SOLICITATION, OFFER AND AWARD

1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)	RATING	PAGE OF PAGES
		1 / 2

2. CONTRACT NUMBER	3. SOLICITATION NUMBER	4. TYPE OF SOLICITATION	5. DATE ISSUED	6. REQUISITION/PURCHASE NUMBER
	DE-SOL-0003195	☐ SEALED BID (IFB) ☐ NEGOTIATED (RFP)	12/01/2011	

7. ISSUED BY CODE 03001

EMCBC
U.S. Department of Energy
EM Consolidated Business Center
250 E. 5th Street, Suite 500
Cincinnati OH 45202

8. ADDRESS OFFER TO (If other than Item 7)

NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder".

SOLICITATION

9. Sealed offers in original and 3 copies for furnishing the supplies or services in the Schedule will be received at the place specified in Item 8, or if hand carried, in the depository located in _____ until 1600 ET (Hour) local time 01/17/2012 (Date)

CAUTION: LATE Submissions, Modifications, and Withdrawals: See Section L, Provision No. 52.214-7 or 52.215-1. All offers are subject to all terms and conditions contained in this solicitation.

10. FOR INFORMATION CALL:	A. NAME	B. TELEPHONE (NO COLLECT CALLS)			C. E-MAIL ADDRESS
		AREA CODE	NUMBER	EXT.	

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OFFER *(Must be fully completed by offeror)*

NOTE: Item 12 does not apply if the solicitation includes the provisions at 52.214-16, Minimum Bid Acceptance Period.

12. In compliance with the above, the undersigned agrees, if this offer is accepted within _____ calendar days (60 calendar days unless a different period is inserted by the offeror) from the date for receipt of offers specified above, to furnish any or all items upon which prices are offered at the price set opposite each item, delivered at the designated point(s), within the time specified in the schedule.

13. DISCOUNT FOR PROMPT PAYMENT *(See Section I, Clause No. 52.232.8)*	10 CALENDAR DAYS (%)	20 CALENDAR DAYS (%)	30 CALENDAR DAYS (%)	CALENDAR DAYS (%)

14. ACKNOWLEDGEMENT OF AMENDMENTS *(The offeror acknowledges receipt of amendments to the SOLICITATION for offerors and related documents numbered and dated):*	AMENDMENT NO.	DATE	AMENDMENT NO.	DATE

15A. NAME AND ADDRESS OF OFFEROR

CODE 41ME5 FACILITY

S&K Aerospace, LLC
63066 Old Highway 93, Suite B,
St. Ignatius, Montana 59865

16. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER *(Type or print)*

Anthony L. Amadeo
VP, Operations

15B. TELEPHONE NUMBER			15C. CHECK IF REMITTANCE ADDRESS	17. SIGNATURE	18. OFFER DATE
AREA CODE	NUMBER	EXT.	☐ IS DIFFERENT FROM ABOVE - ENTER SUCH ADDRESS IN SCHEDULE.		21 May 12
580	579-0037				

AWARD *(To be completed by government)*

19. ACCEPTED AS TO ITEMS NUMBERED	20. AMOUNT	21. ACCOUNTING AND APPROPRIATION

22. AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION:
☐ 10 U.S.C. 2304 (c) ( ) ☐ 41 U.S.C. 253 (c) ( )

23. SUBMIT INVOICES TO ADDRESS SHOWN IN *(4 copies unless otherwise specified)* ITEM

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

25. PAYMENT WILL BE MADE BY CODE

26. NAME OF CONTRACTING OFFICER *(Type or print)*

Kimberly A. Tate

27. UNITED STATES OF AMERICA

Signature on File

(Signature of Contracting Officer)

28. AWARD DATE

IMPORTANT - Award will be made on this Form, or on Standard Form 26, or by other authorized official written notice.

NAME OF OFFEROR OR CONTRACTOR

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Period of Performance: 06/20/2012 to 06/19/2015				

PART I – THE SCHEDULE

SECTION B

SERVICES AND PRICES/COSTS

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B.1 ITEMS BEING ACQUIRED

The Contractor shall furnish all personnel, facilities, equipment, material, supplies, and services (except as set forth in this contract as furnished by DOE) and otherwise do all things necessary for, or incidental to, the performance of executing the work as described in Section C, Performance Work Statement (PWS) in support of the Moab Uranium Mill Tailings Remediation Action (UMTRA) Project.

B.2 CONTRACT FUNDING PROFILE

A. Incremental funding for individual CLINs will be provided as determined necessary by the Contracting Officer within funding constraints and within the terms and conditions of the contract. The anticipated contract funding and the status of the obligation of contract funding is and/or will be provided in Section B.4 and may be modified from time to time.

B. This is a Cost Plus Award Fee (CPAF) type contract. Anticipated funding to be associated with award fee is set forth in the Performance Evaluation Measurement Plan (PEMP) (Section J, Attachment 6). Amounts earned and/or obligated will be set forth during performance in Section B.3 and may be modified from time to time. There shall be no adjustment in the amount of the total available award fee due to differences between the estimated cost of the performance of the work and the actual cost of performance of the work. The total available award fee is subject to adjustment only under the provisions of the clause in Section I entitled, “Changes – Cost Reimbursement” or other applicable contract provisions.

B.3 CONTRACT LINE ITEMS (CLINs) – ESTIMATED COST AND AWARD FEE

The following amounts are subject to the availability of funds and are not a guarantee of minimum funding:

CLIN 001 – Moab Technical Assistance Contract Services (Base Period)
Period of Performance: (June 20, 2012 – June 19, 2015)

TOTAL ESTIMATED COST: [redacted]

AWARD FEE: [redacted]

TOTAL CLIN: $12,048,016

Funds Obligated

Mod No.	Accounting and Appropriation Data		
001-043	Fund: 01751 Appr Year: 2015 Alottee: 33 Report Entity: 490812 Obj Class: 25422 Program: 1111507 Project: 0004362 WFO: 0000000 Local Use:	For Costs CLIN 001	$ 12,023,066

	0000000	
Total		$ 12,023,066

CLIN 002 – Moab Technical Assistance Contract Services (Option Period 1)
Period of Performance: (June 20, 2015 – June 19, 2016)

TOTAL ESTIMATED COST: [redacted]

AWARD FEE: [redacted]

TOTAL CLIN: $3,913,629

Funds Obligated

Mod No.	Accounting and Appropriation Data	Funds Obligated
043 -	Fund: 01751 Appr Year: 2015 Alottee: 33 Report Entity: 490812 Obj Class: 25422 Program: 1111507 Project: 0004382 WFO: 000000 Local Use: 000000	$1,170,376.73
Total		$1,170,376.73

CLIN 003 – Moab Technical Assistance Contract Services (Option Period 2)
Period of Performance: (June 20, 2016 – June 19, 2017)

TOTAL ESTIMATED COST: [redacted]

AWARD FEE: [redacted]

TOTAL CLIN: $ 3,763,853

Funds Obligated

Mod No.	Accounting and Appropriation Data	Funds Obligated
Total		

CLIN 004 – Award Fee
Base Period of Performance: June 20, 2012 – June 19, 2015
Option 1 Period of Performance (if exercised)*: June 20, 2015 – June 19, 2016
Option 2 Period of Performance (if exercised)*: June 20, 2016 – June 19, 2017

Evaluation Period	Award Fee Available	Award Fee (AF) Earned
Period 1	$ 245,122	$235,317.12
Period 2	$ 240,996	$231,356.00
Period 3	$ 302,068	$277,902.56
Period 4*	[redacted]	TBD after AF determination
Period 5*	[redacted]	TBD after AF determination
Total	[redacted]	TBD after AF determination

A. The award fee for this contract shall be awarded upon the unilateral determination of DOE's Fee Determination Official (FDO) that an award fee has been earned in accordance with the Performance Evaluation Measurement Plan (PEMP) (Section J, Attachment 6). The unilateral decision is made solely at the discretion of the Government. This determination shall be based upon the FDO's evaluation of the contractor's performance, as measured against the evaluation criteria as set forth in the Performance Evaluation Measurement Plan.

B. Award fee available for each period will be as set forth in the Performance Evaluation Measurement Plan. Section J, Attachment 6, does not commit the Government to the providing of funds, nor waive the Government's right to make a unilateral determination of the amount earned or the methodology for determining award fee. Award fee will be paid semi-annually.

