE	9. REPORTING ELEMENT	10. LABOR EXPENDED				11. ESTIMATED LABOR EXPENDITURES							12. Total Contract Labor	13. Variance
		Reporting Period		Cumulative to Date		a. Subsequent Reporting Period	b. Balance of Fiscal Year	c.			d. Subsequent Fiscal Years to Completion	e. Total		
		a. Actual	b. Plan	c. Actual	d. Plan			(1)	(2)	(3)				
14. TOTAL														

15. LABOR EXPRESSED IN

16. SIGNATURE OF PARTICIPANT'S PROJECT MANAGER AND DATE

LABOR MANAGEMENT REPORT

sic report of the status of actual and projected labor expenditures and their variances from the approved "Labor Plan" for a contractual nt.

UCTIONS

Enter the title as it appears in the official document establishing the contractual agreement.

Enter the inclusive start and completion dates for the reporting period for this report, if appropriate.*

Enter the contractual agreement identification number as it appears in the official establishing document and append the latest modification number.

Enter the name and address of the contractor, organization, or agency, as they appear in the contractual agreement.*

Enter the date of the current Labor Plan for this contractual agreement (see item 4 of "Labor Plan").

Enter the official start of the original contractual agreement.*

Enter the official completion date, as of the latest official modification to the contractual agreement.*

Enter the element codes relating to the contract line items, tasks, products, or work breakdown structure elements listed in item 9.

Enter the same contractually solicited reporting elements that are on the associated "Labor Plan."

10. All labor must be reported for each reporting element listed in item 9. Contractor-funded labor must be reported for each reporting element listed in item 9. Contractor-funded labor will be excluded only if directed in the contractual agreement. Enter items:

   a. The total actual labor expenditures incurred for the reporting period.
   b. The total planned labor expenditures for the reporting period, as stated in the current "Labor Plan."
   c. The cumulative total of all labor expenditures planned from the beginning of the period of performance to the end of the reporting period.

   c. The cumulative total of all labor expenditures [illegible] from the beginning of the period of performance to the end of the reporting period, as stated in the current "Labor Plan."

Item 11. Enter the participant's best estimate of the labor required to perform the remaining work. This estimate may differ from the "Labor Plan."

   a. The estimated labor expenditures for the subsequent reporting period.
   b. The estimated labor expenditures for the balance of the fiscal year (excluding the amount in 11a).
   c. For each reporting element listed in item 9, enter planned labor for fiscal years remaining to complete the program.
   d. For each reporting element listed in item 9, enter planned labor for fiscal years remaining to complete the program and not included in items 10c, 11a, b, and c.
   e. The total estimated labor expenditures funded by DOE for the completion of the contract effort. (Include the amounts in 10c. and 11a, b, c, and d.

Item 12. Enter the total contract labor for the reporting element as shown in item 14 of "Labor Plan."

Item 13. Subtract the total estimated labor (item 11d) from the total contract labor (item 12) and enter the difference. Show unfavorable variances in parentheses. If the variance exceeds the specified threshold, explain fully in the "Status Report."

Item 14. Enter the totals of all labor for each column for each reporting element. For multipage forms, enter totals on final page.

Item 15. Enter the appropriate unit of measure that relates to the units of measure in the "Labor Plan."

Item 16. Signature of responsible contractor, agency, or organization's project manager and date signed, verifying the validity of the information furnished based upon the participant's knowledge of the contract's progress status.

se items need only be completed on the first page of multipage orts.

SECTION J ATTACHMENT C

GOVERNMENT FURNISHED PROPERTY

SCOPE

This Attachment addresses the Government Furnished Property for use in performance of this contract. Existing government furnished equipment, building space, and facilities have been allocated as appropriate for use under this contract. For reference, items identified for use by the other prime contractor at the site are also included.

MANAGEMENT

The Facility Operating and Support (FOS) Contractor is charged with the primary responsibility for management and operations of the GJPO site and has specific responsibility for managing the Government Furnished Property (equipment, real property, space allocation, and materials) of both on site Contractors and on and off site Subcontractors. In addition, specific property is assigned to the FOS for use in the performance of that contract.

The Technical Assistance and Remediation (TAR) Contractor is assigned specific property for use in the performance of that contract and shall provide input to the FOS for required property management activities.

ASSIGNED USE

Property at the site has been assigned consistent with the Statement of Work contained in each contract as follows:

Appendix A is the list of equipment assigned for the performance of the Technical Assistance and Remediation Contract.

Appendix B is the list of equipment assigned for the performance of the Facility Operation and Support Contract.

Appendix C is the list of buildings assigned to the Facility Operation and Support Contract for management and operation.

Appendix D is a GJPO site map allotting site space for performance of each of the two contracts. The map legend element designated "Technical" identifies space for use by the Technical Assistance and Remediation Contract. The rest of the facility is operated and used by the Facility Operations and Support Contract.

EXISTING MATERIALS

The incumbent Contractor is required to inventory materials prior to termination of the existing contract. This inventory will be basis for transfer and acceptance of Government Furnished Materials to the Facility Operations and Support Contractor upon award. Government Furnished Materials are defined as property that may be incorporated into or

attached to a deliverable end item or that may be consumed or expended in performing a contract.

EXISTING SUBCONTRACTS

The Facility Operation and Support Contractor will assume management of site utility service agreements (excluding those listed below) and existing building lease agreements. The Technical Assistance and Remedial Action Contractor will assume management of remedial action subcontracts active at the time of award and agreements for offices and support services in conjunction with the Monticello site.

VEHICLES

The Offeror will lease vehicles from General Services Administration (GSA) as needed to support the performance of work under these solicitations.

EXISTING DOE AGREEMENTS

The Facility Operations and Support Contractor, as part of the site facility management and administration requirements, will provide support to DOE agreements for limited activities by the following tenants at the GJPO site:

Oak Ridge National Laboratory
General Services Administration
US. Army Reserve

The following existing agreements are transferred from the incumbent Contractor to management by DOE. The Facility Operations and Support Contractor, as part of the site facility management and administration requirements, will provide limited support for these DOE agreements. These agreements include:

VENDOR	P.O. NO.	SERVICE/PRODUCT	$ VALUE/YEAR
Denver & Rio Grande Railroad	36805	Parking Lot Lease	1,800
Denver & Rio Grande Railroad	35421	New Parking Lot & Walkways	564
Public Service Company	1206	Natural Gas Transmission	19,000
Tiger Natural Gas	51187	Natural Gas	60,000
Walker Field	37746	Calibration Pad Lease	19,000

EXISTING COMPUTER EQUIPMENT

Of the existing computer equipment, 99% of the desktop computers are IBM compatible and 1% Macintosh using WordPerfect, Lotus, Harvard Graphics, Visio, Microsoft Project, Primavera Sure Trak, and Paradox software packages. The existing network equipment are IBM compatible 486 or Pentium fileservers running under the Novell Netware 4.x operating system. The following multiuser systems also exist for scientific functions and corporate administrative processes. and run primarily Foxpro/Foxbase software.

Administrative Processes

Manufacturer/Model	Operating System
IBM 9370- 90	VM/SP
AS400-F50	OS/400
DEC AXP 3000/400	VMS
DEC AXP 3000/400	OSF
DEC 5000/400	Ultrix
DEC 5000/200	Ultrix
SUN Sparcstation 10	Sun OS

Analytical Laboratory

Manufacturer/Model	Operating System
DEC VAX 4300	VMS
DEC AXP 2100	VMS
DEC PDP 11/44	RSX 11M
DEC PDP 11/73	RSX 11M

Appendix A Government Furnished Equipment
Technical Assistance and Remediation

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
15" COLOR MONITOR	ZENITH	ZCM-1540-UT	2.170	1
17" COLOR MONITOR	GATEWAY	CS17762LEG	3.700	1
17" COLOR MONITOR	GATEWAY 2000	CS17762LEG	3.700	1
7CR	GE	ICVP5028	999	1
ACID STRGE	LABSAF	WA-18549	285	1
ACOUSTIC WELL PROBE	SA ELECTRONC	30A	1.745	1
ACOUSTIC WELL PROBE	SA ELECTRONI	30A	1.745	1
ADAPTER	XIRCOM	EE10BU	397	1
ADAPTER	XIRCOM	PA2-02B6	224	1
AIR CONDITIONER		A2R08	398	1
AIR CONDITIONER	WSHOUS		514	1
AIR CONDITIONER	WSHOUS	AC088J7B	1.028	2
AIR CONDITIONER	WSHOUS	AC088JK7	550	1
AIR SAMPLE W/SAMPLE PUMP	GASTECH	GX-91B	2.150	1
AIR SAMPLER W/SAMPLE PUMP	GASTECH	GX-91B	4.300	2
AIR SAMPLR	G METL	IP-1070	4.070	1
AIR SAMPLR	SAIC	H-809C	675	1
AIR SAMPLR	SIERRA	1200	8.400	5
ALARM	NOVAL	220-411	657	1
ALPHDETECT	LUDLUM	43-9	380	1
ALTIMETER	THOMEN	TX-18	215	1
ALTIVAROM	THOMMN	TX-18M	225	1
AMP AGC	HARSHAW	NA-22	1.000	1
AMP AGC	HARSHAW	NA-22AGC	1.000	1
AMP DDL	CANBERRA	1411A	643	1
AMP DELAY	ORTEC	460	577	1
AMPLIFIER	OXFORD	TC241	4.080	4
AMPLIFIER	TENLEC	TC240	1.975	5
AMPLIFIER	TENLEC	TC-244	1.995	1
AMPLINPULS	CANBERRA	1411	1.108	2
ANALYS SET	GILSON	SA5	2.455	1
ANALYZER	LI-COR	LAI-2000	4.300	1
ANTENNA AR	DECIBL	S224-162-172	569	1
AREA METER	LI-COR	LI-3100	6.601	1
ATOMIZER	TSI	3076	1.405	1
ATV	YAMAHA	TERRAPRO	16.696	4
BALANCE	ACULAB	500	275	1
BALANCE	WELCH	1574MP8	1.000	1
BAR CODE SCANNER	MARS ELECT	MEQ-43	1.871	1
BAR CODE SCANNER	MARS ELECT	MEQ-430	3.742	2
BARCODE SCANNER	SYMBOL	LS7000	1.294	1
BARCODE SCANNING TERMINAL	SYMBOL	DT3100S046 40	3.590	2
BAROMETER	CAMPBL	201419.2	854	1
BAROMETERALTIME TER	THOMMEN	TX-18M	260	1

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
BASE STATN	DATLNX	120-150	750	1
BASE UNIT	3COM	3C588	694	1
BATTERY CHARGER	DAYTON	2Z3/8D	636	3
BERNOULIEX	IOMEGA	A120H	1.399	1
BLADDER PUMP	GEOTECH ENVI	0510	378	1
BLADDER PUMP	GEOTECH INVI	051	378	1
BOAT	LIVINGSTON	10 FT	1.100	1
BOAT TRAILER	SHOVELANDS	8147Y	599	1
BOOM WINCH	CENGEO	NMN	15.000	1
BOREHOLE	BFEDGJ	NMN	32.139	1
BUBBLEJET PORTBL PRNTER	CANON	10SX	360	1
BUFFER	ACT	02-50-364	241	1
BUILDERS LEVELING TRANSIT	DWHITE	LT8-300	572	1
CABINET	EAGLE	1932	391	1
CABLE	EG&G	M-1-C-10	250	1
CALCULATOR	HEWLETT PACK	48SX	300	1
CALCULATOR	HEWLETT PACK	9825B	11.226	1
CALCULATOR	HEWLETT PACK	HP-28C	207	1
CALCULATOR	HEWLETT PACK	HP-41CV	488	2
CALCULATOR	HEWLETT PACK	HP-41CX	1.072	5
CALCULATOR	HEWLETT PACK	HP48G	322	1
CALCULATOR	HEWLETT PACK	HP48GX	840	3
CALCULATOR	HEWLETT PACK	HP-48SX	290	1
CALCULATOR	HEWLETT PACK	HP48SX	290	1
CALCULATOR	HEWLETT PACK	HP-67	480	1
CALCULATOR	HEWLETT PACK	HP-97	1.185	2
CALCULATOR	HEWLETT PACK	HP/41CX	209	1
CALCULATOR	SHARP	CS-2153	373	1
CALCULATOR	SHARP	CS2780	420	2
CALCULATOR	TI	SR-52	348	1
CALCULATOR	TI	TI-59	593	2
CALIB KIT	GRASBY	002535	560	1
CALIB SLAB	BFEDGJ	CALPAD	508	2
CALIB SLAB	BFEDGJ	K	629	1
CALIB SLAB	BFEDGJ	MIX	629	1
CALIB SLAB	BFEDGJ	NMN	208.626	4
CALIB SLAB	BFEDGJ	SCINTPAD	1.016	4
CALIB SLAB	BFEDGJ	T	629	1
CALIB UNIT	BFEDGJ	NMN	598	1
CALIBRATOR	KURZ	341-	895	1
CALSLAB TH	BFEDGJ	TH	4.852	2
CALSLAB TH	BFEDGJ	TL3	2.426	1
CALSLAB TH	BFEDGJ	TL4	2.426	1
CAMCORDER	HTACHI	VM4400A	777	1
CAMCORDER	PANASONIC	PV-510D	949	1
CAMCORDER	QUASAR	VM-21AC	1.300	1

Appendix A Government Furnished Equipment
Technical Assistance and Remediation

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
CAMCORDER	RCA	CC305	1,120	1
CAMERA	HONEYWELL	SP-1000	562	2
CAMERA	NIKON	8008S	982	1
CAMERA	PENTAX	IQZOM115	349	1
CAMERA	PENTAX	IQZOOM115	350	1
CAMERABODY	CANON	AE-1	474	2
CAMERABODY	CANON	AT-1	445	2
CAN EVACUA	AERVO	1099	375	1
CAN SEALER	WISALM	225	326	1
CAN SEALING MACHINE	WISALM	225	273	1
CANSEALMAC	WISALM	225	853	3
CARRYING CASE	ALPNUC	760C	1,820	1
CART	E-Z-GO	X1500	6,500	2
CART	IEA	NMN	525	1
CD PACK	SUN	F984N X559	895	1
CD ROM DRIVE	MDI	SE6CDX	525	1
CD ROM DRIVE	MICRO DESIGN	SE6CDX	1,485	3
CD-ROM DRV	HTACHI	1700SPC	619	1
CELLULAR PHONE	MOTOROLA	ULTRALITE	655	1
CELLULAR PHONE	MTROLA	FO9HRD8333AG	605	1
CEMENT MIXER	ESSICK	6284	2,550	1
CH HOIST		4622	358	1
CHARGER (SOLAR PANEL)	SOLARX	MSX-18	225	1
CHART RECORDER	DIXON	G105	1,185	3
CHROMGRAPH	PERKIN	8500	27,989	1
CHROMGRAPH	PHTVAC	10S50	12,225	1
CHROMGRAPH	PHTVAC	10S70	34,290	2
CO SCANNER	SHARP	JX300	1,850	1
COLORBOOK COMPUTER	GATEWAY 2000	CB4DX475	4,495	1
COLORBOOK LAPTOP COMPUTER	GATEWAY 2000	YSCBK004AAWW	3,689	1
COMMUNICATIONS CRADLE	MARS ELECT	MEQ-1260	866	2
COMPASS	BRUNTON	5006LM	210	1
COMPITER	STARWEST	483/33	2,070	1
COMPLOT	HOUSTN	DP-11	3,600	1
COMPRESSOR	HONDA	SGGHE1010B	3,375	1
COMPUTER		386-25	4,200	1
COMPUTER	3COM	3C588-12TP	995	1
COMPUTER	APPLE	6100/60	2,650	1
COMPUTER	APPLE MACINT	6100/60	3,095	1
COMPUTER	COMPAQ	C4246M (LAP)	2,611	1
COMPUTER	DELL	450/MX	2,568	1
COMPUTER	DELL	450\M	2,568	1
COMPUTER	ELAB	286	2,200	1
COMPUTER	ELAB	386/16	1,200	1
COMPUTER	ELAB	ZUS386SX	1,000	1
COMPUTER	GATEWAY 2000	486DX/33	3,180	2
COMPUTER	GATEWAY 2000	4DX-33	1,900	1
COMPUTER	GATEWAY 2000	CB4DX475	3,726	1
COMPUTER	GATEWAY 2000	CS1024NI2G	C	1
COMPUTER	GATEWAY 2000	P4D-66	27,735	12
COMPUTER	GATEWAY 2000	P5-66	4,209	1
COMPUTER	GATEWAY 2000	P5-90	31,337	7
COMPUTER	HEWLETT PACK	HP85A	2,964	1
COMPUTER	IBM	5170	38,574	5
COMPUTER	MCNTSH	M509	3,977	1
COMPUTER	NEC	PC-46-1551	4,579	1
COMPUTER	NRTHGT	4C6338	10,431	3
COMPUTER	SHARP	PC-815	2,086	1
COMPUTER	SHARP	PC-8150	2,086	1
COMPUTER	STARWEST	33SWD48633PC	2,189	1
COMPUTER	STARWEST	33SWD48633PC	2,189	1
COMPUTER	STARWEST	386/33	5,024	4
COMPUTER	STARWEST	386/33	9,350	10
COMPUTER	STARWEST	386/40	2,145	1
COMPUTER	STARWEST	483/33	2,070	1
COMPUTER	STARWEST	486DX	1,869	1
COMPUTER	STARWEST	486DX	1,833	1
COMPUTER	STARWEST	486DX2-66	2,652	1
COMPUTER	STARWEST	486DX/33	3,484	2
COMPUTER	STARWEST	486DX/50	6,199	2
COMPUTER	STARWEST	486/33	78,523	40
COMPUTER	STARWEST	486/33	72,668	38
COMPUTER	STARWEST	486/33DX	22,768	12
COMPUTER	STARWEST	486/33DX	1,819	1
COMPUTER	STARWEST	486/50	17,113	8
COMPUTER	STARWEST	486/50	33,149	14
COMPUTER	STARWEST	486/50 EISA	2,739	1
COMPUTER	STARWEST	486/50DX	2,560	1
COMPUTER	STARWEST	486/66DX2	39,445	15
COMPUTER	STARWEST	486/DX/50	3,346	1
COMPUTER	STARWEST	486/DX/66	2,974	1
COMPUTER	STARWEST	TZ81BQ1	3,974	2
COMPUTER	STARWEST	TZ81BQ2	1,631	1
COMPUTER	STARWT	486/33	3,198	1
COMPUTER	STARWT	486/66DX2	2,833	1
COMPUTER	ZENITH	425LNCMD20C	3,900	1
COMPUTER	ZENITH	70	3,104	1
COMPUTER	ZENITH	KXS4921KW	4,697	1
COMPUTER	ZENITH	SJL1645KP	2,430	1
COMPUTER	ZENITH	SJL4231KP	4,801	4
COMPUTER	ZENITH	Z159/13	1,490	1

Appendix A Government Furnished Equipment
Technical Assistance and Remediation

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
COMPUTER	ZENITH	Z286	8.405	5
COMPUTER	ZENITH	Z286/20	2.995	1
COMPUTER	ZENITH	Z-386-20	3.590	1
COMPUTER	ZENITH	Z386-20	3.338	1
COMPUTER	ZENITH	Z-386-20/40	6.924	2
COMPUTER	ZENITH	Z386-20/70	3.590	1
COMPUTER	ZENITH	Z386-25	4.724	1
COMPUTER	ZENITH	Z-386-25/70	4.724	1
COMPUTER	ZENITH	Z386-40	50.746	14
COMPUTER	ZENITH	Z-386/20	3.980	2
COMPUTER	ZENITH	Z386/20	15.224	6
COMPUTER	ZENITH	Z386/20-40	11.445	3
COMPUTER	ZENITH	Z386/20-70	2.808	1
COMPUTER	ZENITH	Z-386/25	3.104	1
COMPUTER	ZENITH	Z386/33-1	13.272	3
COMPUTER	ZENITH	Z386/4-40	3.349	1
COMPUTER	ZENITH	Z486/25E	9.775	2
COMPUTER	ZENITH	ZEL-1331-KP	6.408	4
COMPUTER	ZENITH	ZEL1331KP	2.598	2
COMPUTER	ZENITH	ZEL1648KP	1.604	1
COMPUTER	ZENITH	ZF248-81	3.064	1
COMPUTER	ZENITH	ZF286	1.949	1
COMPUTER	ZENITH	ZFA16121	1.649	1
COMPUTER	ZENITH	ZJL-4231-KP	3.519	3
COMPUTER	ZENITH	ZJL4231KP	1.232	1
COMPUTER	ZENITH	ZKS-6038-KM	2.350	1
COMPUTER	ZENITH	ZS4-50DE-1	2.296	1
COMPUTER	ZENITH	ZSL-1648-KC	1.710	1
COMPUTER	ZENITH	ZSL1648KC	3.420	2
COMPUTER	ZENITH	ZSL-4234-DC	1.644	1
COMPUTER	ZENITH	ZSL-4234-KC	1.644	1
COMPUTER	ZENITH	ZSL-4634-KC	1.290	1
COMPUTER	ZENITH	ZSL4648KC	1.710	1
COMPUTER	ZENITH	ZSP-1651-QD	2.736	1
COMPUTER	ZENITH	ZW148-42	8.452	6
COMPUTER	ZENITH	ZW151-52	12.562	2
COMPUTER	ZENITH	ZW159-3	1.635	1
COMPUTER	ZENITH	ZW241-82	3.081	1
COMPUTER	ZENITH	ZW248-82	2.396	1
COMPUTER	ZENITH	ZW248-82	2.396	1
COMPUTER	ZENITH	ZW248-84	3.299	1
COMPUTER	ZENITH	ZW286	1.930	1
COMPUTER	ZENITH	ZW286-25	5.164	3
COMPUTER	ZENITH	ZW286-25	13.588	8
COMPUTER	ZENITH	ZW386/33-1	4.569	1
COMPUTER	ZENITH	ZWL0360AA	1.589	1
COMPUTER	ZENITH	ZWL-320-60	2.380	1
COMPUTER	ZENITH	ZWL325012	8.261	3
COMPUTER	ZENITH	ZWL325012	1.992	1
COMPUTER	ZENITH	ZWL-3251-12	4.215	1
COMPUTER	ZENITH	ZWL325112	18.619	5
COMPUTER	ZENITH	ZWL-360-6	2.719	1
COMPUTER	ZENITH	ZWL-4251-20	11.799	3
COMPUTER	ZENITH	ZWL-4251-20	3.999	1
COMPUTER	ZENITH	ZWL425121	3.685	1
COMPUTER	ZENUTH	ZKS-6038-KM	2.350	1
COMPUTER LAPTOP	ZENITH	Z286E/20	3.149	1
COMPUTER LAPTOP	ZENITH	ZWL-360-6	2.199	1
COMPUTER (Z-NOTE)	ZENITH	ZWL-4335-21	4.007	1
COMPUTER MONITOR	GATEWAY 2000	MON17004AA WW	4.900	1
COMPUTER (LAPTOP)	TEXAS INST	2646693-0001	2.415	1
COMPUTER (LAPTOP)	ZENITH	Z286E/41	3.959	1
COMPUTER (Z-SELECT)	ZENITH	ZEL-1331-KP	2.009	1
CONDUCTIVITY SYSTEM	SOLTST	EM-31DL	9.450	1
CONTAINER		NM	2.825	1
CONTAINER		NMN	5.353	2
CONTAINER	ZERO	1KP1-014	375	1
CONTAINER	ZERO	2KPO-011	475	1
CONTROL MODULE	IEA	2022-CM	2.600	1
CONTROLLER		3013	2.869	1
CONVERTER	GRNDFO	REDI-FLOW2	1.845	1
COPIER	SAVIN	9250	2.700	1
CORE DRILL	DIAMND	M-1-748	1.872	1
CORE DRILL	MILWAU	4039	563	1
CORE DRILL	NORTON	CD920	3.823	2
COUNTER	BFECGJ	EL0018B	46.110	30
COUNTER D	BFECGJ	EL0018B	31.008	16
COUNTER D	GJPO	EL0018A	12.989	3
COUNTER D	GJPO	EL0018B	34.792	11
COVER P/U	SILVER	102C88	645	1
CRADLE W/POWER SUPPLY	SYMBOL	CRD3100-1000	300	1
CRADLE W/PWR SUPPLY	SYMBOL	CRD3100-1000	300	1
CRUTCHSCAN	BFECGJ	EL-0047A	62.742	41
CRYST DET	SCIAPL	GAX-1000	44.206	1
CYCLE 4WHL	HONDA	TRX250	2.149	1
CYCLE4WHL	KAWASK	KLF 220	2.899	1
D COUNTER	GJPO	EL0018B	2.500	1
DATA STATION	DATLNX	120-110	2.625	1
DATALOGGER	CAMPBL	CR10	1.940	2
DATALOGGER	INSITU	SE1000C	3.150	1
DATALOGGER	INSITU	SE2000	8.916	1
DATALOGGER	OMNI	516C64A	2.773	1

Appendix A Government Furnished Equipment
Technical Assistance and Remediation

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
DATE/TIME STAMP	LATHAM	LTT	447	1
DC PWRSPLY	KEPCO	HB525M	878	1
DESSICATOR	NIKKO	TB-2000	380	1
DET INTFAC	GEOMETRICS	GR-9001	5.000	1
DETECT A/B	BRTHLD	LB122	2.200	1
DETECT PWR	METRO	50/60	606	2
DETECT RAD	EDA	RD200	3.975	1
DETECTBSPL	ORTEC	428	509	1
DETECTOR	EG&G	GEM30195-P	15.339	1
DETECTOR PROBE	EBERLINE	SHP330	2.120	4
DETECTRSYS	EG&G	GEM30210	28.640	1
DEWAR	EG&G	CFG-PG-3.0	1.850	1
DIG TABLET	CALCMP	33240SER	2.480	2
DIG TABLET	CALCOM	33480	1.599	1
DIG TABLET	CLCOMP	33240	1.350	1
DIGESTOR	LABCON	23080	1.283	1
DIGITAL MULTIMETER	FLUKE	1095	211	1
DIGITAL MULTIMETER	FLUKE	29 SERIES II	211	1
DIGITIZER	CALCOM	25180-01	2.055	2
DIGITIZER	CLCOMP	1686408011 4	1.350	1
DIGITIZER TABLET	CALCOMP	34360	1.834	1
DIGIMOBILE	CENCOP	550	6.297	2
DISK DRIVE	APPLE	20SC	935	1
DISK DRIVE	JMR	ST41200NV	1.980	1
DISK DRIVE	MCRDDS	LSRBNK 600MX	2.917	1
DISK DRIVE	MICRO	600MX	2.699	1
DISK DRIVE	MICROP	41	1.942	1
DRIVE	ZENITH	40	1.990	1
DRYICE MAKER	TECHNI	370	299	1
EARTHDRILL	EQUIP	7-BIC	3.175	3
EARTHDRILL	LTLBVR	7	1.851	2
ELEC STAMP	LATHEM	LTHLTT	400	1
ELECT BOOK	SOKKIA	SDR33	2.825	1
ELECTROMTR	KEITH	642/6423	5.780	1
ELECTROMTR	NUCLIC	EAH 300	1.111	1
ELECTRONIC FIELD BOOK	SOKKIA	SDR33	11.785	1
ELECTRONIC PIPETTER	BIOHIT	PROLINE ELEC	515	1
ENVRADMON	REUTER	RSS-111	9.883	1
EXHIBIT MT		NMN	2.500	1
EXTERNAL DRIVE SUBSYSTEM	COMPUPLUS	CP6T2/5.25	235	1
EYEWASH STATION	SPEAKMAN	SE-4000	224	1
FAX	CANON	FAXPHONE23	995	1
FAX MACH	CANON	L775	2.317	1
FAX MACHINE	SHARP	FO5220	2.123	1
FIELD BOOK	LEITZ	SDR-33-640	3.180	1
FIELD BOOK	LIETZ	SDR-24	3.821	1
FLOW KIT	GILIAN	D800271	725	1
FREEZER	GE	CA50LB	250	1
GAMMA SENSOR INTERFACE	SCINTREX	GSI-3	29.557	1
GAS DETECT	DRAGER	CH304	330	1
GAUGE	ETI	8205-00110	1.995	1
GAUGEMOIST	TROXLR	3221	3.000	1
GEN RF IND	RADYNE	EI-7.5	19.175	1
GENERATOR	HONDA	3111LRE	2.869	1
GENERATOR	HONDA	EB-1400X	950	1
GENERATOR	HONDA	EB5000X	1.528	1
GENERATOR	HONDA	EB5000XA	1.528	1
GENERATOR	HONDA	EG3500X	4.600	4
GENERATOR	ONAN	1047AA	4.950	1
GENERATOR	ONAN	K3200	3.620	4
GENERATOR	ONAN	K3500	4.165	5
GENERATOR	VAN G	MAV75E	1.818	1
GEOPROBE	GEOPRB	8-A	36.350	2
GERMANDECT	HARSHAW	20S85ABGOX	5.975	1
GERMANDECT	ORTEC	1230210S	22.202	1
GRAPHICTAB	GTCO	3648	3.639	1
GTRY CRANE	SPANCO	F-2000	935	1
HAMMER	BOSCH	11305	7.170	10
HAMMER	PROCED	LSCHMIDT	650	1
HAND STAMP	STAMP TOOL		1.586	1
HARD DRIVE	SEAGAT	ST41200N	1.595	1
HARD DRIVE	SHARP	PC-8150	2.231	1
HEPA VACUUM	EUROCLEAN	UZ932	627	1
HIGH VOLTAGE POWER SUPPLY	CANBERRA	3102D	1.820	2
HOT FOOD TABLE	DUKE	E-Y-DLSS	1.913	1
HOT PLATE	FISHER	600T	278	1
HYDRAULIC SYSTEM	YAMAHA	HS-6	425	1
HYDRUCSYS	YAMAHA	HS-6	425	1
HYDROSTEPR	SAMM	BAC63200	5.211	1
ICE MAKER	ICEMAT	C-20F	1.590	1
INDICATOR		6010-E	1.915	1
INDICATOR	JOHNSN	NMN	500	2
INSTRUMENT	KRAMER	022-505-510	2.035	1
INTERFACE	EG&G	PRNCBL1	409	1
KEYBD/DISP	CMPSEL	CR10KD	261	1
KEYBOARD	CAMPBL	CR10KD	245	1
KEYBOARD	HEALTH CARE	COMFORT	795	1
LAB FIELD WORK TRAILER	PACE AMERICN	H816TA4	43.629	1
LAB OVEN	GILSON	30AF	635	1
LAMINATING MACHINE	NEWMARK	5000	295	1
LAPTOP COMPUTER	GATEWAU 2000	DB4DX475	3.726	1

Appendix A Government Furnished Equipment
Technical Assistance and Remediation

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
LASER POINTER	LASERX	LLP-100	399	1
LASER PRINTER	APPLE	M6000	18,476	4
LASER PRINTER	HEWLETT PACK	HP-509A	1,333	1
LASER PRINTER - II	HEWLETT PACK	HP33471A	1,990	2
LASER PRINTER - III	HEWLETT PACK	33449A	7,902	4
LASER PRINTER - III	HEWLETT PACK	3349A	3,003	2
LASER PRINTER - III	HEWLETT PACK	C2001A	2,684	2
LASER PRINTER - III	HEWLETT PACK	C2003A	642	1
LASER PRINTER - III	HEWLETT PACK	LASER HP-508	2,884	2
LASER PRINTER - III	HEWLETT PACK	HP508	1,442	1
LASER PRINTER - III	HEWLETT PACK	LASERJET III	8,375	6
LASER PRINTER - III S	HEWLETT PACK	LASER	3,457	1
LASER PRINTER - IIIP	HEWLETT PACK	33449A	4,516	3
LASER PRINTER - IIIP	HEWLETT PACK	33449A	5,990	4
LASER PRINTER - IIIP	HEWLETT PACK	3349A	1,495	1
LASER PRINTER - IIIP	HEWLETT PACK	3349A	4,984	2
LASER PRINTER - IIIP	HEWLETT PACK	HP3349A	1,610	1
LASER PRINTER - IIIP	HEWLETT PACK	HP-509A	1,342	1
LASER PRINTER - IIP	HEWLETT PACK	33471A	5,323	6
LASER PRINTER - IIP	HEWLETT PACK	33471A	3,610	4
LASER PRINTER - IIP	HEWLETT PACK	3349A	941	1
LASER PRINTER - IIP	HEWLETT PACK	3349A	1,483	1
LASER PRINTER - IIP	HEWLETT PACK	HP33471A	1,954	2
LASER PRINTER - IIP	HEWLETT PACK	HP33471A	1,610	2
LASER PRINTER - IV	HEWLETT PACK	C2001A	6,680	5
LASER PRINTER - IV	HEWLETT PACK	LASERJET IV	2,798	2
LASERJET 4 PLUS PRINTER	HEWLETT PACK	C2037A	1,395	1
LASERJET 4 PRINTER	HEWLETT ACK	C2037A	1,279	1
LASERJET 4 PRINTER	HEWLT PACKRD	C2001A	1,399	1
LASERJET 4+ PRINTER	HEWLETT PACK	C2037A	4,245	3
LASERJET 4+ PRINTER	HEWLETT PACK	C2037A	1,395	1
LEAD PIG			14,500	4
LEDREADOUT	ACRITE	387596-4002	975	1
LENS	ASAHI	TAKUMAR	219	1
LENS	HNYWEL	TAKUMAR	219	1
LENS	KALIMR	PKA/KR	430	2
LENS	NIKON	35-105MM	982	1
LENS	VIVATAR	1:3.3	200	1
LENS	VIVATR	3.5-5.3	600	3
LENS	VIVITAR	1:3.3	400	2
LENS	VIVITR	1:3.3	400	2
LENS	VIVITR	216795	388	1
LENSZOOM	TAMRON	1:3.5-4.5	259	1
LEVEL	ASAHI	PAL-2C	735	1
LEVEL	LEITZ	C3E	675	1

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
LEVEL	WILDHB	NA2	1,450	1
LINE LOCATER	METROTECH	850	0	1
LINE TRACR	METRO	50/60	367	1
LINETRACER	METRO	50/60	367	1
LINETRACER	METRO	810	18,939	12
LINETRACER	METRO	850	10,189	5
LOAD CELL	R LAKE	RL20000	450	1
LOCATOR	SCHON	MAC-51B	1,395	1
LOGGER	DATLNX	270-002	1,350	1
LOOP ANTENNA	EMCO	6507	3,000	2
MONITOR	AAMAZING	24" SVGA	366	1
MAGNETOMTR	GISCO	G-356AX	12,290	2
MAGNETOMTR	NAROD	NMN	17,640	1
MAGNLOCATR	SCHNST	GA-52B	685	1
MANOMETER	SCNST	7735	5,850	2
MANUAL IMAGE MAKER		IM 2000-1	299	1
MAP FILE	PUNHLD	MF-3042	1,268	1
MASTERFLEX	COLPAR	7587-19	345	1
MCA	CANBER	3502	23,808	4
MCA	CANBER	4096	7,300	1
MEGAPHONE	CBLFRM	S356	281	1
MEMRYSUBGR	TRACOR	TN171028	425	1
METAL DETECTOR	GARRETT	5ADS	500	1
METER	HACH	2100P	895	1
METER	PHXGEO	CS1	2,888	1
METER GAS	KURZ	5059A02	2,442	1
METER GAS	SNGER	DTM-115	642	1
METER OXY	YLWSPRINGS	58	1,130	1
METER SURV	EBERLINE	ESP-1	17,886	16
MICROBUFER	ACT	MICROBUF	469	1
MICROBUFFR	ACT	02-50-364	241	1
MICROBUFFR	ACT	0250364	1,686	7
MICROBUFFR	ACT	MICROBUF	6,362	18
MICROCOMPUTER	GATEWAY	P5-60	3,700	1
MICROCOMPUTER	GATEWAY 2000	P5-60	3,700	1
MICROLOGER	CAMPBL	CR-21	2,800	1
MICROSCOPE	B&L	31270142	764	1
MINI-BIN	TENLEC	NMN	260	1
MINIPULSER	EBERLINE	MP-2	1,344	1
MOBIL PHONE	GLENAYRE	GL4040	2,050	1
MODEM	OMPBEL	DC112	599	2
MODEM	LEITZ	202-S	348	1
MODEM	MCRCOM	DESKPORTE ES	435	1
MODEM	MCRCOM	QX-4232BIS	461	1
MODEM	MCRCOM	QX\4232BIS	575	1
MODEM	MICROCOM	DESKPORTE	1,140	3
MODEM	USROBT	2400	385	1

Appendix A Government Furnished Equipment
Tecnnical Assistance and Remediation

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
MODEM	USROBT	9600	735	1
MODEM INTL	HAYES	07-00056	431	1
MODULE	CAMPBL	SM192	382	1
MODULE	CMPBEL	CR10	2.071	2
MODULE	CMPBEL	SM192XT	407	1
MONITOR	AAMAZING	14 ' SVGA	366	1
MONITOR	AAMAZING	14' SVGA	366	1
MONITOR	AAMAZING	14" SVGA	4.429	7
MONITOR	AAMAZING	14" VGA	678	2
MONITOR	AAMAZING	24" SVGA	366	1
MONITOR	AAMAZING	8428MX	339	1
MONITOR	AAMAZING	AM8486TX	366	1
MONITOR	AAMAZING	AMA8428MX	366	1
MONITOR	AAMAZING	AMA8486TX	732	2
MONITOR	AAMAZING	CM8424MX	650	2
MONITOR	AAMAZING	CM-8428MX	2.353	2
MONITOR	AAMAZING	CM8428MX	8.129	16
MONITOR	AAMAZING	CM8428TX	366	1
MONITOR	AAMAZING	CM8486QX	366	1
MONITOR	AAMAZING	CM8486TX	732	2
MONITOR	AAMAZING	CM98428MX	1.987	1
MONITOR	AAMAZING	CM/8486QX	366	1
MONITOR	AAMAZING	VGA700	366	1
MONITOR	ADC	CM323	550	1
MONITOR	AMASNG	14" SVGA	366	1
MONITOR	ANAZNG	14" SVGA	366	1
MONITOR	ANAZNG	CM8428MX	825	1
MONITOR	APPLE	APPLE MAC 14	0	1
MONITOR	DELL	ULTRASCAN	1.400	2
MONITOR	EVERVW	EM 1428	260	1
MONITOR	GATEWAY 2000	14SVGA	0	1
MONITOR	GATEWAY 2000	CPD-15F13	1.455	8
MONITOR	GATEWAY 2000	CPD915F13	0	1
MONITOR	GATEWAY 2000	CPO15F13	0	3
MONITOR	GATEWAY 2000	CS1024NI2G	0	1
MONITOR	GATEWAY 2000	CS1572DG	425	2
MONITOR	GATEWAY 2000	CS17762LKG	0	1
MONITOR	GATEWAY 2000	CS1776LE G	0	3
MONITOR	GATEWAY 2000	DX17S	0	1
MONITOR	GATEWAY 2000	PCD-15F13	0	1
MONITOR	GOLDSTAR	1620	1.476	2
MONITOR	GOLDSTAR	1620VGA	1.411	2
MONITOR	MAG TECH	DX17F	745	1
MONITOR	MAGNVX	CM9062	673	2
MONITOR	NEC	3FGE	3.451	6
MONITOR	NEC	4D	931	1
MONITOR	NEC	5FGE	1.049	1

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
MONITOR	NEC	JC1403HM	480	1
MONITOR	NEC	JC-1403HMA	2.064	5
MONITOR	NEC	JC1403HMA	854	2
MONITOR	NEC	JC-1404	630	1
MONITOR	NEC	JC-1404HMA	1.772	3
MONITOR	NEC	JC1404HMA	1.252	2
MONITOR	NEC	JC1501	675	1
MONITOR	NEC	JC1531VMA	4.612	6
MONITOR	NEC	JC-1532VMA	7.478	12
MONITOR	NEC	JC1532VMA	5.745	9
MONITOR	NEC	JC-1532VMA-1	731	1
MONITOR	NEC	JC1532VMA-1	731	1
MONITOR	NEC	JC-1532VMA-2	635	1
MONITOR	NEC	JC1532VMA-2	1.825	3
MONITOR	NEC	JC1532VMA-2	620	1
MONITOR	NEC	JC1532VMA2	643	1
MONITOR	NEC	JC1532VMA2	633	1
MONITOR	NEC	JC1532VMAN	691	1
MONITOR	NEC	JC15332VMA-2	620	1
MONITOR	NEC	JC-1731VMA	1.175	1
MONITOR	NEC	JC1741UMA	2.590	2
MONITOR	NEC	JC91532VMA	647	1
MONITOR	NEC	KC-1532VMA	647	1
MONITOR	NEC	NMN	1.390	1
MONITOR	NEC	VGA COLOR	405	1
MONITOR	SENITH	ZCM1430	338	1
MONITOR	TATUNG	14AUS	339	1
MONITOR	TATUNG	AMA8428MX	339	1
MONITOR	TATUNG	CM 14AUS	339	1
MONITOR	TATUNG	CM-14AUS	678	2
MONITOR	TATUNG	CM-14AUS	1.017	3
MONITOR	TATUNG	CM14AUS	678	2
MONITOR	TATUNG	CM-14UAS	339	1
MONITOR	ZENITH	ACM-1440	405	1
MONITOR	ZENITH	ACM-1540UT01	478	1
MONITOR	ZENITH	ZC111-139-Z	0	1
MONITOR	ZENITH	ZCM1390	400	1
MONITOR	ZENITH	ZCM1390	3.754	9
MONITOR	ZENITH	ZCM1390A	400	1
MONITOR	ZENITH	ZCM1390A	820	2
MONITOR	ZENITH	ZCM1390AZ	1.257	3
MONITOR	ZENITH	ZCM1390AZ	859	2
MONITOR	ZENITH	ZCM1390Z	440	1
MONITOR	ZENITH	ZCM1390Z	440	1
MONITOR	ZENITH	ZCM-1410-JZ	297	1