C. The evaluation of contractor performance shall be in accordance with the Performance Evaluation Measurement Plan (Section J, Attachment 6) and this clause unless otherwise set forth in this contract. The contractor shall be promptly advised in writing of the fee determination and the basis of the fee determination. The FDO may at his/her discretion adjust the fee to reflect the contractor's performance of the Performance Work Statement requirements. To the extent not set forth elsewhere in the contract:

   i. The Performance Evaluation Measurement Plan sets forth the criteria upon which the contractor will be evaluated relating to any technical, schedule, management, and/or cost objectives selected for evaluation. The Plan shall also set forth the method by which the total available fee amount will be allocated and the amount earned determined.

   ii. The Performance Evaluation Measurement Plan may, consistent with the PWS, be revised during the period of performance. The Contracting Officer shall notify the Contractor:

      1. prior to the start of an evaluation period if the requirements, evaluation areas, specific incentives, amount of fee, and allocation of fee to such evaluation areas and specific incentives have been mutually agreed to by the parties;

      2. not later than thirty days prior to the scheduled start date of the evaluation period, if the requirements, evaluation areas, specific incentives, amount of fee, and allocation of fee to such evaluation areas and specific incentives have been unilaterally established by the Contracting Officer;

      3. of such unilateral changes at least 90 calendar days prior to the end of the affected evaluation period and at least 30 calendar days prior to the effective date of the change;

      4. of such bilateral changes at least 60 calendar days prior to the end of the affected evaluation period; or

      5. if such change, whether unilateral or bilateral, is urgent and high priority as determined by the Contracting Officer, at least 30 calendar days prior to the end of the evaluation period.

B.4 RESERVED

B.5 AWARD FEE PROVISIONAL BILLING

Monthly provisional payments of fee may be authorized by the CO. The Contractor may request monthly provisional payments of fee up to 50% of the total fee otherwise available for the period of **June 20, 2012 through June 19, 2016** (not to exceed 60% on an annual basis). Provisional fee is not considered earned fee and is contingent upon a final Fee Determination by the FDO. Upon the Contracting Officer's unilateral modification of the contract to reflect the FDO's final determination of award fee, the Contractor may bill any amount not previously paid or must repay any excess amount paid.

B.6 LIMITATION OF FUNDS AND FINANCIAL PLANS

A. Pursuant to the FAR clause 52.232-22, entitled "Limitation of Funds," the total amount of incremental funding allotted to this contract is **$13,193,442.73.** It is estimated that this amount is sufficient to cover performance through _____.

Funds Obligated – Total Contract

Mod. No.	Contract Line Item No.			Total Obligations
	001	002	003	
Basic	$1,000,000.00	$0.00	$0.00	$1,000,000.00
001	$0.00	$0.00	$0.00	$0.00
002	$365,000.00	$0.00	$0.00	$365,000.00
TOTAL	**$1,365,000.00**	$0.00	$0.00	**$1,365,000.00**
003	$0.00	$0.00	$0.00	$0.00
004	$2,000,000.00	$0.00	$0.00	$2,000,000.00
TOTAL	**$3,365,000.00**	**$0.00**	**$0.00**	**$3,365,000.00**
005	$0.00	$0.00	$0.00	$0.00
006	$0.00	$0.00	$0.00	$0.00
007	$160,058.87	$0.00	$0.00	$160,058.87
TOTAL	**$3,525,058.87**	**$0.00**	**$0.00**	**$3,525,058.87**
008	($205,148.59)	$0.00	$0.00	($205,148.59)
	$26,271.00	$0.00	$0.00	$26,271.00
009	$500,000.00	$0.00	$0.00	$500,000.00
010	$0.00	$0.00	$0.00	$0.00
TOTAL	**$3,846,181.28**	**$0.00**	**$0.00**	**$3,846,181.28**

011	$600,000.00	$0.00	$0.00	$600,000.00
TOTAL	**$4,446,181.28**	**$0.00**	**$0.00**	**$4,446,181.28**
012	$0.00	$0.00	$0.00	$0.00
013	$500,000.00	$0.00	$0.00	$500,000.00
TOTAL	**$4,946,181.28**	**$0.00**	**$0.00**	**$4,946,181.28**
014	$0.00	$0.00	$0.00	$0.00
015	$0.00	$0.00	$0.00	$0.00
016	$575,000.00	$0.00	$0.00	$575,000.00
017	$0.00	$0.00	$0.00	$0.00
018	$215,000.00	$0.00	$0.00	$215,000.00
TOTAL	**$5,736,181.28**	**$0.00**	**$0.00**	**$5,736,181.28**
019	$0.00	$0.00	$0.00	$0.00
020	$375,000.00	$0.00	$0.00	$375,000.00
TOTAL	**$6,111,181.28**	**$0.00**	**$0.00**	**$6,111,181.28**
021	$325,000,000	$0.00	$0.00	$325,000,000
TOTAL	**$6,436,181.28**	**$0.00**	**$0.00**	**$6,436,181.28**
022	$300,000.00	$0.00	$0.00	$300,000.00
TOTAL	**$6,736,181.28**	**$0.00**	**$0.00**	**$6,736,181.28**
023	$1,550,000.00	$0.00	$0.00	$1,550,000.00
TOTAL	**$8,286,181.28**	**$0.00**	**$0.00**	**$8,286,181.28**
024	$100,188.00	$0.00	$0.00	$100,188.00
TOTAL	**$8,386,369.28**	**$0.00**	**$0.00**	**$8,386,369.28**
025	$930,000.00	$0.00	$0.00	$930,000.00
TOTAL	**$9,316,369.28**	**$0.00**	**$0.00**	**$9,316,369.28**
026	$0.00	$0.00	$0.00	$0.00
027	$0.00	$0.00	$0.00	$0.00
028	$0.00	$0.00	$0.00	$0.00
029	$0.00	$0.00	$0.00	$0.00
030	$0.00	$0.00	$0.00	$0.00
031	$0.00	$0.00	$0.00	$0.00
032	$900,000.00	$0.00	$0.00	$900,000.00
TOTAL	**$10,216,369.28**	**$0.00**	**$0.00**	**$10,216,369.28**
033	$0.00	$0.00	$0.00	$0.00
034	$0.00	$0.00	$0.00	$0.00
035	$500,000.00	$0.00	$0.00	$500,000.00
TOTAL	**$10,716,369.28**	**$0.00**	**$0.00**	**$10,716,369.28**
036	$425,000.00	$0.00	$0.00	$425,000.00
TOTAL	**$11,141,369.28**	**$0.00**	**$0.00**	**$11,141,369.28**
037	$0.00	$0.00	$0.00	$0.00
038	$0.00	$0.00	$0.00	$0.00

039	$302,073.45	$0.00	$0.00	$302,073.45
040	$579.623.27	$0.00	$0.00	$579,623.27
041	$0.00	$570,376.73	$0.00	$570,376.73
042	$0.00	$0.00	$0.00	$0.00
043	$0.00	$0.00	$0.00	$0.00
044	$0.00	$0.00	$0.00	$0.00
045	$0.00	$0.00	$0.00	$0.00
046	$0.00	$600,000.00	$0.00	$600,000
TOTAL	**$12,023,066**	**$1,170,376.73**	**$0.00**	**$13,193,442.73**

B. Financial Plans: Cost and Commitment Limitations. In addition to the limitation specified above or elsewhere in this task order, DOE will issue Financial Plans to the contractor to establish controls on the cost and commitments to be made in the performance of this task order. A Financial Plan is a document issued by DOE that provides the contractor with the available funding by administrative control points. The contractor may not spend an amount in excess of the limit stated for each administrative control point.

B.7 LIMITATION ON FEE

The Total Maximum Award Fee shall not exceed 7% of the estimated cost.

B.8 INDIRECT RATE CEILING

The G&A rate applied to flow-through charges on subcontractor Pro2Serve's costs is limited to 6%. Additionally, an overhead rate of 6% applied to direct labor dollars is established as the ceiling overhead rate chargeable under this task order. Any questions regarding the rates or the application of the rates are to be referred to the Contracting Officer identified in Section G.01.

B.9 ADVANCED UNDERSTANDING – CHANGES TO CONTRACT COST AND CONTRACT FEE

The contractor is responsible for total performance under this contract, including selecting the specific approaches and methods to perform all work. For all contract work within the control of the contractor, the consequences of any adverse contractor work performance; consequences of any regulatory actions in response to adverse contractor work performance; and/or inability to accomplish the contractor's proposed technical approach shall not be a basis for an upward adjustment to the fee(s) of the contract.

The contractor may be entitled to a change when the cumulative work for C.3.15 Augmented Technical Assistance exceeds $100K. The Contractor shall not be entitled to earn fee for work not authorized by the CO. The CO will authorize award fee based upon the estimated costs of the work assigned. The Contractor shall be required to provide a cost estimate for any and all work assigned in this area.

PART I -- SCHEDULE

SECTION C

PERFORMANCE WORK STATEMENT

Moab Technical Assistance Contract

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C.1 CONTRACT PURPOSE AND OVERVIEW

a. This is a Technical Assistance Contract, providing technical and administrative services in support of the Moab Uranium Mill Tailings Remediation Action (UMTRA) Project.

b. The contract reflects the application of approaches and techniques that emphasize results/outcomes and minimize "how to" performance descriptions. The Contractor has the responsibility for total performance under the contract, including determining specific methods for accomplishing the work.

c. The Moab UMTRA Project (Moab Project) is to remediate the Moab site to the appropriate surface clean-up standards in 40 Code of Federal Regulations (CFR) Part 192; Subparts A, B, and C, and dispose of Residual Radioactive Material (RRM) in a Nuclear Regulatory Commission (NRC) regulated disposal cell near Crescent Junction, Utah. The Department of Energy's (DOE) contracting approach for the Moab Project includes a Remedial Action Contractor (RAC) and a Technical Assistance Contractor (TAC), which is the contractor under this contract. The TAC shall ensure integration of the activities it is required to perform with the activities of the RAC and such shall be integrated in a manner that accomplishes the work safely and efficiently. The TAC shall cooperate with the RAC; however, only the Contracting Officer or COR has the authority to direct the TAC in its performance under the contract. The Integrated Execution document (Section J, Attachment I) provides a summary of some of the activities that will require interaction and integration with the RAC. The RAC does not have the authority to direct the contractor under this contract, except to the limited extent specified otherwise in the contract regarding safety. In addition, the TAC does not have the authority to direct the RAC, except to the limited extent specified otherwise in the contract regarding safety.

d. All coordination between the TAC and the RAC shall be in accordance with the approved Integration Plan described at SOW paragraph C.3.8.

C.2 CONTRACTOR PERFORMANCE

a. The TAC shall furnish all personnel, facilities, office furniture, equipment, material, services, and supplies for Contractor and DOE personnel (except as set forth in this contract to be furnished by DOE or others), and otherwise do all things necessary to accomplish work in a safe, integrated, effective, and efficient manner in accordance

with the terms and conditions of the contract. In performing the work, the Contractor shall comply with all applicable DOE Orders and local, state, and federal regulations.

b. The TAC shall be responsible for planning, integrating, managing, and executing the programs, projects, operations, and other activities as described in this SOW.

c. Unless specified otherwise in the contract, the TAC shall be responsible for the operations, environment, safety, health, and quality control within its own organization. The TAC shall be responsible for its own project management functions. The TAC shall also be responsible for activities pertaining to project management, environment, safety, health and quality control outside of its organization as specified in the contract.

d. EM Journey to Excellence: Established in 1989, DOE's Office of Environmental Management (EM) is charged with addressing the environmental legacy of over 50 years of nuclear weapons production and Government-sponsored research. In order to continue and build upon the momentum of the first twenty years of the EM program, and within the broader context and in support of Administration and Departmental policies, strategies, and initiatives, EM has developed the "Roadmap for EM's Journey to Excellence" (Rev. 0, December 16, 2010). That document builds upon and integrates DOE Management Principles, EM Core Values, EM Priorities, EM's vision, and EM's mission by establishing four programmatic and three management-related goals, as follows:

Programmatic Goals

Goal 1: Complete the three major tank waste treatment construction projects within the approved baselines
Goal 2: Reduce the life-cycle costs and accelerate the cleanup of the Cold War environmental legacy
Goal 3: Complete disposition of 90 percent of the legacy transuranic waste by the end of 2015
Goal 4: Reduce the EM legacy footprint by 40 percent by the end of 2011, leading to approximately 90 percent reduction by 2015

Management Goals

Goal 5: Improve safety, security, and quality assurance towards a goal of zero accidents, incidents, and defects
Goal 6: Improve contract and project management with the objective of delivering results on time and within cost
Goal 7: Achieve excellence in management and leadership, making EM one of the best places to work in the Federal Government

The document "Office of Environmental Management Annual Performance Agreement with the Assistant Secretary" is included as Section J, Attachment 7. In the performance of this contract, the TAC shall support and implement actions in furtherance of the "Roadmap for EM's Journey to Excellence" and achievement of the above goals.

C.3 CONTRACT OBJECTIVES

C.3.1 RECORDS MANAGEMENT

a. The TAC is responsible for management of all records related to the Moab UMTRA Project through all phases of the records life cycle. The TAC shall conduct records/information content accountability in accordance with Title 44 USC, Chapters 21, 29, 31, 33, and 35; 36 CFR, Chapter 12, Subchapter B (Records Management); DOE O 243.1 (Records Management Program) and DOE O 243.2 (Vital Records), and any other DOE Requirements as directed by the CO. These functions include, but are not limited to: tasks associated with creation/receipt, maintenance, storage/preservation, protecting, scheduling, indexing and dispositioning active and inactive records; retrieving records from on-and off-site storage facilities, and supporting ongoing Freedom of Information (FOIA), Privacy Act, Energy Employee Occupational Illness Compensation Program (EEOICPA), Former Worker Medical Screening Program (FWP), Chronic Beryllium Disease Prevention Program (CBDPP), congressional inquiries and legal discovery requests.

b. The TAC shall ensure records classified as Quality Assurance (QA) records under ANSI/ASME NQA-1 (Requirement 17), if applicable, are categorized appropriately and managed in accordance with 36 CFR Chapter 12, Subchapter B and are traceable to the applicable item, activity or facility.

c. The TAC shall develop and implement records management controls to ensure that the identification, maintenance, and disposition of electronic records (including email) are managed through the use of records management applications, in

accordance with Federal and Department requirements and guidelines. Additionally, the TAC must incorporate controls into electronic information systems or integrate them into a recordkeeping system that is external to the information system itself in accordance with 36 CFR 1236.

d. The TAC shall ensure records generated in performance of the contract containing personal information that is retrieved by name or other personal identifier are classified and maintained in Privacy Act systems of records (SOR) in accordance with Federal Acquisition Regulation clause 52.224-2, Privacy Act (APR 1984) and DOE O 206.1, Privacy Program.

e. All records (see 44 USC 3301 for statutory definition of a record) acquired or generated by the Contractor in performance of this contract, except for those defined as contractor-owned (Section I clause entitled, DEAR 970.5204-3 Access to and Ownership of Records"), and including, but not limited to, records from a predecessor contractor (if applicable) and records described by the contract as being maintained in Privacy Act system of records, shall be the property of the Government.

f. The TAC shall preserve and disposition records/information content in accordance with NARA-approved records disposition schedules (DOE Record Disposition Schedules), as posted on the DOE Office of the Chief Information Officer (OCIO) Records Management web page. Note: Records Retention standards are applicable for the classes of records described therein, whether or not the records are owned by the Government or the Contractor (DEAR 970.5204-3).

g. The TAC shall prepare/revise, submit for DOE approval, and execute an approved Records Management Plan, File Plan, Records Disposition Plan, and Records Management Close-out Plan consistent with records management regulations, including Section I clause entitled "DEAR 970.5204-3 Access to and Ownership of Records" and Section I clause entitled "Privacy Act System of Records".

h. The RAC is responsible for performing its own internal records management functions. Records in the possession of the RAC that are necessary for the TAC's Records Management activities under this contract will be provided to the TAC.

C.3.2 TRAINING

a. The TAC shall provide all required training to all site personnel including RAC, TAC, DOE, subcontractors, and visitors. The training program includes the training requirements identified at Section J, Attachment J-I. The Contractor shall utilize the most cost-effective and efficient means for providing the required training.

b. The TAC shall develop and/or provide specialized training as requested by DOE.

c. The TAC shall maintain accurate training records and data pertaining to training activities and maintain current training records for all RAC, TAC, DOE, and subcontractor personnel and provide reports, as required, to support specific site-access qualifications, employee qualification cards, and other appropriate report requests.

d. The TAC shall maintain an electronic training system database accessible to all Contractor and DOE personnel to provide information on training availability, course information, and electronic registration. The Contractor shall coordinate changes and upgrades to the system with DOE.