Appendix A Government Furnished Equipment
Technical Assistance and Remediation

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
MONITOR	ZENITH	ZCM-1430	576	2
MONITOR	ZENITH	ZCM-1430-B	338	1
MONITOR	ZENITH	ZCM-1430-BA	1,014	3
MONITOR	ZENITH	ZCM1430BA	676	2
MONITOR	ZENITH	ZCM-1440	405	1
MONITOR	ZENITH	ZCM-1440UT00	429	1
MONITOR	ZENITH	ZCM-1450-DT	338	1
MONITOR	ZENITH	ZCM-1450-UT	380	1
MONITOR	ZENITH	ZCM-1450-UT	380	1
MONITOR	ZENITH	ZCM1490	3,095	5
MONITOR	ZENITH	ZCM1490	1,268	2
MONITOR	ZENITH	ZCM1490SW	1,713	3
MONITOR	ZENITH	ZCM1490SW	10,038	17
MONITOR	ZENITH	ZCM-1490-Z	1,847	3
MONITOR	ZENITH	ZCM1490Z	639	1
MONITOR	ZENITH	ZCM1490Z	2,432	4
MONITOR	ZENITH	ZCM-1492	510	1
MONITOR	ZENITH	ZCM1492	1,537	3
MONITOR	ZENITH	ZCM1492	440	1
MONITOR	ZENITH	ZCM1492SW	639	1
MONITOR	ZENITH	ZCM1492Z	629	1
MONITOR	ZENITH	ZCM-1540UT00	810	2
MONITOR	ZENITH	ZCM1540UT01	509	1
MONITOR	ZENITH	ZCM1540UT0	489	1
MONITOR	ZENITH	ZCM-1540UT1	0	1
MONITOR	ZENITH	ZCM-1790	3,493	3
MONITOR	ZENITH	ZCM1790GA	990	1
MONITOR	ZENITH	ZVM-133	1,249	3
MONITOR	ZENITH	ZVM1330	876	2
MONITOR	ZENITH	ZVM-135	558	2
MONITOR	ZENITH	ZVM135-1	499	1
MONITOR	ZENITH	ZZCM-1430-BA	338	1
MONITOR C	MAGNVX	9CM062	359	1
MONITOR C	NEC	2A	519	1
MONITOR C	NEC	JC1402HMA	564	1
MONITOR C	NEC	JC-1403HMA	399	1
MONITOR C	NEC	JC-1403HMA	2,115	4
MONITOR C	NEC	JC1403HMA	1,525	3
MONITOR C	NEC	JC1403HMA	2,556	5
MONITOR C	NEC	JC1404HMA	682	1
MONITOR C	NEC	JC1501VMA	921	1
MONITOR C	ZENITH	ZCM1390	428	1
MONITOR C	ZENITH	ZCM-1492	584	1
MONITOR WL	EBERLINE	WLM-1	11,927	5
MONITOR WL	EBERLINE	WLM-1A	24,050	10

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
MONTIC REPOSITORY MODEL	GEOTECH ENG		3,000	1
MONTRVAPOR	PHTVAC	TPII	3,900	1
MULE	KAWSAK	KAF300B	3,609	1
MULE	KAWSKI	KAF300-A1	3,409	1
MULE	KWASKI	KAF300A1	3,409	1
MULTI CONNECT REPEATER	3COM	3C588-12TP	995	1
MULTIMETER	TEKTRONIX	DM501	460	1
MULTIPLEXR	CAMPBL	AM416	870	2
MV3500	DIGITAL EQP	VAX3500	77,203	1
NETPORT	INTEL	PCLA2121	470	1
NETPORT PRINT SERVER	INTEL	PCLA2131	435	1
NETPORT SERVER	INTEL	PCLA2131	1,338	3
NETPORT XL PRINT SERVER	INTEL	PCLA2131	878	2
NEURATMETR	SANDIA	NMN	2,500	1
NIMBIN	CANBERRA	2000	2,096	2
NIMBIN	TENLEC	TB3TC911	925	1
NIMBIN	TENLEC	TC911	590	1
NOTEBOOK	ZENITH	SWL-320-60	2,199	1
OCEAN CARGO CONTAINER	EDI		1,400	1
OPTICAL DRIVE	PANASONIC	LS-7300A	2,450	1
O-SCOPE	TEKTRONIX	SC504	2,250	1
OXYGNMETER	YLW SPRINGS	50B	840	1
P SHREDDER		1036S	1,250	2
PAGER	GE	P8LBW6KA	477	2
PAGER	GE	P8LBW6KA	238	1
PAGER	GE	PSA15	260	1
PAGER	GE	PSA15	260	1
PAGER	NEC	3P3-3A	697	3
PAGER	NEC	3P3-3A	923	4
PAGER	SHINWA	SR52VT	500	2
PAGER	SHINWA	SR52VT	267	1
PH METER	ORION	SA250	942	2
PHOTOMETER	ARTEL	DIFFERENTIAL	1,250	1
PLANIMETER	FLTEC	236A	354	1
PLANIMETER	K&E	62-0015	354	1
PLANIMETER	LIETZ	PLANIX8	2,025	3
PLANIMETER	SOKKIA	3651-80	735	1
PLATFORM	WRKFRC	XLTCAT15	3,300	1
PLOTTER	HEWLETT PACK	650C	7,787	1
PLOTTER	HEWLETT PACK	7550	2,825	1
PLOTTER	HEWLETT PACK	7595A	7,524	1
PLOTTER	HEWLETT PACK	7595B	6,097	1
PLOTTER	HEWLETT PACK	HP7475A	1,270	1
PLOTTER	ROLAND	DPX-2000	3,399	1
PLOTTER	ROLAND	DPX-2000	10,817	3
PLOTTER	ROLAND	DPX-2500	3,396	1

Appendix A Government Furnished Equipment
Technical Assistance and Remediation

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
MT BASE W/PREAMP & PS	EG&G	296	940	1
OLY WATER TANK		210 GAL	215	1
ORT PUMP	MSA	G	358	1
ORT RADIO	GE	PE66RASA	1,985	1
ORTAABLE PUMP	MSA	479680	428	1
ORTABLE CLEANER	THOMAS	EC2-1000	845	1
ORTABLE MCA	CANBER	1004	11,518	1
ORTABLE PUMP	MSA	479680	3,111	7
ORTABLE PUMP	MSA	FLOWLITE	428	1
ORTCLEANR	THOMAS	EC2-1000	1,690	2
ORTSCALER	LUDLUM	2000-	899	1
OWER SUPPLY	BEST POWER	LI460VAB	678	2
OWER SUPPLY	CANBERRA	3102D	883	1
OWER SUPPLY	CMPBEL	PS12LA	500	2
RESSGAUGE	MKS	222	1,079	1
RINT TAPE	FARGO	MII02	2,305	1
RINT TCKT	FARGO	MII01	2,375	1
RINTER	CALCOM	80611	3,396	1
RINTER	CANON	BJ-10EX	963	3
RINTER	CANON	BJ-10EX	350	1
RINTER	CANON	BJ10EX	375	1
RINTER	E KODK	180SI	294	1
RINTER	EPSON	FX-185	1,050	2
RINTER	EPSON	LQ-2550	1,019	1
RINTER	EPSON	LX300	0	1
RINTER	HEWLETT PACK	550C	729	1
RINTER	HEWLETT PACK	C2001A	1,399	1
RINTER	HEWLETT PACK	C2010A	2,808	1
RINTER	HEWLETT PACK	C2010A	2,793	1
RINTER	HEWLETT PACK	HP82143A	335	1
RINTER	IBM	PROPRINTER2	0	1
RINTER	KODAK	DIC-1550	492	1
RINTER	PYLON	PPT-1	680	1
RINTER	TOSHIBA	P321SL	560	1
RINTER	TOSHIBA	P341SL	1,225	2
RINTER	ZEBRA	S50-121-0010	2,200	1
RINTER	ZEBRA	S501210010	1,920	1
RINTER (BUBBLE ET)	CANON	BJ-10SX	259	1
RINTER (BUBBLE ET.	CANON	BJ-10SX	259	1
RINTER (LAPTOP)	CANON	BJ-10SX	375	1
RINTER LASERJET 4	HEWLETT PACK	C2037A	1,395	1
RINTER (LASERJET)	HEWLETT PACK	C2001A	1,399	1
RINTER BUBBLE JET	CANON	K10060	375	1
RINTER CP	DICONX	150P	365	1
RINTER CP	DICONX	150P	365	1
RINTER CP	DICONX	150S	515	1

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
RINTER CP	EPSON	FX-100	591	1
RINTER CP	EPSON	FX-100+	505	1
RINTER CP	EPSON	FX-1050	924	2
RINTER CP	EPSON	FX-1050	2,288	5
RINTER CP	EPSON	FX-286	3,224	6
RINTER CP	EPSON	FX-286E	2,074	4
RINTER CP	EPSON	FX-850	468	1
RINTER CP	EPSON	LQ-1050	3,100	4
RINTER CP	EPSON	LQ-1050	10,339	13
RINTER CP	EPSON	LQ-2550	7,711	8
RINTER CP	EPSON	LQ-2550	5,685	6
RINTER CP	TOSHIBA	P321	516	1
RINTER CP	TOSHIBA	P341	578	1
RINTER CP	TOSHIBA	P341SL	4,108	6
RINTER CP	TOSHIBA	P341SL	11,166	17
RINTER CP	TOSHIBA	P351	6,869	5
RINTER CP	TOSHIBA	P351C/2	1,129	1
RINTER CP	TOSHIBA	P351SX	7,636	7
RINTER CP	TOSHIBA	P351/2	1,234	1
RINTER FOR CALIBRATOR	GILIAN	D-800274K	725	1
RINTER (LASERJET 4)	HEWLETT PACK	C2010A	2,865	1
RINTER (LASERJET 4)	HEWLETT PACK	LASERJET IV	2,793	1
RINTER (LASERJET)	HEWLETT P	C2037A	1,399	1
RINTER (LASERJET)	HEWLETT PACK	C2037A	1,377	1
RINTER-FOR ELEC FIELD SK	KODAK	180 SI	349	1
RINTERLAS	APPLE	M6000	4,569	1
RINTRE CP	TOSHIBA	P341	579	1
RISM POLE	HIXON	0050080	362	1
ROBE	BICRON	FIDDLER	4,000	1
ROBE	LUDLUM	177	12,938	3
ROBE	LUDLUM	43-5	375	1
ROBE	LUDLUM	43-5	375	1
ROBE	NETEC	DP6	2,390	2
ROBE	NETEC	DP6A	3,588	3
ROBE	NETEC	NMN	730	1
ROBE	OILREC	1068013	1,995	1
ROBE GAMA	EBERLINE	SPA-3	11,846	18
ROBE XRAY	EBERLINE	PG-2	1,123	1
ROJECTOR	3M	9100	415	1
ROJECTOR SCREEN	BRTRO	BRE3070M	244	1
ROMETER	LI-COR	LI1600M	5,595	1
UMP	COLEPARMER	7549-30	700	1
UMP	FMI	RHSY	875	1
UMP	MSRFLX	L-07570-10	760	1
UMP	MSRFLX	T-754939	685	1
UMP	QED	T:200	595	1

Appendix A Government Furnished Equipment

Technical Assistance and Remediation

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
PUMP ION	VEECO	PS300	1,919	1
PUMP SAMP	FULTZ	SP-202	2,966	1
PUMP SUB	GRNDFO	MODEL B	799	1
PUMP/METRNG	LMI	A141-155	365	1
PWR SUPPLY	BSTPOW	ME700VA	836	1
PWR SUPPLY	CANBERRA	3002	578	1
PWR SUPPLY	CANBERRA	4261A	740	1
PWR SUPPLY	GRANVL	02	1,161	1
PWR SUPPLY	TENLEC	TC909	923	2
PWR SUPPLY	TENLEC	TC909/MB	895	1
RACK EQUIP	CBLTRN	11730	1,000	1
RAD MONITR	PYLON	AB-5	7,340	2
RAD MONITR	PYLON	ABA	500	1
RAD MONITR	PYLON	CPD	750	2
RADAR GUN	APPLID	STALKER ATR	2,050	1
RADIO	ADVID	ET5VI	3,164	9
RADIO	EENDIX	LPH 5141	466	1
RADIO	BNDX/K	EPH5141A	587	1
RADIO	BNX/KG	EPH511141A	587	1
RADIO	ERICSN	MP4H3	934	2
RADIO	GE	MLSH040	804	2
RADIO	GE	MLSH040	402	1
RADIO	GE	MLSH041	1,883	4
RADIO	GE	MLSHO41	1,257	3
RADIO	GE	N5A05	5,536	10
RADIO	GE	N5A06	1,220	2
RADIO	GE	N5HH1W40	556	1
RADIO	GE	N5HH1W40	527	1
RADIO	GE	N5HH1W40	12,667	23
RADIO	GE	N5HH1W40T	2,220	4
RADIO	GE	PSX-SE	489	1
RADIO	GE	PSXSE	489	1
RADIO	GE	RCD1SM	463	1
RADIO	K/BNDX	LPH5142A	942	2
RADIO	MAXN	RADEUS-P100	500	1
RADIO	MAXON	CP-0510	7,312	21
RADIO	MAXON	CP-0510	2,439	10
RADIO	MAXON	CPO510	756	3
RADIO	MAXON	RADIUS P-100	500	1
RADIO	MAXON	RADIUS-P100	500	1
RADIO	MAXON	SP22550SH	354	1
RADIO	MAXON	SP2550	1,574	5
RADIO	MAXON	SP2550	1,690	5
RADIO	MAXON	SP2550H	668	2
RADIO	MAXON	SP-2550SH	628	1
RADIO	MAXON	SP2550SH	356	1
RADIO	MAXON	SP2550SH	1,884	3

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
RADIO	MOTOROLA	D431RA73A5BK	557	1
RADIO	MOTOROLA	D43LRA73ASBK	557	1
RADIO	MOTOROLA	D43TLA7D	5,632	11
RADIO	MOTOROLA	D43TLA7D	512	1
RADIO	MOTOROLA	G99QX+53H	10,051	6
RADIO	MOTOROLA	GP300	2,760	4
RADIO	MOTOROLA	H43QP07120BN	491	1
RADIO	MOTOROLA	H43QPU7120BN	1,000	2
RADIO	MOTOROLA	H43QPU7120BN	850	2
RADIO	MOTOROLA	H43QPU7120BN	1,000	2
RADIO	MOTOROLA	H43QPU7120N	1,000	2
RADIO	MOTOROLA	H43QPU7120N	1,000	2
RADIO	MOTOROLA	H43QPU7120BN	1,000	2
RADIO	MOTOROLA	M43LRC00A2AA	1,002	2
RADIO	MOTOROLA	P-100	1,883	4
RADIO	MOTOROLA	P100	925	2
RADIO	MOTOROLA	P110	2,291	5
RADIO	MOTOROLA	P110	458	1
RADIO	MOTOROLA	P43QLC20E2AA	573	1
RADIO	MOTOROLA	P43QLC20EAA	573	1
RADIO MOBI	GE	NMN	527	1
RADIO MOBL	MOTOROLA	T435RA39	2,000	1
RADIO MOBL	MOTOROLA	T43RTA	1,546	1
RADIO W/CHARGER	MOTOROLA	RADIUS GP300	1,396	2
RAINGAGE	CMPBEL	385-L25-P25	1,020	1
RAPID DIST	LABCON	55000	1,375	1
RATEMETER	LUDLUM	12	3,275	5
RATEMETER	LUDLUM	12+	720	1
RATEMETER	NE	ELECTRA	4,780	4
READER/WRITER	DATA BOOK	TMD-550-03	349	1
READOUT WL	SEERLINE	WLR-1	7,149	2
RECEIVER		TDR-6	20,980	1
RECEIVER	RADDET	RD400	1,875	1
RECEIVER	RADDET	RD400HPTX	3,766	2
RECORDER	DIXON	G105	1,185	3
RECORDER	LANIER	MS-105	498	2
RECORDER	LANIER	MS-60	654	3
RECORDER	L&S	58	2,433	3
RECORDER	TECHTR	787BB	1,245	1
REEL SYS	ENVIRO	PORTAPURGE	3,211	1
REEL/HOSE	GRNDFO	NMN	200	1
REFDEWRSYS	ORTEC	NMN	1,488	1
REFRIG SYS	ORSYS	22	17,450	1
REMOTE CONTROL	GE	549C2S	751	1
REPEATER	DEC	DELNI	1,240	1

Appendix A Government Furnished Equipment
Technical Assistance and Remediation

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
RMT CNTROL	GE	RCDISM	427	1
ROD		100 FT	294	1
ROD		200 FT	294	1
ROUTER	CISCO	IGS/R	3,221	1
SAMPLER	ANDERN	PM-10	3,584	1
SAMPLING DREDGE	WILDCO	008890	439	1
SAMPLRPUMP	BRNANT	7570	495	1
SAMPLRPUMP	SUPELC	PAS-3000	990	1
SCALE	ACULAB	PKT PRO 80	1,250	1
SCALE	GERBER	TP007200B	380	1
SCALE	OHAUS	CT1200-S	450	1
SCALE	OHAUS	CT1200	1,350	3
SCALE	OHAUS	CT1200-S	388	1
SCALE	SAMSON	SC500	1,506	1
SCALE	WEBB	6-2210	3,000	1
SCALE CALC	FARGO	ACS103	11,660	1
SCALER	EBERLINE	PRS-1	18,418	9
SCANNER	VEMCO	600E	16,524	1
SCANNER RECORDER	SINCO	SS420	9,140	1
SCINTILLOMETER	LUDLUM	12S	577	1
SCINTILLOMETER	MT SOPRIS	SC-132	1,544	1
SCINTLOMETER	LUDLUM	12S	577	1
SCINTLOMTR	LUDLUM	12S	9,207	16
SCINTLOMTR	MT SOPRIS	SC-132	1,757	1
SCINTLOMTR	MT SOPRIS	SC-132	72,534	47
SCOOTER	CUSHMAN	4000+	1,462	1
SCOOTER	CUSHMAN	898322-8710	4,725	1
SCOOTER	CUSHMAN	NMN	1,926	1
SCRUBBER	MSRRLX	MD13A	405	1
SEALERCAN	WISALM	225	652	2
SEISMOGRPH	ORTEC	ES-1225	21,215	1
SEIVE/SHKR	TYLER	RX-86	540	1
SENSORHEAD	LI-COR	9916-004	1,800	1
SERVER	INTEL	NMN	450	1
SERVER	INTEL	PCLA2121	1,419	3
SERVER	INTEL	PCLA2131	459	1
SERVER	INTEL	PCLA2221	1,949	1
SERVER	ZENITH	486/50	3,298	1
SHREDDER	FELLOWES	PS70	292	1
SHREDDER	IDEAL	2000S	289	1
SLIDE PROJECTOR	KODAK	AF-2	208	1
SMART CHARGER	OMNIDATA	PA-SCHARGER	211	1
SNOWSHOES	SERRA	200 LB	440	2
SOIL SMPLR	ELE	CN-1030	625	1
SOLAR CHARGER	ARCO	G100	295	1
SOLARPANEL	DATLNX	320-350	250	1
SOUND STATION	HELLO DIRECT	2362	1,595	1

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
SPARCSTATN	SUN	30GS	33,495	1
SPECTROMTR	B&L	332242	1,075	1
SPECTROMTR	GEOMETRICS	GR-410	11,155	2
SPECTROMTR	SCINTREX	GAD-6	52,723	7
SPECTRSCOP	EG&G	92X-P	6,368	1
SPECTSCOPY	EG&G	92X-P	8,325	1
SPOT SCOPE	REDFLD	126745	360	1
SPRAYER ON TRAILER	HOTSY	980	7,407	1
STEEL TAPE	KESON	300 FT	207	1
STEREOSCOP	NIKON	413	390	1
STIRRER	HACH	5795A	410	1
SUBMERSIBLE PUMP	FRANK	2143074416	422	1
SUBSYSTEM	ANTHEM	757240	275	1
SURVEY METER	EBERLINE	E-600	10,755	9
SURVEY PROBE	EBERLINE	SHP100BGS	2,360	4
SUSRVEY PROBE	EBERLINE	SHP100BGS	590	1
SYSTEMIZER	ACT	02-50-364	500	2
TABLET	CALCM	25180-01	971	1
TABLET	CALCOM	25108-01	971	1
TABLET	CALCOM	25180	3,524	3
TABLET	CALCOM	25180-01	8,392	9
TABLET	SUMMA	MGII2436	2,969	1
TABLET	SUMMA	MGII3648	3,550	1
TABLET	SUMMA	MGIITB2436	3,245	1
TABLET	SUMMA	MM1201	1,430	4
TANK	APPLIED ENG	4000 GAL	7,225	4
TAPE BACKUP SYSTEM	CO. MEMORY	JUMBOTRAK25 0	429	1
TAPE REEL	LUFKIN	0C9300B	393	1
TAPE STEEL	LEITZ	2357-48	216	1
TAPEBACKUP	COMBMO	JT-20C	362	1
TAPEBACKUP	TECMAR	Q60H	2,850	2
TAPEBACKUP	TECMAR	QIC-60H	1,400	1
TELEPHONE	MOTOROLA	F09GTD8459	1,680	2
TELEPHONE	MOTOROLA	F09LF094	599	1
TEMP/HUMID SENSOR	DATLNX	230502/201	445	1
TENSIOMETR	SCNVLV	SSFSW/WO	2,778	1
TERMINAL P	ZETRON	DAPT1000	2,210	1
TEST PIT		NMN	4,496	1
TEST PIT	BFEDGJ	1	37,689	3
TEST PIT	BFEDGJ	2	37,689	3
TEST PIT	BFEDGJ	3	75,378	3
TEST PIT	BFEDGJ	B-1	14,963	1
TEST PIT	BFEDGJ	B-5	14,963	1
TEST PIT	BFEDGJ	BARRENPA	629	1
TEST PIT	BFEDGJ	BA/BB	34,345	1
TEST PIT	BFEDGJ	BL/BH	20,546	1
TEST PIT	BFEDGJ	BT/BK	20,546	1

Appendix A Government Furnished Equipment
Technical Assistance and Remediation

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
TEST PIT	BFECGJ	BU/BM	20,546	1
TEST PIT	BFECGJ	RSS NEUT	19.678	2
TEST PIT	BFECGJ	FNA1-A6	77.829	1
TEST PIT	BFECGJ	FNH20	87.757	1
TEST PIT	BFECGJ	GROGAMMA	43.154	8
TEST PIT	BFECGJ	KUT	80.256	4
TEST PIT	BFECGJ	KUT H20	48.602	1
TEST PIT	BFECGJ	MAGSUCEP	7,821	1
TEST PIT	BFECGJ	NMN	60.275	4
TEST PIT	BFECGJ	S 7HOLE	888	1
TEST PIT	BFECGJ	SPECPADS	4.107	1
TEST PIT	BFECGJ	THORIUM	2.197	1
TEST PIT	BFECGJ	UI	3.113	1
TEST PIT	CAIRNS	NMN	127.860	34
TEST PUMP	BFECGJ	NMN	12.575	1
THEODOLITE	ASAHI	PX-06D	7.174	1
THEODOLITE	K&E	TH-2	2.333	1
THEODOLITE	TOPCON	GTS-2B	7.445	1
THERMOCOUPLER GAUGE	NUCLID	TC-8	581	1
THERMOMETER	YELLOWSPRING	42SC	468	1
TIMER	WST BD	40032	1.250	1
TOOL KIT		188 PIECE	1.294	2
TOOL KIT	JENSEN	377Y500	345	1
TOOL KIT	MINE SAFETY	472813	785	1
TOTAL STA	LEITZ	SET2B	13.300	1
TOTAL STATION	LIETZ	6400-00	11.996	1
TOTAL STATION	SOKKIA	SET2BII	11.785	1
TRALER		5' X 10'	725	1
TRALER		NMN	245	1
TRALER	TAGALO	U58NLV	1.649	1
TRALER	TERRY	NMN	2.920	1
TRALERHSE	PLAMOR	2100	5.321	1
TRALEROFC	JTC	700279	7.655	1
TRAILRFLAT	GENENG	AP8	2.559	1
TRANSCRIBER	OLYMPS	T100	279	1
TRANSCRIBR	LANIER	P-127	470	1
TRANSCRIBR	SONY	M2000	265	1
TRANSDUCER		PXD-260	2.442	2
TRANSDUCER	INSITU	PXD-260	4.146	3
TRANSDUCER	SINCO	56442	4.134	6
TRANSIT	DIEZGN	6100	530	1
TRANSMITTER		IPT-1	18.800	1
TRANSMITTER	RADDET	RD400	1.180	1
TRANSMITTER	RADDET	RD400HPTX	1.318	1
TRANSMITTER	REDDET	TD400HPTX	1.318	1
TRIBRACH	LEITZ	7311-35	316	1
TRIBRACH	LIETZ	7311-35	316	1
TRIBRACH	SOKKIA	7311.35	425	1
TRIPOD	LEICA	WILD GST20	1.500	1
TRIPOD	SOKKIA	7512-52	470	2
TRIPOD	SOKKIA	PSWI751252	420	2
TRIPOD	SOKKIA	R7121	260	1
TRUCK LOG	CHEVY	CC6D042	72.087	1
TUBE GUIDE			275	1
TURB METER	HACH	2100P	895	1
TURBIDITY METER	HACH	16800	725	1
TV/VCR	QUASAR	VV2020	499	1
TWO WAY RADIO	MOTOROLA	P110 PLUS 2	2.667	6
TWO WAY RADIO	MOTOROLA	P110 PLUS 6	5.484	13
TYPEWRITER	IBM	10	930	2
TYPEWRITER	IBM	10	1,517	3
TYPEWRITER	IBM	15	577	1
TYPEWRITER	IBM	3	1,940	3
TYPEWRITER	IBM	3	676	1
TYPEWRITER	IBM	5	710	1
TYPEWRITER	IBM	SLECT II	1,494	2
TYPEWRITER	IBM	SLECT II	4,446	6
TYPEWRITER	IBM	SLECT II	10,179	14
TYPEWRITER	IBM	WHEELWRITR10	1,417	3
TYPEWRITER	IBM	WHEELWRITR10	952	2
TYPEWRITER	IBM	WHEELWRITR10	487	1
TYPEWRITER	IBM	WHEELWRITR15	1,174	2
TYPEWRITER	IBM	WHEELWRITR15	577	1
TYPEWRITER	IBM	WHLWRITER15	1,158	2
TYPEWRITER	IBM	WHLWRITER15	1,773	3
TYPEWRITER	XEROX	6020	1,500	1
TYPEWRITER	XEROX	6020	1,500	1
UNISLIDE	VELMEX	A6018K1-S6	512	1
UTILTRAILR	BIGJ	NMN	850	1
UTILTRAILR	YAMAHA	NMN	7,095	3
VAC HLDOWN	GAST	40-30-73	952	2
VACUUM	HAKO	X-100	2,100	2
VACUUM	PULMAN	90	497	1
VACUUM ION	VARIAN	921-0062	2,700	2
VACUUM ION	VARIAN	H2-044	1,040	1
VACUUM KIT	GAST	DOA-V191-AA	476	1
VACUUMPUMP	WELCH	1374	2,175	1
VCR	GE	9-7270	460	1
VCR	PANASONIC	AG1270P	277	1
VCR	ZENITH	VRF250	324	1
VCR/MONITR	PANASONIC	AG-513A	495	1

Appendix A Government Furnished Equipment
Technical Assistance and Remediation

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
VOLTMETER	WESCOR	HR-33T	1.695	1
VOLUMETER	RANHRT	216	655	1
WATER LEVEL PROBE	SINCO	51453	545	1
WEATHER MONITOR	WEATHER MNTR	7440	395	1
WEDGE	SYMBOL	K2080MS1200A	1.345	1
WEDGE	SYMBOL	K2080MX1200A	1.345	1
WEDGE	SYMBOL TECH	S2080MXI200A	1.077	1
WEDGE BAR	ZEBRA	1002	1.071	1
WEIGHT IND	RLWEGH	UMC2004	1.150	1
WELLSAMPLR	ISCO	2600	750	1
WHITE WOODEN BUILDING		10X12X11	0	1
WINCH	WARN	A1500CL	306	1
WIND SPEED CUP	DATLNX	220-300	400	1
WTR CONS	SOILMO	3005	2.019	1
WTR MONITR	YLW SPRINGS	3500	5.374	3
Z NOTE COMPUTER	ZENITH	ZWL 433521	4.093	1
Z-SELECT MICROCOMPUTER	ZENITH	ZEL-1348-KP	2.170	1

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
LAND CAMERA	POLOID	CU5	448	1
14" COLOR MONITOR	ZENITH	ZCM-1440-UT	405	1
16 GAL RECYCLE TRUCK	UNK	54051WJ	381	1
17" COLOR MONITOR	NANAO CORP	MA-1780-USM	1,419	1
3 PART RACK	IBM	9309	0	1
40 BIT PORT	INNOVENTIONS	SIMCHECK 40	750	1
9751 CBX PHONE SYSTEM	ROLM	50	0	1
9" ANGLE GRINDER	MILWAUKEE	6069	254	1
A A SPECTROMETER	PERKIN ELMER	FIMS-100	12,500	1
A A SPECTROPHOTOMETER	PERKIN	AA560	10,559	1
A CHAMBER	SUPO	NMN	5,881	1
AB MODULE	XERTEX	AD-2	2,879	1
AC POWER SUPPLY	CENGEO	NMN	500	1
AC PWR REG	TOPAZ	75102	649	1
AC VOL REG	SORNSN	ACR-2000	931	1
ACID/CORROS STRG CABINET	EAGLE	CRA-32	424	1
ACOUST SIM	QUEST	BA201	470	1
ACTIVE HUB	RAYCOM	3140	765	1
ACTIVE HUB	STDMIC	8	2,142	7
ACTIVE HUB	STDMIC	HUB-01	372	1
ACTIVE HUB	STDMIC	HUB-02	1,017	3
ADAPTER	ADAPTC	1742A/MIDTOW	503	1
ADAPTER	CBLTRN	CFOT-F1	1,463	2
ADAPTER	EG&G	PRNCBL1	450	1
ADAPTER	KIRCOM	PA02B6	262	1
ADAPTER	MOTOROLA	NTN-1043B	823	2
ADAPTER	SEGATE	ST41200NV	323	1
ADAPTER	XIRCOM	EE10BU	1,677	4
ADAPTER	XIRCOM	PA202B6	224	1
ADAPTER	ZENITH	ZWL325012	2,727	1
ADAPTER	ZIRCOM	EE10BU	389	1
ADC	CANBER	177OR (8076)	795	1
ADC	CANBERRA	1806A	1,500	1
ADC	CANBERRA	8075	1,450	1
ADC	CANBERRA	8076	13,002	8
ADC 200MHZ	TRACOR	TN17104	4,758	3
AEROSOL MONITOR	MIE	PDM-3	4,460	2
AGITATOR	ATC	3M1373	3,525	3
AGITATOR	DAYTON	NMN	3,525	3
AIR CLEANER	BOSTON HUNT	HUN-25820	215	1
AIR CLEANR		MAC-21	7,390	2
AIR CLEANR	AUTFLO	5H536	231	1
AIR CLEANR	ENVIRA	13503EV35B	220	1
AIR CLEANR	HNYWEL	F5700	1,090	1
AIR COMPRESSOR	BOSTITCH	CWC100	320	1
AIR COMPRESSOR	DAYTON	2Z944-B	242	1
AIR COMPRESSOR	GAST	DAA-P103-EB	254	1
AIR COMPRESSOR	INGRSL	T3010120H	2,712	1
AIR COMPRESSOR	JOHNSON CONT	A-40-14	3,237	1
AIR COMPRESSOR	SPEEDAIRE	32922B 1	0	1
AIR CONDITIONER	LIEBRT	CU45A	15,626	2
AIR CONDITIONER	TRANE	2-27	78,325	1
AIR CURTAIN	VIRGINIA KMP	AC3600-1150	1,635	3
AIR CYLINDER	MSA	5-447-1	870	3
AIR DRIER	TESTO	HF300A	759	1
AIR FILTRA	CONTRL	SILVR 2000-2	894	1
AIR PUMP	ALPNUC	V112-EB	500	1
AIR PUMP	AMETEC	GN-8P	2,880	3
AIR PUMP	SHAMRK	GN-8	960	1
AIR S PUMP	F&J	HV1SHT	875	1
AIR SAMPLER	DUPONT	GN-8P	997	1
AIR SAMPLER	F & J	LV-1	575	1
AIR SAMPLER	F&J	LV-1	7,425	14
AIR SAMPLER	F&J SP	LV-1	1,725	3
AIR SAMPLER	SAIC	H-809VII	713	1
AIR SAMPLER	SAIC	H809VII	713	1
AIR SAMPLER	SAIC	H-81	1,130	1
AIR SAMPLER	SAIC	H-810	4,520	4
AIR SAMPLER	SAOC	H-810	1,130	1
AIR SAMPLER	SKC/GAST	228-501	690	2
AIR SAMPLER W/SAMPLE PUMP	GASTECH	GX-91B	4,300	2
AIR SAMPLR	AIRSYS	HV108-5	3,200	2
AIR SAMPLR	ANDERS	NMN	1,850	1
AIR SAMPLR	F&H	LV-1	525	1
AIR SAMPLR	F&J	HV-BG	2,600	2
AIR SAMPLR	F&J	LV-1	26,475	50
AIR SAMPLR	MSA	FLOWLITE	368	1
AIR SAMPLR	SAIC	H-809VI	650	1
AIR SAMPLR	SAIC	H-809VII	650	1
AIR SAMPLR	SAIC	HD-29A	5,720	4
AIR SAMPLR	SINCO	224-PCXR7	1,250	2
AIR SAMPLR	STAPLX	LV-1	565	1
AIR SAMPLR	STAPLX	VM-3	1,600	2
AIR S.PUMP	APBUCK	HIGH FLOW	1,490	1
AIR VELOCITY METER	TSI	8360	1,250	1
AIRA CYLINDER	MSA	5-447-1	290	1
AIRCOMPRSR	DAYTON	333558	242	1
AIRCOMPRSR	GAST	NMN	1,025	1
AIRCOMPRSR	INGRSL	242-5N	540	1
AIRCOMPRSR	PACSCI	3HB19M32	500	1

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
AIRCYLINDR	MSA	5-447-1	1.160	4
AIRPURIFAC	BALSTN	75-50	2.467	1
AIRSAMPUMP	MSA	92813	250	1
AIS LENS	NIKON	300/4.5	500	1
ALARMSYS	NEPCO	ALERT-850	1.286	1
ALPHA DETECTOR	EBERLINE	LRADCC	17.000	1
ALPHA DETECTOR	LUDLUM	43-10-1	545	1
ALPHA DETECTOR	LUDLUM	43-5	375	1
ALPHAALARM	MERLG	APM01	2.000	1
ALPHAALARM	MERLIN	APMQ1	4.000	1
ALPHAMETER	ALPNUC	S	1.134	2
ALPHA/BETA COUNTER	GAMMA PROD	G 5020/50	24.502	1
ALPHDETECT	LUDLUM	43-10	6.485	11
ALPHDETECT	LUDLUM	43-10-1	3.175	5
ALPHDETECT	LUDLUM	43-5	2.250	6
ALPHDETECT	LUDLUM	43-9	3.495	9
ALTERNATOR	GENRAC	5972-0	3.000	2
ALTERNATOR	GENRAC	5972-0	1.500	1
ALTIMETER	AMERPA	T-10	250	1
AMMETER	GE	8AK1AAA1	423	1
AMP	CANBERRA	2011	535	1
AMP AGC	HARSHAW	NA-22	11.653	12
AMP BIAS	ORTEC	444	856	1
AMP DDL	CANBERRA	1411A	1.930	3
AMP DELAY	CANBERRA	1457	748	2
AMP DELAY	ORTEC	427A	1.125	3
AMP DELAY	ORTEC	460	3.621	7
AMP DELAY	TENLEC	TC215	1.488	3
AMP LINEAR	ELSINT	CAB-N-1	585	1
AMP LINEAR	HEWLETT PACK	5582A	2.006	4
AMP LINEAR	TENLEC	TC202BLR	493	1
AMP LINEAR	TENLEC	TC203BLR	585	1
AMP LINEAR	TENLEC	TC205A	1.111	1
AMP PLUGIN	TEKTRONIX	7A16A	509	1
AMP PLUGIN	TEKTRONIX	7A16A	509	1
AMP PREAMP	TRACOR	TN17101	211	1
AMPDUALTRC	TEKTRONIX	7A26	2.226	1
AMPDUALTRC	TEKTRONIX	7A18	2.358	3
AMPDUALTRC	TEKTRONIX	7A26	5.678	3
AMPLIFIER	CANBERRA	1411A	1.130	1
AMPLIFIER	CANBERRA	2020	5.825	5
AMPLIFIER	EV PRODUCTS	EV580 PROTO	795	1
AMPLIFIER	HNYWEL	117-16	1.212	1
AMPLIFIER	ORTEC	450	4.139	4
AMPLIFIER	ORTEC	571	795	1
AMPLIFIER	ORTEC	572	1.862	2

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
AMPLIFIER	STNRES	SR-560	3.790	2
AMPLIFIER	TEKTRONIX	7A19	6.890	2
AMPLIFIER	TENLEC	TC240	3.635	9
AMPLIFIER	TENLEC	TC244	1.650	1
AMPLINPULS	CANBER	1411	5.000	1
AMPLINPULS	CANBERRA	1411	1.140	2
AMPTIMEBAS	TEKTRONIX	7B70	547	1
AMPTIMFILT	ORTEC	454-	438	1
ANAL LOGIC	PHILIP	PM3500	8.995	1
ANALOG-DIGITAL CONVERTER			0	1
ANALOG-DIGITAL CONVERTER	TRACOR	TN17104	11.260	5
ANALOG-DIGITAL CONVERTER	TRACOR NORTH	TN1710-2	1.107	1
ANALYS SYS		PIAS 400	10.323	1
ANALYTICAL BALANCE	VWR SCIENTIF	SB16001DR	1.519	1
ANALYZER		2750/LL	27.838	1
ANALYZER	HNYWEL	A7001A	1.343	1
ANALYZER	QUEST	1800	4.108	1
ANALYZER & ASSEMBLY	NUCLID	NMN	49.909	1
ANALYZMERC	JEROME	511	4.128	1
ANCILLIARY MODULE	SMPLEC	CME	4.960	1
ANEMOMETER	PACER	DA4000	607	1
ANEMOMETER	YOUNG	18312	685	1
ANEMOPROBE	SOLOMT	127MS	271	1
ANLYZR AIR	PHTVAC	TIPI	3.250	1
ANLYZR AIR	PHTVAC	TIPI	3.250	1
ANLYZR ASY	PERKIN	B0105445	2.340	1
ANLYZRCOIN	TENLEC	TC 404A	475	1
ANLYZRCOIN	TENLEC	TC404A	460	1
ANLYZRVAPR	HNUSYS	PI101	4.245	1
ANLYZSOUND	MINEAR	500A	334	1
ANT FARM	SSD		200	1
ANTENNA	DECIBEL PROD	TDD6492A-B	376	1
ANTENNA	GSSI	FGMOD3100	4.800	1
ANTENNA	ZONGE ENG	TEM/3	1.841	1
APRATUS CC	COLMET	5030	2.290	1
APRATUS TC	COLMET	5020	3.630	1
ARBORPRESS	SPRNGV	10TON	612	1
ATS CONTRO	CDC	FA-450-A	41.665	1
AUDIO AMP	CRUTCF	187CR2X50P	219	1
AUDIOMETER	MAICOS	800	3.141	1
AUDIOVIEW	KODAK	450--	334	1
AUTO PROGRAM MODULE		TN1710-7	500	1
AUTO PROGRAMMER	TRACOR	1710-7	500	1
AUTO SAMPLER	PERKIN ELMER	AS-90	5.550	1
AUTOCLAVE	NAPCO	9000 D	1.456	1