C.3.3 INFORMATION TECHNOLOGY AND TELECOMMUNICATION INFRASTRUCTURE

a. The TAC shall provide an Information Technology (IT) infrastructure and services for the Moab UMTRA Project for all Project sites, facilities, and office locations, including the Grand Junction Office, and for all RAC, TAC, and DOE personnel, except as noted in C.3.3.d. below. This includes providing servers, a network, workstations, laptops, internet access, Help Desk support, IT, training support, maintaining existing software applications, printers, miscellaneous hardware, and portal/Intranet software and support. The TAC shall perform IT & Telecommunications (IT&T) life-cycle planning, configuration management, acquisition, and maintenance of IT&T systems and equipment. The TAC shall comply with all Federal and DOE IT-related orders and directives, as well as Environmental Management policies and procedures.

b. The TAC shall provide Telecommunications infrastructure and services, including maintenance, for the Moab UMTRA Project for all Project sites, facilities, and office locations, including the Grand Junction Office, and for all RAC, TAC, and DOE personnel. This includes, but is not limited to, computer-based exchange, telecommunications switching equipment, telephone cable infrastructure , relocation of telephones, facsimile services, radio communications systems equipment , teleconferencing and videoconferencing services.

c. The TAC is responsible for providing and maintaining desk phones, cell phones, hand-held radios, vehicle-mounted radios, and computer equipment including hardware and software for TAC and RAC personnel. The RAC will request hardware and software though the TAC.

d. The TAC shall provide computers, printers, and desk telephones to DOE staff. The EMCBC shall provide software licenses, firewall, network switch, and systems configuration and maintenance for DOE staff. DOE will provide cell phones for DOE staff as required.

e. Additional Programing Support: The TAC shall:

(1) Implement Manager Plus database. Unplanned, current year.
(2) Migrate all databases to replacement server. Unplanned, current year.
(3) Continue Radiological Employee Database System (REDDS) development. Delayed due to (1) and (2) above.
(4) Improve Training Information System (TISK) and add new functionality.
(5) Improve Department of Energy Records Management System (DOERMS) and add new functionality.
(6) Complete current programming request for REDDS and provide Manager Plus and database administration.
(7) Perform improvements and new functionality to TISK and DOERMS.

f. Programming Support:

The TAC shall increase hours for programming support from 15 to 32 hours for the period June 20, 2014 through September 30, 2014, for a total increase of 217 hours, to provide support for Manager Plus database, the Radiological Employee Dosimetry Database System (REDDS), and project-wide database lifecycle management (Microsoft SQL Server), and to initiate Training Information System (TISK) improvements and new functionality, including e-mail notifications and course development module.

g. Replace RAC Computers:

The TAC shall replace 85 aging RAC computers. Of the 85 computers, 45 shall be with monitors, and 40 without monitors.

h. Routine and site-wide sampling events shall be scheduled twice per year. The yearly sampling and analysis plan shall be reviewed and approved by DOE at the beginning of each fiscal year.

i. The TAC shall be responsible for the Long-Term Ground Water Action Plan as required and associated field activities.

C.3.4 SAFEGUARDS AND SECURITY

a. The TAC shall develop and implement a Safeguards and Security program as specified in DOE Order 470.4A, Safeguards and Security Program, DOE Manual 470.4-1, Chg. 2, Safeguards and Security Program Planning and Management and DOE Order 205.1A, Department of Energy Cyber Security Management, and update such program as may be required. The Program will be tailored to the site-specific requirements of the Moab UMTRA Project and will encompass all Project sites and office locations. This includes providing limited site-specific only (LSSO) security badges for DOE employees, RAC and TAC contractor personnel, subcontractors and visitors. The Contractor shall be responsible for coordinating with the RAC to ensure compliance with all requirements. The RAC is also responsible for implementation of safeguards and security in accordance with DOE M 470.4 as well as compliance with the TAC's Site Security Plan.

b. The RAC is responsible for site access control and access to radiological areas and is responsible for implementing badging requirements consistent with the Site Security Plan developed by the TAC. The TAC shall ensure that it complies with the RAC's requirements for site access control and for access to radiological areas. The TAC shall have such access as is necessary to perform activities required under this contract.

c. The TAC shall be responsible for providing badges consistent with the DOE M 470.4-2A, Physical Protection, at the Grand Junction Office.

d. The RAC is responsible for safeguarding the RRM, including during shipment activities. The TAC shall be responsible for assisting DOE in the oversight of such activities.

C.3.5 PUBLIC AFFAIRS/COMMUNITY RELATIONS

a. The TAC shall be responsible for the overall public affairs function for the project, including supporting DOE in interfacing with the community and other stakeholders, and the TAC shall coordinate with the RAC as necessary.

b. The TAC shall be responsible for updating the Public Participation Plan as necessary, writing articles for inclusion in newsletters or postings on the Project website, coordinating capture of raw video footage of Moab UMTRA Project activities, preparing fact sheets and press releases, maintaining and updating the Project website, and keeping the Moab UMTRA Project reading room current with project documents.

c. The TAC shall support DOE in preparing for public/stakeholder meetings, including renting meeting rooms and placing announcements in local papers for each meeting. The TAC shall coordinate owner relations activities (primarily vicinity property matters), as they relate to private properties in the vicinity of the Moab UMTRA Project site.

C.3.6 PROPERTY MANAGEMENT (REAL AND PERSONAL)

a. The TAC shall be responsible for maintaining a DOE-approved Real and Personal Property Management Program for all Moab UMTRA Project real and personal property interests, including fleet management for DOE-owned and GSA-leased vehicles, in accordance with all DOE and/or GSA requirements.

b. The TAC shall provide support to DOE for the accountability, control, utilization, management, maintenance, and disposition of all real and personal property associated with the Moab UMTRA Project. All sensitive equipment shall be tracked. Non-sensitive equipment above $5,000 shall be tracked. All real property tasks shall be in accordance with applicable DOE orders. The TAC shall maintain the Facility Information Management System (FIMS) database for all real property records and the Personal Property Management System (PPMS) database for all accountable personal property.

c. The TAC shall be responsible for completing all Headquarters Fiscal Year personal property (real and personal) reporting requirements.

d. Work shall include responding to all FIMS data calls, an annual review of real property records to ensure that all assets are accurately reported in the FIMS database and that all required source documentation is complete and accurate. Ten-Year Site Plan (TYSP) shall be prepared annually.

   Personal property work shall include an annual custodian confirmation process and physical inventory to assure that personal property is being accounted for in accordance with applicable Federal property management regulations.

e. Condition assessments (formal inspection and analysis of condition) shall be performed on all real property assets every five years. The results of condition assessments shall be reported in FIMS. The TAC shall ensure the use of either the DOE Condition Assessment Information System or another accepted industry standard condition assessment system to monitor the physical condition of assets at each site.

f. The TAC shall be responsible for tracking, arranging schedules, routine maintenance and upkeep of the GSA-Leased vehicles, as well as administrative activities for the Government owned vehicles such as tracking odometer readings, signing in and out, and other similar activities. The TAC shall establish and maintain a program to optimize the utilization of the Government owned vehicles at the Project sites and office locations. The TAC shall report project data into the Federal Automotive Statistical Tool (FAST).

g. The TAC shall be responsible for HQ reporting and oversight of environmental compliance initiatives using data provided by the RAC. The TAC shall be responsible for HQ reporting and oversight of federal energy management initiatives using data provided by the RAC.

h. The TAC shall maintain a Site Sustainability Plan (SSP), co-ordinate pollution prevention, energy management, and environmentally preferred purchasing activities, and report project data in the HQ's database.

i. The TAC shall be responsible for coordinating with the RAC to ensure the Moab UMTRA Project's compliance with all real and personal property management requirements.

C.3.7 DOCUMENTATION SUPPORT, GRAPHICS, REPRODUCTION

a. The TAC shall provide comprehensive document production support, graphics development, reproduction and printing services, website creation, and technical writing and editing as required for daily Moab Project operations at all Project sites and office locations. Such support shall be provided for DOE and the RAC. These services include, but are not limited to, the production and distribution of technical papers, pamphlets, brochures, reports, presentation materials, and other written and graphic documents needed to support the Project.

b. The TAC shall coordinate with authors and program managers to meet its requirements. The TAC shall be capable of handling documents from the rough draft state through production of a camera-ready copy. The TAC shall provide reproduction and duplication and printing services as required, either internally or through Government Printing Office (GPO) contracts.

c. The TAC shall develop and maintain the Document Production Manual.

C.3.8 PROJECT INTEGRATION

a. The TAC shall process, integrate, track, analyze, and report data for the entire Moab UMTRA Project concerning the following areas: project management, project control, life cycle planning, performance measurement, budget formulation and execution, and financial management. The TAC shall coordinate with the RAC, as necessary, in order to consolidate data for all project activities and contracts in accordance with DOE requirements and evaluate and reconcile the data to ensure quality and accuracy of deliverables.

b. The TAC shall track and report obligations and costs by individual funding source, and provide support to DOE to ensure that obligations and costs do not exceed available funding levels. The TAC shall coordinate with the RAC as necessary.

c. The Moab UMTRA Project has been designated an Operations Activity. The TAC shall support DOE in meeting and reporting on all requirements for Operations Activities. The TAC shall coordinate with the RAC, as necessary, and support DOE in integrating all Operations Activity information for both contracts and evaluating, recommending, and making changes to Operations Activity documentation or processes.

d. The TAC shall develop a Performance Baseline in accordance with DOE Order 413.3B for the activities required by this SOW as well as that anticipated for follow-on technical assistance contracts, support DOE in integrating Performance Baseline information from both RAC and TAC contracts, evaluate and recommend improvements, and review, revise, and finalize the Moab UMTRA Project Performance Baseline.

e. The TAC shall establish, maintain, and use a Project Control Management System that accurately reflects the status TAC activities relative to cost and schedule performance and tracks progress against the approved baseline. The TAC shall coordinate with the RAC, as necessary, and support DOE in consolidating earned value data for the both the Technical Assistance Contract and the Remedial Action Contract to integrate all project work scope with all schedule and cost elements and facilitate Total Project Earned Value Management. The TAC shall periodically report to DOE on Total Project earned value and shall assist DOE in interpreting, analyzing, and reporting earned value data. The Project Control Management System shall be fully integrated with the financial accounting systems to ensure consistent reporting of costs. The TAC's system shall meet the following requirements:

(1) DOE Order 413.3B, Program and Project Management for the Acquisition of Capital Assets, November 29, 2010 (only as it applies to Operating Projects);

(1) (a) Project Control Systems and Reporting Requirements: The Moab Project was approved as an operations project via letter dated March 25, 2010 from Ines R. Triay, then-Assistant Secretary for Environmental Management. While operations activities are not subject to DOE Order (O) 413.3B, contract no. DE-EM0002067, the Moab Technical Assistance Contract, cites DOE 413.3B, Program and Project Management for Acquisition of Capital Assets, as a requirement.

Section H.12.a(a)(i) of the contract allows operating programs to apply DOE Order 413.3B only as it applies to Operating Projects. The approved Office of Environmental Management's Operations Activities Protocol dated March 15, 2012, enables Operating Activities to develop its operational framework. DOE has determined that DOE Order 413.3B shall be applied to the Moab Project as a Best Management Practice (BMP) and in a tailored manner.

Specifically, while project controls systems, documentation and reporting shall be completed and performed in accordance with the Order, all approval authorities for documents (e.g., project conrols systems descriptions, baseline documents, etc.), certifications (e.g. EVMS), reviews, and changes are designated to the DOE Moab Project Office Federal Project Director.

(2) DOE Manual 413.3-1-1, Project Management for the Acquisition of Capital Assets, March 28, 2003.

(3) Integrated Planning, Accountability, and Budgeting System Information Systems (IPABS-IS) Data Requirements, February 16, 1999, and subsequent updates;

(4) Integrated Planning, Accountability, and Budgeting System (IPABS) Handbook, February 16, 1999, and subsequent updates;

(5) Office of Environmental Management's Operations Programs Protocol, Dae Y. Chung, April 21, 2010.

f. The TAC shall coordinate with the RAC, as necessary, and assist DOE in maintaining and inputting Moab UMTRA Project data into various DOE business systems including, but not limited to, the Integrated Planning, Accountability, and Budgeting System (IPABS) in accordance with prescribed procedures and DOE

direction. The RAC will provide information to the TAC for input into these systems.

g. At the direction of DOE, the TAC shall participate in meetings, conference calls, conferences, and other similar forums relating to Project Integration responsibilities and shall be available to respond to informal DOE requests for information related to Integrated Project Management.

h. The TAC shall provide consolidated data to DOE in the form of reports, briefing materials, planning and budgeting submittals, data calls, and ad hoc requests. The

i. The TAC shall provide to the Contracting Officer within 30 days after award, an integration plan in accordance with Section J, Attachment 4, Interface Matrix and provide updates for major changes to the CO within 15 days of any major change.

C.3.9 CHANGE CONTROL ADMINISTRATION AND PERFORMANCE MANAGEMENT

a. The TAC shall be responsible for Moab UMTRA Project Change Control Administration in accordance with the requirements of DOE Order 413.3B for changes to project baselines. Change Control shall be managed to ensure that changes are identified, evaluated, coordinated, controlled, reviewed, approved/disapproved, and documented in a manner that meets all DOE requirements. The TAC shall coordinate with the RAC, as necessary, and shall support DOE to ensure that change control requirements are met.

C.3.10 GROUND WATER INTERIM ACTION

a. The TAC shall be responsible for the design, implementation, operation, and maintenance of Interim Ground Water corrective actions. The management and operation of the evaporation pond that is fed by the Interim Ground Water corrective action wells is the RAC's responsibility. The TAC shall monitor the groundwater standpipes moisture quarterly and submit a Crescent Junction disposal cell moisture report annually.

b. The TAC shall operate each of the two evaporators from April 1 through October 15 each year to the maximum extent possible depending on climate conditions. The RAC is responsible to keep the evaporators fueled and to maintain the generator; the TAC is responsible for maintaining evaporator operability. The TAC will be responsible for winterizing the evaporators in the fall. The TAC shall coordinate with the RAC on the use of the evaporators.

c. The TAC shall also coordinate its activities with the activities of the RAC to provide continuous and seamless execution of all ground water-related activities at the Moab Site, including protecting the Colorado River and ensuring compliance with the U.S. Fish and Wildlife Service Biological Opinion contained in the final Moab UMTRA Project Environmental Impact Statement.

d. The TAC shall operate and maintain the existing ground water interim action well field which includes eight extraction wells and 34 injection wells. The geometry of injection and extraction wells being utilized can vary with season, climatic conditions, river stage, and height of free board in the evaporation pond. However, extraction and injection wells will be utilized and productive at various times during each fiscal year as dictated by site conditions. The TAC shall implement the surface water diversion in the backwater areas adjacent to the Moab Site as necessary. The TAC shall perform surface and ground water sampling and analysis at the Moab site. Validation packages shall be prepared for the sampling and analyses data. Field parameter measurements can be substituted for off-site analytical laboratory methods with prior DOE approval. Due to limited funding scenarios, field parameter measurements are encouraged.

e. The Operations, Maintenance, and Performance Monitoring Plan shall be kept current and optimized to align funding with operational performance. Maintenance activities associated with the Interim Action well field includes the servicing of wells by redevelopment when required. Repairs are typically needed for piping and valve leaks and occasional replacement of pumps and flow meters. Seasonally, the extraction/injection systems may be shut down due to prolonged cold weather, required draining of lines and securing lines for the winter.

f. The TAC shall operate and maintain the extraction and injection systems and report on any changes to the current understanding of the interactions between ground water and surface water. If indicated by the data collected, the existing conceptual model shall be updated using the most recent sampling and performance evaluation results. The TAC shall prepare an Annual Ground Water Program Report to evaluate the extraction and injection systems performance. Based on limited funding scenarios and direction from DOE, this evaluation might be limited to site data compilations and summary conclusions.

g. The TAC shall continue to address several reasonable and prudent measures identified by the U.S. Fish and Wildlife Service in its Biological Opinion for surface water and ground water remediation at the Moab Site. The TAC shall summarize actions in an Annual Ground Water Program Report.

h. Routine and site-wide sampling events shall be scheduled twice per year. The yearly sampling and analysis plan shall be reviewed and approved by DOE at the beginning of each fiscal year.

i. The TAC shall be responsible for the Long-Term Ground Water Action Plan as required and associated field activities.

j. The Contractor shall make available a subject matter expert to provide support to capture zone analysis of pumping scenarios for ground water extraction, injection, and phytoremediation. The Contractor shall provide design support for an alternate method of ground water elimination.

k. The Contractor shall complete a detailed design for ground water extraction piping system at the DOE Moab Site. This work shall be started in mid-September 2015 and be completed in December 2015.

C.3.11 QUALITY ASSURANCE

a. The TAC shall provide a Quality Assurance program for the overall Moab UMTRA Project in accordance with DOE Order 414.1D, Quality Assurance and DOE Order 226.1A, Implementation of Department of Energy Oversight Policy. The RAC will develop its own quality assurance program for its operational aspect. The TAC shall integrate the RAC's program requirements into the overall quality assurance program for the Moab UMTRA Project. The TAC shall be responsible for continuously pursuing enhancements to quality, safety, and reliability.

b. The TAC shall maintain a written Quality Assurance Plan based on DOE Order 414.1D or the latest revision and shall submit it to DOE for review and approval annually.

c. The TAC shall support DOE by performing Quality Assurance Independent Assessments and Surveillances of Moab UMTRA Project activities in accordance with the assessment schedule or as needed, and shall prepare and distribute "lessons learned" reports to encourage improvements based on experience. The Contractor shall maintain a database to record nonconformance and corrective actions activities.

d. Independent Geotechnical Testing:

The TAC shall provide an estimate for independent geotechnical testing for limited testing of final cover. The assumptions are only clean material is being tested and the testing includes observation and minimal laboratory and nuke density testing. Upon DOE approval of the estimate, the TAC shall proceed with testing.

e. Independent Review of Radiological Release of Materials and Equipment Plan:

The TAC shall provide an estimate for an independent review of the Moab UMTRA Project Release of Materials and Equipment Plan, Rev.1. Upon DOE approval of the estimate, the TAC shall proceed with the review.