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
AUTOINTPIC	HARSHAW	2000B	1.000	1
AUTOPLOTTR	JDL	P	3.493	1
AUTOSAMPLR	DIONEX	41810	4.511	1
AUTOSAMPLR	DYNA	GC-411V	12.638	2
AUTOSAMPLR	MILLIPORE	717 PLUS	11.188	1
AUTOSAMPLR	P-ELME	BO19-1084	4.840	1
AUTOSAMPLR	PERKIN	AS-60	6.890	1
AUTOSAMPLR	PERKIN	AS90	5.115	1
AUTOSAMPLR	TEKMAR	14-2962	8.114	1
AUTOSAMPLR	VARIAN	8035	8.554	1
A. BALANCE	METTLR	AE100	1.996	1
BACKHOE	CASE	480C	18.591	1
BACKUP UNT	DILOG	STDOTT1	5.798	2
BAG HOUSE	WHEELA	NMN	7.029	1
BALANCE	AINSWR	TCX	2.000	1
BALANCE	A&D	ER-182A	2.397	1
BALANCE	A&D	FX3200	1.165	1
BALANCE	DENVER	XD-4KD	1.285	1
BALANCE	METLER	A30	3.575	1
BALANCE	METLER	AT201	4.843	1
BALANCE	METLER	B6	1.047	1
BALANCE	METLER	PE 360	1.159	1
BALANCE	METLER	PE16	1.545	1
BALANCE	METLER	PM200	1.506	1
BALANCE	METLER	PM-400	2.150	1
BALANCE	METLER	PM-600	1.529	1
BALANCE	METLER	PM6000	1.560	1
BALANCE	OHAUS	E400I	795	1
BALANCE	OHAUS	NMN	297	1
BALANCE	OHAUS CORP	TS400D	950	1
BALANCE	PRECSN	311	2.000	1
BALANCE	SARTOR	3704	2.785	1
BALANCE	SARTOR	3862MP6	1.820	1
BALANCE	SARTOR	R160D	2.774	1
BALANCE	SARTOR	U4800P+	1.860	1
BALANCE	SAUTER	K1200	3.372	2
BALANCE	SBKO	PN-92418	2.000	1
BALANCE	SRTORS	BA3100P	996	1
BALANCE	SRTORS	LC34000P	2.830	1
BALANCE TL	ARBOR	5005	2.203	1
BAND SAW	LENOX	HVBS-7M	965	1
BANDSAW	JET	VBS-500	2.071	1
BANDSAW	MILWAU	6230	307	1
BANDSAW	ROCKWL	20-916	1.202	1
BARCODE MANAGER	INTERM	9560	1.595	1
BARCODE READER	SYMBOL TECH	LS3020-I00AG	5.699	8
BARCODE SCANNER	MARS	MEQ300	5.470	2
BARCODE SCANNER	MARS	MEQ530SUN	4.790	2
BARCODE SCANNER	MARS	NMN	5.422	2
BAROMETER	PRINCO	453-XB1	780	1
BASE STATION	GE	MASTR II	4.463	1
BASE STATN	GE	DI66KAU5	3.201	1
BASE UNIT	3COM	3C588	2.984	4
BASE UNIT	ETHRNT	3C588	1.596	2
BASEMOUNT	MCKAY	NMN	3.896	1
BASE/CONTROL RADIO	MOTOROLA	L54SUN70DC5	2.030	1
BASIC UNIT	SENCORE	CM2125	3.260	1
BAT CHARGR	MSA	471600	468	1
BATATERY CHARGER	MSA	471600	495	1
BATCH MIXER	LIGHTIN	123854	599	1
BATH	LNGYER	HBJ-151	2.355	1
BATH WATER	BLUEM	MW1120A1	1.234	1
BATH WATER	PRECSN	181	442	1
BATH WATER	PRESCI	186	980	1
BATTERY CHARGER	ALPNUC	552*	600	3
BATTERY CHARGER	DAYTON	2Z378D	212	1
BATTERY CHARGER	MSA	47-1600	383	1
BATTERY CHARGER	MSA	471600	1.882	4
BATTERY PACK W/CHARGER	FCA	CPS04	200	1
BATTERY PK	HARSHAW	RPU	430	2
BATTERY W/CHARGER	ZONGE ENG	NTEM-BAT	1.662	1
BC SCANNER	INTRMC	556OA	1.080	1
BC SCANNER	INTRMC	955CA	7.557	7
BERNOULLI MULTIISK	OMEGA CORP	TRANSPORT 150	549	1
BEVELER	HERMES	B-4	300	1
BIAS SPLY	ORTEC	459	536	1
BIAS SPLY	TENLEC	TC950	536	1
BIND THERM	GENBIN	T320	1.089	1
BINDER	GBC	110EB	1.571	1
BINDER	THESCO	NMN	1.390	1
BINDING MACHINE	GEBCO		0	1
BINOCULARS	MINOLTA	WEATHERMATIC	300	1
BINOCULARS	MINOLTA	WEATHERMATIC	300	1
BLENDER	HAMBCH	665-3	1.810	1
BLENDER	PATKEL	CS-8	3.620	2
BLENDER	PATKEL	CS-8S	3.870	2
BLENDER	PATKEL	NMN	13.138	5
BLENDER	PATKEL	SB-S4	872	1
BLENDER	PATKEL	YB-8	392	1
BLOWR DOOR	MINNLO	NMN	10.000	1
BOARD COPY	CASIO	CP-1000	796	1

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
BOILER	BABCOCK	WY	56.342	1
BOILER	CSE	T300PFCG	95.500	1
BOTTOM TOOL CHEST		55025	353	1
BREATH APP	MINE S	ULTRALIGHTII	3.312	2
BREATH APPARATUS	MSA	401*	1.360	2
BREATH APR	MSA	401*	1.360	2
BREATH APR	MSA	484955	1.380	7
BUFFER	ACT	02-03-101	539	2
BUFFER	MBIP	XMBIP	200	1
BULLDOZER	CATERPILLAR	D-6	11.359	1
BUN WARMER	TOSTMS	205	300	1
BURNER CONTROL	PERKIN	NMN	5.000	1
C CHAMBER	GJPO	NMN	22.323	1
CABINET	AMCO	500PDM281	333	1
CABINET	EAGLE	COROSIVE STR	894	1
CABINET	FIRKNG	F-K-4-38CPA	3.150	2
CABINET	JSTRT	25040	230	1
CABINET	JSTRT	25710	356	1
CABINET	NUAIRE	NU-119-400	5.475	1
CABINET	ORTEC	LX800	3.760	1
CABLE	EG&G		600	2
CABLE	MARK		5.050	7
CABLE	MARK	NMN	1.150	1
CABLE	MOTOROLA	RTK-4023B	214	1
CABLE ON REEL	MARK		1.550	2
CABLE REEL	AERMTV	358A	526	1
CABLE TESTER	INDEPNT TECH	TEST ALL IV	255	1
CABLETESTR	TEKTRONIX	1503	3.136	1
CABNET FAN	TRANE	T3	2.100	2
CABNET FAN	TRANE	T3	2.100	2
CALCULATOR	HEWLETT PACK	HP-11C	204	1
CALCULATOR	HEWLETT PACK	HP-1912S	585	1
CALCULATOR	HEWLETT PACK	HP-25C	200	1
CALCULATOR	HEWLETT PACK	HP-41C	702	2
CALCULATOR	HEWLETT PACK	HP-41CV	230	1
CALCULATOR	HEWLETT PACK	HP-41CX	1.298	5
CALCULATOR	HEWLETT PACK	HP41CX	478	2
CALCULATOR	HEWLETT PACK	HP48SX	300	1
CALCULATOR	HEWLETT PACK	HP-55	420	1
CALCULATOR	HEWLETT PACK	HP-67	1.687	5
CALCULATOR	HEWLETT PACK	HP-97	5.403	9
CALCULATOR	MONROE	1430	366	1
CALCULATOR	SHARP	CS-2051	464	2
CALCULATOR	SHARP	CS-2780	465	2
CALCULATOR	SHARP	CS2780	448	2
CALCULATOR	SHARP	CS-4163	284	1

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
CALCULATOR	TI	SR-52	348	1
CALCULATOR	TI	TI-59	1.354	4
CALIB FIX	BFEDGJ	NMN	7.300	1
CALIB KIT	JONSON	JC-5383	540	1
CALIB STND	PYLON	1025	410	1
CALIB STND	PYLON	1150	410	1
CALIBRATOR		TN1710-8	425	1
CALIBRATOR	F&J	C-812	500	1
CALIBRATOR	F&J	C-814	500	1
CALIBRATOR	F&J	MJ1011	800	1
CALIBRATOR	GILIAN	800275	1.596	1
CALIBRATOR	GILIAN	800275	11.872	7
CALIBRATOR	GILIAN	D-800270	846	1
CALIBRATOR	GILIAN	D-800272	1.488	2
CALIBRATOR	RRL	829M	6.532	1
CALIBRATOR	TRACOR	TN1710-8	330	1
CALIBRATOR	TRACOR	TN17108	4.725	8
CALIBRATOR FOR SL METER	QUEST	QC-10 CALIB	825	1
CALIBRTR-H	GILIAN	D-800270	1.692	2
CALIBRTR-L	GILIAN	D-800272	744	1
CALIBRTRST	GILIAN	800271	761	1
CALSLAB TH	BFEDGJ	TH	2.426	1
CALSLAB TH	BFEDGJ	TL	2.426	1
CAMCORDER	CANON	A1-MARK II	1.849	1
CAMCORDER	PANASONIC	AG-170	1.850	1
CAMCORDER	RCA	CC275	2.000	1
CAMCORDER	SONY	CCD-TR101	0	1
CAMCORDER	SONY	CCD-TR4	800	1
CAMCORDER	SONY	CCD-V5000	1.990	1
CAMERA	ASAHI	K2	340	1
CAMERA	AVANT	QUAD 4A	895	1
CAMERA	BRNICA	GS-1	790	1
CAMERA	CANNON	RC250	956	1
CAMERA	CANON	38CX	326	1
CAMERA	HONEYWELL	ESI	667	1
CAMERA	HONEYWELL	SPOTMATIC88 0	338	1
CAMERA	MINOLTA	DAR2800	13.268	1
CAMERA	NIKON	FM	1.506	2
CAMERA	NIKON	FM-2	449	1
CAMERA	NIKON	N8008S	630	1
CAMERA	NIKON	NIKKORMAT	479	1
CAMERA	PHOTOM	NMN	799	1
CAMERA	PLROID	MP3XL	982	1
CAMERA	PLROID	SPECTRA	216	1
CAMERA	POLAROID	2326	456	1
CAMERA	POLAROID	SLR680	219	1

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
CAMERA	POLAROID	SLR680SE	225	1
CAMERA	ROBERT	432	5.044	1
CAMERA	ROBTSN	44-4872	43.539	1
CAMERA CCD	COHU	48155100	1.080	1
CAMERA OSC	TEKTRONIX	C-30	885	1
CAMERABODY	CANON	AE-1	237	1
CAMERABODY	CANON	AE-1	259	1
CAMERAOUTF	WILDHB	MPS11	1.020	1
CAMERAQUAD	AVANT	104	510	1
CAMERAXRAY	BLAKE	UB	1.385	1
CAMERA/BACK/LENS	PALARD	500C	1.040	1
CAMPER SHELL	MAGIC TOPPER	FLAIR	0	1
CAN OPENER	EDLUND	#201	262	1
CAN SEALING MACHINE	WISALM	225	307	1
CANSEALMAC	ELLISC	V10A	2.701	2
CANSEALMAC	WISALM	225	296	1
CAPNGSTATN	CBM	NMN	1.700	1
CAR WASHER	HOTSY	981A	2.157	1
CARRY CASE	EG&G	ES-2401	700	1
CART	E-Z-GO	CI-500	4.409	1
CART	E-Z-GO	XI-500	13.226	3
CART	E-Z-GO	XI-875	18.564	3
CART	E-Z-GO/TXTRN	XI-500	3.397	1
CART	TAB	NMN	525	1
CART	TIPKE	5513	209	1
CART ELEC	E-Z-GO	XT-500	4.575	1
CART ELEC	EZGO	XT500	4.386	1
CART ELEC	TAYLOR	F 3-80	5.077	1
CART LAB	-	NMN	1.212	6
CART LAB	EQUIPT	NMN	1.212	6
CART LAB	LABCON	80200	606	3
CARTMONITR	LUDLUM	239-1F	2.207	1
CASE		NMN	300	1
CASE	HARDNG	3124160227 02	1.189	1
CASE	PYLON	RN-107	2.125	5
CASSETTE		C30-1	385	1
CD DRIVE	NEC	CDR-74-1	550	1
CD ROM DRIVE	MICRO DESIGN	SE6CDL4	1.173	1
CD ROM DRIVE	MICRO DESIGN	SE6CDL4	2.346	2
CD ROM DRIVE	MICRO DESIGN	SE6CDX	500	1
CD-ROM	TSHIBA	TXM3401E10 0	583	1
CD-ROM DRIVE	MICRO DESIGN	600CDX	581	1
CD-ROM DRV	SONY	CDU6205-10	258	1
CD-ROM RDR	HTACHI	NMN	1.908	1
CDROMDRIVE	MCRODS	LASERBANK60 0	481	1
CDROMDRIVE	MCRODS	LSRBNK 600CD	481	1
CDROMPLAYR	SONY	CDU6205-10	258	1
CELLULAR PHONE	JOHNSN	8870	1.250	1
CELLULAR PHONE	MOTOROLA	F09HRD8333 AG	500	1
CEMENT MIX	ESSICK	65CM	2.115	1
CEMENT MIXER	HOBART	N50	2.335	1
CENTRIFUGE	BECKMAN	GS-6K	9.418	1
CENTRIFUGE	DAMON	UV	3.656	2
CENTRIFUGE	IEC	K	6.750	1
CENTRIFUGE	LEC	2K	2.663	1
CENTRIFUGE	PRECSN	57310	2.748	1
CHAMBER	EDA	RDT-308	2.310	7
CHAMBERION	EBERLINE	RO-2	3.686	4
CHAMBERION	EBERLINE	RO-2	893	1
CHANNEL SPLITTER	TYLINK	ONS42004P5 P5	1.600	1
CHARGER		NMN	295	1
CHARGER	AMETEK	3C588	230	1
CHARGER	BENDIX	LAA0375A	300	1
CHARGER	E-Z-GO	20484	306	1
CHARGER	GILIAN	BMS-200	475	1
CHARGER	GILLAN	BMS200	450	1
CHARGER	GILLIAN	BMS200	0	1
CHARGER	HNUSYS	60AC100013 A1	720	2
CHARGER	MOTOROLA	HTN9748	466	1
CHARGER	MOTOROLA	NMN	295	1
CHARGER	MOTOROLA	NTN-4796A	512	1
CHARGER	MSA	471600	468	1
CHARGER	SINCO	224-32SCR	302	1
CHARGER	SKC	223-410	251	1
CHARGER/SUN	BENDIX	LAA 0380	249	1
CHARGR BAT	ACME	BC80475-A	201	1
CHARGR BAT	MSA	456690	761	1
CHARGR BAT	MSA	471600	446	1
CHARGR BAT	MSA	NMN	892	2
CHARGR BAT	MT SOPRIS	BC1074	446	1
CHARGR BAT	WARDS	61-16403	446	1
CHART RECORDER	E&K	655P	4.988	10
CHART RECORDER	HEWLETT PACK	7155B	6.260	3
CHART RECORDER	RIGAKU	R1302H11	3.050	1
CHASSIS	ATTECH	AF3SCIDKT	985	1
CHEST ICE	POLFOM	301-	390	1
CHILLER	FTS	RS33A00	1.975	1
CHILLER	NESLAB	3491040402 00	1.500	1
CHIPTESTER	SERVIC	1000	695	1
CHOPPER	HOBART	4612	1.795	1

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
CHRMGRAPHY	NEC	PM386/25	4,799	1
CHROMATOGR	ABC	AUTOPREP1000	23,999	1
CHROMGRAPH	ANALYT	601 GPC	35,750	1
CHROMGRAPH	DIONEX	4040	35,150	1
CHROMGRAPH	DIONEX	4040I	17,515	1
CHROMGRAPH	EXTREL	3400	10,998	1
CHROMGRAPH	HEWLETT PACK	HP-5995	110,815	1
CHROMGRAPH	TRACOR	540	19,370	1
CHROMGRAPH	VARIAN	3400	31,206	2
CHROMGRAPH	VARIAN	3700	5,301	1
CHROMO SYS	EPSON	EQUITY1+	2,129	1
CIR BATH	BRNKMN	RMT20	2,700	1
CIRC BATH	BRNKMN	ULT600	3,225	1
CIRC COOLR	NESLAB	CFT-25	1,505	1
CIRCTTRACR	SCOTCH	TK3A	453	1
CIRCU BATH	HAAKE	N4-B	3,770	1
CIRCUIT SETTER	B&G	831BG	601	1
CIRCULAR RECORDER	OMEGA	CT-1300A	1,795	1
CIRCULATOR	FSHER	9100	1,674	1
CLASSIFIER	TSI	3071	20,970	1
CLEANER	BARK	ULTRASON	565	1
CLEANER	FSHER	PS-14-11	380	1
CLOCK SYN	KINMET	OM-CD	2,400	1
CLOCK SYN	KINMET	OM-DC	2,400	1
CLOUDCHMBR	LEYBLD	559-65	1,979	1
CNDNSATN PARTICLE COUNTER	TSI	3022	17,500	1
CNDSNG UNT	GRANGR	MHAMCTOJ6SA	862	1
CNTR AL/BE	CANBER	2404	23,489	1
COATER	DENTON	DV515SEM	5,523	1
COD REACTOR	HACH	45600.00	495	1
COLLAPSE-A-TAINER	NEW PIG	PAK-319	1,399	1
COLLECTOR	GILSON	FC203B	1,377	1
COMMUNICATION SERVER	CUBIX CORP	ERS-FAULTTL	11,084	1
COMP TO VIDEO CONVERTER	ADDA TECH	AVERKEY 3-PC	399	1
COMPRESSOR	CAMPBL	MT5012	206	1
COMPRESSOR	CHAMPI	0EH418	5,000	1
COMPRESSOR	DAYTON	1233-98	650	1
COMPRESSOR	DAYTON	3N220	501	1
COMPRESSOR	GAST	DOA0102AA	202	1
COMPRESSOR	GAST	DOA-P109-FB	219	1
COMPRESSOR	HNYWEL	M322	650	1
COMPRESSOR	ISCO	3600	2,761	1
COMPRESSOR	JOY	G0100QP	5,186	1
COMPRESSOR	SANBRN	112A30030	520	1
COMPRESSR	GRANGR	3Z180	770	1

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
COMPULOG	CENGEO	NMN	2,500	1
COMPUTER			1,478	1
COMPUTER		COMDIAL	0	1
COMPUTER		PENTIUM 90	0	1
COMPUTER		VECTRA	10,930	1
COMPUTER	3COM	3C588-12TP	995	1
COMPUTER	APPLE	M3078LL\A	3,384	1
COMPUTER	APPLE	MAC PLUS	1,583	1
COMPUTER	COMPAQ	40	4,619	1
COMPUTER	DIGITAL	8PLN/3DDDPM	6,952	1
COMPUTER	DIGITAL EQP	11/44	43,960	1
COMPUTER	DIGITAL EQP	PE4DA-CC	10,796	1
COMPUTER	DIGITL	PC743-W4	2,099	1
COMPUTER	EASY	ED325HI	3,762	1
COMPUTER	ELAB	386SX	6,600	3
COMPUTER	ELAB	386/16	1,200	1
COMPUTER	ELAB	ELAB	2,200	1
COMPUTER	ELAB	Z241	2,200	1
COMPUTER	ELAB	ZUG386-16	3,750	3
COMPUTER	ELAB	ZUS248	1,000	1
COMPUTER	ELAB	ZUS-286	2,200	1
COMPUTER	ELAB	ZUS3865X	1,000	1
COMPUTER	ELAB	ZUS386-SX	1,000	1
COMPUTER	ELAB	ZUS386SX	1,000	1
COMPUTER	EPSON	HX-20	690	1
COMPUTER	EVEREX	DESIGNOTE 2	3,340	1
COMPUTER	GATEWAY 2000	486DX266LB	3,060	1
COMPUTER	GATEWAY 2000	4DX2-66	1,974	1
COMPUTER	GATEWAY 2000	4DX2-66E	3,895	1
COMPUTER	GATEWAY 2000	4DX-33	1,590	1
COMPUTER	GATEWAY 2000	4DX-66	1,974	1
COMPUTER	GATEWAY 2000	CB4DX475	4,495	1
COMPUTER	GATEWAY 2000	P4D-66	40,777	17
COMPUTER	GATEWAY 2000	P4D-66	11,691	5
COMPUTER	GATEWAY 2000	P5-90	6,040	2
COMPUTER	GATEWAY 2000	P5-90	10,873	3
COMPUTER	GATEWAY 2000	PD4-66	12,733	5
COMPUTER	GATEWY	LP486I25SX	2,000	2
COMPUTER	HEWLETT PACK	HP-5340A	12,374	1
COMPUTER	HEWLETT PACK	HP-71B	469	1
COMPUTER	HEWLETT PACK	HP85B	8,525	2
COMPUTER	HEWLETT PACK	HP9825T	5,160	1
COMPUTER	IBM	5170	31,020	4
COMPUTER	IBM	70	2,972	1
COMPUTER	IBM	77	12,500	1
COMPUTER	IBM	8570-121	4,065	1

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
COMPUTER	IBM	9570/70	4.065	1
COMPUTER	IBM	9370	37.040	1
COMPUTER	IBM	PS/2	3.289	1
COMPUTER	INSIGHT	N1716014	8.324	1
COMPUTER	KOMTRN	IPL386SX	4.995	1
COMPUTER	MAXTOR	PO-12S	2.928	1
COMPUTER	MITAC	486DX266	2.148	1
COMPUTER	MKTTCH	MT-SPECIAL	1.100	4
COMPUTER	NEC	APCIV	2.695	1
COMPUTER	NEC	WA2270249 01	12.620	1
COMPUTER	NICOLT	PS/2-50Z	5.200	1
COMPUTER	NRTHGT	4C6338	3.477	1
COMPUTER	OMNIDATA	286-24HC1007	3.192	1
COMPUTER	PACKARD	486SX	0	1
COMPUTER	PERKIN	7500	6.815	1
COMPUTER	PERKIN ELMER		0	1
COMPUTER	POQUET	PQ0164	2.900	2
COMPUTER	RADSHK	TRS80100	499	1
COMPUTER	ROCKWL	AIM65	1.165	1
COMPUTER	SEGATE	ST41200NV	1.760	1
COMPUTER	STARWEST	386/33	21.844	20
COMPUTER	STARWEST	486DX	7.477	4
COMPUTER	STARWEST	486DX/33	1.551	1
COMPUTER	STARWEST	486DX/50	5.927	3
COMPUTER	STARWEST	486DX/66LB	2.211	1
COMPUTER	STARWEST	486/33	92.675	45
COMPUTER	STARWEST	486/33DX	5.276	3
COMPUTER	STARWEST	486/50	17.361	7
COMPUTER	STARWEST	486/50DX	14.766	6
COMPUTER	STARWEST	486/66	2.859	1
COMPUTER	STARWEST	486/66DX	5.012	2
COMPUTER	STARWEST	486/66DX2	39.203	14
COMPUTER	STARWEST	486/66DX2	7.817	3
COMPUTER	STARWEST	486/DX	8.627	4
COMPUTER	STARWEST	486/DX	27.273	12
COMPUTER	STARWEST	486/DX33	1.975	1
COMPUTER	STARWEST	486/DX66	4.506	2
COMPUTER	STARWEST	486/DX/33	2.120	1
COMPUTER	STARWEST	486/DX/66	5.948	2
COMPUTER	STARWEST	496/33	2.470	1
COMPUTER	STARWEST	TZ81BQ2	8.155	5
COMPUTER	STARWEST	TZ81BQ2	2.848	2
COMPUTER	STARWST	486DX/50	3.134	1
COMPUTER	STARWT	486DX	1.869	1
COMPUTER	STATWS	386/33	922	1
COMPUTER	TENLEC	3B510020801	29.800	1
COMPUTER	TI	10019	21.101	1
COMPUTER	TOSHIBA	T4400SXC	4.850	1
COMPUTER	TOUCHE	386/331	3.848	1
COMPUTER	ZENITH	ZS50DE-1	3.298	1
COMPUTER	ZENITH	320LMD60	2.125	1
COMPUTER	ZENITH	386-33	4.724	1
COMPUTER	ZENITH	40	3.631	1
COMPUTER	ZENITH	60ZWL-32006	5.364	2
COMPUTER	ZENITH	70	3.104	1
COMPUTER	ZENITH	7WL360-6	2.659	1
COMPUTER	ZENITH	A386/20-70	3.590	1
COMPUTER	ZENITH	A9386/20	1.990	1
COMPUTER	ZENITH	3113085900 1	3.340	1
COMPUTER	ZENITH	KJL4231KP	3.544	3
COMPUTER	ZENITH	KXS-4921-KW	2.115	1
COMPUTER	ZENITH	KXS4921KW	9.345	3
COMPUTER	ZENITH	SJL1645KP	2.430	1
COMPUTER	ZENITH	SJL-4231-KP	1.198	1
COMPUTER	ZENITH	SJL4231KP	3.594	3
COMPUTER	ZENITH	SJL4231KP	1.198	1
COMPUTER	ZENITH	SS286/20	4.952	2
COMPUTER	ZENITH	SWL-325-8	2.516	1
COMPUTER	ZENITH	TS80386E	4.724	1
COMPUTER	ZENITH	Z159/3	1.365	1
COMPUTER	ZENITH	Z248/12-40	12.592	6
COMPUTER	ZENITH	Z286	12.934	7
COMPUTER	ZENITH	Z286E/20	3.244	1
COMPUTER	ZENITH	Z286E/30	3.244	1
COMPUTER	ZENITH	Z286E/41	3.959	1
COMPUTER	ZENITH	Z386-1	7.064	3
COMPUTER	ZENITH	Z-386-20	3.590	1
COMPUTER	ZENITH	Z386-20	2.660	1
COMPUTER	ZENITH	Z386-20/40	3.338	1
COMPUTER	ZENITH	Z386-20/40	5.816	2
COMPUTER	ZENITH	Z386-20/70	6.676	2
COMPUTER	ZENITH	Z386-25	3.590	1
COMPUTER	ZENITH	Z386-30/70	3.338	1
COMPUTER	ZENITH	Z-386-33	14.172	3
COMPUTER	ZENITH	Z-386-33MOD1	4.724	1
COMPUTER	ZENITH	Z386-40	150.492	42
COMPUTER	ZENITH	Z386-40	19.367	5
COMPUTER	ZENITH	Z386-80	12.272	1
COMPUTER	ZENITH	Z386/100	3.890	1
COMPUTER	ZENITH	Z-386/20	3.980	2
COMPUTER	ZENITH	Z386/20	5.946	3

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
COMPUTER	ZENITH	Z386/20	1.491	4
COMPUTER	ZENITH	Z386/20-40	3.815	1
COMPUTER	ZENITH	Z-386/20-70	7.180	2
COMPUTER	ZENITH	Z386/20-70	14.040	5
COMPUTER	ZENITH	Z386/20/70	3.590	1
COMPUTER	ZENITH	Z-386/25	3.104	1
COMPUTER	ZENITH	Z-386/25	5.983	2
COMPUTER	ZENITH	Z386/25	3.104	1
COMPUTER	ZENITH	Z386/25-1	3.860	1
COMPUTER	ZENITH	Z386/25-1	4.463	1
COMPUTER	ZENITH	Z-386/25-70	3.413	1
COMPUTER	ZENITH	Z386/25-70	4.724	1
COMPUTER	ZENITH	Z386/33-1	8.851	4
COMPUTER	ZENITH	Z386/4-40	3.349	1
COMPUTER	ZENITH	Z-486/25E	4.960	1
COMPUTER	ZENITH	Z486/25E	9.805	2
COMPUTER	ZENITH	Z-486/33	8.655	1
COMPUTER	ZENITH	Z486/33ET	9.420	1
COMPUTER	ZENITH	ZA138-42	1.044	1
COMPUTER	ZENITH	ZEK1331KP	1.504	1
COMPUTER	ZENITH	ZEL-1331-KP	1.602	1
COMPUTER	ZENITH	ZEL1331KP	3.732	3
COMPUTER	ZENITH	ZEL-1348-KP	1.263	1
COMPUTER	ZENITH	ZEL1648KP	2.220	1
COMPUTER	ZENITH	ZEL-1651-QB	4.992	2
COMPUTER	ZENITH	ZEL-1651-QB	4.622	2
COMPUTER	ZENITH	ZF110-22	3.838	1
COMPUTER	ZENITH	ZF148-41	0.847	8
COMPUTER	ZENITH	ZF148-42	2.455	2
COMPUTER	ZENITH	ZF241-81	4.740	1
COMPUTER	ZENITH	ZF248-81	3.064	1
COMPUTER	ZENITH	ZF248-81	6.128	2
COMPUTER	ZENITH	ZF286	7.796	4
COMPUTER	ZENITH	ZF286-02	2.358	2
COMPUTER	ZENITH	ZJL-4231-KP	2.580	2
COMPUTER	ZENITH	ZJL4231KP	1.290	1
COMPUTER	ZENITH	ZKS-6034-QR	2.579	1
COMPUTER	ZENITH	ZKS-6038-KM	2.350	1
COMPUTER	ZENITH	ZKS6038KM	4.700	2
COMPUTER	ZENITH	ZL433ETO	11.380	2
COMPUTER	ZENITH	ZPR4834KV02	2.135	1
COMPUTER	ZENITH	ZSL-4231-KO	3.039	2
COMPUTER	ZENITH	ZSL4231KO	1.400	1
COMPUTER	ZENITH	ZSL-4234-KO	1.335	1
COMPUTER	ZENITH	ZSL4234KO	1.332	1
COMPUTER	ZENITH	ZSL-4634-KO	4.570	3
COMPUTER	ZENITH	ZW158-42	5.281	1
COMPUTER	ZENITH	ZW158-43	5.033	3
COMPUTER	ZENITH	ZW159-3	1.319	1
COMPUTER	ZENITH	ZW241-82	21.744	6
COMPUTER	ZENITH	ZW248-81	2.900	1
COMPUTER	ZENITH	ZW248-82	7.492	3
COMPUTER	ZENITH	ZW248-84	11.908	5
COMPUTER	ZENITH	ZW286	3.992	2
COMPUTER	ZENITH	ZW286-25	72.992	43
COMPUTER	ZENITH	ZW286-40	3.359	1
COMPUTER	ZENITH	ZW386-80	4.658	1
COMPUTER	ZENITH	ZWL0360AA	3.178	2
COMPUTER	ZENITH	ZWL0630AA	3.178	2
COMPUTER	ZENITH	ZWL18393	1.438	1
COMPUTER	ZENITH	ZWL32006	4.398	2
COMPUTER	ZENITH	ZWL325012	2.807	1
COMPUTER	ZENITH	ZWL325112	4.295	1
COMPUTER	ZENITH	ZWL-360-6	7.017	3
COMPUTER	ZENITH	ZWL-4251-20	6.958	2
COMPUTER	ZENITH	ZZSP1645QD	3.160	1
COMPUTER LAPTOP	ZENITH	SS286/20	2.829	1
COMPUTER LAPTOP	ZENITH	ZW286-40	3.359	1
COMPUTER LAPTOP	ZENITH	SS286/20	2.829	1
COMPUTER LAPTOP	ZENITH	SS386/100	3.899	1
COMPUTER LAPTOP	ZENITH	Z286	3.275	1
COMPUTER LAPTOP	ZENITH	ZWL286	3.068	1
COMPUTER LAPTOP	ZENITH	SS286/20	8.135	3
COMPUTER LAPTOP	ZENITH	Z286	3.275	1
COMPUTER LAPTOP	ZENITH	Z286E/20	5.613	2
COMPUTER LAPTOP	ZENITH	Z286/20	2.995	1
COMPUTER LAPTOP	ZENITH	ZWL184-2	1.777	1
COMPUTER TERMINAL	TEKTRONIX	TEK4106	1.048	1
COMPUTER INTERFACE UNIT	CONSUMER TEC	DK003	358	1
COMPUTER LAPTOP	ZENITH	SS286/20	5.658	2
COMPUTER SYSTEM	DIGITAL EQP	VAX300	94.984	1
COMPUTER W/2 RACK & DISK	IBM	9406	0	1
COMPUTER XT LAPTOP	ZENITH	ZWL184-20	2.095	1
COMPUTER (NOTEBOOK)	COMPAQ	4/25CONCERTO	1.243	1
CONCENTRATOR	TEKMAR	14-2000	5.895	1
CONDENSATE PUMP	MARATHON	6150C	0	1
CONDUCTIVITY METER	ORION	122	556	1
CONDUIT BENDER	GREENLEETEX	1818	2.416	1
CONE BLENDER	WINSMITH	920 MDN	1.920	1
CONNECTION	BLKBOX	NMN	695	1

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
CONTAINER		NMN	2.825	1
CONTRL ION	GRANVL	03	915	1
CONTROL DP	RIGAKU	5072D1	29.525	1
CONTROL MODULE	BFEOGJ	PRN	1.600	1
CONTROL MODULE	CAMPBL	CR-10	2.095	1
CONTROL MODULE	CMASCI	CR-10	970	1
CONTROLLER	CRNTRL	CD-4	269	1
CONTROLLER	DYLON	1015B-2	4.982	1
CONTROLLER	IBM	9335-A01	5.705	1
CONTROLLER	IPM	IP1612DC	290	1
CONTROLLER	PERKIN	MHS-20	4.120	1
CONTROLLER	SYMBOL	LL5001200	293	1
CONTROLLER	SYMBOL	LL5001100	1.462	5
CONTROLLER	SYMBOL	LL5600I100	293	1
CONTROLLER	TRACOR	TN171024	3.797	1
CONTROLLER	VRSATC	255-VUV	5.000	1
CONTROLLER POWER SUPPLY	PERKIN ELMER	AS90/AS91	0	1
CONVAMPLIT	TENLEC	TC861	625	1
CONVERTER	BRNICA	BA0372	766	1
CONVERTER	CNBERA	8075	1.500	1
CONVERTER	EAZY	LE2110A	1.500	1
CONVERTER	GSSI	38	2.850	1
CONVERTER	NUCLID	MDAC1	2.586	1
CONVERTER	RAYCOM	3140	3.825	5
CONVERTER/CHARGER	HNU	100013A	1.580	4
CONVERTER/CHARGER	HNU SYSTEMS	100013A	790	2
CONVERTER/DUPLEXER	MILAN TECH	MIL-150A	1.958	6
COOLER	BFEOGJ	NMN	272	1
COOLER	RUBBER	NMN	272	1
COOLINGSYS	PERKIN	B0145034	1.625	1
COOLSCAN(EXTERNAL FOR PC)	NIKON	LS-10E	1.895	1
COPIER	MINOLTA	2120	1.295	1
COPIER	TOSHIBA	BD8412	7.272	1
COPIER	XEROX	1035	3.395	1
COPIER	XEROX	5100	88.500	1
CORDLESS DRILL	PANASONIC	EY6205	300	1
CORDLESS DRILL W/CHGR	PANASONIC	EY6100	417	2
CORE SPLIT	LONGYR	18774	2.000	2
CORRECTOR	CALINS	LC1201B	1.792	1
COULOMETER	COLMET	5010	6.600	1
COUNT BETA	EBERLINE	BC-4	2.250	1
COUNT FREQ	TEKTRONIX	DC-508	1.300	1
COUNTER	BECKMAN	LS6000TA	33.278	1
COUNTER	EBERLINE	BC-4	4.230	2
COUNTER	EBERLINE	E112	215	1
COUNTER	GE	HP5245L	3.388	1
COUNTER	GE	HP5335A	4.740	1
COUNTER	GR	1919706	1.546	1
COUNTER	JSWFT	E-	1.014	1
COUNTER	JSWFT	NMN	1.014	1
COUNTER	LUDLUM	218	9.735	1
COUNTER	SHOPMA	60-	250	1
COUNTER D	GJPO	EL0018B	4.323	1
COUNTER/TIMER	CANBERRA	1790C	1.705	1
COUNTRUNIV	TEKTRONIX	DC-503	2.671	1
COUNT-TIME	CANBERRA	1790C	1.500	1
COUNT-TIME	CANBERRA	2071	1.700	1
COUNT-TIME	ORTEC	772	641	1
COUNT-TIME	ORTEC	773-	753	1
COUNT-TIME	ORTEC	776	1.140	1
COUNT-TIME	ORTEC	974	3.940	1
CPU	CDC	170-815	420.525	1
CPU	I-BUS	F-286	11.560	1
CRASHKELLY	MEDPLS	CPR1500	1.460	1
CRASHKELLY	MEDPLS	CPR2500	550	1
CRIMP TOOL	GSSI	570	200	1
CRUSHER	DENVER	1-	1.696	1
CRUSHER	DENVER	2-	1.257	1
CRUSHER	DENVER	NMN	1.810	1
CRUSHER	MORSE	JC305	1.407	1
CTR SCALNG	LUDLUM	2200	1.195	1
CTRL MODUL	CMPBEL	CR10	1.762	1
CUMP CART		45-0184-054	243	1
CURVE TRACER	TEKTRONIX	575	1.457	1
CUT OFF MACHINE	MILWAU	6170	342	1
CUTTER	FLETCHER	16663-3000	2.298	1
CUTTER	HUSKIE	WMC750	675	1
CYCLE 4WHL	HONDA	TRX250	2.093	1
D S MODULE	CMPBEL	SM192	817	1
DATA COLLECTION DEVICE	GRID SYSTEMS	2350 PALMPAD	3.000	1
DATA COLLECTOR	PSION	40-000-00	579	1
DATACONTRL	DIONEX	AI-450	13.950	1
DATACONVTR	CDC	18001-1	3.822	1
DATALOGGER	EVEREST	3056DL	1.250	1
DATALOGGER	METRO	714	4.335	1
DATALOGGER	METRO	DL-714	5.385	1
DATALOGGER	OMNI	516C64A	2.773	1
DATAQC SYS	CMT	MC-II	1.305	1
DATATABLET	SUMMA	MM1201	562	1
DATCOMTEST	TEKTRONIX	832	1.942	1
DD SYSTEM	JMR	ST41200NV	1.980	1

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
CDL AMPLIFIER	CANBERRA	1411A	643	1
DDL AMPLIFIER	CANBERRA	1411A-1	564	1
DECADE BOX	CLARST	240C	448	1
DECADE BOX	CLARST	240C	448	1
DECON PREP	PENTEK	35492	34,278	1
DELTIMEBAS	TEKTRONIX	7B71	800	1
DEMODULATR	VALDYN	CD15	1,325	3
DEMODULATR	VALDYN	DP103	450	1
DENS GUAGE	TROXLR	3411-B	4,300	1
DENSITOMTR	GAM	126P	1,485	1
DESK DOLLY	WESCO	4W485	200	1
DESKPORTE MODEM	MICROCOM	ES 28.8	840	4
DESKTOP	KERN	PE40A-A9	6,825	1
DESORPCOND	SUPELC	60	2,500	1
DESORPUNIT	SUPELC	850	3,995	1
DETEC ALPH	LUDLUM	43-9	405	1
DETECALPH	LUDLUM	43-9	810	2
DETECT GAS	DRAGER	31	242	1
DETECT ION	HNUSYS	ISPI101	4,995	1
DETECT RAD	EDA	RD200	10,299	2
DETECT RAD	EDA	RDA-200	5,290	1
DETECT RAD	GRUMAN	DETECTOR	62,700	1
DETECT RAD	PYLON	PRD-1	435	1
DETECT UV	PERKIN	LC-90	4,600	1
DETECTLEAK	VEECO	MS-17-AB	10,535	1
DETECTOR	ANALYT	UVD1	3,000	1
DETECTOR	BICRON	2M2/2	1,500	5
DETECTOR	BICRON	3M3/3LP	984	1
DETECTOR	BRNSTD	D2770	639	1
DETECTOR	DIONEX	35221	2,697	1
DETECTOR	DIONEX	PULSED AMPER	5,900	1
DETECTOR	EBERLINE	5AC-R5	1,330	1
DETECTOR	EBERLINE	LRADCC	17,000	1
DETECTOR	EV	EV-251-01-B	1,145	1
DETECTOR	GARDNR	70004G2	482	1
DETECTOR	HARSHAW	2000D	15,000	1
DETECTOR	LUDLUM	43-10-1	4,644	2
DETECTOR	LUDLUM	43-9	395	1
DETECTOR	LUDLUM	L-12	0	1
DETECTOR	MILLIPORE	M-996	10,830	1
DETECTOR	ORTEC	GMX20210	26,626	1
DETECTOR	PGT	IGP2016	18,235	1
DETECTOR	PYLON	AEP-47	2,900	5
DETECTOR	RIGAKU	5738E1	1,575	1
DETECTOR	TELDYN	SW-1616	3,925	1
DETECTOR	WESSYS	MERAC-IV	540	1
DETECTRSYS	MCPHAR	POLY-512	24,888	1
DETELECCAP	VARIAN	63NIECD	1,825	1
DEW POINT TRANS	GENEAS	653	295	1
DEW POINT TRANSMITTER	GENEAS	653	295	1
DEWAR	EG&G	DWR-S/F	1,393	1
DEWAR	UNCARB	DEWAR	428	1
DEWAR	UNION CARBID	LD-21	0	1
DEWAR ME	ORTEC	NMN	150,000	1
DEWATERING PUMP	TSURUM	NK-15	1,519	1
DEWPOINT SENSOR	GENEST	1211D	1,824	1
DGTL DRIVE	COLE P	L-07524-20	836	1
DIAZOPRINT	BRNING	PD-80	1,499	1
DIAZOPRINT	GAF	930D	10,875	1
DICTATING MACHINE	SONY	BM-11	215	1
DIE CUTTER	N/A	NMN	495	1
DIG DRIVE	COLE-P	NMN	780	1
DIG ODOMTR	BFEDGJ	NMN	2,522	2
DIG ODOMTR	BFEDGJ	ODOMETER	671	1
DIG TESTER	TEKTRONIX	851	2,155	1
DIG THERM	FLUKE	2100A	1,078	1
DIG THERM	OMEGA	HH-1	355	1
DIGITAL DRIVE	COLE PARMER	7524-10	795	1
DIGITAL INPUT	TRACOR	TN171042	7,374	5
DIGITAL MULTIMETER	FLUKE	8842A	1,491	1
DIGITAL PRESSURE GAUGE	MENSOR	15000	2,450	1
DIGITAL ELE	KEITH	616	1,398	1
DIGITIZER	CALCOM	25180-01	727	1
DIGITIZER	CLCOMP	33360	3,300	2
DIGITIZER	HOUSTN	DT-114	1,150	1
DIGRECORDR	DIGTEC	6110-	1,196	1
DIGTLBURET	BRINKM	50ML	495	1
DIPPINGBED	BFEDGJ	TDB-1	6,045	1
DIPPINGBED	BFEDGJ	TDB-2	6,045	1
DISC	IBM	400	28,140	3
DISC PORT	MICROTEST	2943400001 01	563	1
DISC PORT	MICROTEST	2943400010 1	563	1
DISCPORT	DISKPT	2943400001 01	530	1
DISCPORT 9030-00	MICROTEST	29434000-01	413	1
DISCRIMNTR	CANBERRA	1432	420	2
DISCRIMNTR	ORTEC	473A	1,433	1
DISCRIMNTR	ORTEC	934	1,433	1
DISCRMNATR	CANBERRA	2032	240	1
DISK DRIVE	DIGITAL EQP	BA42	4,866	1
DISK DRIVE	DIGITAL EQP	EL-750DS	36,566	1
DISK DRIVE	DIGITAL EQP	RUA60-CA	22,000	1