C.3.12 ENVIRONMENT, SAFETY, AND HEALTH SUPPORT

a. The TAC shall provide overall programmatic Environment, Safety, and Health (ES&H) support to DOE for all Project sites and office locations, including the Grand Junction Office. The TAC shall coordinate with the RAC to accomplish these requirements. The RAC shall maintain its own ES&H program for its activities. The TAC shall implement a QAP in accordance with DOE-EM QAP (EM-QA-001).

b. The TAC shall assist DOE in ensuring that all radioactive waste is managed in a manner that is protective of worker, public health and safety, and the environment in accordance with DOE Order 435.1 Chg 1, Radioactive Waste Management. The TAC shall assist DOE in ensuring the implementation of sound stewardship practices that are protective of the air, water, land, and other natural and cultural resources impacted by the DOE operations in accordance with DOE Order 450.1A, Environmental Protection Program.

c. The TAC shall perform independent assessments of work performed by the RAC, both scheduled and unannounced, with the approval of the DOE. The TAC shall create a structured approach for conducting all assessments and is responsible for coordinating, scheduling, and performing them; reporting their results; and conducting any required follow-up activities. The TAC shall submit its proposed structured approach to DOE for review and approval before commencing ES&H support activities.

d. An assessment schedule shall be prepared annually for assessments to be performed on critical remedial action activities, such as disposal cell excavation, contaminated material placement, radon barrier placement, tailings transportation, erosion protection, and general construction. This schedule shall be fluid and may be subject to change under certain circumstances (i.e. an assessment is preempted by a DOE Headquarters or Environmental Management Consolidated Business Center

assessment, an event takes place which necessitates the need for an immediate assessment, etc.).

e. The TAC shall develop and maintain an internal ES&H program for its own activities to ensure the protection of workers, the public, and the environment in accordance with applicable DOE orders.

C.3.13 VICINITY PROPERTY INCLUSION SURVEYS

Vicinity Properties (VP) are property separate from DOE Uranium Mill Tailings Remedial Action (UMTRA) in the local community where RRM originated from the former ATLAS mill site and has been placed/transported to these properties through past activities.

a. The TAC shall perform Inclusion/Exclusion surveys on vicinity properties to determine if they contain residual radioactive material in excess of Uranium Mill Tailings Radiation Control Act cleanup standards, including soil sample analysis as necessary, and shall submit reports to DOE documenting the results of each survey. After DOE determines that a particular vicinity property will be included or excluded, the TAC shall perform further radiological assessment as necessary and required by DOE.

C.3.14 REVEGETATION

The TAC shall maintain native vegetation and control weeds on approximately 135 acres of ground outside of the Moab site's contaminated area in accordance with Section J, Attachment J-9, Maintenance Schedule for Irrigation and Pest Control. The TAC shall expand vegetation in the off-pile areas by using cuttings from existing plants while continuing to minimize costs. The TAC shall perform general maintenance, service, and repair of any and all revegetation equipment, implements, and irrigation piping systems, as required. The TAC shall also assist the RAC in snow removal as required.

C.3.14(a) Revegetation of Configuration 5

In the winter of 2012/2013, the Moab UMTRA Project received about 20,000 cubic yards of soil from a Grand County project. The soil was placed at the Moab site in a low lying area of the well field (Configuration 5). The soil occupies about 3 acres and is up to 3 feet thick in some places. The activities necessary for minimal revegetation are as follows:

1) A wood chipper to create a soil amendment to promote moisture retention in the received material from the county project. Substantial tree trimmings are available on site from existing revegetation successes that warrant a method for on-site size reduction of wood debris. The chipper should be able to take up to 6-inch diameter wood.

2) Native grass and shrub seed for coverage of the 3 acres and an additional 6 acres of previously disturbed area is required. The seed shall be salt/alkaline soil tolerant and be consistent with other lessons learned from revegetation of the Moab site. To facilitate planting a seed drill may be used to create the maximum seed soil contact. **The mix of seed purchased from Granite Seed (1 acre and 3 acre quantities) will be mixed together and used on the 3 acre section. The mix of seed purchased from Fruita Coop will be used on the 6 acre section.**

C.3.15 AUGMENTED TECHNICAL ASSISTANCE

In addition to the services previously described in this Statement of Work, with Contracting Officer approval, the TAC shall perform technical and administrative services as directed by DOE under this contract which are related to the mission of the Office of Environmental Management's Grand Junction field office, within the capabilities of the TAC, within the general scope of this contract, and in accordance with policies and procedures established by DOE.

a. Partnering Agreement: Provide facilitation, interview, and analysis services to DOE Moab UMTRA Project Office in support of its initiative to establish a Partnering Agreement between the DOE Moab Project Office and its prime contractor, Portage, Inc., in accordance with a DOE-HQ Office of Environmental Management policy directive. This support (2 FTEs) will include the following primary activities: (1) conducting pre-workshop phone interviews of workshop participants; (2) developing a workshop agenda; (3) facilitating a Partnering Workshop between the two organizations at the Moab Site; and (4) preparing a draft Partnering Agreement. The deliverables to be provided under this contract are: (1) Pre-Workshop Phone Interview Questionnaire; (2) Pre-Workshop Phone Interview Summary Report; (3) Workshop Agenda; (4) draft Partnering Agreement to include Vision, Mission, Goals, Operating Principles, Implementation Plan, Functional Alignment Chart, and a Commitment Statement; (5) Partnering Workshop Summary Report; and (6) Partnering Workshop Participant Evaluation and Comments Summary Report.

b. The TAC shall perform the following tasks:

- Periodic thinning of approximately 6 acres of mature cottonwood trees to improve overall growth and avoid creating a safety hazard. Dead standing trees and fallen trees shall be cut and branches chipped. Labor estimated at 100 hours.
- Control Russian olive trees and knapweek as identified in the Project's Weed Control Plan during winter months. Performing this work will reduce future weeding activities and encourage native vegetation. Labor estimated at 100 hours.
- Remove the wooden floor in the revegetation storage shet in the Configuration 5 well filed and replace it with a concrete slab. This will reduce infestation by rodents which results in a safety hazard and additional labor to clear the shed. Labor estimated at 100 hours.

c. The TAC shall utilize a combination of Augmented Technical Assistance and Ground Water Program scope to continue revegetation activities and to perform ground water

equipment maintenance from January 16, 2014 through February 28, 2014. Scope identified in the project's Weed Control Plan includes cutting and treating Russian olive and Tamarisk and over seeding. A utility disc will be procured to prepare the soil for seeding. The on-going task of pruning and culling of the cottonwoods and willows in the "C" flood plots will continue. Additional ground water scope for the period includes maintenance of control and drain valves, installing monitoring well protective casings, refurbishment of the small storage shed in the CF5 well-field for revegetation use and storage, and refurbishment of the ground water storage trailer to include installing a small work area for titration of ground water samples and ammonia probe analysis. These efforts require the labor of two revegetation technicians for a total of 240 hours each and associated supplies. The estimated total cost for labor, supplies, and equipment, including purchase of a utility disc and/or seeder and protective shelter, is approximately $19,200 to perform the described activities.

d. Aerial Photography:

The TAC shall obtain oblique photographs of the Moab and Crescent Junction sites, specifically four photos at approximately 90 degree angles, including planar photos that are orthorectfied, using ground targets established by a licensed surveyor. Deliverable: 2' contours in an AutoCAD readable format.

e. Rail Bench Investigative Engineering Study:

1. Investigate the hillside above the rail bench at the Moab UMTRA Project for rock fall hazards. Analyze the hazards through various means, and inform the Project of the risk of startup and operations of transporting residual radioactive material using rail.

2. Support DOE and work in a collaborative manner with the Remedial Action Contractor (RAC) Subject Matter Experts, if and when opportunities arise, in reviewing the RAC's investigation and recommendations for startup and continued operations using rail.

f. Additional assessments of the hillside area

The Contractor shall provide the following additional assessments of the hillside area above the rail bench at the Department of Energy (DOE) Moab Site:

1) The Contractor shall perform detailed mapping of a portion of the hillside slope above the Moab site and provide a detailed geologic map of the soil/rock surface and a table of material properties.

2) The Contractor shall prepare 3D models of Zones 1, 2, and 3 from 100 feet below the rail bench to the top of the canyon wall. Provide a report of methods and results.

3) The Contractor shall continue to engage the limited services of subject matter experts to provide technical support on an as-requested basis to review documents, participate in meetings, and conduct briefings.

These additional assessments will contribute towards the expansion of work into zones 1 and 2 on a long-term basis.

The Contractor shall also perform an assessment to determine the minimum energy from a rockfall at the Moab site needed to cause displacement of railcars and containers of no more than two feet and the minimum energy needed to cause the cars to topple over. The Contractor shall assume a single string of railcars of the type currently used on the project, staged on the siding in Zone 2. Given the above assumption, determine the minimum energies for the displacement if the containers are empty vs. full (filled as normal).

The Contractor shall provide a letter report with attached calculation set will be provided that presents the basis of the calculation and results of the four determinations:

1) minimum energy required to displace a railcar with 4 empty containers 2 feet
2) minimum energy required to displace a railcar with 4 full containers 2 feet
3) minimum energy required to tip over a railcar with 4 empty containers
4) minimum energy required to tip over a railcar with 4 full containers

The calculations shall be used as part of the Phase 3 readiness to show the level of protection to workers provided by train. The calculation is independent of the railcar's position on the branch line or the siding. During Phase 3 operations the truck drivers and gantry crane operator will be behind both sets of railcars (branch and siding) with various combinations of empty and full containers. The minimum protection will be with one empty container on a railcar with an adjacent empty railcar. The maximum protection will be with full containers on the branch line and full containers on the adjacent siding.

g. Radar-based and video monitoring system

The Contractor shall provide a radar-based monitoring and video monitoring system for the hillside area above the rail bench at the US Department of Energy Moab Site in Moab, Utah.

C.3.16 INDEPENDENT VERIFICATION (IV)

(a) The TAC shall perform Independent Verification (IV) of materials and equipment (M&E) that are released from Contaminated Areas at the Moab and Crescent Junction sites as requested by DOE. The TAC shall utilize equipment and instruments provided by the RAC to perform the IV activities. The TAC shall prepare IV reports for all M&E that is verified.

(b) The TAC shall be responsible for all Independent Verification of Vicinity Property remediation efforts performed by the RAC. The TAC shall be responsible for preparing completion reports for all remediated vicinity properties. The TAC shall prepare completion reports for remediated off-pile areas, and portions of the pile as appropriate.

The TAC shall perform excavation control of the uranium mill tailings sub-pile, tailings haul, and off-pile remedial action excavation; quarterly haul road surveys at the Crescent Junction site, and Opposed Crystal System (OCS) analysis, including weekly calibration and daily operational checks.

(b) 1. Soil Verification Samples:

The Contractor shall demonstrate that soil cleanup standards in 40 CFR 192 have been met by analyzing 32 samples at an off-site laboratory in support of remediation of Off-Pile Areas conducted by the previous RAC. The analysis would include Radium-226 (gamma spec) per method EPA 903.1 (m), Total Uranium per SW846-6020, and Thorium-230 per method ASTM D3972.

(c) The TAC shall assist the RAC with excavation control for Moab tailings sub-pile; prepare Supplemental Standards property completion reports; perform quarterly haul road surveys at the Crescent Junction site using the GPS/GS scanning system, prepare associated GPS/GS scan maps and write-ups, and perform geodetic surveys of site features. The TAC shall also assist with the analysis of RAC grab samples relative to the 707 pCi/g Ra-226 requirement for RRM placement at the Crescent Junction Site and assist the RAC Rad Con organization with sampling or gamma scanning that may be required for the lower Moab Wash crossing or channel. The TAC shall also track and oversee all of the TAC radiometric instrumentation relative to calibration and QA requirements.

PART I – THE SCHEDULE

SECTION D

PACKAGING AND MARKING

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D.1 HQ-D-1001 PACKAGING (APR 1984)

Preservation, packaging, and packing for shipment or mailing of all work deliverable hereunder shall be in accordance with good commercial practice and adequate to insure acceptance by common carrier and safe transportation at the most economical rates.

Except for those reports where the urgency of receipt of the report by the Government necessitates the use of the most expeditious method of delivery, reports delivered under this contract shall be mailed by other than first-class mail, unless the urgency of the deliverable sufficiently justifies the use of first-class mail. The Contractor shall not utilize certified or registered mail or private parcel delivery service for the distribution of reports under this contract without the advance approval of the CO.

D.2 MARKING (APR 1984)

(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 draft or partial delivery, or full satisfaction of the requirement.

(b) For any package, report, or other deliverable being delivered to a party other than the Designated Contracting Officer (DCO), a copy of the document required in (a) above shall be simultaneously provided to the office administering the contract, as identified in Section G of the contract, or if none, to the DCO.

PART I – THE SCHEDULE

SECTION E

INSPECTION AND ACCEPTANCE

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E.1 DOE INSPECTION AND ACCEPTANCE

(a) The Government, through any authorized representatives, has the right at all reasonable times, to inspect, conduct oversight, evaluate, or otherwise assess the work (including construction work) performed or being performed hereunder and the premises in which it is being performed. If any inspection, oversight, or evaluation is made by the Government on the premises of the contractor or a subcontractor, the contractor shall provide and shall require the subcontractors to provide all reasonable facilities and assistance for the safety and convenience of the Government representatives in the performance of their duties. All inspections and evaluations shall be performed in such a manner as will not unduly delay the work.

(b) Government inspection, oversight, evaluation, and other assessments of contractor-performed work are for the sole benefit of the Government, and do not:

(1) Relieve the contractor of responsibility for providing adequate quality control measures;

(2) Relieve the contractor of responsibility for damage to or loss of the material before acceptance;

(3) Constitute or imply acceptance; or

(4) Affect the continuing rights of the Government after acceptance of the completed work.

(c) The presence or absence of a Government representative, performing inspection, oversight, evaluation or assessment does not relieve the contractor from any contract requirement, and does not change any term or condition of the specification.

(d) For construction work (if applicable):

(1) "Work" includes, but is not limited to, materials, workmanship, and manufacture and fabrication of components.

(2) Acceptance of construction work shall be final and conclusive except for latent defects, fraud, gross mistakes amounting to fraud, or the Government's rights under any warranty or guarantee.

(e) Inspection and acceptance of all items under this contract shall be accomplished by the DCO, the Designated Contracting Officer's Representative (DCOR), or any other duly authorized Government representative identified by the DCO. The contractor will be notified in writing or by a copy of the delegation of authority if a different representative is designated.

E.2 FAR 52.246-3, INSPECTION OF SUPPLIES – COST-REIMBURSEMENT (MAY 2001)

(a) *Definitions*. As used in this Clause—

"Contractor's managerial personnel" means any of the Contractor's directors, officers, managers, superintendents, or equivalent representatives who have supervision or direction of—

(1) All or substantially all of the Contractor's business;

(2) All or substantially all of the Contractor's operation at a plant or separate location where the contract is being performed; or

(3) A separate and complete major industrial operation connected with performing this contract.

"Supplies" includes but is not limited to raw materials, components, intermediate assemblies, end products, lots of supplies, and, when the contract does not include the Warranty of Data clause, data.

(b) The Contractor shall provide and maintain an inspection system acceptable to the Government covering the supplies, fabricating methods, and special tooling under this contract. Complete records of all inspection work performed by the Contractor shall be maintained and made available to the Government during contract performance and for as long afterwards as the contract requires.

(c) The Government has the right to inspect and test the contract supplies, to the extent practicable at all places and times, including the period of manufacture, and in any event before acceptance. The Government may also inspect the plant or plants of the Contractor or any subcontractor engaged in the contract performance. The Government shall perform inspections and tests in a manner that will not unduly delay the work.

(d) If the Government performs inspection or test on the premises of the Contractor or a subcontractor, the Contractor shall furnish and shall require subcontractors to furnish all reasonable facilities and assistance for the safe and convenient performance of these duties.

(e) Unless otherwise specified in the Contract, the Government shall accept supplies as promptly as practicable after delivery, and supplies shall be deemed accepted 60 days after delivery, unless accepted earlier.

(f) At any time during contract performance, but no later than 6 months (or such other time as may be specified in the contract) after acceptance of the supplies to be delivered under the contract, the Government may require the Contractor to replace or correct any supplies that are nonconforming at time of delivery. Supplies are nonconforming when they are defective in material or workmanship or are otherwise not in conformity with contract requirements. Except as otherwise provided in paragraph (h) of this clause, the cost of replacement or correction shall be included in allowable cost, determined as provided in the Allowable Cost and Payment clause, but no additional fee shall be paid. The Contractor shall not tender for acceptance supplies required to be replaced or

corrected without disclosing the former requirement for replacement or correction, and, when required, shall disclose the corrective action taken.

(g) (1) If the Contractor fails to proceed with reasonable promptness to perform required replacement or correction, the Government may—

(i) By contract or otherwise, perform the replacement or correction and charge to the Contractor any increased cost or make an equitable reduction in any fixed fee paid or payable under the contract;

(ii) Require delivery of undelivered supplies at an equitable reduction in any fixed fee paid or payable under the contract; or

(iii) Terminate the contract for default.