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
DISK DRIVE	DIGITAL EQP	SZ12	4.866	1
DISK DRIVE	DIGITALBASIC	757240	1.825	1
DISK DRIVE	DIGITL	DB310BL	7.065	1
DISK DRIVE	HEWLETT PACK	C2550T	2.135	1
DISK DRIVE	HP	9122D	1.390	1
DISK DRIVE	IBM	9335-B01	28.530	2
DISK DRIVE	IBM	9337	331.369	2
DISK DRIVE	MICROD	LASERBANK600	3.778	1
DISK DRIVE	PERKIN	7500	4.230	1
DISK DRIVE	PINCLE	REO-650	3.535	1
DISK DRIVE	POWERUSER	OEMMWPROQ17	359	1
DISK DRIVE	SEAGAT	ST15200N	1.590	1
DISK DRIVE	SEAGAT	ST41200NV	2.184	1
DISK DRIVE	SEGATE	ST41200MV	1.730	1
DISK DRIVE	SEGATE	ST41200N	3.385	2
DISK DRIVE	SEGATE	ST41200NV	2.225	1
DISK DRIVE	ZENITH	ZAS-180-54	275	1
DISK DRIVE	ZENITH	ZAS-180-54	251	1
DISK DRIVE/SUBSYSTEM	JMR ELECTRNC	PICT-001	1.040	1
DISK EXERC	PROTO	EX2000	299	1
DISK PACK	CDC	883-53	900	1
DISK PACK	CDC	883-60	900	1
DISK PACK	MEMORX		3.600	4
DISK PACK	MEMORX	4015-1-	1.896	4
DISK PACK	MEMORX	MARK 12C	2.844	6
DISK STOORAGE UNIT	CDC	BZ703E	62.370	1
DISK STORAGE	CDC	885	40.620	1
DISK STORAGE	CDC -	885-12	54.335	1
DISK STORAGE UNIT	CDC	BZ703E	62.370	1
DISK STORG	CDC	75210029	101.356	4
DISK STORG	CDC	844-41	133.850	4
DISK SUBSY	DIGITAL EQP	5000/200	2.381	1
DISK SUBSY	TRIMM	DA15-150	2.928	1
DISKCONTRL	CDC	7155-1	49.191	1
DISKCONTRL	CDC	FA211A04	39.390	1
DISKEQUIPT	IBM	9370	10.112	1
DISPENSER	BRNKMN	50-10-040-5	364	1
DISPLAY		EV308	0	1
DISPLAY	CIMARON	C-MARK-II	895	1
DISPLAY BOARD	GLOBAL	L8521	385	1
DISPLAY KEYBOARD	CAMPBL	CR10KD	245	1
DISTIL SYS	MILPOR	NMN	921	1
DOC FEEDER	HEWLETT PACK	HP-548	374	1
DOLLY	GRAINGR	4W485	215	1
DOLLY	WESCO	4W471	276	1

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
DOS CHARGR	DOSMTR	909	1.942	1
DOS NOISE	QUEST	M-7B	1.270	2
DOSEMETER	XETEX	44A-21-IMP	350	1
DOSERATE	JOHNSN	2000W	2.499	1
DOSIMETER	ALPNUC	550*	10.941	3
DOSIMETER	DOSMTR	1888A	2.250	6
DOSIMETER	XETEX	415A1	690	3
DOSIMETER	XETEX	444A-21-IMP	1.400	4
DOSIMETER	XETEX	444A-21-IMP	350	1
DOSIMETER/CALIBRATION KIT	QUEST	Q-40010NM	4.830	2
DOSIMETER/CALIBRATION KIT	QUEST TECH	Q-40010NM	4.830	2
DOSIMETER/CALIBRATION KIT	QUEST TECH	Q40010NM	2.415	1
DRAFT ARM	K&E	MARK II	300	1
DRAFT ARM	VEMCO	V-TRACK	300	1
DRAFTING TABLE		101WN	200	1
DRAINCLEAN	RIGID	K-37	353	1
DRILL	BLCK & DECKR	1321	224	1
DRILL	MILWAU	5398/CATALOG	213	1
DRILL	MILWAUKEE	0398-1	209	1
DRILL	MILWAUKEE	HI-TORQU	209	1
DRILL	SKIL	6740	270	1
DRILL VSR	MILWAU	0219-1	206	1
DRILLPRESS	BOICE	NMN	850	1
DRILLPRESS	CLAUSI	2276	1.808	1
DRILLPRESS	ORBIT	OR-1412	850	1
DRILLPRESS	ROCKWL	15-081	850	1
DRILLPRESS	ROCKWL	EF1-1	850	1
DRILLSHARP	LISLE	91000	389	1
DRIVE	DIGITAL EQP	RRD40-FA	1.475	1
DRIVE PWR	RIGID	700-	418	1
DRIVE SYSTEM DUAL	JMR	MIDTOWER	340	1
DRIVECDROM	DIGITAL EQP	RRD40-FA	1.473	1
DRUM CONTAINMENT VESSEL	INDSAF	03148	368	1
DRUM CONTAINMENT VESSEL	INDUST SAFE	03148	368	1
DRUM GRAB	WESCO	ADJ-53	352	1
DRUM TRAY FILTER/STRAINER	IND.FILTERS		276	1
DRUM TRUCK		QC-16261	502	1
DRUM TRUCK	VALLEY CRAFT	F8-2425-AO	339	1
DRYER	LABCON	75050	3.150	1
DRYER	WORLD	NT126-004A	726	2
DRYERPRINT	BESLER	RC-JET	550	1
DRYER&EXTR	BOCK	NMN	472	1
DRYER&EXTR	HUEBSH	NMN	472	1

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
DSPLY KYBD	CAMPBL	CR10KD	245	1
DTA/TGASYS	STNRED	STA780	59,180	1
DUAL EMERGENCY LIGHT	GRANGER	7V003	202	1
DUAL-COUNT	CANBERAA	1776	1,446	1
DUAL-COUNT	CANBERRA	1776	16,204	12
DUAL-COUNT	ORTEC	778	1,012	1
DUALSCALER	LUDLUM	2929	2,420	1
DUMP CART		45-0184-054	243	1
DUPLICATOR	MINOLTA	DPF105	4,445	1
E BRIDGE		NMN SN:51110	3,953	2
EARTH TESTER	BIDDLE	250241	1,825	1
ECG MACHIN	SIEMEN	E350	3,222	1
EDGER	BRIGGS	80202	206	1
EDGER	SNAPPR	ETC302K	420	1
ELEC CNTRL	UNIVER	DC505A	1,500	1
ELECT DISP	PLANAR	EL8358M	2,295	1
ELECT DISP	PLANAR	EL8358M	2,295	1
ELECTRIC CART	E-Z GO	X 1875	6,226	1
ELECTRIC CART	E-Z-GO	X1500	4,409	1
ELECTRIC CART	E-Z-GO	XI-500	4,409	1
ELECTRIC HAMMER	MILWAUKEE	5300	342	1
ELECTRIC RPISU	RAD ELEC	E-RPISU	1,000	1
ELECTRIC STAPLER		SWI69270	269	1
ELECTRODE	EG&G	303+	2,683	1
ELECTROMAGNET	NUCLID	NMN	758	1
ELECTROMTR	KEITH	610A	1,485	1
ELECTROMTR	NUCLID	EAH 300	4,096	3
ELECTROMTR	TSI	3068	10,680	1
EMANOMETER	SCNTREX	835011	4,582	1
EMANOMETER	TSA	RE350	23,408	7
EMANOMETER	TSA	RE350	3,344	1
ENCLOSURE	CANBER	CE182	15,417	1
ENCLOSURE	GLOBAL	NMN	399	1
ENGRAV SYS	HERMES	V-3000	6,086	1
ENGRAVER	HERMES	CG4	595	1
ENGRAVER	HERMES	ITF	595	1
ENGRAVING TABLE	HERMES	2300240	0	1
ENLARGER	BERKEY	D2-	1,324	1
ENLARGER	BESLER	45MXD	1,506	1
ENLARGER	BESLER	67S	390	1
ENVIRONMENT CONTROL SYS	DATA AIRE	DATA TEMP	0	1
ENVIRONSYS	STANDA	STD/14	6,700	1
ENVRADMON	REUTER	RSS-111	10,325	1
ENVRADMON	REUTER	RSS11110	8,720	1
EQUIPMENT RACK	CBLTRN	NMN	1,000	1
ERPSU	GPO	NMN	5,892	1

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
ETH BRIDGE	DIGITL	DECBRIDG90FL	2,500	1
ETHERNET ADAPTER	XRCOM	EE10BU	397	1
ETHERSWITCH	KALAPANA	EPS500	2,005	1
EVAC SYSTM	AEROVC	951-5091	2,000	1
EVALU TAPE	GRAHAM	650000-2	15,070	1
EVAPORATION SYSTEM	BRINKMANN	R-114	2,778	1
EVAPORATOR	MULTIV	11350-N	2,220	1
EVAPORATOR	ZYMARK	ZW640-3	4,900	1
EVAPORATOR	ZYMARK	ZW8000-2	4,900	1
EX BLOWER	DURFN	2600CFM	1,035	1
EXERCISER	PROTO	EX2000	349	1
EXHAST FAN	GLOBAL	ST2000	2,595	1
EXHAST FAN	NYBLOW	U8916100	9,200	2
EXHAST FAN	NYBLOW	U8916110	9,200	2
EXHAUST	SUPVAC	P164SE	728	2
EXPNSNCHAS	ZENITH	ZA3040EB	379	1
EXPOSRCONT	GAM	GAMI	1,637	1
EXPOSURE METER	SEKONC	L-256D	200	1
EXTERNAL BUSS	ZENITH	ZAS0304EB	295	1
EXTRACTOR	SFC	SFE/50	28,153	1
EXTSNTUBE	BRNICA	BA3022(G-36)	477	1
EYE WASH	FNDALL	MA-2122S	285	1
FACSIMILE	SHARP	FO-420	1,471	1
FACSIMILE	XEROX	7017	2,126	1
FALLARREST	BARROW	8091T4	1,560	2
FANOUT	ORTEC	918DPF	765	3
FASTCOINCI	ORTEC	414A	572	1
FASTEN GUN	HILTI	DX451	379	1
FAX	CANON	L770	2,700	1
FAX	RICOH	R2110M	4,800	1
FAX MACH	CANON	L770	2,600	1
FAX MACH	CANON	L770 AZ-	2,467	1
FAX MACHINE	CANON	L775	2,085	1
FAX MACHINE	SHARP	FO-420	1,471	1
FAX MACHINE	SHARP	FO-750	3,645	1
FAX MACHINE	XEROX	7042	2,110	1
FAX MACHINE	XEROX CORP	7042	2,110	1
FIBEROPTIC	FOTEC	M200	876	1
FICHE READ	B&H	COMMUTER	297	1
FICHE READ	WSI	INFORMANT-1	233	1
FILESERVER	INTEL	NMN	466	1
FILESERVER	ZENITH	KSL-8071-SW	4,020	1
FILESYSTEM	WESTER	NMN	10,090	1
FILM BACK	BRNICA	BA0460	422	1
FILM BACK	BRNICA	BA460	422	1
FILM BACK	BRNICA	GS120	884	3

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
FLM DRYER	KINDER	KN4320	626	1
FLM PROCESSOR	FUJI	AP5	10.850	1
FLMDISPEN	CONIC	FD54	3.036	1
FLMRECRDR	SPGRP	LFR	9.950	1
FLTER HOLDER MODULE	NFS/RPS	BF13	1.675	1
FLTER SYS	ENFELD		1.200	1
FLTERED MACHINE	EPA-AIRE	H2000C	1.950	1
FLTERUNIT	IONEX	5500	6.500	2
FRPROOF FLE CABINET	FIRKING	4-21-C	1.129	1
FRPROOF FLE CABINET	FIRKNG	NMN	847	1
FRPRFFLE	FIRKNG	NMN	847	1
FT TESTER	TSI	8020	5.000	1
FLAM CABNT	FISHER	97-5050	1.399	1
FLAM CABNT	JUSTRIT	25450	414	1
FLAM CABNT	LABSFT	D1369Y	415	1
FLAM CABNT	LABSFT	D1396Y	2.490	6
FLAM CABNT	LABSFT	D1397Y	712	2
FLAMMABLE LIQUID CABINET	LAB SAFETY	QC-1199W	320	1
FLANG TOOL	RAININ	CI900330	230	1
FLASH HEAD	NOVTRN	600	895	1
FLASH UNIT	NIKON	SB-25	335	1
FLASH UNIT	SUNPAC	622	285	1
FLIP CHART EASEL	QUARLET	200E	265	1
FLOPPY DRIVE	ZENITH	ZA180-54	231	1
FLOPYDRIVE	CAYNAF	DF2	439	1
FLOPYDRIVE	PCQUET	PQ0164	1.100	2
FLOPYDRIVE	ZENITH	ZA180-54	462	2
FLOPYDRIVE	ZENITH	ZA480-54	251	1
FLOW KIT	GILIAN	C-8002721	725	1
FLOWLITE CHARGER	MSA	BLUE 10	468	1
FLOWLITE CHARGER	MSA	FLOWLITE	468	1
FLOWMETER		220-1170	495	1
FLOWMETER	AROSPC	42L-5-3A(SP)	1.600	2
FLOWMETER	CMEINC	4025.01AD	1.150	1
FLOWMETER	CMEINC	4151000AD	1.100	1
FLOWMETER	CMEINC	C1030LA	2.480	4
FLOWMETER	F&J	C8102	1.050	2
FLOWMETER	ISCO	2300	2.072	1
FLOWMETER	MAST	8231	570	1
FLOWMETER	MT SOPRIS	FLP-2280	3.800	1
FLOWMETER	TELDYN	NALL-IKP	10.000	2
FLOWMETER	TN TEC	9700DSD	3.295	1
FLOWMETER	UNIMET	520	459	1
FLUINCSYST	BFECGJ	III	3.145	1
FLUOROMETER	MILLIPORE	4-474	37.338	1

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
FLXER	CLAISS	BS	22.550	1
FLY TRAP	FRSM	P 519	365	1
FORK LIFT (STANDING)	CROWN	20MT-S	4.740	1
FORKLIFT	CATPIL	TC30	13.527	1
FORKLIFT	CLARK	GPX40GAS	28.336	1
FORKLIFT	HYSTER	H-20E	7.308	1
FORKLIFT	HYSTER	ZA80	5.731	1
FORVAC SYS (VACUUM PUMP)	WELCH	1400-	1.540	1
FOUNTAIN	ELKAY	EBFSA-BG-1	460	1
FREQUENCY CONVERTER	HEWLETT PACK	89430A	21.620	1
FREZER	BAXTER	SLF518AOB	675	1
FREZER	GIBSON	FH-10M5DY	319	1
FREZER	MARVEL	61AF	750	1
FRYER	WELLS	F85	986	1
FUME HOOD		5-1 0116-2E	2.151	1
FUME HOOD	FISHER	NMN	6.830	1
FUME HOOD	KEWAUN	5-0116-2N	1.934	1
FUME HOOD	KEWAUN	H390BMSA	76.344	4
FUME HOOD	KEWAUN	NMN	92.657	6
FUME HOOD	LABCON	22551S9013	2.518	1
FUME HOOD	NONE	NMN	7.470	1
FUMEHOOD	KEWAUN	5011602N	4.657	1
FUMEHOOD	KEWAUN	501262NWE	5.788	1
FUNCTION GENERATOR	STANFORD RES	DS/345-1	2.195	1
FURNACE	FISHER	495	2.915	1
FURNACE	LNBER	51848	842	1
FURNACE	LNBER	51894	2.498	2
FURNACE	LNBER	54032	842	1
FURNACE	THERMO	F-B1315M	387	1
FURNACE (FOR ELAN 5000)	PERKIN ELMER	AS-60	7.356	1
FURNACEMUF	THERMO	F-B1315M	540	2
G PUMP	DIONEX	4000	11.048	1
GALLERY		235	0	1
GAMMA DETECTOR	EV PRODUCTS	EV25103	1.285	1
GAMMA DETECTOR	PGT	IGW1123	18.010	1
GAMMA DETECTOR	TENLEC	CPVDS30	12.312	1
GAMMA TOOL	MT SOPRIS	KLP-2780	5.500	1
GAMMACOCAV	TRACOR	N5-308	490	1
GAMMASENSR	SNTREX	832014	21.516	1
GAS ALARM	GASTEC	GX-86	18.096	8
GAS ALARM	MSA	360	1.517	1
GAS CART	TAYLOR	B 6-10	6.503	1
GAS DETECT	DRAGER	31	510	2
GAS DETECT	GOWMAC	21-150	760	1
GAS DETECT	PYLON	TL	2.711	1

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
GAS DETECT	TRACE	RGD2	5,840	1
GAS MONITR	EBERLINE	RGM-3	15,412	3
GASCALBRTR	BFEDGJ	NMN	11,239	1
GASCHROMAT	SNSDYN	FID-PLUS GC	6,800	1
GASCHROMAT	SNSDYN	RR-PLUS GC	6,800	1
GAS/OXYGEN ALARM	MSA	260*	3,070	2
GAS/OXYGEN ALARM	MSA	360	10,619	7
GATE OPENR	STANLY	550-211-RH	2,428	1
GAUGE	NONE	4005K999	290	1
GAUGE	PETROS	7078148CUHRL	988	1
GAUGEPRESS	HEISE	CM-36572	2,158	2
GAUSSMETER	BELL	610	700	1
GC SYSTEM		3600	19,110	1
GEN SYNTH	HEWLETT PACK	HP-3325A	8,102	2
GEN X-RAY	RIGAKU	4056V1	30,625	1
GENERATOR		D13000	15,864	1
GENERATOR	ATI	TDA-4A	1,040	1
GENERATOR	BERNUC	GL3	1,460	1
GENERATOR	BERNUC	RP1	985	1
GENERATOR	BNC	BH-1	1,810	3
GENERATOR	BNC	CT-2	529	1
GENERATOR	GENEST	C-1	1,895	1
GENERATOR	GENRAC	5972-0	826	1
GENERATOR	HEWLETT PACK	8015A	3,242	1
GENERATOR	HEWLETT PACK	HP-3312A	891	1
GENERATOR	HONDA	E1500	2,096	2
GENERATOR	HONDA	EB5000X	1,463	1
GENERATOR	HONDA	EB5000X	1,463	1
GENERATOR	HONDA	EB5000XA	1,528	1
GENERATOR	KATO	GE213	11,920	1
GENERATOR	KATO	KAMAG 14	14,272	1
GENERATOR	KATO	NMN	11,545	1
GENERATOR	ONAN	JC18R14758AA	5,408	1
GENERATOR	ONAN	K3200	827	1
GENERATOR	ONAN	K3500	2,475	3
GENERATOR	PERMEA	CPA-1	4,900	1
GENERATOR	TEKTRONIX	FG502	2,496	4
GENERATOR	TEKTRONIX	FG504	1,496	1
GENERATOR	WAVTEK	116	841	1
GENGAT&DEL	CANBERRA	1455A	320	1
GENGAT&DEL	ORTEC	416A	345	1
GENTIMMARK	TEKTRONIX	184	700	1
GERMANDECT	CANBER	GC-3021	12,450	1
GERMANIUM DECTCTOR	CANBERRA	GX-S	48,900	1
GERMANIUM DETECTOR	CANBERRA	GX8024 EXTRA	48,900	1
GERMANM DETECTOR SYSTEM	CANBER	GC-3021	12,450	1
GILIBRATOR	GILIAN	X800275	1,795	1
GLOBAL SYS	TRIMBL	TDC-1	64,082	1
GOLD AMALGAMATION	PERKIN ELMER	B019-1090	2,358	1
GONIOMETER	RIGAKU	2173D5	13,375	1
GRAD SYSTM	NANOPR	D4741	2,250	1
GRADIOMETER	URTEC INST	FM18	11,985	1
GRANITBLOK	BFEDGJ	CALPTDMS	19,963	1
GRAVITY	KEM-X	G01340C	1,751	1
CONVECTION OVEN				
GRINDER	DENVER	NMN	1,255	1
GRMN DETEC	PGT	IGC4321	29,900	1
GUN CABINT	BROWNG	PROSTEEL	739	1
GURNEY	STRYKR	926-30	575	1
HA MONITOR	QUEST	56-900	463	1
HALIDE SYS	DORMAN	DX-20B	14,018	1
HAMMER DRILL	MAGNUM	5371-1	226	1
HAMMERPROBE	BOSCH	11305	3,600	1
HAND DRYER	WORLD	NT126004A	611	2
HAND DRYER	WORLD DRYER	NT126	643	2
HAND SCAN	SABA	HS-2000	649	1
HAND TRUCK		4W470	229	1
HAND TRUCK	GRAINGR	4W471	342	1
HAND TRUCK	VALLEY	1047	698	1
HAND TRUCK	WESCO	4W470	237	1
HAND & FOOT MONITOR	LUDLUM	49	3,895	1
HARD DISK	OVERBY	900-05-0001	543	1
HARD DISK	PLUS	PLUSPASSPORT	1,058	2
HARD DRIVE	DENON	DRD-253	1,499	2
HARD DRIVE	PERIPHERAL	88/RW44	400	1
HARD DRIVE ENCLOSURE	DIGITALBASIC	BA353-AE	1,936	1
HAZ MAT KIT	SNSDYN	800	1,360	1
HAZ MAT KT	SNSDYN	800	2,398	2
HEADSET	HELLO DIRECT	1441	299	1
HEAT EXCHR	NESLAB	CFT-33	1,695	1
HEAT MONITOR	VISTA	858	1,395	1
HEAT STRESS MONITOR	QUEST	QUESTTEMP1	730	2
HEAT STRESS MONITOR	QUEST TEMP	QUEST 1	365	1
HEAT STRESS MONITOR	QUEST TEMP	QUEST I	365	1
HEATER	PRECSN	61560	339	1
HEATER	TEKMAR	14-3531-000	615	3
HEATER	TEKMAR	14-3531-100	410	2
HEATER	TEKMAR	44-3531-100	205	1
HEATER ASY	ELCTML	EME60500CE	1,272	1
HEATMANTLE	ACE	NMN	1,338	1

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
HEATMANTLE	ELECTH	EM6	1,350	1
HEATMANTLE	GLAS	SOX-125	560	1
HEATMANTLE	PERKIN	B0102953	1,510	1
HEATR ASSY	EXTREL	ALS2016	5,300	1
HEATR ASSY	TEKMAR	143310000	3,675	1
HELLOSET	HELLOD	1341-1	369	1
HEP VACUUM	PULMAN	102A5B12	1,130	2
HEPADEVICE	MICTRP	MICTRAP	2,598	2
HHPOTTER	HIPO	HDB12	950	*
HNY SYSTEM	HNU SYSTEM	IS-101	4,995	1
HOIST		EC106	1,450	1
HOIST	COFFIN	MT05035	1,249	*
HOIST	DAYTON	2Z668A	496	1
HOIST	DAYTON	4Z358	738	2
HOIST	DAYTON	4Z811	417	*
HOLE-HAWG	MILWAU	1675-1	299	*
HORNTAPPED	HEAT	XL2020	3,672	1
HOT PLATE	BNSTED	RE-2240	503	*
HOT PLATE	BRNSTD	HP-47180	210	1
HOT PLATE	BRNSTD	RC2230	2,599	5
HOT PLATE	BRNSTD	SPA1025B	792	3
HOT PLATE	BRNSTD	SPA1025H	264	1
HOT PLATE	CORNING	PC-320	444	2
HOT PLATE	CRNING	PC320	1,056	4
HOT PLATE	FISHER	11-501-4SH	205	1
HOT PLATE	THERMO	2200/2240	550	*
HOT PLATE	THERMO	HPA2245M	1,040	2
HOT PLATE	THERMO	RC2240	1,233	3
HOT PLATE	THERMO	RC2440	411	*
HOT PLATE	THMLYN	RC2230	390	1
HOTSTICK	HASTNG	81-546-U	343	*
HS MONITOR	QUEST	56-900	9,045	19
HS MONITOR	QUEST	56-929	4,677	5
HUMIDIFIER	NORTEC	NHMC-020	1,864	1
HYGROMETER	GENEST	1200 APS	7,668	2
HYGROMETER	GENEST	800LC	1,050	1
HYGROMETER	TESTO	6400	839	*
HYGROPROBE	SOLOMT	355RH	341	1
ICE MACHINE	MANITOWOC	BY0425W	1,400	1
ICE MACHINE	SCOTSM	AC30MAE-1B	2,597	1
ICP MASS SPECTROMETER	PERKIN ELMER	5000	145,340	1
ICP-OES SYSTEM	PERKIN ELMER	OPTIMA 3000	101,705	1
ILLUMINATR	AM OPT	365	225	1
ILLUMINATR	B&L	31-35-28	225	1
ILLUMINATR	B&L	31-35-30	900	4
ILLUMINATR	B&L	31-35-39	450	2
ILLUMINATR	FBLIT	170D	225	1
ILLUMINATR	LUXO	FL-1	225	*
ILLUMINATR	LUXO	LFM-1A	225	1
ILLUMINATR	OLYMPS	TEHI	225	1
ILMARADON METER	ILMAST	07	3,643	1
ILMARADON METER	ILMAST	07	3,643	*
IMPEDBRDG	GR	1608-A	1,561	1
INCUBATOR	HACH	3550	2,030	1
INCUBATOR	HOTPAK	305502	43,295	7
INCUBATOR	HOTPAL	305502	6,185	1
INFAUWPEYE	HUGHES	649	7,295	1
INFRARED HEATER	FSHER	11-504-5	290	*
INPUT MODULE	TRACOR	TN171048	2,250	2
INTEGRATED AMP	ONKYO	A-803	340	*
INTEGRATING RATIOMETER	NUCLID	IR-3A01	4,570	1
INTEGRATOR	HEWLETT PACK	3396B	2,495	1
INTEGRATOR	HEWLETT PACK	HP-3392A	2,695	1
INTERCOM	TALKPH	K-CRP-5920	570	1
INTERCOM	TALKPH	KCRP5920	493	1
INTERFACE		CLNE	0	1
INTERFACE	ALPNUC	540*	2,550	3
INTERFACE	CALCOM	980-49MB	9,945	1
INTERFACE	CAMPBL	A0235	2,164	2
INTERFACE	CAMPBL	A235	1,080	1
INTERFACE	CIGITL	VINIPLUS	399	1
INTERFACE	DIONEX	039678	2,790	1
INTERFACE	DIONEX	NMN	2,790	1
INTERFACE	EBERLINE	WLI-1	1,950	1
INTERFACE	EG&G	918-DBF	705	1
INTERFACE	EG&G	PCBCBLIN	705	1
INTERFACE	HEWLETT PACK	HP82164A	247	1
INTERFACE	HEWLETT PACK	HP82165A	550	2
INTERFACE	ORTEC	981DPF	598	1
INTERFACE	PYLON	C1-55	775	1
INTERFACE	TEKTRONIX	P 5100	650	2
INTERFACE	OMNIDATA	PA-SPIE	456	1
ENCLOSURE INTRFACMOD	TEKMAR	14-2530	2,019	1
INVERTER	STATPR	PROWATT250	205	1
INVERTER	TOPAZ	5312-26	1,935	1
ION ANALYZER	ORION	407A/F	582	1
ION ANALYZER	YLW SPRINGS	407A/F	582	*
ION ANLYZR	ORION	399AF	460	1
ION ANLYZR	ORION	407A/F	2,851	5
ION CHAMBER	EBERLINE	RO-2	1,786	2
ION CHAMBER	LUDLUM	9	1,580	2
ION CHAMBR	EBERLINE	RO-2	1,781	2

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
ON CHAMBR	EBERLINE	RO-20	4.950	5
ON CHAMBR	ORDELA	8210A	20.700	1
ON DETECTOR	HNU SYSTEMS	ISPI101	4.995	1
ON DETECTOR	HNUSYS	ISPI101	14.985	3
ON GAUGE CONTROLLER	NUCLID	1C-11	2.651	1
ONCHROMAT	DIONEX	16	24.610	1
RADIATOR	HARSHAW	2000D1	5.000	-
SOLATION TRANSFORMER	SENCORE	PR57	425	1
ACKHAMMER	INGRND	PBAL2	918	1
AR MILL	NORTON	56145030	738	-
AR MILL	NORTON	773	1.149	3
CY STICK	TEKTRONIX	4952	535	-
KEBOX	HEWLETT PACK	C1100A	4.275	-
EY CUTTER	ILCO	326	584	-
EYBOARD WEDGE	SYMBOL	LL390	347	-
EYBOARD/DISPLAY	CMPBEL	CR-10KD	251	-
EYBOARD/DISPLAY	CMPBEL	CR10KD	251	1
ABELING SYSTEM	KROY	244SE	289	-
ABELWRITER	COSTAR	60620	900	1
ABELWRITR	COSTAR	LBLWRTR II+	234	-
ADDER		PWRF105-G	210	1
ADDER	BAUER	SERIES 351	498	1
ADDER	GRAINGER	AS2010	232	1
ADDER	LOUISV	4W076	421	1
ADDER	WERNER	T7208	214	-
AMINATOR	NEW MK	NMN	797	-
AMINATOR	SEAL	25	797	-
AMINATOR MACHINE	NEWMARK	5000	245	-
AN BRIDGE	DIGITAL EQP	DEBET-RH	7.830	-
AN CABLE METER	FLUKE	650	1.582	-
APIDARY	BUEHLR	1540	940	-
APTOP COMPUTER	EVEREX SYS	DESIGNOTE 2	3.340	-
ASER PRINTER	AM	VT600	24.368	2
ASER PRINTER	APPLE	M6000	4.619	-
ASER PRINTER	APPLE	M6000	22.286	5
ASER PRINTER	DATPRO	2665-001	2.500	-
ASER PRINTER	DIGITAL EQP	LN03S-AA	3.395	-
ASER PRINTER	HEWLETT PACK	LASERJET III	1.468	-
ASER PRINTER	LASERMASTER	UNITY1200XLC	17.000	3
ASER PRINTER	MTSUBI	CP10U	1.225	-
ASER PRINTER - III	HEWLETT PACK	LAS JET III	1.499	-
ASER PRINTER - II	HEWLETT PACK	33471A	805	-
ASER PRINTER - II	HEWLETT PACK	HP3340A	1.680	-
ASER PRINTER - II	HEWLETT PACK	HP33440A	1.575	1
ASER PRINTER - II	HEWLETT PACK	HP33471A	1.953	2
ASER PRINTER - III	HEWLETT PACK	32449A	1.535	1
ASER PRINTER - III	HEWLETT PACK	33449A	10.734	7
ASER PRINTER - III	HEWLETT PACK	33449A	4.422	3
ASER PRINTER - III	HEWLETT PACK	3349A	1.489	1
ASER PRINTER - III	HEWLETT PACK	C20001A	2.684	2
ASER PRINTER - III	HEWLETT PACK	C2001A	9.151	6
ASER PRINTER - III	HEWLETT PACK	C2001A	3.986	3
ASER PRINTER - III	HEWLETT PACK	C2010A	2.847	1
ASER PRINTER - III	HEWLETT PACK	HP33449A	2.978	2
ASER PRINTER - III	HEWLETT PACK	HP3349A	1.640	1
ASER PRINTER - III	HEWLETT PACK	HP500	3.457	1
ASER PRINTER - III	HEWLETT PACK	HP-501A	2.847	1
ASER PRINTER - III	HEWLETT PACK	HP501A	2.847	1
ASER PRINTER - III	HEWLETT PACK	HP-508	1.417	1
ASER PRINTER - III	HEWLETT PACK	HP-508	4.337	3
ASER PRINTER - III	HEWLETT PACK	HP508	2.885	2
ASER PRINTER - III	HEWLETT PACK	HP-509A	6.700	5
ASER PRINTER - III	HEWLETT PACK	HP509A	2.684	2
ASER PRINTER - III	HEWLETT PACK	LASERJET III	8.373	6
ASER PRINTER - III	HEWLETT PACK	LASERJET III	12.308	7
ASER PRINTER - III S	HEWLETT PACK	LASER III SI	3.465	1
ASER PRINTER - IIIP	HEWLETT PACK	111P	1.026	1
ASER PRINTER - IIIP	HEWLETT PACK	33449A	4.458	3
ASER PRINTER - IIIP	HEWLETT PACK	3349A	1.495	1
ASER PRINTER - IIIP	HEWLETT PACK	HP3349A	1.590	1
ASER PRINTER - IIIP	HEWLETT PACK	HP509A	1.342	1
ASER PRINTER - IIIP	HEWLETT PACK	NMN	1.026	1
ASER PRINTER - IIP	HEWLETT PACK	33471A	15.224	15
ASER PRINTER - IIP	HEWLETT PACK	33471A-HPII	994	1
ASER PRINTER - IIP	HEWLETT PACK	HP33471A	7.646	8
ASER PRINTER - IV	HEWLETT PACK	C2001A	3.989	3
ASER PRINTER - IV	HEWLETT PACK	LASERJET IV	2.995	1
ASERJET 4 PRINTER	HEWLETT PACK		0	1
ASERJET 4 PRINTER	HEWLETT PACK	C2011A	21.196	4
ASERJET 4 PRINTER	HEWLT PACKRD	C2001A	2.634	2
LASERJET 4+ PRINTER	HEWLETT PACK	C2037A	1.415	1
LASERJET IVSI PRINTER	HEWLETT PACK	C2010A	2.793	1
LASERJET PRINTER	HEWLT PACKRD	C2001A	1.317	1
LASERMAGST	LASER	CM121	3.500	1
LATCH DIG	TEKTRONIX	DL502	1.428	1
LATHE	AMTC	10-1340	5.295	1
LATHE	SHELDN	ES-56-P	3.519	1
LATHE	SOBEND	CL 117 G	18.572	1
LAWNMOWER	DEERE	A096	895	1
LAWNMOWER	SNAPER	250655	1.269	1
LAWNMOWER	SNAPER	3311X5S	1.715	1

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
LEAD PIG	ORNCO	RAG	7.250	2
LEADSHIELD	SPECGJ	SHIELD	989	1
LEADSHIELD	PGT	121212	5.575	1
LEAK DETECTOR	GRAINGER	TIF 5650	240	1
LEAKGUN	TI	56200	1.895	1
LENS	ASAHI	1:3.5/135	219	1
LENS	ASAHI	SMC PENTAX	557	3
LENS	BRNICA	1:3.5	499	1
LENS	BRNICA	1:4	723	1
LENS	BRNICA	1:4.5	930	1
LENS	HONEWELL	PENTAX	219	1
LENS	HONEYWELL	1:2/35	219	1
LENS	HONEYWELL	PENTAX	438	2
LENS	KALIMR	PKA/KR	430	2
LENS	MNOLTA	23.5X	440	1
LENS	NIKON	1:3.5/28MM	219	1
LENS	NIKON	EL-NIKKOR	290	1
LENS	NIKON	F-AF	1.418	2
LENS	NIKON	NIKOR 135MM	982	1
LENS	VIVATR	3.5-5.3	200	1
LENS	VIVITAR	1:3.3	200	1
LENS	VIVITR	1:3.3	200	1
LFTNG BOOM	WEBB	CM HAS SLNGS	9.546	1
LIFTER	GENIE	SL18	857	1
LIGHT BOOM	BENJU	8-12	8.424	1
LIGHT KIT	LOWEL	01-95	995	1
LIGHTMETER		MPS15	909	1
LINE CONDITIONER	ELGAR	5006B	1.544	1
LINE DISTURBANCE ANALYZER	ORNETZ	606-3	4.889	1
LINE PRINT	CDC	580-16	45.000	1
LINE PRINT	ORTEC	777A	1.130	1
LINE PRINTER	IBM	3262	10.528	1
LINE TRACR	METRO	810	2.744	2
LINEARGATE	CANBERRA	1454	3.942	9
LINEARGATE	ORTEC	426	855	3
LINEARGATE	TENLEC	TC304	1.236	2
LINEARGATE	TENLEC	TC305	1.200	3
LIQ SCINTILLATION COUNTER	PACKARD	B2500P3	27.666	1
LOADER	MOTOROLA	T3011CX	1.198	1
LOCATOR	SCHON	MAC-518	1.395	1
LOG UNIT	MT SOPRIS	2500	14.575	1
LOGICANLYZ	TEKTRONIX	7D01	4.247	1
LUMINOSCOP	NUCLID	ELM 28	6.390	1
M DETECTOR	SENTRE	01-021C-01	200	1
MACH MILL	ENCO	100-5700	2.395	1
MACRO LENS	NIKKOR	28-85MM	400	1

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
MAGNETIC TAPE COUNTER	TRACOR	TN171027	1.000	1
MAGNETOMTR	SNTREX	MP-2PROTON	9.352	1
MAGTAPE TR	CDC	679-2	53.190	3
MAIL CART	CHRNSM	M212	430	1
MANOMETER	DWYER	11-287-15	420	1
MANOMETER	DWYER	305-8WT	83	1
MANOMETER	NEOTRN	EDMI	1.084	1
MANUAL DISPENSER	BETTER PKG	333	330	1
MAP HOLDER	PUNHLD	VIP3000-3001	2.250	1
MASERFLEX 1/S DRIVE	COLE PARMER	7524-10	795	1
MASSPECTRM	EXTREL	ELQ-400	50.630	1
MASSSTRGCT	CDC	FA722-8	73.062	1
MASTER CAB		1	15.625	1
MCA	CANBER	3502	7.140	1
MCA	CANBERRA	3100	4.517	1
MCA	NUCDAT	ND6	9.850	1
MCA	TRACOR	TN17104K	28.288	3
MCRO/R MTR	LUDLUM	19	5.115	6
MEASUR MOD	CAMPBL	CR-10	970	1
MEASURESYS	HEWLETT PACK	5300B	455	1
MEASURING HOOD	SHORTRIDGE	CFM-88-3	0	1
MEASURING SYSTEM	KEITH	500	10.030	1
MEC-4	NUCLID	MEC-402	5.707	1
MEGAPHONE	CBLFRM	S-245	527	2
MEGAPHONE	CBLFRM	S245	264	1
MEGOHMETER	MITCHE	CE210600CL	899	1
MEMBRANE DESOLVATOR	CETAC	MDX-100	8.900	1
MEMORY SUB GROUP	TRACOR	TN171028	5.000	1
MEMORY SUBGROUP	TRACOR		0	1
MEMORY SUBGROUP	TRACOR	TN171028	2.975	7
MEMRYSUBGR	TRACOR	TN171028	425	1
MERC SYSTM	PERKIN	032954	6.025	1
METAL CUTTER SHEAR	METALX	PMU3020	1.550	1
METAL DETECTOR	GARRETT	SADS	400	1
METEOGRAPH	WEAMEA	M701	590	1
METER		PDR-102	540	1
METER		PDR-103	540	1
METER	KEITH	36155	275	1
METER	SENTRO	2001	995	1
METER COND	GEONC	EM31-DL	11.406	1
METER COND	GEONC	EM34-DL	16.772	1
METER GAS	ALPNUC	400	350	1
METER GAS	AMPMTR	DTM-115	788	1
METER GAS	AMPMTR	DTM1153	713	1
METER GAS	SNGER	DTM-115	642	1

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
METER PUR	BRNSTD	D2770	490	1
METER P-HR	EBERLINE	PRM-7	12.883	4
METER SOIL	SOIL	5910A	246	1
METER SURV	EBERLINE	ESP-2	2,397	2
METER SURV	EBERLINE	RO-3A	635	1
METER SURV	KEITH	36155	1,595	1
METER TEMP	ORION	520A	725	1
METERMOIST	COSA	CA-02	4,450	1
METERVAPOR	AID	590	5,850	1
METERVIBRA	VIBRA	350-A	1,134	1
METRFLUOXY	HOREC	5946-10	239	1
METRMAGSUS	GEOINS	JH-8	1,141	1
MICROBUFER	ACT	MICROBF	241	1
MICROBUFFR	ACT	02-50-364	241	1
MICROBUFFR	ACT	0250364	6,978	26
MICROBUFFR	ACT	0250364	964	4
MICROBUFFR	ACT	MICROBUF	2,060	6
MICROBUFFR	ACT	MICROBUF	386	1
MICROBUFFR	ACT	MICROBUF	28,425	79
MICROCOMPUTER	TOUCHE	486/33/555 0T	4,568	1
MICROFILM PROCESSING UNT	KODAK	1002807	13,606	1
MICROHARD	ZEISS	MHP1	6,451	1
MICROLOGER	CSI	CR21	2,800	1
MICROMETER	LUDLUM	19	2,610	3
MICROMETER	MITU	NMN	236	1
MICROMETER	MITUTO	8469ALL	236	1
MICROMNMTR	ALNOR	530	495	1
MICROPHONE	ARMACO	MP112	255	1
MICROPHONE	EDCOR	PM-5	510	2
MICROPHONE	LAFAT	ML-3	255	1
MICROPHONE	LAFAYE	99-46427	255	1
MICROPHONE	LAFET	99-46427	1,530	6
MICROPHONE	NADY	351VR	510	2
MICROPHONE	RELSTC	33-1056A	510	2
MICROPHONE	TELDYN	MC-057	255	1
MICROPHOTO	ZEISS	NMN	24,462	1
MICROSCOPE	B&L	31270142	2,630	2
MICROSCOPE	B&L	3270424A	1,245	1
MICROSCOPE	MICROD	100X	290	1
MICROSCOPE	NIKON	OPTIPHOT	27,912	1
MICROSCOPE	OLYMPS	NMN	838	1
MICROSCOPE	ZEISS	471690	33,364	3
MICROSCOPE	ZEISS	47-21-89	13,560	1
MICROSCOPE	ZEISS	NMN	23,598	1
MICROSEAL	MICRSL	VW-16	3,695	1
MICROWAVE	GE	JE2851	747	3
MICROWAVE LEAKAGE METER	HOLDAY	HI1501	500	1
MICROWAVE SYSTEM	CBM	MDS-81D	5,200	1
MICROYR METER	LUDLUM	19	835	1
MILL	K & T	205D12	18,605	1
MILL	THOMAS	4	4,100	1
MINIPROKIT	NVATRN	440PLUS	722	1
MINIPULSER	EBERLINE	MP-2	2,100	2
MINIRAM AEROSOL MONITOR	MIE	PDM-3	2,230	1
MINITOWER CABINET	HEWLETT PACK	C3034T	8,894	1
MINRL LITE	UVP	R-52G	476	1
MITER SAW	DEWALT	DW70W12	379	1
MIX CONSOL		2000	743	1
MIXER	RSHER	G560	214	1
MIXER	NORTH	NS-459	750	1
MIXER/ROUTR	CANBERRA	8222A	7,350	6
MIXR/ROUTR	CANBERRA	8222A	2,450	2
MIXT/ROUTR	CANBERRA	8222A	1,145	1
MNTRAERSOL	MIE	PDM-3	4,460	2
MOD UPGRDE	TKTRNX	XP350	1,612	1
MODEM	CAMPBL	DC112	294	1
MODEM	CXR CO	2445-FXD	400	1
MODEM	DOWTY	DCP3552	3,380	2
MODEM	GRID	G2442262GL C	2,845	1
MODEM	HAYES	08-00093	529	1
MODEM	MCRCOM	71-23	1,875	3
MODEM	MCRCOM	7123-0200	3,610	5
MODEM	MCRCOM	AX/9624C	2,637	3
MODEM	MCRCOM	QX/V-32C	3,300	2
MODEM	MCRCOM	QX4232	574	1
MODEM	MCRCOM	QX/4232	574	1
MODEM	MCRCOM	QX/4232	2,296	4
MODEM	MCRCOM	QX/4232BIS	1,013	2
MODEM	MCRCOM	QX/V.32C	825	1
MODEM	MCRCOM	QX\4232BIS	575	1
MODEM	MCRCOM	WX/4232	574	1
MODEM	MCROCM	QX/4232BIS	2,380	4
MODEM	MICROCOM	AX/96243	879	1
MODEM	MICROCOM	DESKPORTE	760	2
MODEM	MICROM	QX/4232BIS	571	1
MODEM	PRIFER	PM14400RXPP M	365	1
MODEM	TELBIT	T2SA	560	1
MODEM	USROBT	2400	5,170	12
MODEM	USROBT	2400B	648	2
MODEM	USROBT	9600	735	1
MODEM	USROBT	9600BPS	1,370	2

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
MODEM INTERNAL	HAYES	07-00038	389	1
MODEM INTL	HAYES	07-00038	600	1
MODEM INTL	HAYES	07-00056	3.427	4
MODEM INTL	HAYES	07-00056	510	1
MODEM INTL	RIXON	R212A	485	1
MODM SMART	HAYES	1002US	450	1
MODULE	CMPBEL	CR-10	2.795	1
MODULE	CMPBEL	SM192	352	1
MODULE	DORMAN	MC-1	1.645	1
MODULE	ETHRNT	MS-502	1.125	1
MODULE	NET	IM-506-ARCNT	4.500	1
MODULE	SMPLEC	CME	4 960	1
MODULE ANC	SMPLEC	CME	14.880	3
MODULESTRG	CAMPBL	SM-192	441	1
MODULTESTR	INNOVE	SIMM/SIP	875	1
MODUMETER	SOLOMT	2013	218	1
MODUMETER	SOLOMT	2019	404	1
MONOCHROMTR	RIGAKU	2726E1	5.860	1
MONITCOMM	IFR	FM/AM 1200S	7.476	1
MONITER	AAMAZING	14" SVGA	366	1
MONITOR			0	1
MONITOR		COMDIAL	0	1
MONITOR		CVP5468NR	325	1
MONITOR		MXA1F1	1.174	1
MONITOR		NMN	4.389	3
MONITOR	AAMAZING	14" SVGA	366	1
MONITOR	AAMAZING	14" SVGA	366	1
MONITOR	AAMAZING	14"	299	1
MONITOR	AAMAZING	14" SSVGA	366	1
MONITOR	AAMAZING	14" SVGA	2.728	8
MONITOR	AAMAZING	14" SVGA	9.542	21
MONITOR	AAMAZING	14" VGA	1.017	3
MONITOR	AAMAZING	14" VGA	1.383	4
MONITOR	AAMAZING	14"SVGA	705	2
MONITOR	AAMAZING	14"SVGA	299	1
MONITOR	AAMAZING	14"SVGACOLOR	1.080	3
MONITOR	AAMAZING	34841	366	1
MONITOR	AAMAZING	8428MX14	369	1
MONITOR	AAMAZING	AMA8428MX	366	1
MONITOR	AAMAZING	AMA8486TX	366	1
MONITOR	AAMAZING	CM 8486QX	366	1
MONITOR	AAMAZING	CM428MX	366	1
MONITOR	AAMAZING	CM8416MX	4.295	1
MONITOR	AAMAZING	CM8418MX	4.295	1
MONITOR	AAMAZING	CM8424MX	975	3
MONITOR	AAMAZING	CM-8428MX	366	1
MONITOR	AAMAZING	CM8428MX	19.316	49
MONITOR	AAMAZING	CM8428MX	12.267	21
MONITOR	AAMAZING	CM8428MXSVGA	366	1
MONITOR	AAMAZING	CM8466TX	0	1
MONITOR	AAMAZING	CM84860X	366	1
MONITOR	AAMAZING	CM-8486QX	1.831	5
MONITOR	AAMAZING	CM8486QX	1.831	5
MONITOR	AAMAZING	CM8486QX	1.098	3
MONITOR	AAMAZING	CM-8486TX	366	1
MONITOR	AAMAZING	CM8486TX/14	366	1
MONITOR	AAMAZING	CM8728MX	366	1
MONITOR	AAMAZING	NMN	678	3
MONITOR	ACER	7133D	0	1
MONITOR	ALPNUC	760T	20.600	1
MONITOR	AMANG	14" SVGA	366	1
MONITOR	AMAZMG	CM8428MX	825	1
MONITOR	AMAZNG	CM8428MX	732	2
MONITOR	AMDEK	710	978	2
MONITOR	APPLE	M5814LL\A	0	1
MONITOR	APPLE MACINT	M2346LL\A	0	1
MONITOR	BESTP	3.1KVA	2.901	1
MONITOR	CTX	CPS-1760LR	1.454	2
MONITOR	DIGITL	PC7XV-DE	400	1
MONITOR	EVERVW	EM-1428	260	1
MONITOR	EVERVW	EM-1428	260	1
MONITOR	GATEWAY 2000	17004AAWW	0	1
MONITOR	GATEWAY 2000	17004AAWW	715	1
MONITOR	GATEWAY 2000	CPD-15F13	0	3
MONITOR	GATEWAY 2000	CPD-15F13	0	5
MONITOR	GATEWAY 2000	CPD915F13	0	6
MONITOR	GATEWAY 2000	CS1024NI2G	1.974	2
MONITOR	GATEWAY 2000	CS1572CG	0	1
MONITOR	GATEWAY 2000	CS1572DG	2.659	7
MONITOR	GATEWAY 2000	CS1572DG	399	3
MONITOR	GATEWAY 2000	CS1572DGM	420	1
MONITOR	GATEWAY 2000	CS17762LE G	785	1
MONITOR	GATEWAY 2000	CS17762LEG	780	1
MONITOR	GATEWAY 2000	CPD-15F13	0	1
MONITOR	GATEWY	CS1024N12G	400	2
MONITOR	GOLDSTAR	1620	738	1
MONITOR	GOLDSTAR	1620 PLUS	738	1
MONITOR	GOLDSTAR	1620VGA	3.453	5
MONITOR	GOLDSTAR	1620VGA	1.403	2
MONITOR	GOLDSTAR	162OVGA	679	1
MONITOR	GOLDSTAR	MBM-2105A	0	1
MONITOR	IBM	5154001	1.356	2

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
MONITOR	IBM	COLOR	0	1
MONITOR	IDEM	MF-5117	900	1
MONITOR	MAGNVX	7CM329	359	1
MONITOR	MAGNVX	9CM032	314	1
MONITOR	MAGNVX	9CM062	718	2
MONITOR	MAGNVX	9CM082	731	2
MONITOR	MAGNVX	9CM082-0741	371	1
MONITOR	MAGNVX	9CM0820741	359	1
MONITOR	MAGNVX	CM8764	280	1
MONITOR	MAGNVX	CM9062	673	2
MONITOR	MAGNVX	CM9062	314	1
MONITOR	MAGNVX	CM9085	375	1
MONITOR	MAGNVX	CM9085	718	2
MONITOR	MGNAVX	CM9039194T	470	1
MONITOR	MITAC	M1564PD	0	1
MONITOR	MULTSY	JC1404HMA1	575	1
MONITOR	NAGNAV	CM9085	359	1
MONITOR	NEC	15" COLOR	800	1
MONITOR	NEC	17"COLOR	1,463	1
MONITOR	NEC	3FGE	1,153	2
MONITOR	NEC	3FGX	700	1
MONITOR	NEC	3FGX	647	1
MONITOR	NEC	APC-H530	900	1
MONITOR	NEC	JC1401P3	1,058	2
MONITOR	NEC	JC-1403HMA	1,204	3
MONITOR	NEC	JC-1403HMA	4,200	9
MONITOR	NEC	JC1403HMA	1,287	3
MONITOR	NEC	JC1403HMA	2,682	6
MONITOR	NEC	JC-1404-HMA	563	1
MONITOR	NEC	JC-1404HMA	1,206	2
MONITOR	NEC	JC1404HMA	1,025	2
MONITOR	NEC	JC1404HMA	480	1
MONITOR	NEC	JC1531VMA	3,883	5
MONITOR	NEC	JC-1531VMA-2	769	1
MONITOR	NEC	JC-1532VMA	615	1
MONITOR	NEC	JC-1532VMA	8,094	13
MONITOR	NEC	JC1532VMA	6,525	10
MONITOR	NEC	JC1532VMA	1,255	2
MONITOR	NEC	JC-1532VMA-2	1,170	2
MONITOR	NEC	JC1532VMA-2	530	1
MONITOR	NEC	JC1532VMA2	1,184	2
MONITOR	NEC	JC1532VMAN	591	1
MONITOR	NEC	JC1731VMA	1,170	1
MONITOR	NEC	JC17411UMA	1,308	1
MONITOR	NEC	JC-1741UMA	1,330	1
MONITOR	NEC	JC1741UMA	5,385	4
MONITOR	NEC	JC2002VMA	2,131	1
MONITOR	NEC	JC532VMA	615	1
MONITOR	NEC	KC-1532VMA-2	588	1
MONITOR	NEOTRN	50-0D	1,716	1
MONITOR	PACKARD		0	1
MONITOR	PERKN	7500	2,820	1
MONITOR	PRNCE	1400	550	1
MONITOR	PRNCE	ULTRA 14	549	1
MONITOR	PRNCE	ULTRA1400	529	1
MONITOR	REUTER	RS112	455	1
MONITOR	SMSUNG	CVL4955	249	1
MONITOR	SONY	CPD-1304	0	1
MONITOR	SONY	PVM1343MD	1,050	1
MONITOR	STARWEST	14" VGA	678	2
MONITOR	STARWEST	486/33	2,086	1
MONITOR	TATUNG	14AUS	1,017	3
MONITOR	TATUNG	CM-14AUS	1,695	5
MONITOR	TATUNG	CM14AUS	1,017	3
MONITOR	ZENITH	ACM-1450	392	1
MONITOR	ZENITH	ACM1540UT	360	1
MONITOR	ZENITH	ACM1790BA01	0	1
MONITOR	ZENITH	ZCM1390	13,977	33
MONITOR	ZENITH	ZCM1390A	1,240	3
MONITOR	ZENITH	ZCM1390AZ	4,753	11
MONITOR	ZENITH	ZCM-1390-A/Z	496	1
MONITOR	ZENITH	ZCM1390Z	7,166	16
MONITOR	ZENITH	ZCM-1430	1,014	3
MONITOR	ZENITH	ZCM1430	338	1
MONITOR	ZENITH	ZCM-1430-BA	338	1
MONITOR	ZENITH	ZCM1430BA	676	2
MONITOR	ZENITH	ZCM-1440-DT	858	2
MONITOR	ZENITH	ZCM-1440-UT	429	1
MONITOR	ZENITH	ZCM-1450-UT	380	1
MONITOR	ZENITH	ZCM1450UT00	381	1
MONITOR	ZENITH	ZCM-1450-UT1	360	1
MONITOR	ZENITH	ZCM1490	7,859	13
MONITOR	ZENITH	ZCM1490SE	649	1
MONITOR	ZENITH	ZCM1490SW	11,273	19
MONITOR	ZENITH	ZCM1490Z	5,433	9
MONITOR	ZENITH	ZCM-1492	5,030	3
MONITOR	ZENITH	ZCM1492	2,327	4
MONITOR	ZENITH	ZCM1492Z	1,348	2
MONITOR	ZENITH	ZCM-1540-UT	509	1
MONITOR	ZENITH	ZCM1540UT	360	1

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
MONITOR	ZENITH	ZCM1540UT0 C	440	2
MONITOR	ZENITH	ZCM-154-UT- :	478	1
MONITOR	ZENITH	ZCM-1790	1.220	1
MONITOR	ZENITH	ZMM149P	165	1
MONITOR	ZENITH	ZVM-133	756	2
MONITOR	ZENITH	ZVM-135	987	3
MONITOR C	DIGITAL EQP	PM363-PK	4.064	1
MONITOR C	DIGITAL EQP	VRT19-DA	4.064	1
MONITOR C	IBM	5154001	678	1
MONITOR C	NEC	JC1401P3	3.366	6
MONITOR C	NEC	JC1402HMA	6.349	11
MONITOR C	NEC	JC-1403HMA	3.226	6
MONITOR C	NEC	JC1403HMA	5.672	11
MONITOR C	NEC	JC1404HMA	3.024	4
MONITOR C	NEC	JC-1404HMA- :	540	1
MONITOR C	NEC	JC1501VMA	3.684	4
MONITOR C	NEC	JC1601VMA	2.295	2
MONITOR C	NEC	JC2002VMA	4.376	2
MONITOR C	NEC	JC2002VMA1	2.131	1
MONITOR C	QUASAR	TT6278YW	390	1
MONITOR C	ZENITH	ZCM1390	848	2
MONITOR C	ZENITH	ZCM1390Z	730	2
MONITOR C	ZENITH	ZCM-1492	629	1
MONITOR C	ZENITH	ZVM-135	479	1
MONITOR TV	RCA	FMR720	540	1
MONITOR TV	SONY	PVM 2550	2.974	1
MONITOR TV	ZENITH	SS6015W	300	1
MONITOR WL	SIERLINE	WLM-1	30.347	13
MONITOR WL	SIERLINE	WLM-1A	12.375	5
MONITOR (PLASMA II SYS)	PRINCETON	ULTRA 1400	976	1
MONITOR (W/ICP SYS)			0	1
MONITOR (W/VCR)	RCA	FKC2023S	899	1
MONITOROXY	DELTAF	500	1.885	1
MONITORRAD	GJFO	NMN	26.496	4
MONITR RAD	PYLON	AB-5	4.809	1
MONONMETER	DWYER	400-10	262	1
MONOTOR C	NEC	JC1404HMA	639	1
MONTR HEAT	VISTA	858	2.790	2
MONTR SURV	SUMMIT	SIP1000	28.395	6
MONTR VAPR	XONTEC	GC-810	10.472	1
MONTRVAPOR	PHTVAC	TIPII	3.900	1
MONVRECORD	PANASONIC	AG-513A	495	1
MONVRECORD	PANASONIC	AG513A	495	1
MOTOR	BALDOR		230	1
MOTOR	BALDOR	M3313T	260	1
MOTOR	SE	NMN	296	1
MOTOR 12 VLT 18HP	BRIGGS/STRAT	8TWIN II	0	1
MOUNTCAMRA	RIGAKU	1300	675	1
MOWER	TROYBT	34308	1.453	1
MSDS DELIVERY SYSTEM	MILLIPORE	M-600	12.978	1
MSTR SPORT	ZENITH	ZZWL-320-60	4.540	2
MTR RESIST	BARDID	653*	350	1
MTRCONDUCT	YLW SPRINGS	32FL	2.139	2
MULE	KWASKI	KAF300AL	3.409	1
MULE	KWSAKI	KAF300AL	3.409	1
MULTI CONNECT REPEATER	3COM	30588-12TP	1.039	1
MULTI CONNECT REPEATER	3COM	3C588	12.971	13
MULTI CONNECT REPEATER	3COM	3C588	997	1
MULTI CONNECT REPEATER	3COM	3C588-12TP	3.947	4
MULTIBUFFR	ORTEC	NS918A	11.841	3
MULTIBUFFR	ORTEC	NS918-OPT5	10.188	3
MULTICHANNEL ANALYZER	TRACOR	TN1710-4K	9.444	1
MULTICHANNEL ANALYZER	TRACOR	TN17104K	33.378	3
MULTIMETER	FAIRCH	7050	302	1
MULTIMETER	FLUKE	87	891	3
MULTIMETER	HEWLETT PACK	3435A	275	1
MULTIMETER	HEWLETT PACK	HP3476B	275	1
MULTIMETER	SIMPSN	260	460	2
MULTIMETER	SIMPSN	360-2	398	1
MULTIMETER	TEKTRONIX	7D13	630	1
MULTIMETER	TEKTRONIX	DM501	460	1
MULTIMETER	TEKTRONIX	DM501A	866	2
MULTIMETER	TEKTRONIX	DM502A	1.569	3
MULTIMETER	TEKTRONIX	TM515/05	388	1
MULTIPLEXER	TRACOR NORTH	1710-5	1.462	1
MULTIPLEXR	CDC	DY-200A	32.849	1
MULTIPLEXR	IBM	3299-002	458	1
MULTIPLEXR	IBM	3299-2	1.311	3
MULTIPLEXR	MICOM	ME724D	1.070	2
MULTIROUTER	TRACOR	TN1710-5	1.462	1
MULTIROUTER	TRACOR	TN17105	1.462	1
MULTIROUTR	ORTEC	NS47616A	8.299	3
MULTIROUTR	ORTEC	NS476-4A	2.924	2
MULTMTRONT	HEWLETT PACK	5306A	713	1
MULTMTRDIG	FLUKE	8600A	531	1
MVII	DIGITAL EQP	VAXII	77.015	1
NAILER	PASLOD	3250-F16	400	1
NAILER	PASLOD	5300	553	1
NAILER	PASLOD	5300 PLUS	415	1

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
NAILER	PASLOD	MU-212 F	388	1
NAILER	STANLY	N12B1	399	1
NAI(I)DETEC		DS5-3-P	1.098	1
NEBULIZER	CETAC	U-5000	14.900	1
NETPORT	GLTRNX	1000	413	1
NETPORT	INTEL	PCLA2121	707	2
NETPORT	INTEL	PCLA2131	422	1
NETPORT PRINT SERVER	INTEL	EXPRESSXL	0	1
NETPORT PRINT SERVER	INTEL	PCLA2131	1.696	4
NETPORT SERVER	INTEL	601	466	1
NETPORT SERVER	INTEL	NMN	480	1
NETPORT SERVER	INTEL	PCLA2121	470	1
NETPORT SERVER	INTEL	PCLA2122	462	1
NETPORT SERVER	INTEL	PCLA2131	1.748	4
NETPORT XL PRINT SERVER	INTEL	PCLA2131	904	2
NETWORK BRIDGE	CBLTRN	NB-29E	2.195	1
NETWORK HUB	KALPANA	EPS-2015-RS	12.630	2
NETWORKCON	DIGITAL EQP	DELNI-AA	3.269	1
NEUTCOUNTR	EBERLINE	PNR-4	2.250	2
NEUTRN CSK	REACEX	PIG	5.010	1
NEUTRNTOOL	MT SOPRIS	LLP-2676	7.200	1
NEUTRON MONITOR	NEUCRC	NP-2	1.575	1
NIBBLR MTL	MORN	MN70	553	1
NIMBIN	BFEDGJ	NMN	1.446	2
NIMBIN	BNC	AP-1/A	723	1
NIMBIN	BNC	AP-2H	1.446	2
NIMBIN	CANBERRA	1400	1.204	2
NIMBIN	CANBERRA	2000	3.506	5
NIMBIN	ORTEC	401A	835	1
NIMBIN	ORTEC	401A	2.353	3
NIMBIN	ORTEC	401A402A	647	1
NIMBIN	ORTEC	401B	3.158	4
NIMBIN	ORTEC	401B402D	1.944	2
NIMBIN	ORTEC	402M	532	1
NIMBIN	ORTEC	420H	872	1
NIMBIN	TENLEC	3-	608	1
NIMBIN	TENLEC	NMN	260	1
NIMBIN	TENLEC	TB3TC911	729	1
NIMBIN	TENLEC	TB3/TC911	925	1
NIMBIN	TENLEC	TC911	5.422	8
NIMPWRSUPL	EG&G	M125/N	809	1
NINPWRSPLY	HEWLETT PACK	5580B	1.650	2
NINPWRSPLY	ORTEC	NS4002A	1.948	2
NINPWRSPLY	ORTEC	NS4002D	1.552	1
NOISE DOSIMETER	QUEST	M-7B	635	1
NOISE DOSIMETER	QUEST	MICRO-14	4.360	5
NOISE LEVEL DOSIMETER	QUEST	MICRO-14	872	1
NOMAD	EG&G	92X-P	9.354	1
NOTEBOOK COMPUTER	ASSOC MEGA	TRMJPRO 5300	2.194	1
NSECDELAY	CANBERRA	2058	249	1
NTWK PROC	CDC	2551	58.921	1
OBJECT MONITOR	EBERLINE	LRAD I	0	1
OCS CAMERA	TEKTRONIX	C51	1.371	1
OPT PRINTR	FORDX	S5	13.286	1
OPTHMSCOPE	WALLEN	5261191705	364	1
OPTICAL JUKEBOX SYSTEM	DIGITAL	RE530-ZC	17.424	1
OPTICALBEN	NICOLT	510P	20.140	1
OSC CAMERA	TEKTRONIX	C30 ARGUS	885	1
OSCILLOSCOPE	HARDIGG	M092510015	1.277	1
CASE		00		
OSCILOGRPH	HNYWEL	906C	3.511	1
OSCILSCOPE	TEKTRONIX	T201	995	1
OSCILSCOPE	TKTRNX	2232	4.695	1
O-SCOPE		PM3218	1.735	1
O-SCOPE		PM3218Q	1.735	1
O-SCOPE	HEWLETT PACK	HP1744A	5.198	1
O-SCOPE	TEKTRONIX	213DMM	1.164	1
O-SCOPE	TEKTRONIX	335	3.628	2
O-SCOPE	TEKTRONIX	453	3.944	2
O-SCOPE	TEKTRONIX	465	2.472	1
O-SCOPE	TEKTRONIX	7603	23.638	3
O-SCOPE	TEKTRONIX	7633	4.439	1
O-SCOPE	TEKTRONIX	7844	5.349	1
O-SCOPE	TEKTRONIX	R7603	1.843	1
O-SCOPE	TEKTRONIX	SC504	14.549	8
OVEN		CONVECTION	1.550	1
OVEN	HOTPNT	OVEN	1.272	1
OVEN	PRESC	STM135	1.950	1
OVEN	PRESCI	1258	220	1
OVEN LAB	AMCHEM	STM-80	1.600	1
OVENCONVEC	PRECSN	STG145	1.400	1
OVENDRYING	DESPAT	V31	10.735	9
OVENDRYING	DESPAT	V-31-2	1.071	1
OVERHEAD MIXER	LIGHTIN	2653-0002	1.503	1
OVERHEAD PROJECTOR	3M	213	438	1
OVERHEAD PROJECTOR	3M	313	376	1
OVERHEAD PROJECTOR	3M	5088-88BGC	255	1
OVERHEAD PROJECTOR	3M	5088-88BGC	274	1
OVERHEAD PROJECTOR	CHABES	15700DYST	260	1
OVRHD PROJ	APOLLO	AI-1000	238	1
OXYGEN MTR	YLW SPRINGS	57	560	1

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
P M STIRS	LBLINE	1287-1	1.890	1
PA SYSTEM	EXECUT	305-PA	304	1
PAGE SYSTM	MOTOROLA	T1600BM	5.000	1
PAGER	GE	P8A15	237	1
PAGER	GE	P8LBW6KA	4.046	17
PAGER	GE	PSA15	520	2
PAGER	GE	SR52VT	529	2
PAGER	NEC	3P3-3A	3.156	14
PAGER	SHINWA	SR52VT	3.095	12
PAGING ENCODER	ZETRON	M640 DAOT	6.600	1
PAINT STRIPER	EZLINE	233-S	990	1
PAINTSHAKR	HINSON	3100	236	1
PAINTSPRAY	KRAFT	1065P33A	603	1
PALLET TRUCK	ST	L-2000 U	625	1
PANEL	SCOTT	IR501B4PM	3.728	8
PAPER CUTR	CHALLE	MB-305	4.412	1
PAPER CUTR	UNICOL	380	4.412	1
PAPER DRL	CHALLE	CENTURY	1.026	1
PAPER SHREDDER	IDEAL	2000	598	2
PAPER SHREDDER	MICHAEL	2000	279	1
PAPER TRAY	HEWLETT PACK	HP-781B	225	1
PAPERJET	ASCO	HCF-7151	510	1
PARTICLE SIZING SYSTEM	TSI	3020	21.950	1
PASSIVE RADON MONITOR	EDA	RDT-310	575	1
PASVRADMON	EDA	RDT-310	4.025	7
PATROLSCAN TOUCHPROBE	FACILITIES C	PSP-15	1.638	1
PEAK SEARCH	TRACOR	TN171015	1.437	2
PEAK SEARCH MODULE	TRACOR	TN171015	8.720	6
PEAKSRCHMD	TRACOR	TN171015	750	1
PERISTALIC PUMP	RENOLP	610-100	550	1
PERSONAL AEROSOL MONITOR	MIE	MINIRAM	5.800	2
PH METER	CORNING	220	2.014	4
PH METER	CORNING	610A	647	1
PH METER	ORION	399AL	884	2
PH METER	ORION	520A	2.478	3
PH METER	ORION	52A	682	1
PH METER	ORION	SA250	442	1
PH METER SET	CORNING	CHECKMATE 90	428	1
PHONEMAIL SYSTEM	ROLM		0	1
PHOTODISCR	MECHTR	511	453	1
PHOTOM TBE	HMATSU	R2486-06	5.243	1
PHOTOMETER	ATI	TDA-2EN	4.745	1
PHOTOMULTI	SAI	NMN	10.000	2
PILEUPGATE	EG&G	GP100-N	572	1
PIPE MACH	RIDGID	801A	3.091	1

PROPERTY DESCRIPTION	MANUFAC	MODEL	C
PIPECUTTER	RIDGID	206	
PLANER	TRSPWR	LS24A	2.
PLANIMETER	K&E	520015	
PLANIMETER	TAMAYA	PLANIX 8	
PLATE COMPACTER	MIKASA	MVC62	1.
PLATFORM	BRECO	PLATFORM	
PLOTCONKIT	WIRANL	WA3000R	
PLOTTER	CALCOM	1077	21.
PLOTTER	EG&G	RE0082	2.
PLOTTER	GOULD	6320	1
PLOTTER	GULTON	ST-200HZP	5.
PLOTTER	HEWLETT PACK	7475A	1.
PLOTTER	HEWLETT PACK	7570A	3.
PLOTTER	HEWLETT PACK	7595A	15.
PLOTTER	HEWLETT PACK	7595B	5.
PLOTTER	HEWLETT PACK	7595C	5.
PLOTTER	HEWLETT PACK	7596A	7.
PLOTTER	HEWLETT PACK	C2859Y ABA	7.
PLOTTER	HEWLETT PACK	HP-7475A	1.
PLOTTER	HEWLETT PACK	HP-GL\2	7.
PLOTTER	HEWLETT PACK	JET 600	6.
PLOTTER	HOUSTN	DMP-40-2	
PLOTTER	ROLAND	DPX-2000	50.
PLOTTER	ROLAND	DPX-2500	3.
PLOTTER	TEKTRONIX	4662	4.
PLOTTER	VRSTAC	C2700	7.
POINTCOUNT	JSWFT	NMN	1.
POLARANSYS	EG&G	384-4	13.
POLYCORDER	OMNIDATA	4CF00H07	3.
PORT PUMP	MSA	479680	24.
PORT PUMP	MSA	FLOWLITE	1.
PORT PUMP	MSA	G	5.
PORT PUMP	MSA	S	1.
PORTABLE DOWNFLOW ROOM	CUSTOM FLTR	PDF-40	4.
PORTABLE LIGHT	WOBBLE	PORTABLE	1.
PORTABLE OSCILLOSCOPE	LECROY	9354AM	15.
PORTABLE OXYGEN	HUDSON	2050	
PORTABLE PUMP	MSA	479680	13.
PORTABLE PUMP	MSA	FLOWLITE	
PORTABLE SCALER	LUDLUM	2000-	6.
PORTACRANE		5311E1	1.
PORTSCALER	LUDLUM	2000-	20.
PORTSCALER	LUDLUM	2200-12	5.
POSTPRNTR	VARTRN	3408-00	2.
POWER CONDITIONER	ONEAC	CS2348	2.

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
POWER CONTROL MONITOR	GENEST	HYGRO	695	1
POWER MODULE	TEKTRONIX	RTM506	381	1
POWER SHEAR	BOSCH	060-1507034	475	1
POWER SUPPLY	BEST POWR TC	FE700VA	1,049	1
POWER SUPPLY	BSTPWR	FD4.3KVA	6,535	1
POWER SUPPLY	FERRUP	ME700VA	836	1
POWER SUPPLY	ORTEC	446	595	1
POWER SUPPLY	ORTEC	456	595	1
POWER SUPPLY	TENLEC	TC909/MB	895	1
POWER SUPPLY (UPS)	TRIPP LITE	BC750LN	319	1
POWER SYSTEM	ELGAR	UPS252-1	4,955	1
POWERSAVER	COMACC	U1200	1,801	2
POWR CONDR	CITADL	LC1800	799	1
PR SERVER	INTEL	NETPORT II	499	1
PR SERVER	INTEL	NETPORT II	499	1
PREAMP	CANBER	1405-	260	1
PREAMP	CANBERRA	1409	260	1
PREAMP	HEWLETT PACK	5554A	260	1
PREAMP	ORTEC	113	520	2
PREAMP	ORTEC	142A	940	2
PREAMP	TENLEC	TC174	425	1
PREAMP	TENLEC	TC175FET	780	3
PREAMP	TRACOR	TN17101	13,890	1
PREAMPLFR	PRNCTN	PO-14B	1,250	1
PREP SYSTM	CBM	MDS-2100	13,338	1
PRESENTATION EASEL	QUARLET	100E	345	1
PRESR INDC	SINCO	51411-A	3,379	1
PRESS	OAKE	907002	2,645	1
PRESS DRL	JET	JET-6	525	1
PRESSURE INDICATOR	TRANSMETRIC	466/12	589	1
PRINT BAR	ZEBRA	Z130	5,904	1
PRINTER			0	1
PRINTER	ALNOR	NMN	335	1
PRINTER	CASIO	264	4,934	10
PRINTER	DATA PROD	8070	0	1
PRINTER	DATPRD	SPG8072	1,355	1
PRINTER	DICONX	150	1,373	4
PRINTER	DICONX	150-P	324	1
PRINTER	DICONX	150P	320	1
PRINTER	DIGITAL EQP	LA75	1,075	2
PRINTER	DIGITAL EQP	LA75-A2	1,090	2
PRINTER	DIGITAL EQP	LA75-CA	582	1
PRINTER	DIGITAL EQP	LA75P-CA	4,290	7
PRINTER	E KODK	180SI DICONX	294	1
PRINTER	EKODAK	DICONIX 180S	298	1
PRINTER	EPSON	FX-185	525	1
PRINTER	EPSON	LQ-1050	1,486	1
PRINTER	EPSON	LQ-2550	1,019	1
PRINTER	EPSON	LQ-850	1,090	1
PRINTER	EPSON	LQ850	559	1
PRINTER	EPSON	LX800	434	1
PRINTER	GILIAN	C800274	223	1
PRINTER	HEWLETT P	HP550C	1,315	1
PRINTER	HEWLETT PACK	3630A	1,011	1
PRINTER	HEWLETT PACK	82905B	795	1
PRINTER	HEWLETT PACK	C2037A	1,395	1
PRINTER	HEWLETT PACK	C2037A	1,377	1
PRINTER	HEWLETT PACK	DESKJET 500C	699	1
PRINTER	HEWLETT PACK	HP82162A	1,954	1
PRINTER	IBM	4202001	0	1
PRINTER	IBM	6252AS2	10,586	1
PRINTER	IBM	6262	23,090	1
PRINTER	IRVINE	P6280L	7,556	1
PRINTER	ITOH	5810-	1,382	1
PRINTER	MATOKI	CP-110	6,415	1
PRINTER	NEWGEN	SLB-600	13,850	1
PRINTER	PERKIN	P-132	2,585	1
PRINTER	PERKIN	SPG8050	2,070	1
PRINTER	PRIMAG	90GT	877	1
PRINTER	PRIMAG	STET 90-GT	877	1
PRINTER	PRNTEK	PRO 4003	2,995	1
PRINTER	PYLON	PPT-1	1,225	1
PRINTER	TEKTRONIX	TEKPHSR 2001	5,328	1
PRINTER	TI	TI810	1,735	1
PRINTER	TKTRNX	033-089	4,393	1
PRINTER	TOSHIBA	P321SL	699	1
PRINTER	TOSHIBA	P351	988	1
PRINTER	TSI	8902	1,995	1
PRINTER	VARIAN	6040L	6,204	1
PRINTER	XEROX	71S29	595	1
PRINTER LASERJET 4+	HEWLETT PACK	C2037A	2,810	1
PRINTER (LASERJET 4)	HEWLETT PACK	C2037A	1,399	1
PRINTER (LASERJET)	HEWLETT P	C2037A	1,399	1
PRINTER (W/CP-OES)			0	1
PRINTER CP	DICONX	150P	2,746	1
PRINTER CP	EPSON	FX-100	2,545	1
PRINTER CP	EPSON	FX-100+	1,010	1
PRINTER CP	EPSON	FX-1050	9,267	1
PRINTER CP	EPSON	FX-286	1,758	1
PRINTER CP	EPSON	FX-286E	4,86	1

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
PRINTER CP	EPSON	FX-850	1,187	3
PRINTER CP	EPSON	LQ-1050	17,804	23
PRINTER CP	EPSON	LQ-2550	17,555	18
PRINTER CP	EPSON	LQ-510	298	1
PRINTER CP	EPSON	LQ-850	2,751	5
PRINTER CP	HEWLETT PACK	HP-2225D	410	1
PRINTER CP	IBM	PROII	896	2
PRINTER CP	IBM	QUICKWRIT	1,314	1
PRINTER CP	NEC	3515	1,626	1
PRINTER CP	NEC	7715	2,275	1
PRINTER CP	NEC	P5200	832	1
PRINTER CP	STAR	ICX	520	2
PRINTER CP	TOSHIBA	P321SL	1,989	4
PRINTER CP	TOSHIBA	P341	1,612	2
PRINTER CP	TOSHIBA	P341E	756	1
PRINTER CP	TOSHIBA	P341SL	10,825	16
PRINTER CP	TOSHIBA	P351	14,256	11
PRINTER CP	TOSHIBA	P351C	1,217	1
PRINTER CP	TOSHIBA	P351C/2	1,235	1
PRINTER CP	TOSHIBA	P351SX	10,354	9
PRINTER CP	TOSHIBA	P351/2	1,790	2
PRINTER FOR CALIBRATOR	GILIAN	C800274	446	2
PRINTER FOR CALIBRATOR	GILIAN	D-800274	702	3
PRINTER FOR CALIBRATOR	GILIAN	DPU-40	223	1
PRINTER FOR CALIBRATOR	GILIAN	DPU40	234	1
PRINTER LASERJET IV	HEWLETT PACK	LASERJET 4	0	1
PRINTER SHARING DEVICE	GILTRN	PSD8000R	387	1
PRINTER (DESKJET COLOR)	HEWLETT PACK	560C	569	1
PRINTERLAS	DIGITAL EQP	LN03S-AA	2,787	1
PRINTERPLOTTER	HEWLETT PACK	HP82162A	397	1
PRISM FINDER	BRNICA	GS-1	625	1
PROBE	FLUKE	80F-15	1,740	3
PROBE	HEWLETT PACK	1141A	1,675	1
PROBE	HNUSYS	NMN	375	1
PROBE	LUDLUM	43-10	1,080	2
PROBE	LUDLUM	43-10-1	645	1
PROBE	LUDLUM	43-5	21,373	57
PROBE	LUDLUM	43-9	375	1
PROBE	LUDLUM	44-5	405	1
PROBE	LUDLUM	44-9	1,830	2
PROBE	LULDUM	43-5	750	2
PROBE	NETEC	NMN	730	1
PROBE	YLW SPRINGS	5730	529	1
PROBE FET	TEKTRONIX	P6201	2,560	2
PROBE GAMA	EBERLINE	SPA-3	2,599	4
PROBEALPHA	EBERLINE	AC-3-7	518	1
PROBECURR	TEKTRONIX	P6042	625	1
PROCESSING SINK	CALUMT	GA162	1,200	1
PROCESSOR	AMT	ST4402	1,005	1
PROCESSOR	ILFORD	CAP-40	2,139	1
PROCESSOR	MOORE	3510	7,219	1
PROCESSOR	NUARC	P1400	625	1
PROCESSOR	TRACOR	TN17109	960	2
PROGRAMMER	MAXON	SMP-4000	200	1
PROGRAMMER	TRACOR	TN17107	1,980	4
PROHOOD	BRNICA	BA1321	454	1
PROJ OVRHD	APOLLO	AI-1000	229	1
PROJ OVRHD	APOLLO	AI-1000	467	2
PROJ OVRHD	B&H	3890A	287	1
PROJ SLIDE	KODAK	EKTAIIIA	599	1
PROJ SLIDE	KODAK	EKTAIIIA	599	1
PROJ UNIT	TELEX	5086	1,369	1
PROJECTION PANEL			0	1
PROJECTION PANEL	NFOCUS	700FX	3,373	1
PROJECTION SCREEN	DAYLIT	DAYLIGHT	207	1
PROJECTOR	3M	213	438	1
PROJECTOR	3M	213AKD	368	1
PROJECTOR	APOLLO	AI-1003	228	1
PROJECTOR	APOLLO	AI2000	277	1
PROJECTOR	BUHL	920-010	1,022	1
PROJECTOR	B&H	1552	435	1
PROJECTOR	B&H	1592C	435	1
PROJECTOR	DA-LIT	G-100-LT	210	1
PROJECTOR	NEC	GP-5000	16,705	1
PROJECTOR SCREEN	DALITE	B	224	1
PROTABLE PUMP	MSA	479680	1,278	3
PROWRITER	CITOH	8510A	696	1
PRSR TRNSM	AIR MN	5000A	1,620	1
PSA	HARSHAW	NC25A	1,650	1
PUL ANALYZ	BRNTWD	SPIROSCAN	3,019	1
PUL TESTER	SPIROM	3350	2,955	1
PULLNGSYS	GRNLEE	586	3,688	1
PULSE GENR	BERNUC	DB-2	1,242	1
PULSE GENR	BNC	PB2	1,157	1
PULSE GENR	BNC	PB-3	1,157	1
PULSE GENR	BNC	PB4	1,726	1
PULSE GENR	CANBERRA	1407P	574	1
PULSE GENR	CANBERRA	1407R	574	1
PULSE GENR	DATPUL	106-A	1,918	2
PULSE GENR	EBERLINE	MP-2	1,344	1
PULSE GENR	PHILIP	PM571509Q	1,062	1
PULSE GENR	TEKTRONIX	PG508	3,673	3

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
PULSER	BRUN	MP-2	1,050	1
PULVERIZER		NMN	355	1
PULVERIZER	BICO	UA	9,927	3
PULVERIZER	BRAUN	UA53	1,084	1
PULVERIZER	REULND	S-60890-B	3,760	1
PULVERIZER	TMENG	NMN	7,437	1
PUMP	BURKS	GNA-6	771	2
PUMP	COLPAR	7570-10	670	1
PUMP	DUPONT	GN-8P	5,787	6
PUMP	FSHER	D8A	3,678	3
PUMP	GAST	DA-P103-GB	357	1
PUMP	MGNTEK	816455520	205	1
PUMP	NPTUNE	300-S	575	1
PUMP	SARGEN	1400	946	1
PUMP	SKC	224-PCXR7	1,485	3
PUMP	SKC	224-PCXR8	855	2
PUMP	SKC	228-501	690	2
PUMP	SNSDYN	70106571	500	2
PUMP	SNSDYN	NMN	315	1
PUMP	SUPELC	SP-130	560	1
PUMP	USELEC	ED-12M	1,526	1
PUMP	VWR	E2M8	1,635	1
PUMP CALIB	MSA	A	730	2
PUMP HEAD	COLE PALMER	7529-80	475	1
PUMP INJCT	NEPTUN	363-60	549	1
PUMP ION	VARIAN	911-5031	914	1
PUMP METER	FLUMET	RPD	330	1
PUMP METER	FLUMET	RP-D-2	330	1
PUMP SAMP	BARNAN	7570	762	1
PUMP STATN	ORTEC	E2M8	2,410	1
PUMP SUMP	TEEL	3P544D	304	1
PUMP W/CAN	WILSON	1230CU	453	1
PUMP (ONE OF 5 IN KIT)	SKC	224-PCXR8	3,275	2
PUMP (ONE OF 5 IN KIT)	SKC	224PCXR8	0	1
PUMPBREATH	RHINE	13-2	896	1
PUMPMETER	MLTROY	A141-155X	770	2
PUMPTURMOL	BALZER	TPV270	11,950	1
PUMP(ONE OF 5 IN KIT)	SKC	224-PCXR8	0	2
PUNCH	GBC	111PM-2	2,542	1
PUNCHDRIVE	GRENLE	7310SB	943	1
PUNCHDRIVE	GRENLE	7646	942	1
PURGE AND TRAP W/A.SAMPLR	DYNATECH	505201	50,434	2
PURGESMPLR	EXTREL	LSC2000	9,900	1
PURIFIER	SUPELC	2-3800M	395	1
PWR MODULE	HEWLETT PACK	1142A	820	1
PWR MODULE	TEKTRONIX	TM504	349	
PWR MODULE	TEKTRONIX	TM515	1,120	
PWR SOURCE	PWRDES	5020*	825	
PWR SUPLLY	BEST	NMN	11,113	
PWR SUPPLY	BERASC	342	460	
PWR SUPPLY	BEST	ME1.8KVA	2,116	
PWR SUPPLY	BEST	ME700VA-BH	781	
PWR SUPPLY	BESTP	ME700VA	1,065	
PWR SUPPLY	BRTHLD	315	470	
PWR SUPPLY	BRTHLD	342	2,110	
PWR SUPPLY	BST PR	ME700VA	836	
PWR SUPPLY	BST PW	FD18KVA	8,980	
PWR SUPPLY	BSTPWR	SPS450B	279	
PWR SUPPLY	BSTPWR	SPS450B	279	
PWR SUPPLY	CAC	PS1000	792	
PWR SUPPLY	CANBERRA	3002	1,780	
PWR SUPPLY	CANBERRA	3005	436	
PWR SUPPLY	CANBERRA	3005R	732	
PWR SUPPLY	CANBERRA	4261A	1,521	
PWR SUPPLY	CETAC	ATX-99-0001	2,900	
PWR SUPPLY	CNBERA	31060	840	
PWR SUPPLY	COMACC	U1000	2,015	
PWR SUPPLY	FERRUP	ME700VA	836	
PWR SUPPLY	HEWLETT PACK	6114A	886	
PWR SUPPLY	HEWLETT PACK	6206B	1,772	
PWR SUPPLY	HEWLETT PACK	6228B	841	
PWR SUPPLY	HEWLETT PACK	6271B	1,314	
PWR SUPPLY	HEWLETT PACK	6299A	1,772	
PWR SUPPLY	HEWLETT PACK	6438B	840	
PWR SUPPLY	IBM	9309-002	1,921	
PWR SUPPLY	KEITH	247	5,216	
PWR SUPPLY	KEPCO	KS8-15M	703	
PWR SUPPLY	LAMBDA	LE101M	540	
PWR SUPPLY	NIMBIN	NS4001/4002D	1,790	
PWR SUPPLY	ORTEC	456	595	
PWR SUPPLY	ORTEC	456	1,145	
PWR SUPPLY	ORTEC	495	540	
PWR SUPPLY	PERKIN	00570761	3,85	
PWR SUPPLY	PERKIN	057-0759	1,42	
PWR SUPPLY	PERKIN	057-0761	1,58	
PWR SUPPLY	PGT	315A	1,00	
PWR SUPPLY	PWRDES	5020	1,65	
PWR SUPPLY	PWRDES	AEC5000		
PWR SUPPLY	STODRD	STD91923-2	40	
PWR SUPPLY	SYSDON	RS320-2C	4	
PWR SUPPLY	TEKTRONIX	PS501-2		

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
RECORDER	LANIER	MS-105	249	1
RECORDER	LANIER	MS-60	1,755	8
RECORDER	L&S	68	811	1
RECORDER	MARANTZ	PMD201	399	1
RECORDER	PANASONIC	RR-930	224	1
RECORDER	PERKIN	056-1001	560	1
RECORDER	PMC	2312-2	850	1
RECORDER	SONY	BM-11	215	1
RECORDER	SONY	CVD-1000	1,525	1
RECORDER	SONY	EVS900	1,555	1
RECORDER	WHTBOX	NMN	607	1
RECORDERXY	HEWLETT PACK	7035B	1,020	1
RECORDSTCH	HEWLETT PACK	680	1,083	1
RECORDSTCH	HEWLETT PACK	7155A	1,223	1
RECORDSTCH	LINEAR	255	1,180	2
RECORDTEMP	WHTBOX	CT485	449	1
RECORDTOUR	DETEX	DTR-6500	504	1
REEL	MARK		4,400	11
REEL	MARK	CARRYLITE	4,500	9
REFDIGSYST	TECHCN	BD20/40	2,898	1
REFRGRATOR	DLFELD	6025-S	1,690	1
REFRGRATOR	DLFELD	9048	1,137	1
REFRIGERATED CASE	DELFLD	NMN	1,134	1
REFRIGRTR	FORMA	3626	4,845	2
REFRGRATOR	REVCO	R402GABA	378	1
REFRGRATR	FISHER	348G	1,870	1
REFRGRATR	GE	TBX18LW	449	1
REFRGRATR	GEHALD	GR-17A	264	1
REFRGRATR	GIBSON	RT17F3WT	499	1
REFRGRATR	GSA	NMN	1,748	4
REFRGRATR	HOTPNT	NMN	489	1
REFRGRATR	MAGIC	RB152AW	400	1
REFRGRATR	SANTRY	T6SA0	200	1
REFRG/FZR	FISHER	812	926	1
REG MAGNET	NUCLID	MR-18	4,949	1
REGULATOR		E11N145034 6	233	1
REGULATOR		E11N145035 0	233	1
REMOTCNTRL	AMX	MX30	239	1
REMOTCNTRL	AMX	MX40	245	1
REMOTCNTRL	GE	RCD1SM	441	1
REMOTE CONTROL	TRACOR	TN171031	4,400	8
REPEATER	3 COM	3C588	3,096	4
REPEATER	3 COM	3C588	749	1
REPEATER	DIGITAL EQP	DEREP-RC	4,884	2
REPEATER	DIGITAL EQP	DEREP-RH	9,368	4
REPEATER	DIGITAL EQP	DESPR-AA	4,337	4

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
RESIST MTR	SOLTES	R-60PS	2,180	1
RESISTOHAM	KEITH	6105	762	1
RESISTRBX	QADTEC	1433971000	1,550	1
RESPIRATOR	TSI	8010	4,500	1
RESPIRATORY FIT TESTER	TSI	8010	6,000	1
RESTORER	CANBERRA	1464	848	1
RFDIRMETER	BIRD	SZ12	207	1
RINSESYS	CETAC	A2000	1,570	1
RMOTE CONT	GE	RESISM	427	1
RMSVOLTMTR	HEWLETT PACK	3400A	525	1
ROCK SAW	RAYTEC	L-10S	562	1
ROLLALONG SWITCH	GEOSTF	R/A-96/24	2,900	1
ROTARY HAMMER	MILWAUKEE	5362-1	455	1
ROUTER	EG&G	920-16	19,464	4
RPISU	HARSHAW	RPISU-II	16,875	15
SALAD SERVER	LAKESD	635	1,037	1
SAMPL SYST	KURZ	IK-EVA-4200	16,976	1
SAMPLCHNGR	RIGAKU	D2455V5	18,350	1
SAMPLE CHANGER	GAMMA PROD	G3000	75,000	2
SAMPLE PUMP	GILIAN	LFS113D	531	1
SAMPLER		3700FR	5,248	1
SAMPLER	GILIAN	X800485-301	450	1
SAMPLER	MINE S	GEMINI TWIN	675	3
SAMPLER PUMP	GILIAN	LFS113D	531	1
SAMPLER (FOR ELAN 5000)	PERKIN ELMER	5000/500/250	23,800	1
SAMPLERMOD	EXTREL	ALS2016	10,200	1
SAMPLRPART	ANDRSN	20-725	2,915	1
SAMPLRPUMP	BRNANT	7570	1,257	2
SAMPLRPUMP	GILIAN	LFS113D	2,124	4
SAMPLRPUMP	SUPELC	PSA-3000	871	1
SAMPLRWATR	ISCO	2700	1,964	1
SAND BOX	SSD	NMN	4,550	1
SAND SALT	EPOKE	ITM60	2,400	1
SANDER	BOSCH	12720	286	1
SANDER	PROMAX	PROMAXII	1,495	1
SANDERBELT		4340	229	1
SANDERBELT	LISLE	56M02RB	498	1
SANDINGKIT	DYNBRD	55L	339	1
SAW	DOTTIE	AV08	210	1
SAW CIRCLR	DEWALT	GE	856	1
SAW GAS	WACKER	BTS11	704	1
SAW MITER	DELTA	34-080	210	1
SAW O/H	BEACON	OH-14	475	1
SAW TRIM	BEACON	TC-14	1,124	1
SAWBUCK	DELTA	33-150	550	1
SC PRINTER	CASIO	264	958	2

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
SCA	CANBER	2030	578	2
SCA	CANBERRA	1431	288	1
SCA	CANBERRA	2030	5.214	18
SCA	CANBERRA	2037A	345	1
SCA	HEWLETT PACK	5583A	1.100	2
SCA	LUDLUM	2200-12+	2.495	1
SCA	ORTEC	550*	806	3
SCA	TENLEC	TC445	1.500	2
SCA TIMING	ORTEC	455	3.477	6
SCA TIMING	ORTEC	551	1.464	3
SCAFFOLD	UPRGHT	NMN	768	1
SCALE	DETECT	436	220	1
SCALE	GENERL	402/GE600	1.712	1
SCALE	HOWE	CD25	925	1
SCALE	OHAUS	PL150-CO	858	1
SCALEBALNC	SARTOR	A200SVIBRS	3.600	1
SCALEPRINT	KINETC	4660	1.600	1
SCALER	CANBERRA	1476	499	1
SCALER	CANBERRA	1476A	499	1
SCALER	CHCAGO	CP9356 A	219	1
SCALER	EBERLINE	PRS-1	4.673	1
SCALER	HARSHAW	NS31	1.490	1
SCALER	LUDLUM	177-10	545	1
SCALER	LUDLUM	177-61	1.635	3
SCALER	LUDLUM	2000	9.145	10
SCALER	LUDLUM	2200	2.739	3
SCALER	LUDLUM	2929	4.644	2
SCALER	MT SOPRIS	PS872	1.500	1
SCALER COUNTER	LUDLUM	2929	1.630	1
SCALER MIN	EBERLINE	MS-2	2.736	2
SCALERDUAL	LUDLUM	2929	7.795	4
SCALING UNIT	CANBER	8082	3.940	2
SCAN BAR	MARS	MEQ300	3.235	1
SCAN BAR	SYMBOL	LS7000	3.882	3
SCANNER	DEST	C9410	549	1
SCANNER	HEWLETT PACK	HP-543	1.725	2
SCANNER	MICROT	600Z	1.369	1
SCANNER	SYMBOL	LS2000I000A	4.271	6
SCANNER	SYMBOL	LS2000I000AG	712	1
SCANRPRINT	CANBERRA	2089	1.285	1
SCINT SYST	PACKRD	460C	16.525	1
SCINTLOMTR	MT SOPRIS	SC-132	3.007	2
SCNTCRYSAS	TELDYN	SW1616U3	2.100	1
SCOOTER	BEVCO	220EV	4.115	1
SCOOTER	CUSHMAN	322-8710	4.794	1
SCOOTER	CUSHMAN	400	3.121	2
SCOOTER	CUSHMAN	435	3.530	1
SCOOTER	CUSHMAN	898444	4.748	1
SCOOTER	CUSHMAN	898447	3.973	1
SCOOTER	CUSHMAN	898547	3.927	1
SCOOTER	CUSHMAN	EXECUTIV	1.585	1
SCOOTER	CUSHMAN	EXECUTIV	1.585	1
SCOOTER	CUSHMAN	GOLFSTER	1.195	1
SCOOTER	OTIS	951	1.970	1
SCOOTER	T-D	1248 B	4.985	1
SCOPE CART	TEKTRONIX	B	200	1
SCOPEMOBIL	TEKTRONIX	201-2-D	200	1
SCOPEMOBIL	TEKTRONIX	204	200	1
SCOPEMOBIL	TEKTRONIX	335	600	3
SCOPEMOBIL	TEKTRONIX	B-	200	1
SCREW SHTR	BUKDKR	2054	201	1
SCRUBBER	FBDYN	118916	9.440	1
SCRUBBER	FBDYN	NMN	28.320	3
SCSI DRIVE	CLAYTN	M2266SA	1.960	1
SCT METER	YELLOW SPRNG	33	224	1
SCT METER	YLW SPRINGS	33	224	1
SEEDER	HERD	GT-77	325	1
SEISMGRAPH	EG&G	ES-2401X	41.800	1
SEISMGRPH	EG&G	2401	39.900	1
SEIVE SHAKER	ROTAP	RX-29	1.550	1
SERIAL INTERFACE ADAPTER	GEO INST	GMS-2SIA	225	1
SERIES 6400 MODEL 200 DC	HEWLETT PACK	01521B	1.963	1
SERVER	DIG EQ	LNXXD-M	519	1
SERVER	INTEL	44-027	470	1
SERVER	INTEL	501	450	1
SERVER	INTEL	INTEL-611	900	2
SERVER	INTEL	NETPORT	466	1
SERVER	INTEL	PCLA-2101	931	2
SERVER	INTEL	PCLA2101	450	1
SERVER	INTEL	PCLA2101	470	1
SERVER	INTEL	PCLA2121	5.174	11
SERVER	INTEL	PCLA2121	2.492	5
SERVER	INTEL	PCLA2131	1.352	3
SERVER	INTEL	PCLA2201	460	1
SERVER	INTEL	PCLA2201	460	1
SERVER	INTEL	PCLA2221	462	1
SERVER	INTEL	PCLA2221	5.860	13
SERVER	INTEL	RMA1754	466	1
SERVER SYSTEM	DIGITL	DY251P1-A9	22.757	1
SGNLSWITCH	INMAC	1873R3	229	1
SHAKER	BARNT	49100	4.180	5
SHAKER	BRNSTD	M49125	748	1

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
SHAKER	BURREL	75*	600	1
SHAKER	BURREL	M75	1,050	1
SHAKER	ERBCH	115V	2,100	2
SHAKER BATH	PRECISION SC	25	2,275	1
SHAKER ORB	FISHER	361	1,090	1
SHAKERBATH	PRECSN	25	1,558	1
SHAKRSIEVE	GILSON	SSBR	599	1
SHAKRSIEVE	TYLER	B	2,712	2
SHARPENER	DAREX	5800M5	896	1
SHATTERBOX	SPEX	8510	21,048	3
SHEARMETAL	STREN	120042	3,629	1
SHED	TUFF	14'X 14'	2,650	1
SHEET BIN	ZENITH	C2920A	414	1
SHKR TABLE	ERBCH	6140	2,350	1
SHREDDER	FELLOW	110	499	1
SHREDDER	FELLOW	PS70	325	1
SHREDDER	FELLOW	PS70	337	1
SHREDDER	FELLOWES	PS70	259	1
SHREDDER	FELLOWES	PS-80	450	1
SHREDDER	FELLOWS	PS80	882	2
SHREDDER	FELOWS	110	471	1
SHREDDER	IDEAL	2601 MBM	1,290	1
SHREDDER	INDSHR	SUPERIOR	3,909	1
SHREDDER	SBM	US222	1,311	1
SHREDDER	SHREX	550	834	1
SHREDDER	WILSON	AWJ 1000	1,125	1
SHREDDER	WLS JN	42713	1,365	1
SIG CONDNR	VALDYN	CC15	500	1
SILICA MONITOR	MIE	PDM-3	4,460	2
SILVER RCV	SNOOK	ULTRA 3	499	1
SINGLE CHANNEL ANALYZER	CANBER	2030	289	1
SINGLE CHANNEL ANALYZER	CANBERRA	2030	1,471	5
SLICER	HOBART	512	2,409	1
SLIDE PROJECTOR	KODAK	AF-2	416	2
SMART TERMINAL(ENVIZEX)	HEWLETT PACK		5,190	1
SNOWBLOWER	SEARS	536906000	593	1
SOLAR PANL	CMPBEL	MSX10	205	1
SOLDER STN	WELLER	EC2001	234	1
SOLDERING STATION	WELLER	EC2001	234	1
SOLVT PUMP	FLDMTR	RP-G50	869	1
SONICATOR	HSUI	W-385	4,050	1
SONICSIFTR	ALLBRA	L3PF	1,324	1
SOUND LEVEL METER	QUEST	2400	826	1
SOUND METER	MSA	595091	788	1
SOUND STATION	HELLO DIRECT	2362	3,190	2
SOUND STATION	HELLO DIRECT	2362-T	1,595	1
SOUND STATION	HELLO DIRECT	2362T	3,190	2
SOUNDBOOTH	TREMET	AR9S	2,745	1
SOUNDMETER	MSA	595091	1,576	2
SPEAKER	JBL		550	2
SPECPHOMTR	PERKIN	5100	50,500	1
SPECPHOMTR	PERKIN	603	18,600	1
SPECPHOMTR	PERKIN	LAMBDA 3	5,540	1
SPECPHOMTR	PERKIN ELMER	3030	40,715	1
SPECTROAMP	CANBERRA	816	550	2
SPECTROAMP	NUCLUS	5010	895	1
SPECTROAMP	ORTEC	471	535	1
SPECTROMETER	SCINTREX	GAD-6	15,119	2
SPECTROMTR	CANBER	7404	12,488	2
SPECTROMTR	EG&G	576450RH	3,950	1
SPECTROMTR	EXTREL	ELQ-400	50,630	1
SPECTROMTR	GEOMETRICS	GR-410	5,591	1
SPECTROMTR	GEOMETRICS	GR-410	45,473	8
SPECTROMTR	ORTEC	576	24,853	7
SPECTROMTR	ORTEC	576A	11,940	4
SPECTROMTR	ORTEC	NS576A	26,912	8
SPECTROMTR	PERKIN	ELAN 5000	220,875	1
SPECTROMTR	PERKIN	ICP-5000	60,800	1
SPECTROMTR	PERKIN	PLASMAII	119,040	1
SPECTROMTR	SCINTREX	GAD-6	19,231	2
SPECTROMTR	TENELC	TC256	31,312	16
SPECTROMTR	TENLEC	TC256	49,792	32
SPECTROSCOPY AMP	CANBERRA	2020	0	1
SPECTROSCP	GAERTN	NMN	960	1
SPECTRYSYS	EG&G	92X-CH	5,646	1
SPECTRYSYS	ORTEC	92X-CH	5,646	1
SPEED GRIP	BRNICA	NMN	210	1
SPILL GUN	SPL-XA	SC-30-A	411	1
SPILL GUN	SPL-XA	SC-30-S	438	1
SPLICING TOOL	AT & T	945A	588	1
SPOTMETER	ASAHI	36141	311	1
SPRAYPAINT	GRACO	ULTRA500	1,496	1
SPREADER	AGRI F	44-0187	238	1
SQUARE WAVE GENERATOR	TEKTRONIX	106	525	1
STABILIZER	CNBERA	8232	1,480	1
STAGE UNIT	HACKER	C1948	605	1
STAGE UNIT	SWIFT	NMN	505	1
STAPLER	PASLOD	3150-N18	370	1
STAPLER	PASLOD	MU-112N18	324	1
STAPLERELC	SWING	6800-D	700	2
STATIC INV	TOPAZ	1000-GZ	1,850	1

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
STEEL COLUMN HEATER	MILLIPORE	600	819	1
STEREOTUNR	PIONER	TPX-608	331	1
STEROSCOPE	WILDHB	M-8	4.895	1
STEROSCOPE	WILDHB	M8	2.539	1
STIR	LABLIN	1287-1	3.024	2
STIRRER	BRNSTD		481	2
STIRRER	BRNSTD	S47035	994	4
STIRRER	B/THER	S47035	248	1
STIRRER/HOT PLATE	CORNING	PC-320	245	1
STIRS	LABLIN	1287-1	3.024	2
STITCHER	INTLAK	S3A	2.973	1
STOCK FEED	DELTA	34-985	525	1
STORAGE MGMT SYSTEM	ALPHATRONIX	ALP-C006	9.372	1
STORAGE MODULE	CAMPBL	SM192	882	2
STRIP CHART RECORDER	HEATH	SR-204	1.055	1
STRIP UNIT	DYNA	1000	3.800	1
STRIPPER	FOOPEC	10-459	400	1
STRIPPER	UNIMAS	73	750	1
SUBSYSTEM		JMRMIDTOWER	1.815	1
SUBSYSTEM	ANDATA	D250A-M	2.595	1
SUBSYSTEM	ANTHEM	757240	570	2
SUBSYSTEM	CLAYTN	8500	3.300	1
SUBSYSTEM	COCOMP	223TM	3.499	1
SUBSYSTEM	EXABYT	8500	2.718	1
SUBSYSTEM	EXABYT	8500 SN:LP9	3.300	1
SUBSYSTEM	EXABYT	EXB8500ST	2.718	1
SUBSYSTEM	EXABYTE	EXB-10E	3.369	1
SUBSYSTEM	JMR	MIDT-003	295	1
SUBSYSTEM	JMR	MIDTOWER	299	1
SUBSYSTEM	JMR	NMN	295	1
SUBSYSTEM	JMR	NMN	590	2
SUBSYSTEM	OMEGA	NMN	1.045	1
SUBSYSTEM	SCSI	NMN	2.775	1
SUBSYSTEM	SEGATE	MIDTOWER	530	2
SUBSYSTEM	SEGATE	ST41200	298	1
SUBSYSTEM/HARDDRIVE	PICO/SEAGATE	STS31200N	965	1
SUR MONITR	SUMMIT	SIP1000	9.600	2
SURVEY INSTRUMENT	EBERLINE	E600	1.195	1
SURVEY METER	EBERLINE	ESP-1	930	2
SURVEY METER	VICREN	740F	525	1
SURVEY PROBE	NETECH	DP6BD	3.150	3
SUSCEPTIBILITY METER	GEO INSTR	GMS-S	1.980	1
SW CONTROL	HEWLETT PACK	3488A	1.895	1
SWEEPER ST	ADVANC	560G	9.702	1
SWITCH	GEOSTF	RS-48/24	4.150	1
SWITCH BOX	GLTRNX	1000	413	1
SWITCH UNIT	CYBEX	EZQUEUE COMMANDER	2.450	2
SYNTH GEN	HEWLETT PACK	3325A	4.239	1
SYSTEM TEST FIXTURE	TEKTRONIX		1.140	1
SYSTEMIZER	ACT	02-50-364	241	1
SYSTEMIZER	ACT	02-50-364	1.241	5
S/HOTPLATE	B/THMY	SP46920	223	1
S/HOTPLATE	B/THYM	SP46920	668	3
S/HOTPLATE	CORNING	PC-320	1.000	4
T K ANALYZER	HARSHAW	2080	9.950	1
TABL LIGHT	BACHER	1520-	2.833	1
TABLET	CALCOM	12140	1.229	1
TABLET	CALCOM	23240	1.229	1
TABLET	CALCOM	25180	1.097	1
TABLET	CALCOM	25180-01	896	1
TABLET	CALCOM	25180-01	19.294	20
TABLET	CALCOM	91240	5.760	2
TABLET	SUMMA	MGII3648	3.550	1
TABLET	SUMMA	MGIITB426	3.704	1
TABLET	SUMMA	MM1201	1.065	3
TABLET	SUMMA	SUMMA	830	2
TAMP BACKF	GARD-D	T-23-1A	633	1
TANK	300 GL	M-06923-01	890	1
TANK	WATER	425 GAL	305	1
TANK	WESTSLOPIRON	STEEL	4.065	1
TANKTESTER	ITT	5000	7.965	1
TAP N DIE	GTD	312 COMBO	317	1
TAP & DIE	ZELEND	8282A12	224	1
TAPE BACKUP DRIVE	HEWLETT PACK	JT20C	379	1
TAPE BAKUP	CMS	120	449	1
TAPE CART		NMN	500	1
TAPE CART	EDPCOR	NMN	500	1
TAPE CART	TAB	NMN	500	1
TAPE CART	WRIGHT	NMN	500	1
TAPE CONTL	IBM	3803-2	16.530	1
TAPE DISPN	HUNT	HUN6100	299	1
TAPE DRIVE	ADTEK	DT-6000	500	1
TAPE DRIVE	ANDATA	D250A	4.990	2
TAPE DRIVE	CLAYTN	EXB-8500	675	1
TAPE DRIVE	CO MEMORY	JT20C	335	1
TAPE DRIVE	DIGITAL EQP	TK50	3.451	1
TAPE DRIVE	DIGITAL EQP	TK50Z-GA	3.049	1
TAPE DRIVE	DILOG	STDOTT1-1X8S	3.777	1
TAPE DRIVE	EXABYT	NMN	3.395	1
TAPE DRIVE	EXABYTE	EXB-8205ST	1.669	1
TAPE DRIVE	HEWLETT PACK	HP82161A	811	2

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
TAPE DRIVE	IBM	3420-8	25,333	2
TAPE DRIVE	IBM	3490E-C11	0	1
TAPE DRIVE	IBM	9347	5,925	1
TAPE DRIVE	IBM	9348-001	0	1
TAPE DRIVE	TANBRG	TDC-3000	13,379	3
TAPE RACK	MONARC	NMN	5,250	7
TAPE RACK	WRIGHT	NMN	18,750	25
TAPE SUBSYSTEM	EXABYTE	832000-000	3,022	1
TAPE SUBSYSTEM	EXABYTE	EXB-100E CHS	3,022	1
TAPEBACKUP	CIPHER	TD5400	644	1
TAPEBACKUP	COLMEM	DJ-10	497	1
TAPEBACKUP	EMRALD	2-9000	4,275	1
TAPEBACKUP	EMRALD	9000	4,275	1
TAPEBACKUP	EXABYT	NMN	2,223	1
TAPEBACKUP	TECMAR	Q60H	1,462	1
TAPEBACKUP	TECMAR	QIC-60H	5,647	4
TAPETRNSPT	CDC	679-6	59,908	2
TELEPHONE		F09HRD8383 AG	869	1
TELEPHONE		S2937A	423	1
TELEPHONE		S2939A	423	1
TELEPHONE	MOTOROLA	F09GTD8459	1,680	2
TELEPHONE	MOTOROLA	F09LF094	2,396	4
TEMP CNTRL	NESLAB	HTS-LTS	525	1
TEMP CNTRL	POWERS	NMN	525	1
TEMP LOGR	ECD	5100	3,990	2
TEMP TOOL	MT SOPRIS	DLP-2481	2,300	1
TEMPERATURE CONTROL	PHOTO	TC	525	1
TENSIOMETR	SCNVLV	SSFSW/WO	2,779	1
TERM SERVR	DIGITAL EQP	200/MC	6,538	2
TERM SERVR	DIGITAL EQP	DSRBV-BA	2,886	1
TERMINAL	ADDS	580	5,000	1
TERMINAL	DIGITAL EQP	147VT105B	2,910	1
TERMINAL	DIGITAL EQP	LA36	2,076	1
TERMINAL	DIGITAL EQP	LA36DK	1,739	1
TERMINAL	DIGITAL EQP	VT220	4,137	5
TERMINAL	DIGITAL EQP	VT320-C2	760	2
TERMINAL	DIGITAL EQP	VT320-CA	380	1
TERMINAL	HEWLETT PACK	2623A	3,565	1
TERMINAL	HEWLETT PACK	HP-2623A	3,428	1
TERMINAL	IBM	3151	0	1
TERMINAL	NOTECH	3222	599	1
TERMINAL	PERICM	MG600	4,324	1
TERMINAL	TEKTRONIX	4027A	11,900	1
TERMINAL	TELVID	910	542	1
TERMINAL	TI	765	2,459	1
TESTCHAMBR	TENNEY	T5-40240	3,328	1
TESTER	AMREL	185-T	300	1
TESTER	AMREL	185-T	300	1
TESTER	NOVEN	NMN	325	1
TESTERFLSH	FISHER	134975	1,600	1
TESTREGLTR	MSA	462845	989	1
THERMETER	ALNOR	8565	1,194	1
THERMAL PRINTER	HEWLETT PACK	HP82162A	369	1
THERMO DET	HARSHAW	2000A	5,660	1
THERMOMETE	AZONIX	NMN	2,875	1
THERMOMETR	CHECK	602	230	1
THERMOMETR	DIATEK	600	388	1
THERMOMETR	SIMPSN	388	204	1
THERMOTACH	SOLOMT	MPM 2000	731	1
TIGWELDSYS	LINDE	UCC-305	2,878	1
TIME BASE	TEKTRONIX	7B53A	3,405	3
TIME BASE AMP	TEKTRONIX	7B50	547	1
TIME STAMP	MITE	210-1C	335	1
TIMECLOCK	LATHEM	LTTC	398	1
TIMER	CHRNTL	CD-4	295	1
TIME/DATE STAMP	LATHEM	LTTC	356	1
TIM/DAT ST	STRMBG	210-1C	361	1
TOASTER	SAVORY	8D-PD4	561	1
TOOL	RAMSET	D60	550	1
TOOL KIT	JENSEN	2B998	479	1
TOOL KIT	JENSEN	JTK-17	610	2
TOOL KIT	JENSEN	JTK-17AL	1,346	4
TOOL KIT	MINE SAFETY	472813	785	1
TOOL KIT	ZERO	XKE-100	401	1
TOOLTESTER	MLTAMP	S-2500	1,696	1
TOP TOOL CHEST		65738	200	1
TOUCHPROBE DOWNLOADER	FACILITIES C	PSP-450	0	1
TPE SUBSYSTEM	EXABYTE	832000-000	3,022	1
TRACKER	HUNTRN	2000	1,798	1
TRACTOR	FORD	NAA	1,672	1
TRACTOR	JACOBS	GT12	1,455	1
TRACTOR	MTD	131800H	2,210	1
TRACTOR	MTD	131800H	2,336	1
TRACTOR	TORO	MTD 5301	758	1
TRAILER			441,075	21
TRAILER		BROWNTRAILR	58,335	3
TRAILER	HRKLAU	SM11F	550	1
TRAILER	TAGALO	U58NLV/MOD	1,304	1
TRAILER	WELLS	CW-162	13,715	1
TRAILER OFFICE	PLAMOR	2100/MOD	5,232	1
TRAILERHOUSE	PLAMOR	2100	5,232	1
TRANSCEIVR	ETHRNT	LEE054A	250	1

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
TRANSCRBP	YLW SPRINGS	2014	875	1
TRANSCRIBR	JANIER	P-127	365	1
TRANSCRIBR	SANYO	TRC-5020	449	1
TRANSCRIBR	SONY	NMN	376	1
TRANSDUCER	CAMPBL	SBP270	1,380	1
TRANSDUCER	OMEINC	41BC2530	1,665	1
TRANSDUCER	MKS	220BHS22	19,916	1
TRANSDUCER	VALDYN	DP103	895	1
TRANSDUCER	VALDYN	DP103-10	1,720	3
TRANSDUCER	VISALA	PTA-427	960	1
TRANSFORMR	RCA	WP-26A	461	1
TRANSFORMR	RUCKER	E103-15-A1	461	1
TRANSINDIC	OMEGA	DP2000P4	276	1
TRANSMITTER	ZETRON	M66	915	1
TRANSMITTER	ZONGE ENG	NT-20	9,234	1
TRICYCLE	N/A	STPT	590	1
TRICYCLE	TRAIL	DESOTO	330	1
TRIGGER	GSSI	570	1,600	1
TRIPOD	BOGEN	3068 & 3063	422	1
TRIPOD (FOR AIR SAMPLER)	SAIC	TRI-2	250	1
TRIPOD (FOR AIR SAMPLER)	SAIC	TRP-2	500	2
TRIPOD\WINCH SYSTEM	D B IND	L1850T7-60	1,859	1
TRNSPRTDIG	MFE	2508H-1	1,890	1
TRUCK		54051WJ	380	1
TRUCK	CHEVY	C-60	50,642	1
TRUCK LIFT	HYSTER	H20E	4,370	1
TURBDMETER	HACH	43900-00	1,595	1
TURBO PUMP	BALZER	PMP01246	8,235	1
TURRET PUN	DIACRO	12-	3,135	1
TV	GE	82679	706	1
TV	QUASAR	HP1321DW	319	1
TV MONITOR	RELSTC	16-108	320	1
TV MONITOR	RCA	F25652BL	399	1
TV MONITOR	RCA	FC443W	1,772	1
TV/MONITOR	GE	6738	395	1
TV/VCR	EMRSON	VT0950	400	1
TV/VCR	MAGNVX	CRM132AT01	490	1
TYPEWRITER	IBM	10	465	1
TYPEWRITER	IBM	1434000	1,194	2
TYPEWRITER	IBM	2500	840	1
TYPEWRITER	IBM	SELECTRIC II	0	1
TYPEWRITER	IBM	SLECT II	12,330	17
TYPEWRITER	IBM	WHEELWRITR15	1,154	2
TYPEWRITER	IBM	WHELWRITR 15	1,194	2
TYPEWRITER	IBM	WHLRITR 1000	545	1
TYPEWRITER	IBM	WHLWRITER 15	1,370	2
TYPEWRITER	IBM	WHLWRTR 1500	656	1
TYPEWRITER	IBM	WW1500	525	1
TYPEWRITER	SMICOR	XD5500	279	1
TYPEWRITER	SMICOR	XD5600	269	1
TYPEWRITER	XEROX	6020	4,500	3
ULTRASONIC BATH	CC SCIENTIF	M-8893-20	1,053	1
ULTRCLEANR	COLPAR	L1	1,600	1
ULTRCLEANR	FISHER SCIEN	FS14H	379	1
ULTRCLEANR	LDR	663	1,780	1
UNDERCOUNTER REFRIGERATOR	FORMA	3525	2,491	1
UNISAW	DELTA	34-606	1,649	1
UNIV STAGE	LEITZ	UT-5	1,112	1
UNIVERCOIN	ORTEC	418A	740	2
URAN ANLYZ	SCINTREX	UA-3	145,488	9
URANIUM ANALYZER	SCINTREX	UA-3	16,214	1
UTILITY BX	GRAINGR	3W265	619	2
UTILITY CART		5073600	925	1
V TESTER	TITMUS	NMN	986	1
VACUUM	BFEDGJ	20 GALLON	497	1
VACUUM	CASTEX	LITE TRAC	407	1
VACUUM	CASTEX	NMN	416	1
VACUUM	CINCIN	1Z863B	436	1
VACUUM	DAYTON	52Z770A	243	1
VACUUM	DAYTON	5Z770	312	1
VACUUM	EUREKA	500--	497	1
VACUUM	HAKO	C839858010 85	2,630	2
VACUUM	HAKO	X-100	3,780	3
VACUUM	HIPPO	999	994	2
VACUUM	HOOVER	82	497	1
VACUUM	JONSON	VECTRON	375	1
VACUUM	MILWAUKEE	8935	250	1
VACUUM	MRCURY	MVS734	254	1
VACUUM	MSRFLX	1510	714	2
VACUUM	MSTRCR	W6600	497	1
VACUUM	TREND	CV-141	355	1
VACUUM GAG	CONS	GTC100	385	1
VACUUMGAGE	WELCH	1515*	385	1
VACUUMPUMP	ASH	NMN	1,500	1
VACUUMPUMP	BFEDGJ	NMN	1,500	1
VACUUMPUMP	GE	363-60	549	1
VACUUMPUMP	LEYBLD	898000	1,350	1
VACUUMPUMP	SME	2006G1	1,500	1
VACUUMPUMP	WELCH	1399	2,175	1
VACUUMPUMP	WELCH	1400B-01	633	1

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
VACUUMPUMP	WELCH	1402	4.350	2
VACUUMPUMP	WELCH	1405	2.175	1
VACUUMPUMP	WELCH	1405B01A	1.576	1
VACUUMPUMP	WELCH	8810	1.465	1
VACUUMPUMP	WELCH	8816	1.465	1
VAC/BLOWER		690	846	1
VALVE	CLUMET	WCP-25C	360	1
VAN	FORD	250	14.202	1
VAPOR ANALYZER	FOXBORO	TVA 1000	19.154	2
VAPOR ANALYZER	HNU SYSTEMS	PI101	4.245	1
VAPOR MONITOR	PHTVAC	TIPII	7.800	2
VAPORIZER	COSA	VA-21	4.538	1
VARIMIXER	VARAMR	W20A	2.158	1
VCR	GE	ICVP5028	999	1
VCR	HITACHI	VT-F382A	400	1
VCR	JVC	6800	600	1
VCR	PANASONIC	AG-1240	350	1
VCR	PANASONIC	AG-1280P	850	1
VCR	PANASONIC	PV-2900	375	1
VCR	PANASONIC	PV-4900	370	1
VCR	PANASONIC	PVZ101	240	1
VCR	QUASAR	VH5162	284	1
VCR	RCA	VPT385	320	1
VCR	RCA	VR490	300	1
VCR	SHARP	XA-120	605	1
VCR	SONY	VP-2000	1.225	1
VCR CAMERA	GE	ICVC5036	899	1
VCR/TV	PANASONIC	PV-M2024	550	1
VEGETABLE CUTTER	DITO DEAN	575-031	554	1
VELOMETER	ALNOR	6006AP	1.100	1
VELOMETER	ALNOR	8100-	1.100	1
VENDING MACH TRUCK	WESCO	4W471	330	1
VENT FAN			0	1
VENT FAN	SUPVAC	P164SE	327	1
VENT FAN	SUPVAC	P2000SE	780	1
VENT FAN	SUPVAC	P200SE	2.340	3
VERSA BATH	FISHER	133	459	1
VERTICMILL	SELECT	0B	1.550	1
VHS PLAYER/RECORDER W/MNTR	PANASONIC	AG-513A	550	1
VIBRATION METER	MITCHELL		1.050	1
VIDEO CASETTE PLAYER	PANASONIC	VP-2215	200	1
VIDEO DECK	PANASONIC	AG-1960	1.040	1
VIDEO PRINTER	MITSUBISHI	P71U	2.190	1
VIDEO TAPE ERASER	SONAR RADIO	VP-2001	409	2
VIDEO TERMINAL	PERKIN ELMER	550E	745	1

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
VIDEOEDIT	SONY	RME300	540	1
VID/WALKMN	SONY	GV-50S	838	1
VIOLINIST	EG&G	VIOLINISTIII	7.586	1
VISE	RIDGID	450	325	1
VLOC METER	SWOFER	2100-13	1.730	1
VOLT READER	RAD EL	SPERI	1.800	1
VOLTMETER	BS	ESD-7X	1.950	2
VOLTMETER	FLUKE	8300A	2.941	1
VOLTMETER	GDLINE	9575	3.100	1
VOLTMETER	HEWLETT PACK	740B	2.458	1
VOLTMETER	RAWSON	518	1.876	1
VOLTMETER	ZERNIC	K--	1.876	1
VOLTMODULE	TEKTRONIX	7D12	1.350	1
VRS RESPONSE KEYPAD	ONE TOUCH	RD-145	220	1
VRS RESPONSE KEYPAD	ONE TOUCH	RD-145	440	2
VRS RESPONSE KEYPAD	ONE TOUCH	RK-145	220	1
VRS SITE CONTROLLER	ONE TOUCH	SC201	1.399	1
W S METER	MCMAST	4052K61	613	1
WALKMAN	SONY	GV-300/B2	1.000	1
WASHER	DAYTON	4Z426	1.030	2
WASHER	GRACO	800-638	1.773	1
WASHER	NAPCO	NUC-60	2.675	1
WATER DISPENSER	EBCO	PLF8WMQ	486	1
WATER LEVEL METER	SINCO	51453	380	1
WATER LEVEL PROBE	SINCO	51453	760	2
WATER MONITOR	YLW SPRINGS	3500	1.332	1
WATER SYST	MILLIQ	ZD2011584	4.535	3
WATER SYST	MILPOR	ZD201158	1.985	1
WATER SYST	MILPOR	ZD210058	2.140	1
WATERCOOLR	NESLAB	HX-151	4.395	1
WATERRECIR	NESLAB	75-	1.145	1
WATERVICE DISPENSER	MANITOWOC	FS-291S	3.789	1
WAVELENGTH DETECTOR	ABC INST	UVD-1	3.000	1
WAXER	DAIGE	1215	1.018	2
WEATHER STATION	HINDS	CAP II	995	1
WEATHRHOUS	HI Q	WH-3	1.600	4
WEATHRHOUS	HI Q	WH-36	4.670	10
WEDGE BAR	ZEBRA	1002	2.857	3
WEEDEATER	STIHL	FS72	200	1
WEIGHT	RICEL	W4115G	1.948	4
WEIGHT SET	RICEL	CLASS 3	776	2
WEIGHTS	RICELK	NMN	792	2
WELDER	LINCON	SA200	842	1
WELDER	LINCON	WP225G7	2.075	1
WELDER	MILLER	330A/VP	1.488	1

Appendix B Government Furnished Equipment
Facility Operations and Support

PROPERTY DESCRIPTION	MANUFAC	MODEL	COST	QTY
WELDER ARC	LINCON	300#	772	1
WELDERBUTT	DOALL	DBW-10	481	1
WHEELCHAIR	INVCAR	1018SA080	840	2
WINCH	BALBRO	GL220	1.570	1
WINCH	CHEVY	NMN	15.000	1
WINCH	MCPHAR	722010	5.041	1
WINCH	RAMSEY	2000/12	801	1
WINCH ATV	WARN	A1500CL	300	1
WINCH CNTR	BFECGJ	NMN	3.447	1
WINCH SYS	BFECGJ	NMN	3.447	1
WINCH SYS	D.B.	L1850-60-1	2.075	1
WIND DIRECTION SENSOR	METONE	024A	395	1
WINDMONITR	WEAMEA	W123DC-R	965	1
WINDSPDSEN	METONE	014A	275	1
WORD RECOG	TEKTRONIX	WR501	1.592	1
WORK STATN	DIGITAL EQP	5000/200PX	952	1
WORKGROUP HUB	SYNOPTICS	810M	527	1
WORKSTATION			1.280	1
WORM	LASER0	LF-5090	4.090	1
WTR HEATER	AOSMIH	EES-52-913	207	1
WTR HEATER	TEMPCO	3595K92	488	1
WTR PURIFY	MILPOR	ZD300007	1.080	1
WTRPTDATSY	WESCOR	HP-115	4.512	1
Z-SELECT MICROCOMPUTER	ZENITH	ZEL-1331-KP	1.602	1
Z-SERVER	ZENITH	ZW4-50DE-1	3.303	1

Appendix C Government Furnished Buildings
Facility Operations and Support

NUMBER	DESCRIPTION	YEAR ACQUIRED	ESTIMATED REMAINING USEFUL LIFE (years)	GROSS AREA (ft^2)
1	Steam Plant	1948	15	2,794
2	Offices/Copy Center Telecommunications Center (fixed contamination)	1948	5	2,480
7	Offices, Petrology Laboratory Sample Prep Plant, Core Repository	1952,1956, 1978,1984	30	25,990
11	Guard House, Offices	1955	10	794
12	Offices, Computer Center	1953,1956, 1978,1979	20	21,872
18	Offices/Training	1975	15	4,605
19	Offices	1948	5	891
20	chemistry	1953,1957	30	16,904
26	Offices	1954	20	960
28	Maintenance Shop, Offices	1955	30	29,569
29	Offices	1954	10	234
30B	Storage	1980	25	1,197
31A	Offices, Radon Laboratory	1955	15	3,997
32	Office, Radon Laboratory Environmental Sciences Laboratory	1954	20	5,718
33	Storage	1954	20	6,832
34	Storage	1954	10	879
35	Warehouse, Storage	1954	20	3,295
36	Radioactive Source Storage	1954	20	772
40	Gas Meter House	1958	20	127
41	Yard Shack	1955	5	336
42	Hazardous Waste Storage	1955	15	434
43	Storage -	1975	20	297
44	Storage	1975	20	225
46	Cafeteria	1977	30	3,004
51	Compressed Gas Storage	1980	30	144
52	Radon Tailings Measurements	1955 (approx.)	10	124
53	Modular Offices Units	1985	10	4,281
54	Modular Offices, Medical	1992	20	10,167
55	Modular Office Unit	1992	20	5,700
56	Modular Office Unit	1993	20	5,700
57	Modular Office Units	1992	20	5,700
61	Hazardous Waste Storage Units	1993	30	700
810	Offices, Mail Room, Center Gate	1949,1952, 1980	15	26,328
938	Offices	1954,1956, 1979	20	20,216
3022	Offices, Laboratories, Electronic Laboratory	1953,1955 1976,1982	20	23,306

Appendix C Government Furnished Buildings
Facility Operations and Support

NUMBER	DESCRIPTION	YEAR ACQUIRED	ESTIMATED REMAINING USEFUL LIFE (years)	GROSS AREA (ft^2)

Appendix D Space Allocation

Facility Operations and Support/Technical Assistance and Remedial Action

TECHNICAL ASSISTANCE AND REMEDIATION CONTRACTOR

KEY/CRITICAL PERSONNEL QUALIFICATIONS

A. KEY PERSONNEL

GENERAL MANAGER

DUTIES

The General Manager is responsible for planning, organizing, and directing work on engineering and construction projects in the areas of environmental restoration, waste management, decontamination and decommissioning, technology development, and support for other DOE offices. The individual has overall responsibility for Contractor personnel and shall be responsible for contract performance. The General Manager also ensures that the Contractor's organization produces products of high quality, implements continuous improvement actions, and protects the health and safety of the workers and public.

EDUCATION

Education should include a bachelor's degree in a technical (engineering or scientific) or management discipline with a Master's degree in a management area being desirable.

EXPERIENCE

Experience should include a history of progressive work-related experience in environmental restoration, waste management, and other similar types of engineering or construction projects with eight (8) years of relevant and directly applicable programmatic experience with complex, multi-faceted projects. Three (3) years of demonstrated ability to manage these programs at a second tier or higher management level and to direct an organization with a diverse mix of technical, management, and administrative functions. In addition, the Manager's experience must demonstrate the successful application of supervisory and communication skills while managing programs related to this position.

CONTRACT ADMINISTRATION MANAGER

DUTIES

The Contract Administration Manager is responsible for the administration and management of contract delivery orders for any environmental restoration, waste management, decontamination and decommissioning construction, engineering, or other necessary services, with respect to contractual matters. Duties include ensuring compliance with applicable Federal and DOE regulations and policy for procurement, as well as the contract terms and conditions; maintaining an adequate purchasing system, which includes overseeing procurement of Subcontractors; and interfacing with DOE contracts personnel regarding contractual matters.

The individual is responsible for assuring and maintaining the quality, efficiency, effectiveness, and comprehensiveness of contractual work activities. Work is in complex and sensitive areas requiring awareness of confidentiality and excellent interpersonal skills.

EDUCATION

Education should include a Bachelor's degree in the area of business or an appropriately related field.

EXPERIENCE

Experience should include a history of progressive work-related experience with five (5) years of direct experience in contract management. In addition, the Contract Manager's experience must demonstrate the successful application of supervisory and communication skills while managing programs related to this position.

MANAGER OF ADMINISTRATION

DUTIES

The Manager of Administration ensures that the areas of finance, accounting, budget, and project control systems function efficiently and meet all applicable DOE requirements. The incumbent shall ensure that systems for planning, budgeting, financial controls and accounting are managed in accordance with guidelines established by Cost Accounting Standards, Federal Acquisition Regulations, and DOE requirements. Also, the incumbent is responsible for ensuring that financial management systems are fully integrated with the project control system.

EDUCATION

Education should include a Bachelor's degree in business or a related field with a Master's degree in business desirable.

EXPERIENCE

Experience should include a history of progressive work-related experience in management systems with five (5) years of relevant and directly applicable management systems experience with complex multi-faceted projects. In addition, the experience must demonstrate the successful application of supervisory and general communication skills while managing programs related to this position.

COMPLIANCE MANAGER

DUTIES

The compliance manager is responsible for managing the Contractor's functional areas of environment, safety and health, quality assurance permits, and waste management and minimization. The compliance manager's duties include developing an organization that

emphasizes protection of the safety and health of both workers and the public by implementing the Contractor's health and safety program and plans; maintaining compliance with applicable laws, regulations, and requirements; and evaluating and strengthening the Contractor's compliance with those requirements.

The Compliance Manager shall provide the Contractor with expertise for OSHA, NEPA, TSCA, RCRA, CERCLA, SARA, UST, DOT, CAA, CWA, state and local regulations, and other environmental programs, compliance order, and permit issues in assigned programs. In addition, the Compliance Manager shall maintain up-to-date knowledge of policies, procedures, standards, and regulations pertaining to environmental, safety, and health issues and concerns to keep abreast of new developments and proposed regulations that apply to the Contractor.

EDUCATION

Education should include a Bachelor's degree in the physical sciences, engineering, environmental, safety, or health field with a Master's degree in one of these fields or the completion of at least 24 semester hours or comparable educational class work in the field of ES&H, Quality Assurance and/or Waste Management desirable.

EXPERIENCE

Experience should include a history of progressive work-related experience in compliance areas with five (5) years experience in managing related projects in the compliance field which demonstrates of a full understanding and capability of effectively applying the basic principles and concepts of compliance management. Additionally, the Compliance Manager's experience must demonstrate the successful application of supervisory and communication skills while managing programs related to this position.

ENGINEERING MANAGER

DUTIES

The Engineering Manager is responsible for all engineering activities in support of assigned environmental restoration, waste management, technology development and support for others projects. The individual shall provide an organization capable of providing engineering services for developing remediation designs, conducting characterization activities, and analyzing and preparing field changes within schedules and budgets. The Engineering Manager shall ensure engineering activities always seek to incorporate results-oriented innovations and expedited actions that shall save time and money. The individual is responsible for interfacing with the Construction Manager to ensure engineering designs properly incorporate construction concerns. The incumbent is also responsible for ensuring that the elements of the project plans and specifications can be implemented.

EDUCATION

Education should include a Bachelor's degree in engineering with a Master's degree in engineering, management, or a discipline directly related to environmental remediation desirable. Additionally the Engineering Manager must be a licensed professional engineer.

EXPERIENCE

Experience should include a history of progressive work-related experience in engineering related to environmental restoration, waste management, and other similar types of projects with five (5) years experience working with environmental restoration, waste management, or other similar types of environmental-related projects. In addition, experience must demonstrate the successful application of supervisory and communication skills while managing programs related to this position.

REMEDIAL ACTION MANAGER

DUTIES

The Remedial Action Manager is responsible for all construction activities in support of assigned environmental restoration, waste management, and other assigned projects. The individual shall provide an organization capable of providing construction management services which will ensure that the work is accomplished according to the plans and specifications developed by the Contractor's engineering organization. The Remedial Action Manager shall ensure that construction activities always seek to incorporate results-oriented innovations and expedited actions that will save time and money. The individual is responsible for interfacing with the Engineering Manager to ensure construction concerns are adequately addressed in engineering designs. The incumbent is also responsible for working closely with the Contractor's contracting organization during the procurement of construction subcontractors.

EDUCATION

Education should include a Bachelor's degree in civil engineering, construction management, or a related engineering field with a Master's degree in one of these fields, management, or a discipline directly related to environmental remediation desirable.

EXPERIENCE

Experience should include a history of progressive work-related experience in construction management related to environmental restoration, waste management, and other similar types of projects with five (5) years experience working with environmental restoration, waste management, or other similar types of environmental-related construction projects. In addition, experience must demonstrate the successful application of supervisory and communication skills while managing programs related to this position.

B. CRITICAL WORK AREA PERSONNEL

Critical Work Area Personnel should possess the following qualifications:

Lead Design Engineer - Engineering Degree, 5 years experience in developing remedial action designs for hazardous and/or radioactively contaminated sites.

Lead Field Assessment Physical Scientist - Chemistry/Geochemistry/Earth Sciences Degree, 5 years experience in the assessment and interpretation of characterization data of contaminated waste sites.

Groundwater Program Coordinator - Engineering/Physical Science Advanced Degree, 5 years experience in groundwater modeling, geochemistry, or geohydrology.

Lead Cost/Schedule Analyst - Degree, 5 years experience in areas such as operations research, planning technical projects, and cost scheduling/reporting/controls. Additionally experience in project controls with regard to cost and schedule system review activities from implementation through surveillance, including planning and performing reviews effectively within a multi-faceted team setting.

Environmental Program Coordinator - Engineering/Physical Science/Environmental Degree, 5 years experience in environmental and regulatory areas such as environmental health, NEPA, RCRA, CERCLA, Clean Water Act, National Emissions Standards for Hazardous Air Pollutants (NESHAPS), radiation standards, permitting, and environmental law.

Lead Safety Engineer - Engineering/Safety Degree, 5 years experience in construction or remedial action safety programs as well as OSHA safety regulations.

Lead Public Affairs Specialist - Degree, 3 years experience in technical and regulatory issues and media relations. Experience in dealing with Federal, State, and Tribal officials, other stakeholders and the news media. Experience in conducting public meetings on controversial topics.

PERFORMANCE-BASED FEE DETERMINATION PROCEDURE
GRAND JUNCTION PROJECTS OFFICE

This Performance-Based Fee Determination Procedure covers the process for administration of the Performance-Based Fee provisions of Contract No. DE-RP04-95AL87335 for the Grand Junction Project Office (GJPO), and provides the standardization necessary to ensure effective development, administration, and coordination of the evaluation process.

PURPOSE

This Performance-Based Fee Determination Procedure encompasses many recommendations of the Contract Reform Report for new Department of Energy (DOE) contracts to include cost-sharing arrangements and incentives to reduce costs while strictly enforcing performance criteria and measures. The Contractor is responsible for striving to attain the highest standards of excellence in executing responsibilities under the contract as measured against performance standards consistent with the best management practices available. The Contractor is expected to develop standards of excellence and to have a strong, on-going self-assessment program to measure progress against the standards. The Contractor will receive a favorable rating for identifying problems and for developing and implementing effective and economical corrective actions.

The Contract Reform Report suggests that the new "performance based management contracts" include well defined, objective performance criteria and measures for program activities, environmental, safety and health requirements, and financial management objectives. To the extent possible, DOE shall endeavor to assure that the majority of the performance criteria are objective, measurable, and verifiable (they are either achieved or they are not achieved). In addition, there may be a limited number of subjective criteria which are necessary for DOE in evaluating Contractor performance for areas which do not lend themselves to objective measurement.

This approach clearly defines DOE's message that the Contractor's performance is expected to be better than satisfactory; and also allows DOE to focus the Contractor's performance on DOE's strategic goals and mission.

FEE APPLICATION

The Cost-Plus-Award-Fee (CPAF) type of contract has been employed to provide an incentive, in the form of an available award fee, to encourage and reward the Contractor for increasing efficiency in the performance of the contract. A Performance Evaluation Plan shall be developed for each six month evaluation period and will be the basis for determining the amount of award fee to which the Contractor is entitled for the period.

This CPAF contract incorporates the concept of base fee and award fee. The base fee is an amount that is considered reasonable compensation for receiving a rating of "Satisfactory". A portion of the calculated annual base fee is included in each monthly progress payment per paragraph H.23 Payment of Base and Award Fee.

The award fee is additional fee available to reward excellence in performing specific areas designated by the Government for evaluation. Of the fee pool established annually, 2 % is established for base fee and 4 % for award fee. The award fee shall be determined by the rating established at the end of each six month evaluation period and

approved by the Fee Determination Official (FDO). No award fee shall be earned for Satisfactory performance, since this is the minimum level of performance expected of the Contractor selected to manage work under the Grand Junction Projects Office (GJPO). Reference Fee Schedule in Appendix A.

During the initial six-months of base period, Year One, this contract will be administered as a CPAF contract in accordance with the provisions of the contract. In addition, during the second evaluation period, and in all subsequent years, the Cost Reduction Proposals paragraph H.34 will also apply. This will allow the Contractor's management time to become familiar with the operations and projects at GJPO, establish a baseline of performance, develop innovative ideas, and an opportunity to prepare cost savings plans for presentation to DOE at the end of the first award fee period. Incentive proposals submitted by the Contractor must directly reduce the contract baseline. The Contractor shall share, on a limited basis, in the savings actually realized from implementation of these proposals.

ADMINISTRATION

The Fee Determination Official (FDO) responsible for the award fee process on this contract is the Manager of the DOE Albuquerque Operations Office (AL). The Award Fee Board (AFB) is composed of a Chairperson (the AL Deputy Manager), the Performance Area Managers (AL Assistant Managers and Division Directors), and other selected staff invited by the Chairperson of the AFB. The Primary responsibilities of the AFB are:

1. Finalize Development of Performance Evaluation Plans

   (a) Review draft plans presented by the GJPO Manager for the next rating period and assure that they are consistent with overall DOE AL goals; and
   (b) Recommend the plan to the FDO for approval.

2. Finalize Assessment and Contractor Performance Rating

   (a) Review the evaluation reports presented by the GJPO Manager regarding Contractor performance for the period;
   (b) Conduct independent, ongoing evaluations of the Contractor's performance;
   (c) Review Contractor's Self-Assessment Reports; and
   (d) Submit a report to the FDO covering the Board's findings regarding Contractor performance which contains a recommendation of fee earned for each evaluation period. The report to the FDO shall include all minority opinions or reports.

PERFORMANCE EVALUATION PLAN

A Performance Evaluation Plan shall be provided to the Contractor 30 calendar days prior to the start of the evaluation period. The Performance Evaluation Plan shall be developed within the framework of GJPO Performance Goals and support continued progress toward these goals. Reference the sample GJPO Performance Goals in Appendix B. The Plan shall contain the Performance Areas, the Performance Objectives, and the Performance Criteria that will be the focus of Contractor performance and DOE evaluation for the next evaluation period.

The Performance Areas are broad based criteria and define the total performance requirements of the contract. Weights are assigned to each Performance Area with the sum of the Weights totaling 100 percent. As an example, the current plan at GJPO has

three Performance Areas which are: General and Business Management (20%), Environmental, Safety and Health (40%), and Operations and Projects (40%).

The Performance Objectives are specific categories representing a group of activities or functions (managerial, administrative, operations) within a Performance Area in which a Contractor is required to perform.

The Performance Criteria (PC) are the lowest level of evaluation and outline important, critical, or time-sensitive areas of performance for each task. In determining PCs, consideration shall be given to Contractor past performance and contract future requirements. The goal is to obtain continuous improvement in the process and not simply consistency. The following guidelines shall be used in development of PCs:

1. The PCs must fall within the scope of work addressed by the approved task orders.
2. The PCs shall convey to the Contractor those areas requiring emphasis and increased management attention. They shall highlight important, critical, or time-sensitive areas of performance.
3. PCs shall be specific and objective, quantified by milestones and measures of performance.
4. PCs shall be written to the expected level of performance which equates to a mid-satisfactory rating.
5. PCs shall be consistent with overall site performance goals.

PERFORMANCE TASK MONITORS

Task Monitors shall be assigned to each task order for management and oversight. Task Monitors shall be responsible for development of draft performance criteria prior to the beginning of the rating period. The Contractor may provide input for consideration by DOE in the development of the Performance Evaluation Plan. Task Monitors shall be responsible for evaluation and assessment of the Contractor's activities during the rating period and documenting results at the end of the period. This includes reviewing the adequacy of deliverables, timeliness of submittals, control of costs, and assuring that Environmental, Safety, and Health activities comply with applicable safety and environmental practices, Quality Assurance procedures were followed, and other task order performance criteria were met.

Meetings shall be held with the Contractor, specifically before, and during each evaluation period to discuss the Contractor's performance relative to the task order.

Documentation shall be provided to the GJPO Manager with an evaluation and assessment of the Contractor's performance on the Performance Objectives and Criteria for the assigned task orders. This evaluation and assessment shall include an assessment of whether work required by the task order was accomplished, and an assessment of general cost and schedule progress, acknowledgment of performance that merits recognition, and specific statements characterizing any deficiencies identified in the execution of task orders.

The DOE Task Monitor shall recommend an initial rating of the Contractor's performance. In arriving at a performance rating, consideration shall be given to the Contractor's planning, organizing, control, staffing, cost , schedule, coordination and integration, compliance with all applicable laws, regulations, DOE Orders, DOE/State agreements, cost effectiveness, and execution. Execution includes all procedural, programmatic, and operational aspects of the activities which fall within each performance area.

GJPO MANAGER

The GJPO Manager provides a coordinating and integrating function for consolidation of inputs from AL Performance Area Managers and assigned Performance Task Monitors for development of the draft Performance Evaluation Plan prior to the beginning of the evaluation period and in development and presentation of the initial evaluation results to the Award Fee Board at the end of the evaluation period.

CONTRACTOR SELF-ASSESSMENT

By the tenth calendar day after the end of the evaluation period, the Contractor shall provide the AFB Chairperson and the DOE Manager of the Grand Junction Projects Office, a written self-assessment of their performance during the period. The self-assessment shall discuss major accomplishments or progress made in any functional area during the evaluation period and discuss the Contractor's assessment of their weaknesses and areas requiring improvement The self-assessment shall also discuss other accomplishments deemed worthy of consideration during the performance period that were not specifically addressed in the Performance Evaluation Plan. The self-assessment shall clearly measure performance against the DOE approved work scope, schedule, and budget for each Task.

MANAGEMENT OF KEY/CRITICAL WORK PERSONNEL

The performance award amount will be adjusted as a result of any impacts mandated by the Key/Critical Work Personnel clauses in H07. These adjustments will be a reduction to the award fee as indicated in H07.

FINAL CONTRACTOR RATING AND AWARD FEE

Within 60 calendar days after the end of the evaluation period, the FDO will forward an Award Fee Performance Evaluation Report to the Contractor, outlining a score and rating for the period and authorizing payment of the appropriate amount of Award Fee. The FDO may rely upon the recommendations provided by the Award Fee Board, information from the Performance Monitors on their assigned tasks, and the input from the GJPO Manager, as well as deliverables, milestones, cost and schedule information to determine the amount of award fee earned. The FDO award fee determination is final and is not subject to the Disputes clause of the contract.

DEFINITIONS

Significant and Notable are descriptors applied to both Achievements and Deficiencies and are used in communicating performance information to the contractor and may be considered by the FDO in arriving at a rating for the evaluation period.

Significant:	This term indicates a major event or sustained level of performance which, due to its importance, has a substantial positive or negative impact on the Contractors ability to carry out its mission.
Notable:	This term indicates an event or sustained level of performance which is of lesser importance than a "significant" event, but nonetheless deserves positive or negative recognition.
Observation:	Facts or findings noted by a monitor/evaluator which do not appear appropriate to classify as an achievement or deficiency.

RATING PLAN

The general guidelines to be used to evaluate the Contractor's performance are shown below. The Performance Task Monitors will use professional judgment in applying these guidelines and assigning a numerical and an adjectival rating to each Task assignment.

Adjectival Definition	Numerical Grade	Definition Performance Grade
Outstanding	96-100	**Performance substantially exceeds expected levels.** • Several significant or notable achievements exist. • No deficiencies were identified during the evaluation period.
Good	82-95	**Performance exceeds expected levels.** • Several significant or notable achievements exist. • Some notable deficiencies may exist. • No significant deficiencies exist.
Satisfactory	76-81	**Performance meets expected levels.** • Minimum standards are exceeded and "good management practices" are evident. • Notable achievements or notable deficiencies may exist. • Any significant achievements which exist are offset by significant or notable deficiencies.
Marginal	66-75	**Performance is less than expected.** • No significant achievements exist. • Some notable deficiencies exist; or • Any notable achievements which exist are more than offset by significant or notable deficiencies.
Unsatisfactory	65 or Below	**Performance is below minimum acceptable levels.** • Significant deficiencies causing adverse mission impacts exist. • Performance at this level may result in the FDO withholding all award fees for the period.

APPENDIX A
GRAND JUNCTION PROJECTS OFFICE
FEE SCHEDULE

PERFORMANCE POINTS		PERCENT OF AWARD FEE
100		100
99		100
98	OUTSTANDING	100
97		100
96		100
95		95
94		93
93		89
92		82
91		75
90	GOOD	67
89		59
88		51
87		43
86		35
85		27
84		20
83		12
82		5
81		Base Fee Only
80		Base Fee Only
79	SATISFACTORY	Base Fee Only
78		Base Fee Only
77		Base Fee Only
76		Base Fee Only
75		Base Fee Only
74		Base Fee Only
73		Base Fee Only
72		Base Fee Only
71	MARGINAL	Base Fee Only
70		Base Fee Only
69		Base Fee Only
68		Base Fee Only
67		Base Fee Only
66		Base Fee Only
65 or Below	UNSATISFACTORY	Base Fee Only

APPENDIX B
SAMPLE PERFORMANCE GOALS
TECHNICAL ASSISTANCE AND REMEDIATION CONTRACTOR

The following Grand Junction Projects Office goals and objectives shall be addressed in the development of the Performance Evaluation Plans. Detailed performance criteria established for the Performance Evaluation Plans shall be consistent with these site performance goals.

GOAL: Maintain an aggressive remediation program at Monticello, Utah in accordance with the existing Federal Facilities Compliance Agreement.

Objective: Complete cleanup of all Peripheral Properties and Vicinity Properties by 1997.

Objective: Complete the cleanup of Monticello Mill Site by 1998.

Objective: Complete delisting of the Monticello, Utah projects from the National Priority List by the year 2000.

GOAL: Maintain a highly skilled professional staff for all remediation projects.

Objective: Maintain an effective training program which will enhance and motivate the professional staff employed at GJPO.

GOAL: Complete the Uranium Mill Tailings Remedial Action Program (UMTRA) in a timely manner.

Objective: Aggressively pursue completion of all UMTRA properties by 1997 in accordance with the Colorado Department of Health/DOE Consent Agreement.

GOAL: Maintain an effective Public Relations/Community Affairs Program

Objective: Continue support of the Site Specific Advisory Board in Monticello, Utah.

Objective: Maintain an active stakeholder relations interface with the Federal, State, and Local elected officials, and various organizations and entities within the surrounding communities which facilitate cooperation and communication between DOE and the stakeholder.

GOAL: Aggressively pursue the establishment of a fully compliant UMTRA Groundwater Project.

Objective: Implement and maintain a dedicated professional staff for the UMTRA Groundwater Program. The staff shall be highly trained, fully developed, and cognizant of regulations within the assigned States.

GOAL: Complete and close out the existing GJPORAP Program.

Objective: Receive regulatory concurrence from the Colorado Department of Health for all close-out activities prior to the end of Fiscal Year 1998.

GOAL: Remove all existing contamination from the buildings on the GJPO Compound.

Objective: Conduct remediation on all of the remaining structures on the DOE Compound by the end of Fiscal Year 1997.

DOE F 4300.3
(10-87)
(All other editions are obsolete)

OMB Control No.
1910-0500

U.S. Department of Energy

Semi-Annual Summary Report of DOE-Owned Plant and Capital Equipment

Contractor Name _____ Contract No. _____

Address _____

Location of Property (City, State) _____

Contracting Office _____

1	2	3	4	5	6	7	8	9
Asset Type Code	Beginning Balance As of _____		Acquisitions		Dispositions		Ending Balance As of _____	
	No. of Items	$	No. of Items	$	No. of Items	$	No. of Items	$
Total Plant and Capital Equipment								

Prepared By _____
name (printed), title, telephone number, signature

) of Last Physical Inventory of Capital Equipment _____

Contracting Officer Representative Signature _____

(Attach results of latest Physical Inventory if conducted since last reporting period)

Summary of Acquisitions & Dispositions by Type of Transactions

Acquisitions from Column (5) above

1. Purchases:
   a. P&CE Budgeted Items ..... $ _____
   b. Operating Expense Budgeted Items ..... $ _____
2. Fabrications
   a. Beginning Balance ..... $_____
   b. Additions - P&CE Budgeted ..... $_____
   c. Additions - Operating Expense Budgeted ... $_____
   d. Completions ..... ($_____) $ _____
   e. Ending Balance ..... $_____
3. No-Charge-Transfers from Other DOE Offices or Contractors ..... $ _____
4. No-Charge-Transfers from Other Federal Agencies ..... $ _____
5. Other (Explain) ..... $ _____
6. Total Acquisitions ..... $ _____

Disposition from Column (7) Above

7. Sales (Salvage Credit of $) ..... $ _____
8. Trade-ins (Salvage Credit of $) ..... _____
   No-Charge-Transfers to Other DOE Offices or Contractors ..... $ _____
10. No-Charge-Transfers to Other Federal Agencies ..... $ _____
11. Other (Explain) ..... $ _____
12. Total Dispositions ..... $ _____

Note: Detail lines 1 through 12 above in accordance with the following columnar headings. Attach extra sheets if necessary.

DOE F 4300.3, pg. 2
(10-87)

Line No.	Asset Type No. (See DEAR 945.5)	Tag No.	Equipment Item Description (Brief)	In-Service Date	Acquisition Cost

General Instructions

This report provides DOE with financial data on Government-furnished or contractor-acquired property in which title is vested with the government and facilitates the reporting of changes to property accounts, and the reconciliation of physical inventories to property accounts. Preparation of the report requires a breakdown of the total number of items and total dollar value by asset type code (columns 1 through 9 of the form). Please note the requirement for the name, title, telephone number and signature of the person responsible for the preparation of the report. Dollar amounts shown shall be rounded to the nearest dollar. The report is designed to account for all DOE-owned P&CE purchased by or furnished to your organization under DOE contracts awarded to your organization.

This report will be completed as of February 28 and August 31 of each year, and as of the final date of the contract. These completion dates apply only to this report. The reports will be submitted to the property administrator, and are due not later than 45 days after the end of the reporting period.

The original and two copies of this report should be sent to the property administrator, who in turn will provide copies to the contracting officer and to the servicing financial organization.

Negative reports are required.

Plant and Capital Equipment Definition

Plant and Capital Equipment includes land, land rights, depletable resources, improvements to land, buildings and structures, utilities, and equipment. The reporting criteria are as follows:

> *Plant* - Real property which includes land, buildings, related personal property, and other structures and facilities (Asset Codes 401 through 699 and 800). General Services Administration (GSA) regulations require the reporting of this property regardless of value.
>
> *Capital Equipment* - Personal property items (Asset Codes 710 through 799) with a unit acquisition cost of $5,000 or more, and a service life of more than two years per unit should be reported.

Generally, DOE Appropriation Acts differentiate between costs budgeted for plant and capital equipment and costs budgeted for operating expenses. Items meeting the P&CE criteria should be budgeted as such and reported on line 1a. Capital items purchased from operating funds should be reported on line 1b.

Instructions - Summary of Acquisitions and Dispositions by Type of Transactions

Acquisition

1. Purchases - The cost of equipment acquired by purchase includes net invoice cost less discount, plus transportation charges and installation costs.

   The cost of land and land rights includes the purchase price, other acquisition costs, and net costs of demolition of facilities acquired with the land.

   The cost of completed facilities purchased from non-Government sources includes the purchase price, other cost incident to the purchase, and the net cost incident to the purchase, and the net cost of converting the facilities to make them useful to DOE.

   Equipment acquired by lease may qualify as DOE-owned plant and capital equipment. Contact the DOE Contracting Officer for specific reporting guidance on all equipment acquired by lease.

   The cost of facilities constructed under contract includes all payments made to the construction contractor, the cost of items furnished by DOE and the payments made for architect-engineering contractor's services related to the construction work if not otherwise provided by DOE, the operating contractor, or the construction contractor.

2. Fabrications - Include equipment items fabricated by your shop, scientific personnel or subcontractors. Fabrications costed with Capital Equipment obligations (Program 35) that are incomplete should be identified separately from completed fabrications. Costs incurred for fabrication projects that are in progress at the end of the reporting period should be reported on lines 2b and 2c. For projects completed during a reporting period, the total project cost should be reported on line 2d.

3. No-Charge-Transfers from Other DOE Offices or Contractors - Record transferred P&CE at the original acquisition cost. All costs of normal packing, handling, etc., and any costs of removal, including dismantling of items transferred, shall be borne by the transferor. All costs of transportation shall be borne by the transferee. Where purchasing and warehousing activities are centralized with one DOE contractor at a given location to provide routinely for the needs of other DOE contractors at that location, a pro rata share of the cost of such activities shall be borne by the transferee. Under no circumstances will such costs be recorded by the transferee in an inventory account, nor will such costs be transferred for incidental transactions with a DOE contractor at another location.

4. No-Charge-Transfers from Other Federal Agencies - such transfers are treated in the same manner as transfers from another DOE organization as in 3 above.

5. Other - Include a brief explanation of the transaction such as physical inventory adjustments or any other additions not included in items 1 through 4 above.

6. Total Acquisitions - Total of lines 1 through 5

Dispositions

7. Sales - Includes P&CE sold as scrap or as a reuseable item. Cash collections from the sale of P&CE shall be handled as reductions to contractor's immediate cash requirements, and are to be credited to the operating activity or as salvage credits if credited to the P&CE budget activity. When the sale is to be made by the General Services Administration (GSA), no entries shall be made until the sale has been completed.

8. Trade-Ins - Includes P&CE traded-in for purchased P&CE which were included on line 1, Purchases.

9. No-Charge-Transfers to Other DOE Offices or Contractors - Remove transferred P&CE at the original acquisition cost. See line 3, No-Charge-Transfers from Other DOE Offices or Contractors for transfer of responsibilities.

10. No-Charge-Transfers to Other Federal Agencies - Such transfers are treated in the same manner as transfers to another DOE organization as in 9 above.

11. Other - Include a brief explanation of the transaction such as extraordinary obsolescence, physical inventory adjustment, transfer of title, etc., not included in 7 through 10 above. If property was lost, damaged or destroyed, give date relief of accountability was granted.

12. Total Dispositions - Total of lines 7 through 11.

Additional instructions for the management of Government property in the possession of offsite contractors are in FAR 45.5 and DEAR 945.5. Contracts issued prior to April 1, 1984, will continue to reference DOE-PMR 109-60.

BILLING INSTRUCTIONS FOR UNITED STATES DEPARTMENT OF ENERGY

a. These instructions are provided for the use by the contractor in the preparation and submission of vouchers or invoices requesting reimbursement for work performed on negotiated cost-type contracts. Reimbursement procedures related to negotiated cost-type contracts involve the preparation and submission by the contractor of adequately prepared claims to the government. The submission of vouchers as suggested herein will reduce correspondence and other causes for delay to a minimum and will thus assure prompt payment to the contractor.

b. In requesting reimbursement, contractors will use the government voucher Standard Form (SF) 1034, Public Voucher for Purchases and Services Other Than Personal, or an acceptable substitute which provides the same necessary information as described in these instructions.

c. The SF 1034 will be completed in accordance with the following numerical designations: (Reference Form SF 1034 in Appendix A)

(1) All spaces numbered (1) should be left blank.

(2) Date voucher prepared and voucher number.

(3) Contractor's name and mailing address and phone number..

(4) Contract number and date of contract.

(5) Where work assignments or task orders are involved in the billing, the number and date of the applicable task order will be shown in this space, otherwise leave blank.

(6) Identify the period billing covers (i.e., month of January or January-March, 19--).

(7) Contract number cited must be the same as the number in the contract document and in item 4 above.

(8) Show the dollar amount of this billing. The amount claimed must agree with amount reflected in the detailed summary statement.

(9) Place an "X" in the appropriate block for the type of payment for which reimbursement is required.

d. Each SF 1034 voucher and the accompanying backup (summary reports, support documents, and written certification) shall be submitted electronically to all individuals identified on the distribution list (to be determined), as the capabilities are available at DOE. Electronic distribution shall be done simultaneously to all individuals on the distribution list to expedite the payment process. (Exception: If DOE is not fully capable of receiving electronic billings, then the contractor must submit one original voucher with one copy of the

support documents and four copies of the voucher without the support documents to the Contracting Officer, until such time as electronic billings can be accepted by DOE).

The financial data that are included in the standard voucher package must be provided in a standard electronic file format (to be determined). This data includes:

(1) Invoice Number,

(2) Contract Identification Number (CID),

(3) Fund Type (FT),

(4) Budget and Reporting Code (B&R), and

(5) Supplementary Data Codes; Activity Data Sheets (ADS), Equipment Number(EQU), Construction Project Number (PRN), and Reimbursable Work Order Number (Order).

e. The Certification (see Appendix B) must be signed by an authorized official. The Certification must also be submitted electronically with the voucher package (see exception above in paragraph d).

f. Support documents for task orders and associated direct productive labor by labor category, labor overhead, subcontracts, travel, training, equipment, relocation, and supplies/services shall be provided for each SF 1034 voucher. (See Appendix C sample format for support documents). All support documents accompanying the SF 1034 voucher shall also be submitted electronically with the voucher package (see exception above in paragraph d).

g. The award fee, if scheduled, and base fee shall be paid by electronic funds transfer pursuant to the FAR Clause 52.216-7, Allowable Cost and Payment.

APPENDIX A

Standard Form 1034
Revised January 1980
Department of the Treasury
TFRM 6-2000
7534-11

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

VOUCHER NO. (2)

U.S. DEPARTMENT, BUREAU, OR ESTABLISHMENT AND LOCATION
U.S. Department of Energy
Albuquerque Field Office
ATTN: Travel & Reimbursement Section
P.O. Box 5400
Albuquerque, NM 87185

DATE VOUCHER PREPARED (2)

CONTRACT NUMBER AND DATE (4)

REQUISITION NUMBER AND DATE (1)

SCHEDULE NO.

PAID BY (1)

PAYEE'S NAME AND ADDRESS (3)

DATE INVOICE RECEIVED (1)

DISCOUNT TERMS (1)

PAYEE'S ACCOUNT NUMBER (1)

SHIPPED FROM (1) TO (1) WEIGHT (1) GOVERNMENT B/L NUMBER (1)

NUMBER AND DATE OF ORDER	DATE OF DELIVERY OR SERVICE	ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary)	QUANTITY	UNIT PRICE COST	UNIT PRICE PER	AMOUNT
(5)	(6)	(7) For Reimbursement of Costs Incurred Under Contract No. ---------- As Detailed in Attached Summary	(1)	(1)	(1)	(8)

(Use continuation sheets if necessary) (Payee must NOT use the space below) TOTAL (8)

PAYMENT: PROVISIONAL / COMPLETE / PARTIAL / FINAL / PROGRESS / ADVANCE (9)

APPROVED FOR ___ = $ (1) EXCHANGE RATE (1) = $1.00 DIFFERENCES (1)

BY (1)

TITLE (1) (Signature or initials) (1)

Pursuant to authority vested in me, I certify that this voucher is correct and proper for payment.

(1) (1) (1)
Date Authorized Certifying Officer Title

ACCOUNTING CLASSIFICATION

(1)

PAID BY: CHECK NUMBER (1) ON ACCOUNT OF U.S. TREASURY (1) CHECK NUMBER (1) ON (Name of bank) (1)

CASH $ (1) DATE (1) PAYEE (1)

When stated in foreign currency, insert name of currency.
If the agents in certify and authority to approve are combined in one person, one signature only is necessary; otherwise the endorsing officer will sign in the space provided, over his official title.
When a voucher is received in the name of a company or corporation, the name of the person writing the company's corporate name, as well as the capacity in which he signs, must appear. For example: John Doe Company, per John Smith, Secretary, or Treasurer, as the case may be.

PER (1)

TITLE

Previous edition usable

U.S. GOVERNMENT PRINTING OFFICE : 1983 O - 381-526 (9132)

NSN 7540-00-634-4606

PRIVACY ACT STATEMENT

The information requested on this form is required under the provisions of 31 U.S.C. 82b and 82c, for the purpose of disbursing federal money. The information requested is to identify the particular creditor and the amount to be paid. Failure

APPENDIX B

CONTRACTOR CERTIFICATION

Company Name
City, State Zip Code

Contract No: 00-00-0000-0000

Obligated:

Date of last obligation:	Cost	$XXX,XXX
Amount of last obligation:	Fee	X,XXX
Cumulative Total Obligation:	Total	$XXX,XXX

Period of Performance: 1 January - 31 January, 1996

Costs	This Period	Cumulative
Total DPLH		
Labor Overhead		
Subcontracts - Remedial Action		
Other Direct Costs		
Travel		
Training		
Equipment		
Relocation		
Supplies/Services		
Other		
Subtotal		
G&A		
Subtotal		
Actual DPLH (labor hours)	( )	( )
Planned DPLH (labor hours)	( )	( )
Calculated Base Fee		
Subtotal		
Total Cost and Base Fee		
Award Fee		
Payment requested		

CERTIFICATION: I certify that this invoice is correct and in accordance with the terms of the contract and that the costs included herein have been incurred, represent the payments made by the contractor except as otherwise authorized in the payment provisions of the contract, and properly reflect the work performed.

_____	_____	___/___/____
(Signature)	(Title)	(Date)

(Note: Attach one copy of each support document, as defined in Appendix C, to this billing).

APPENDIX C
SAMPLE FORMAT FOR SUPPORT DOCUMENTS

The purpose of the support documents is to allow the Department of Energy technical representative to relate the progress achieved by the contractor to the cost incurred and enhance his ability to manage the program. The support document should be presented in enough detail to meet these objectives.

Task Order Summary

A table shall be provided that summarizes the cost elements for all task orders. This summary provides the transition from the individual task order information to the total costs requested on the certification of payment.

Individual Task Order Recap

The individual task order recap sheet summarizes all the backup information into one sheet. It basically repeats the information contained on the contractor certification form, but contains only the information pertinent to that individual task. Backup documentation described below shall be attached to the individual task order recap. It shall be grouped, marked, or otherwise identified so that backup documents can be directly tied to the cost totals shown on the task plan order sheets and task order summary sheet.

Backup Documentation

Direct Productive Labor

(1) Listing by name and hours charged to this contract during the billed period; or

(2) Listing by labor category (i.e., senior research scientist, chemical engineer, technician, draftsman), and hours charged to this contract during the billed period.

Subcontracts - Remedial Action

(1) A copy of the invoice received from each subcontractor that includes subcontractor's name and address, a breakdown of the costs, the percent complete of each work element, and the amount requested for payment.

Travel

(1) A copy of the detailed travel expense report without copies of receipts, tickets, etc.; or

(2) A listing reflecting the name of the individual, destination, date of departure and return, purpose of trip, and total travel costs incurred.

Training

(1) A copy of the invoice for payment of the course registration and associated costs (excluding travel reported above), or

(2) A listing reflecting the name of the individual, purpose of training, location of training, and associated costs (excluding travel reported above).

Equipment

(1) A copy of the invoice received from the vendor with the DOE property tag number reflected; or

(2) Listing of capital and non-capital equipment, furniture, and computer hardware and software purchased to reflect name of vendor, description of item purchased, date purchased, cost, and DOE property tag number.

Relocation

(1) A copy of the detailed relocation expense report with copies of receipts for major expenses such as real estate, transportation of household goods, temporary quarters, etc.

Supplies/Services

(1) A copy of the invoice received from the vendor; or

(2) Listing of each order for supplies and services purchased to reflect name of vendor, description of item purchased, date purchased, and cost.

Other

(1) A copy of the invoice received from the vendor; or

(2) Listing of each order for other miscellaneous purchases to reflect name of vendor, description of item purchased, date purchased, and cost.

DEPARTMENT OF ENERGY ORDERS APPLICABLE TO GJPO

ORDER NUMBER	DATE	LAST CHG	TITLE
DOE 1230.2	4/8/92		American Indian Tribal Government Policy
DOE 1240.2B	8/21/92	9/3/92	Unclassified Visits and Assignments by Foreign Nationals
DOE 1270.2B	6/23/92		Safeguards Agreement with the International Atomic Energy Agency
DOE 1300.2A	5/19/92		Department of Energy Technical Standards Program
DOE 1300.3	8/23/90		Policy on Protection of Human Subjects
DOE 1322.2C	10/22/91		Forms Management
DOE 1324.5B	1/12/95		Records Management Program
DOE 1330.1D	5/18/92		Computer Software Management
DOE 1332.1A	10/15/85	6/12/92	Uniform Reporting System
DOE 1340.1B	1/7/93		Management of Public Communications Publications and Scientific, Technical and Engineering Publications
DOE 1350.1	10/28/81	3/26/84	Audio-visual and Exhibits Management
DOE 1360.1B	1/7/93		Acquisition and Management of Computing Resources
DOE 1360.2B	5/18/92		Unclassified Computer Security Program
DOE 1360.3C	10/19/92		Information Technology Standards
DOE 1360.6A	11/12/92		Automatic Data Processing

				Equipment/Data Systems
DOE	1360.8A	5/18/92		Analysis of Benefits and Costs for Information Technology Resources Initiatives
DOE	1410.2	4/29/85		Mail Management
DOE	1430.1D	6/30/94		Management of Scientific and Technical Information
DOE	1430.4A	5/18/92		Library Services
DOE	1450.3A	9/12/91	4/9/92	Call Control/Verification Programs and Authorized Use of Government Telephone Systems
DOE	1450.4	11/12/92		Consensual Listening-in to or Recording Telephone/Radio Conversations
DOE	1500.3	11/10/86	7/6/94	Foreign Travel Authorization
DOE	1540.1A	7/8/92		Materials Transportation and Traffic Management
DOE	1540.2	9/30/86	12/19/88	Hazardous Material Packaging for Transportation Administration Procedures
DOE	1540.3A	7/8/92		Base Technology for Radioactive Material Transportation Packaging Systems
DOE	1700.1A	8/21/92		Freedom of Information Program
DOE	1800.1A	8/31/84	5/18/92	Privacy Act
DOE	2030.4B	5/18/92		Reporting Fraud, Waste, and Abuse to the Office of Inspector General
DOE	2100.8A	1/27/93		Cost Accounting, Cost Recovery, and Interagency Sharing of Data Processing Facilities
DOE	2110.1A	7/14/88	5/18/92	Pricing of Departmental Materials and Services
DOE	2200.4	3/31/88	6/8/92	Accounting Overview
DOE	2200.5B	6/8/92	8/16/93	Fund Accounting

DOE	2200.6A	1/7/93	6/13/94	Financial Accounting
DOE	2200.7	5/2/88		Cost Accounting
DOE	2200.8B	6/8/92		Accounting Systems, Organization and Reporting
DOE	2200.9B	6/8/92	2/23/93	Miscellaneous Accounting
DOE	2200.10A	8/9/89	8/16/93	Accounts, Codes, and Illustrative Entries
DOE	2200.12A	5/14/92		Financial Management Systems
DOE	2320.1C	5/18/92		Cooperation with the Office of Inspector General
DOE	3220.2A	5/14/92		Equal Opportunity in Operating and On-site Service Contract Facilities
DOE	3220.4A	1/7/93		Contractor Personnel and Industrial Relations Reports
DOE	3220.6A	5/14/92		Federal Labor Standards
DOE	3309.1A	11/30/92		Reduction in Contractor Employment
DOE	3830.1	8/23/82		Policies and Procedures for Pension Programs under Operating and On-Site Service Contracts
DOE	3890.1A	6/12/92		Contractor Insurance and Other Health Benefit Programs
DOE	3900.1B	5/18/92		Parking
DOE	4010.1A	5/14/92		Value Engineering
DOE	4220.4	5/19/86		Organizational Conflict of Interest Processing Procedures
DOE	4300.1C	6/28/92	6/13/94	Real Property Management
DOE	4300.2C	12/28/94		Work for Others (Non-Department of Energy Funded Work)
DOE	4320.1B	1/7/91	3/26/92	Site Development Planning
DOE	4320.2A	2/10/94		Capital Asset Management Process
DOE	4330.2D	5/18/92		In-House Energy Management

DOE	4330.4B	2/10/94		Maintenance Management Program
DOE	4700.1	3/6/87	6/2/92	Project Management System
DOE	4700.3	9/16/91	11/16/92	General Plant Projects
DOE	5000.3B	1/19/93	7/2/93	Occurrence Reporting and Processing of Operations Information
DOE	5300.1C	6/12/92		Telecommunications
DOE	5300.2D	5/18/92		Telecommunications: Emission Security (TEMPEST)
DOE	5300.3D	8/3/93		Telecommunications: Communications Security
DOE	5300.4D	3/4/94		Telecommunications: Protected Distribution Systems
DOE	5400.1	11/9/88	6/29/90	General Environmental Protection Program
DOE	5400.2A	1/31/89	1/7/93	Environmental Compliance Issue Coordination
DOE	5400.4	10/6/89		Comprehensive Environmental Response, Compensation, and Liability Act Requirements
DOE	5400.5	2/8/90	1/7/93	Radiation Protection of the Public and the Environment
DOE	5440.1E	11/10/92		National Environmental Policy Act Compliance Program
DOE	5480.1B	9/23/86	5/10/93	Environment, Safety, and Health (ES&H) Program for Department of Energy Operations
DOE	5480.3	7/9/85		Safety Requirements for the Packaging and Transportation of Hazardous Materials, Hazardous Substances, and Hazardous Wastes
DOE	5480.4	5/15/84	1/7/93	Environmental Protection Safety and Health Protection Standards
DOE	5480.7A	2/17/93		Fire Protection

DOE	5480.8A	6/26/92	10/19/92	Contractor Occupational Medical Program
DOE	5480.9A	4/13/94		Construction Project Safety and Health Program
DOE	5480.10	6/26/85		Contractor Industrial Hygiene Program
DOE	5480.11	12/21/88	6/17/92	Radiation Protection for Occupational Workers
DOE	5480.13A	2/23/93		Aviation Safety
DOE	5480.15	12/14/87		DOE Laboratory Accreditation Program for Personnel Dosimetry
DOE	5480.17	10/5/88		Site Safety Representatives
DOE	5480.19	7/9/90	5/18/92	Conduct of Operations Requirements for DOE Facilities
DOE	5480.21	12/24/91		Unreviewed Safety Questions
DOE	5480.28	1/15/93		Natural Phenomena Hazard Mitigation
DOE	5480.29	1/15/93		Employee Concerns Management System
DOE	5481.1B	9/23/86	5/19/87	Safety Analysis and Review System
DOE	5482.1B	9/23/86	11/18/91	Environmental, Safety and Health Appraisal Program
DOE	5483.1A	6/22/83		Occupational Safety and Health Program for DOE Contractor Employees at Government-owned, Contractor-operated Facilities
DOE	5484.1	2/24/81	10/17/90	Environmental Protection, Safety and Health Protection Information Reporting Requirements
DOE	5500.1B	4/30/91	2/27/92	Emergency Management System
DOE	5500.2B	4/30/91	2/27/92	Emergency Categories, Classes, and Notification and Reporting Requirements
DOE	5500.3A	4/30/91	2/27/92	Planning and Preparedness for Operational Emergencies

DOE	5500.4A	6/8/92		Public Affairs Policy and Planning Requirements for Emergencies
DOE	5500.5A	6/8/92		Public Affairs Policy and Planning Requirements for a Fuel Supply Disruption Emergency
DOE	5500.7B	10/23/91		Emergency Operating Records Protection Program
DOE	5500.8A	7/8/92		Energy Emergency Planning and Management
DOE	5500.9A	7/8/92		Emergency Planning, Preparedness, and Response to Continuity of Government Emergencies
DOE	5500.10	4/30/91	2/27/92	Emergency Readiness Assurance Program
DOE	5530.1A	9/20/91		Accident Response Group
DOE	5560.1A	5/8/85		Priorities and Allocations Program
DOE	5630.11B	8/02/94		Safeguards and Security Program
DOE	5630.12A	6/23/92		Safeguards and Security Inspection and Assessment Program
DOE	5630.13A	6/8/92		Master Safeguards and Security Agreements
DOE	5630.14A	6/9/92		Safeguards and Security Program Planning
DOE	5630.17	9/29/92		Safeguards and Security Standardization Program
DOE	5631.1C	5/4/94		Safeguards and Security Awareness Program
DOE	5631.2C	9/15/92	2/17/94	Personnel Security Program
DOE	5631.4A	7/8/92		Control of Classified Visits
DOE	5631.6A	9/15/92		Personnel Security Assurance Program
DOE	5632.1C	7/15/94		Protection and Control of Safeguards and Security Interests

DOE	5632.7A	4/13/94		Protective Force Program
DOE	5634.1B	9/15/92		Facility Approvals, Security Surveys, and Nuclear Materials Surveys
DOE	5634.3	6/14/93		Foreign Ownership, Control or Influence Program
DOE	5635.4	2/3/88	4/24/92	Protection of Unclassified Controlled Nuclear Information
DOE	5639.1	10/19/92		Information Security Program
DOE	5639.3	9/15/92		Violation of Laws, Losses, and Incidents of Security Concerns
DOE	5639.5	8/3/92	6/18/93	Technical Surveillance Countermeasures Program
DOE	5639.7	4/30/92		Operations Security Program
DOE	5639.8A	7/23/93		Security of Foreign Intelligence Information and Sensitive Compartmented Information Facilities
DOE	5650.2B	4/28/93		Identification of Classified Information
DOE	5650.3A	6/8/92		Identification of Unclassified Controlled Nuclear Information
DOE	5670.1A	1/15/92		Management and Control of Foreign Intelligence
DOE	5670.3	9/4/92		Counterintelligence Program
DOE	5700.2D	6/12/92		Cost Estimating, Analysis, and Standardization
DOE	5700.6C	8/21/91		Quality Assurance
DOE	5700.7C	5/18/92		Work Authorization System
DOE	5820.2A	9/26/88		Radioactive Waste Management
DOE	6430.1A	4/6/89		General Design Criteria Manual

ALBUQUERQUE OPERATIONS OFFICE ORDERS

APPLICABLE TO GJPO

ORDER NUMBER		DATE	LAST CHG	TITLE
AL	1240.2A	12/20/89		Unclassified Visits and Assignments by Foreign Nationals
AL	1322.2B	4/19/88		Forms Management
AL	1324.2	5/10/84		Records Disposition
AL	1324.3	2/5/82		Files Management
AL	1324.4	9/21/84		Micrographics Management
AL	1324.5A	1/5/93		Records Management Program
AL	1330.1D	11/2/92		Computer Software Management
AL	1340.1A	8/6/90		Printing and Related Activities
AL	1360.1A (Rev.1)	12/27/89	3/3/90	Acquisition and Management of Computing Resources
AL	1360.2B	3/31/94		Unclassified Computer Security Program
AL	1360.3	10/22/81		Automatic Data Processing and Data Communications Standards
AL	1360.6 (Rev. 1)	4/11/91		Automatic Data Processing Equipment/Data Systems
AL	1540.1	2/16/89	7/24/90	Materials Transportation and Traffic Management
AL	1540.2	9/14/88		Hazardous Material Packaging for Transportation - Administration Procedures
AL	1800.1	2/16/84		Privacy Act
AL	3220.2A	1/25/93		Equal Opportunity in Operating and On-site Service Contractor Facilities
AL	3220.3A	6/28/93		Human Resource Development for

				Management and Operating Contractors
AL	3220.4	9/1/85		Contractor Personnel and Industrial Relations Reports
AL	3220.6	12/9/91		Federal Labor Standards
AL	3309.1	7/30/92		Notification of Reduction-in-Force of Department of Energy Management and Operating Contractors
AL	3792.2	5/13/91		Albuquerque Operations Office Smoking Policy
AL	4010.1	2/20/90		Value Engineering
AL	4210.7B	4/6/93		Indirect Cost Rate Responsibilities
AL	4220.4	8/27/86		Organizational Conflict of Interest Processing Procedures
AL	4300.1B	7/30/90		Real Estate Management
AL	4300.2B	9/16/92		Non-Department of Energy Funded Work (Work for Others)
AL	4700.1	7/2/90		AL Project Management System
AL	5300.1B	8/28/90	3/28/91	Telecommunications
AL	5400.2A	7/13/93		Environmental Compliance Issue Coordination
AL	5400.5	9/9/93		Radiation Protection of the Public and the Environment
AL	5440.1D	3/19/92		Department of Energy Albuquerque Field Office National Environmental Policy Act Compliance Program
AL	5480.1 Ch. VIII	6/14/82		Contractor Occupational Medical Program
AL	5480.1 Ch. XII	12/18/81		Prevention, Control and Abatement of Environmental Pollution
AL	5480.1B	2/19/87		Environment, Safety and Health Program for AL Operations
AL	5480.3	8/17/87		Safety Requirements for the

				Packaging and Transportation of Hazardous Materials, Hazardous Substances and Hazardous Wastes
AL	5480.4	7/29/88		Environmental Protection, Safety, and Health Protection Standards
AL	5480.9	1/26/89		Construction Safety and Health Program
AL	5480.11	6/4/92		Radiation Protection for Occupational Workers
AL	5480.13A	11/30/93		Aviation Operations and Safety
AL	5480.21 (Rev.1)	5/12/94		Unreviewed Safety Questions
AL	5481.1B	1/27/88		Safety Analysis and Review System
AL	5482.1A	4/30/84		AL Environmental, Safety and Health (ES&H) Appraisal Program
AL	5483.1A	10/19/84		Occupational Safety and Health Program for DOE Contractor Employees at Government-Owned, Contractor-Operated Facilities
AL	5484.1	8/23/82	10/8/86	Environmental Protection, Safety and Health Protection Information Reporting Requirements
AL	5500.4	9/30/82		Public Affairs Policy and Planning Requirements for Emergencies
AL	5700.2C	7/8/88		Cost Estimating
AL	57XA (Rev.2)	5/28/93		Standards and Calibration Program
AL	57XB (Rev.1)	5/31/94	6/15/94	Suspect Parts Plan

GUIDANCE FOR PREPARATION OF DIVERSITY PLAN

The purpose of this Guidance is to assist the Contractor in understanding the information being sought by the Department for each of the Diversity elements and where these issues may already be addressed in a contract package. To the extent these issues are already addressed in a contract, the Contractor need only summarize or cross reference the parts of the Plan directly developed elsewhere in the contract.

Work Force

Most federal Government procurement actions include provisions on Equal Opportunity and Affirmative Action. These provisions are found in the series of clauses at FAR 52.222 (48 CFR 52.222) and regulatory guidance is found at FAR Part 22 (48 CFR Part 22). The Contractor should discuss its policies and plans for implementation of these provisions in its operations. If the Contractor already has procedures in place, these should be discussed and copies of any policies provided.

Educational Outreach

The Contractor should outline or discuss any programs already provided, or which it intends to provide, which will provide employees an opportunity to improve their employment skills and opportunities. These programs may already be discussed in the offer submitted under a RFP or the Personnel Appendix of an executed contract and could include: educational assistance allowances, provisions for outside training programs either during or outside regular work hours, and executive training programs for non-executive employees. The Contractor should also discuss any plans to participate in any programs supporting Historically Black Colleges and Universities.

Employee training and educational opportunities may be a subject largely controlled by the unions at a site, particularly through bargaining agreements. If that is the case, it is not the Department's intent that the Contractor develop an independent structure for employee training and educational opportunities. In preparation of its Diversity Plan, the Contractor should outline the requirements already placed on it under existing bargaining agreements, discuss any proposals for changes to be raised at any future bargaining sessions, and discuss any educational or training programs which it operates, or will operate independently of those provided by the unions.

Stakeholder Involvement and Outreach

An offer submitted under a RFP or the Personnel Appendix of an executed contract may include a section already dealing with stakeholder involvement and outreach activities. Contractor stakeholder relations activities could include support for the following activities: support for science, mathematics and engineering education; support for stakeholder service organizations; assistance to Governmental and stakeholder service organizations for equal opportunity activities; and stakeholder assistance in connection with work force reduction plans. The Contractor may provide support to these activities through direct sponsorship or making individual employees available to work with the specific stakeholder activity. Depending upon the terms negotiated between the

Department and the Contractor, some of these costs may be reimbursable. The Contractor's Diversity Plan should discuss the Contractor's existing and planned activities prompting stakeholder involvement of its employees as well as the corporation.

Subcontracting

If the Contractor is participating, or plans to participate, in the Department's Mentor Protégé Program, this involvement, or planned involvement, should be summarized or discussed. Information concerning its subcontracting plans already developed and submitted by the Contractor does not need to be redeveloped or renegotiated by the Contractor.

Economic Development (Including Technology Transfer)

Many of the Department's contract actions include Technology Transfer provisions which may be found in the H Section, Special Contract Provisions, or among the patent and intellectual property clauses of Section I, Standard Clauses. Planning or activities developed under the Technology Transfer clause may apply to this element of the Contractor's Diversity Plan. Additionally, some of the subcontracting activities planned by the Contractor with small businesses or small disadvantaged businesses may be entered into for the purpose of assisting the economic development of or transferring technology to such a business. The Contractor's Diversity Plan should outline and discuss its planned activities promoting economic diversification of the local community.

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

Alan L. Moss
Director

Division of
Wage Determinations

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210

Wage Determination No.: 95-0227

Date of Last Revision: 03/20/1995

State(s): Colorado

Area: COLORADO COUNTIES OF MESA.

** Fringe Benefits Required For All Occupations Included In This Wage Determination Follow The Occupational Listing **

OCCUPATION	MINIMUM HOURLY WAGE
Employed on contracts for management, engineering, and scientific services at Grand Junction:	

In accordance with Section 2(a) and 4(c) of the Service Contract Act, as amended employees employed by the contractor in performing the above services and covered by the collective bargaining agreement(s) between Chem-Nuclear Geotech, Inc. and Local Union No. 2-655, Oil Chemical and Atomic Workers International Union and Local Union No. 65, International Guards Union of America are to be paid wage rates and fringe benefits set forth in the bargaining agreement(s), effective July 5, 1993-July 15, 1996 and March 1, 1993-February 25, 1996, respectively.

** UNIFORM ALLOWANCE **

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of $4.25 per week (or $.85 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried

with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

**** NOTES APPLYING TO THIS WAGE DETERMINATION ****

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE (Standard Form 1444 (SF 1444))

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. (See Section 4.6 (C)(vi)) When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).

2) After contract award, the contractor prepares a written report listing in order proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.

3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).

4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.

5) The contracting officer transmits the Wage and Hour decision to the contractor.

6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

NOTE:

In accordance with Section 4(c) of the Service Contract Act, as amended, the wage rates and fringe benefits set forth in this wage determination are based on a collective bargaining agreement(s) under which the incumbent contractor is operating. The wage determination sets forth the wage rates and fringe benefits provided by the collective bargaining agreement and applicable to performance on the service contract. However, failure to include any job classification, wage rate, or fringe benefit encompassed in the collective bargaining agreement does not relieve the successor contractor of the statutory requirements to comply as a minimum with the terms of the collective bargaining agreement insofar as wages and fringe benefits are concerned.

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

Alan L. Moss
Director

Division of
Wage Determinations

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210

Wage Determination No.: 94-2083
Revision No.: 2
Date of Last Revision: 08/08/1994

State(s): Colorado

Area: COLORADO COUNTIES OF ALAMOSA, ARCHULETA, BACA, BENT, CHAFFEE, CONEJOS, COSTILLA, CROWLEY, CUSTER, DELTA, DOLORES, EAGLE, FREMONT, GARFIELD, GUNNISON, HINSDALE, HUERFANO, KIOWA, LA PLATA, LAKE, LAS ANIMAS, MESA, MINERAL, MOFFAT, MONTEZUMA, MONTROSE, OTERO, OURAY, PITKIN, PROWERS, PUEBLO, RIO BLANCO, RIO GRANDE, ROUTT, SAGUACHE, SAN JUAN, SAN MIGUEL.

** Fringe Benefits Required For All Occupations Included In This Wage Determination Follow The Occupational Listing **

OCCUPATION CODE AND TITLE	MINIMUM HOURLY WAGE
ADMINISTRATIVE SUPPORT AND CLERICAL:	
01011 Accounting Clerk I	$ 7.80
01012 Accounting Clerk II	$ 8.87
01013 Accounting Clerk III	$ 9.16
01014 Accounting Clerk IV	$ 9.37
01020 Court Reporter	$ 11.00
01050 Dispatcher, Motor Vehicle	$ 9.37
01060 Document Preparation Clerk	$ 7.80
01090 Duplicating Machine Operator	$ 7.80
01110 Film/Tape Librarian	$ 8.78
01115 General Clerk I	$ 6.33
01116 General Clerk II	$ 7.05
01117 General Clerk III	$ 8.58
01118 General Clerk IV	$ 9.16
01120 Housing Referral Assistant	$ 11.23
01131 Key Entry Operator I	$ 6.68
01132 Key Entry Operator II	$ 8.25
01191 Order Clerk I	$ 7.00
01192 Order Clerk II	$ 7.80
01220 Order Filler	$ 10.05
01261 Personnel Assistant (Employment) I	$ 6.33
01262 Personnel Assistant (Employment) II	$ 7.05
01263 Personnel Assistant (Employment) III	$ 8.58
01264 Personnel Assistant (Employment) IV	$ 9.16
01270 Production Control Clerk	$ 11.23
01290 Rental Clerk	$ 8.46
01300 Scheduler, Maintenance	$ 8.78
01311 Secretary I	$ 8.46
01312 Secretary II	$ 11.00
01313 Secretary III	$ 11.23
01314 Secretary IV	$ 12.48
01315 Secretary V	$ 13.83
01320 Service Order Dispatcher	$ 8.46

01341	Stenographer I	$ 9.82
342	Stenographer II	$ 10.32
01400	Supply Technician	$ 12.48
01420	Survey Worker(Interviewer)	$ 11.00
01460	Switchboard Operator-Receptionist	$ 9.63
01531	Travel Clerk I	$ 6.92
01532	Travel Clerk II	$ 7.39
01533	Travel Clerk III	$ 7.79
01551	Typist I	$ 7.05
01552	Typist II	$ 8.48
01611	Word Processor I	$ 8.00
01612	Word Processor II	$ 9.00
01613	Word Processor III	$ 10.05

AUTOMATIC DATA PROCESSING:

03010	Computer Data Librarian	$ 10.09
03041	Computer Operator I	$ 8.95
03042	Computer Operator II	$ 10.09
03043	Computer Operator III	$ 12.26
03044	Computer Operator IV	$ 13.63
03045	Computer Operator V	$ 15.09
03071	Computer Programmer I 1/	$ 10.09
03072	Computer Programmer II 1/	$ 12.48
03073	Computer Programmer III 1/	$ 15.26
03074	Computer Programmer IV 1/	$ 18.46
03101	Computer Systems Analyst I 1/	$ 15.26
03102	Computer Systems Analyst II 1/	$ 18.46
.03	Computer Systems Analyst III 1/	$ 22.13
03160	Peripheral Equipment Operator	$ 10.09

AUTOMOTIVE SERVICE:

05005	Automobile Body Repairer, Fiberglass	$ 12.67
05010	Automotive Glass Installer	$ 11.62
05040	Automotive Worker	$ 11.62
05070	Electrician, Automotive	$ 12.67
05100	Mobile Equipment Servicer	$ 10.55
05130	Motor Equipment Metal Mechanic	$ 12.67
05160	Motor Equipment Metal Worker	$ 11.62
05190	Motor Vehicle Mechanic	$ 12.67
05220	Motor Vehicle Mechanic Helper	$ 9.92
05250	Motor Vehicle Upholstery Worker	$ 11.62
05280	Motor Vehicle Wrecker	$ 11.62
05310	Painter, Automotive	$ 12.29
05340	Radiator Repair Specialist	$ 11.62
05370	Tire Repairer	$ 10.55
05400	Transmission Repair Specialist	$ 12.67

FOOD PREPARATION AND SERVICE:

07010	Baker	$ 11.83
07041	Cook I	$ 10.83
07042	Cook II	$ 11.83
70	Dishwasher	$ 8.31
07100	Food Service Worker	$ 8.31
07130	Meat Cutter	$ 11.83
07250	Waiter/Waitress	$ 8.90

FURNITURE MAINTENANCE AND REPAIR:

09010	Electrostatic Spray Painter	$ 12.46
09040	Furniture Handler	$ 10.05
09070	Furniture Refinisher	$ 12.46
09100	Furniture Refinisher Helper	$ 10.05
09110	Furniture Repairer, Minor	$ 10.69
09130	Upholsterer	$ 12.46

GENERAL SERVICES AND SUPPORT:

11030	Cleaner, Vehicles	$ 8.31
11060	Elevator Operator	$ 8.31
11090	Gardener	$ 10.83
11121	Housekeeping Aide I	$ 8.31
11122	Housekeeping Aide II	$ 8.90
11150	Janitor	$ 8.31
11180	Laborer	$ 8.27
11210	Laborer, Grounds Maintenance	$ 8.90
11240	Maid or Houseman	$ 7.70
11270	Pest Controller	$ 11.61
11300	Refuse Collector	$ 8.31
11360	Window Cleaner	$ 8.90

HEALTH:

12010	Ambulance Driver	$ 10.83
12040	Emergency Medical Technician	$ 10.11
12070	Licensed Practical Nurse	$ 9.09
12100	Medical Assistant	$ 8.13
12130	Medical Laboratory Technician	$ 8.13
12160	Medical Record Clerk	$ 8.13
12190	Medical Record Technician	$ 11.26
12220	Nursing Assistant	$ 7.24
12250	Pharmacy Technician	$ 10.13
12280	Phlebotomist	$ 8.13
12311	Registered Nurse I	$ 11.26
12312	Registered Nurse II	$ 13.77
12313	Registered Nurse II, Specialist	$ 13.77
12314	Registered Nurse III	$ 16.66
12315	Registered Nurse III, Anesthetist	$ 16.66
12316	Registered Nurse IV	$ 19.97

INFORMATION AND ARTS:

13002	Audiovisual Librarian	$ 12.96
13011	Exhibits Specialist I	$ 10.46
13012	Exhibits Specialist II	$ 12.96
13013	Exhibits Specialist III	$ 15.85
13041	Illustrator I	$ 10.46
13042	Illustrator II	$ 12.96
13043	Illustrator III	$ 15.85
13050	Library Technician	$ 10.46
13071	Photographer I	$ 9.36
13072	Photographer II	$ 10.46
13073	Photographer III	$ 12.96
13074	Photographer IV	$ 15.85
13075	Photographer V	$ 18.46

NDRY, DRY CLEANING, PRESSING:

15010	Assembler	$ 5.19
15030	Counter Attendant	$ 5.19
15040	Dry Cleaner	$ 6.41
15070	Finisher, Flatwork, Machine	$ 5.19
15090	Presser, Hand	$ 5.19
15100	Presser, Machine, Dry Cleaning	$ 5.19
15130	Presser, Machine, Shirts	$ 5.19
15160	Presser, Machine, Wearing Apparel, Laundry	$ 5.19
15190	Sewing Machine Operator	$ 6.74
15220	Tailor	$ 7.12
15250	Washer, Machine	$ 5.64

MACHINE TOOL OPERATION AND REPAIR:

19010	Machine-tool Operator (Toolroom)	$ 12.46
19040	Tool and Die Maker	$ 13.91

MATERIALS HANDLING AND PACKING:

21010	Fuel Distribution System Operator	$ 10.64
21020	Material Coordinator	$ 11.22
21030	Material Expediter	$ 11.22
[illegible]040	Material Handling Laborer	$ 9.30
[illegible]071	Forklift Operator	$ 9.55
21100	Shipping/Receiving Clerk	$ 10.64
21130	Shipping Packer	$ 10.64
21150	Stock Clerk	$ 8.80
21210	Tools and Parts Attendant	$ 10.05
21400	Warehouse Specialist	$ 10.64

MECHANICS AND MAINTENANCE AND REPAIR:

23010	Aircraft Mechanic	$ 12.84
23040	Aircraft Mechanic Helper	$ 10.05
23060	Aircraft Servicer	$ 11.22
23070	Aircraft Worker	$ 11.77
23100	Appliance Mechanic	$ 12.46
23120	Bicycle Repairer	$ 10.55
23125	Cable Splicer	$ 12.84
23130	Carpenter, Maintenance	$ 12.46
23140	Carpet Layer	$ 11.77
23160	Electrician, Maintenance	$ 12.84
23181	Electronics Technician, Maintenance I	$ 9.98
23182	Electronics Technician, Maintenance II	$ 12.27
23183	Electronics Technician, Maintenance III	$ 14.84
23260	Fabric Worker	$ 10.69
23290	Fire Alarm System Mechanic	$ 12.84
[illegible]710	Fire Extinguisher Repairer	$ 11.22
40	Fuel Distribution System Mechanic	$ 12.84
23370	General Maintenance Worker	$ 11.77
23400	Heating, Refrigeration and Air Conditioning Mechanic	$ 12.84

23430	Heavy Equipment Mechanic	$ 12.84
23460	Instrument Mechanic	$ 12.84
23500	Locksmith	$ 12.46
23530	Machinery Maintenance Mechanic	$ 12.84
23550	Machinist, Maintenance	$ 12.84
23580	Maintenance Trades Helper	$ 10.36
23640	Millwright	$ 12.84
23700	Office Appliance Repairer	$ 12.46
23740	Painter, Aircraft	$ 12.46
23760	Painter, Maintenance	$ 14.46
23790	Pipefitter, Maintenance	$ 12.84
23800	Plumber, Maintenance	$ 14.46
23820	Pneudraulic Systems Mechanic	$ 12.84
23850	Rigger	$ 12.84
23870	Scale Mechanic	$ 11.77
23890	Sheet-metal Worker, Maintenance	$ 12.84
23910	Small Engine Mechanic	$ 11.77
23930	Telecommunications Mechanic I	$ 12.84
23940	Telecomunications Mechanic II	$ 13.55
23950	Telephone Lineman	$ 12.84
23960	Welder, Combination, Maintenance	$ 12.84
23965	Well Driller	$ 12.84
23970	Woodcraft Worker	$ 12.84
23980	Woodworker	$ 11.77

PERSONAL NEEDS:

24570	Child Care Attendant	$ 8.96
24600	Chore Aide	$ 7.70
24630	Homemaker	$ 12.41

PLANT AND SYSTEM OPERATION:

25010	Boiler Tender	$ 12.84
25040	Sewage Plant Operator	$ 12.46
25070	Stationary Engineer	$ 12.84
25190	Ventilation Equipment Tender	$ 10.05
25210	Water Treatment Plant Operator	$ 12.46

PROTECTIVE SERVICE:

27004	Alarm Monitor	$ 6.33
27010	Court Security Officer	$ 7.05
27040	Detention Officer	$ 7.05
27070	Firefighter	$ 7.05
27101	Guard I	$ 5.03
27102	Guard II	$ 6.33
27130	Police Officer	$ 7.05

TECHNICAL:

29020	Archeological Technician	$ 12.96
29030	Cartographic Technician	$ 12.96
29040	Civil Engineering Technician	$ 12.96
29061	Drafter I	$ 8.33
29062	Drafter II	$ 9.36
29063	Drafter III	$ 10.46
29064	Drafter IV	$ 12.96
29070	Embalmer	$ 15.85
29081	Engineering Technician I	$ 8.33

29082	Engineering Technician II	$ 9.36
29083	Engineering Technician III	$ 10.46
29084	Engineering Technician IV	$ 12.96
29085	Engineering Technician V	$ 15.85
29086	Engineering Technician VI	$ 19.17
29090	Environmental Technician	$ 12.96
29210	Laboratory Technician	$ 12.26
29240	Mathematical Technician	$ 12.96
29330	Mortician	$ 15.85
29390	Photooptics Technician	$ 12.96
29480	Technical Writer	$ 15.09
29620	Weather Observer, Senior 2/	$ 13.63
29621	Weather Observer, Combined 2/ Upper Air and Surface Programs	$ 12.26
29622	Weather Observer, Upper Air 2/	$ 12.26

TRANSPORTATION/MOBILE EQUIPMENT OPERATION:

31030	Bus Driver	$ 10.69
31100	Driver Messenger	$ 9.37
31200	Heavy Equipment Operator	$ 12.84
31290	Shuttle Bus Driver	$ 9.98
31300	Taxi Driver	$ 10.11
31361	Truckdriver, Light Truck	$ 9.98
31362	Truckdriver, Medium Truck	$ 10.69
31363	Truckdriver, Heavy Truck	$ 12.07
36364	Truckdriver, Tractor-Trailer	$ 12.62

MISCELLANEOUS:

99005	Aircraft Quality Control Inspector	$ 13.55
99020	Animal Caretaker	$ 9.50
99030	Cashier	$ 7.31
99040	Child Care Center Clerk	$ 11.16
99050	Desk Clerk	$ 8.96
99260	Instructor	$ 13.63
99300	Lifeguard	$ 7.98
99350	Park Attendant (Aide)	$ 10.02
99400	Photofinishing Worker	$ 7.98
99500	Recreation Specialist	$ 12.41
99510	Recycling Worker	$ 10.11
99610	Sales Clerk	$ 7.98
99630	Sports Official	$ 7.98
99658	Survey Party Chief	$ 10.83
99659	Surveying Technician	$ 10.02
99660	Surveying Aide	$ 7.31
99690	Swimming Pool Operator	$ 11.83
99720	Vending Machine Attendant	$ 10.11
99730	Vending Machine Repairer	$ 11.83
99740	Vending Machine Repairer Helper	$ 10.11

**** Fringe Benefits Required For All Occupations Included In This Wage Determination ****

HEALTH & WELFARE: $0.90 per hour or $36.00 per week or $156.00 per

month.

VACATION: Two weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 5 years; 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractor in the performance of similar work at the same Federal facility. (Reg. 4.173)

HOLIDAYS: Minimum of ten paid holidays per year: New Year's Day, Martin Luther King Jr.'s Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

1/

Does not apply to employees employed in a bona fide executive, administrative, or professional capacity as defined and delineated in 29 CFR 541. (See 29 CFR 4.156)

2/

APPLICABLE TO WEATHER OBSERVERS ONLY - NIGHT PAY & SUNDAY PAY: If you work at night as a part of a regular tour of duty, you will earn a NIGHT DIFFERENTIAL and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employee (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

**** UNIFORM ALLOWANCE ****

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of $4.25 per week (or $.85 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards

set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

** NOTES APPLYING TO THIS WAGE DETERMINATION **

Source of Occupational Titles and Descriptions:

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations," Fourth Edition, January 1993, as amended by First Supplement December 1993, unless otherwise indicated. This publication may be obtained from the Superintendent of Documents, at 202-783-3238, or by writing to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Copies of specific job descriptions may also be obtained from the appropriate contracting officer.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE (Standard Form 1444 (SF 1444))

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. (See Section 4.6 (C)(vi)) When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).

2) After contract award, the contractor prepares a written report listing in order proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.

3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's

recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).

4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.

5) The contracting officer transmits the Wage and Hour decision to the contractor.

6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

Guidance for
Environment, Safety & Health Management Plan*

Within 60 days after the date of award of the contract, the contractor shall submit to the contracting officer for review and approval an Environment, Safety & Health (ES&H) Management Plan. Elements of this Plan may already have been submitted as part of contract (extension) negotiations, as terms in an offer in response to a request-for-proposal (RFP), or under requirements in a DOE Order or Directive. Other elements of the ES&H Management Plan may appear in related contract clauses or appendices included as part of the final contract and minimal additional planning or development may be required by the contractor in connection with preparing the Plan. To at least some degree, preparation of the Plan will be a matter of tying together and presenting in a cohesive form ES&H elements addressed elsewhere in the contract, presented in the RFP, or required by DOE Order or Directive. However, preparation of this contractor's attention on those issues and integrating ES&H planning and execution in the work. The Plan shall acknowledge and address the following:

ES&H Responsibilities of Key Personnel

The Plan shall confirm that the contractor explicitly holds the Program Manager for the Grand Junction (GJ) Site responsible for and accountable for satisfactory ES&H performance under the contract. Additionally, any other key personnel reporting directly to the Program Manger at the site on ES&H issues shall be held explicitly responsible and accountable for satisfactory ES&H performance within their purview. ES&H performance shall also be included in evaluations of personnel performance.

Integrated Planning

The Plan shall:

(a) be consistent with and further the purpose of the Department's Strategic Plan and goals relative to ES&H;

(b) demonstrate management commitment for bringing about actions to correct conditions impacting satisfactory ES&H performance;

(c) reflect the contractor's commitment to put in place all the elements of a comprehensive ES&H program according to a negotiated and definitive schedule for funded activities;

(d) provide for ES&H issue identification and risk-based resource allocation (i.e., ES&H Management Planning Process);

(e) provide a framework for contingency planning to ensure critical elements of the ES&H program are conducted in the event of shortfalls in funding;

(f) describe the mechanism for holding the contractor Chief executive Officer at the site accountable for ES&H performance;

(g) address the role of the parent corporation (if this situation is present) to support and ensure that the contractor is integrating and carrying out ES&H

responsibilities, when appropriate (particularly where a corporate performance guarantee is provided under the contract), and;

(h) describe provisions for recognizing equivalent training and/or reciprocity for training and flow down of ES&H training requirements to subcontractors.

Compliance with Safety and Health Standards

The Plan shall confirm the contractor's commitment to comply with applicable regulations including, but not limited to, those promulgated by the U.S. Department of Labor and appropriate safety and health standards. The Plan shall indicate the contractor's management position which will be the on-site designated representative responsible for resolving contractor and subcontractor safety and health issues.

Environmental Compliance

The Plan shall include provisions for an environmental protection program and describe the methods which will ensure that environmental requirements are considered in all phases of contract activities. The Plan shall indicate the contractor's management position what will be the on site designated representative responsible for all contractor and subcontractor environmental issues.

Worker Participation

The Plan shall describe the framework to be established by the contractor for worker participation on environment, safety and health issues in the development of work plans and procedures for completing work assignments and promoting an understanding of workplace hazards.

Work Planning

The Plan shall describe the system the contractor will use to ensure that tasks performed directly or indirectly by the contractor or subcontractors working on-site are preplanned to promote environmental protection and compliance, identification and analysis of safety and health hazards, and protection of workers and the public.

Evaluation and Corrective Action

Self-evaluation is required in certain provisions of this contract. The Plan shall describe how these self-evaluations will provide for an internal environmental, safety and health performance evaluation and corrective action system. The Plan shall describe how management will continually assess the adequacy and implementation of the ES&H program to assure continuous improvement and that deficiencies are corrected in a cost effective manner.

*NOTE: This Plan is the current DOE ES&H Management Plan that is described in the "DOE ES&H Management Plan Guidance Manual" augmented to include the provisions of this appendix.