(2) Failure to agree on the amount of increased cost to be charged to the Contractor or to the reduction in the fixed fee shall be a dispute.

(h) Notwithstanding paragraphs (f) and (g) of this clause, the Government may at any time require the Contractor to correct or replace, without cost to the Government, nonconforming supplies, if the nonconformances are due to—

(1) Fraud, lack of good faith, or willful misconduct on the part of the Contractor's managerial personnel; or

(2) The conduct of one or more of the Contractor's employees selected or retained by the Contractor after any of the Contractor's managerial personnel has reasonable grounds to believe that the employee is habitually careless or unqualified.

(i) This clause applies in the same manner to corrected or replacement supplies as to supplies originally delivered.

(j) The Contractor shall have no obligation or liability under this contract to replace supplies that were nonconforming at the time of delivery, except as provided in this clause or as may be otherwise provided in the contract.

(k) Except as otherwise specified in the contract, the Contractor's obligation to correct or replace Government-furnished property shall be governed by the clause pertaining to Government property.

E.3 FAR 52.246-5, INSPECTION OF SERVICES – COST REIMBURSEMENT (APR 1984)

(a) *Definition.* "Services," as used in this clause, includes services performed, workmanship, and material furnished or used in performing services.

(b) The Contractor shall provide and maintain an inspection system acceptable to the Government covering the services under this Contract. Complete records of all inspection work performed by the Contractor shall be maintained and made available to

the Government during contract performance and for as long afterwards as the Contract requires.

(c) The Government has the right to inspect and test all services called for by the Contract, to the extent practicable at all places and times during the term of the Contract. The Government shall perform inspections and tests in a manner that will not unduly delay the work.

(d) If any of the services performed do not conform with contract requirements, the Government may require the Contractor to perform the services again in conformity with contract requirements, for no additional fee. When the defects in services cannot be corrected by reperformance, the Government may:

(1) Require the Contractor to take necessary action to ensure that future performance conforms to contract requirements; and

(2) Reduce any fee payable under the Contract to reflect the reduced value of the services performed.

(e) If the Contractor fails to promptly perform the services again or take the action necessary to ensure future performance in conformity with contract requirements, the Government may:

(1) By contract or otherwise, perform the services and reduce any fee payable by an amount that is equitable under the circumstances; or

(3) Terminate the Contract for default.

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SECTION F

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F.1 PERIOD OF PERFORMANCE

The period of performance for this contract is from the June 20, 2012 through June 19, 2015. At the Government's option, this contract may be extended for up to two-one year Option Periods pursuant to FAR 52.217-9, Option to Extend the Term of the Contract (MAR 2000). If Option Period 1 is exercised, the total period of performance shall continue from June 20, 2015, through June 19, 2016. If Option Period 2 is exercised, the total period of performance shall continue from June 20, 2016, through June 19, 2017. The total duration of this contract may be up to, but not more than five years.

F.2 DOE-F-1002, PLACE OF PERFORMANCE - SERVICES

The services specified by this contract shall be performed at the following locations:

U.S. Department of Energy
Grand Junction Office
200 Grand Avenue
Grand Junction, CO 81501

U.S. Department of Energy
Disposal Cell Site
Crescent Junction, UT 84540

U.S. Department of Energy
Moab Remediation Site
Moab, UT 84532

F.3 FAR 52.242-15, STOP-WORK ORDER (AUG 1989) -- ALTERNATE I (APR 1984)

(a) The Contracting Officer may, at any time, by written order to the Contractor, require the Contractor to stop all, or any part, of the work called for by this Contract for a period of 90 days after the order is delivered to the Contractor, and for any further period to which the parties may agree. The order shall be specifically identified as a stop-work order issued under this clause. Upon receipt of the order, the Contractor shall immediately comply with its terms and take all reasonable steps to minimize the incurrence of costs allowable to the work covered by the order during the period of work stoppage. Within a period of 60 days after a stop-work order is delivered to the Contractor, or within any extension of that period to which the parties shall have agreed, the Contracting Officer shall either:

(1) Cancel the stop-work order; or

(2) Terminate the work covered by the order as provided in the Termination Clause of this Contract.

(b) If a stop-work order issued under this Clause is canceled or the period of the order or any extension thereof expires, the Contractor shall resume work. The Contracting Officer shall make an equitable adjustment in the delivery schedule, the estimated cost, the fee, or a combination thereof, and in any other terms of the Contract that may be affected and the Contract shall be modified, in writing, accordingly, if:

(1) The stop-work order results in an increase in the time required for, or in the Contractor's cost properly allowable to, the performance of any part of this Contract; and

(2) The Contractor asserts a claim for the adjustment within 30 days after the end of the period of work stoppage; provided that, if the Contracting Officer decides the facts justify the action, the Contracting Officer may receive and act upon the claim asserted at any time before final payment under this Contract.

(c) If a stop-work order is not canceled and the work covered by the order is terminated for the convenience of the Government, the Contracting Officer shall allow reasonable costs resulting from the stop-work order in arriving at the termination settlement.

(d) If a stop-work order is not canceled and the work covered by the order is terminated for default, the Contracting Officer shall allow, by equitable adjustment or otherwise, reasonable costs resulting from the stop-work order.

F.4 FAR 52.249-14, EXCUSABLE DELAYS (APR 1984)

(a) Except for defaults of subcontractors at any tier, the Contractor shall not be in default because of any failure to perform this contract under its terms if the failure arises from causes beyond the control and without the fault or negligence of the Contractor. Examples of these causes are

(1) acts of God or of the public enemy,
(2) acts of the Government in either its sovereign or contractual capacity,
(3) fires,
(4) floods,
(5) epidemics,
(6) quarantine restrictions,
(7) strikes,
(8) freight embargoes, and
(9) unusually severe weather. In each instance, the failure to perform must be beyond the control and without the fault or negligence of the Contractor. "Default" includes failure to make progress in the work so as to endanger performance.

(b) If the failure to perform is caused by the failure of a subcontractor at any tier to perform or make progress, and if the cause of the failure was beyond the control of both the Contractor and subcontractor, and without the fault or negligence of either, the Contractor shall not be deemed to be in default, unless -

(1) The subcontracted supplies or services were obtainable from other sources;

(2) The Contracting Officer ordered the Contractor in writing to purchase these supplies or services from the other source; and

(3) The Contractor failed to comply reasonably with this order.

(c) Upon request of the Contractor, the Contracting Officer shall ascertain the facts and extent of the failure. If the Contracting Officer determines that any failure to perform results from one or more of the causes above, the delivery schedule shall be revised, subject to the rights of the Government under the termination clause of this contract.

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SECTION G

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G.1 CONTRACT ADMINISTRATION

(a) Contracting Officer (CO) - The person with the authority to enter into contracts as defined in FAR 2.101, who is assigned as responsible for this contract as a whole.

The name and correspondence address of the Department of Energy (DOE) CO who will administer the contract is:

Chris Lockhart, Contracting Officer
U.S. Department of Energy
Environmental Management Consolidated Business Center
250 East 5th Street, Suite 500
Cincinnati, OH 45202

Telephone No: (513) 744-0996
Facsimile No: (513) 246-0529
Email: chris.lockhart@emcbc.doe.gov

(b) Contracting Officer's Representative (COR) - The CO's designated representative whose responsibilities apply to the administration of this contract. The extent of the COR's authority is defined in the Contract Clause "Technical Direction".

The name and correspondence address of the DOE Contracting Officer's Representative (COR) is:

Bonni Wethington, Contracting Officer's Representative
U.S. Department of Energy
Moab UMTRA Project
Moab, UT 84532

Telephone No: (435) 719-2896
Email: bonni.wethington@gjem.doe.gov

Performance of the work under this contract shall be subject to the technical direction of DOE's COR(s) in accordance with the Section I clause, DEAR 952.242-70, Technical Direction. Any change in any DOE's COR may be made administratively by letter from the Contracting Officer consistent with Section I clause, DEAR 952.242-70, Technical Direction.

(c) The designated paying office for direct payment invoices under the contract is:

Direct Mail Address:

U.S. Department of Energy
Oak Ridge Financial Services Center
P.O. Box 4307
Oak Ridge, TN 37831

Express Courier Address:

U.S. Department of Energy
Oak Ridge Financial Services Center
200 Administration Road
Oak Ridge, TN 37831
(865) 241-5073

G.2 CORRESPONDENCE PROCEDURES

To provide timely and effective administration, correspondence (excluding invoices) submitted under this contract shall include the contract number and shall be subject to the following procedures:

All correspondence shall be sent concurrently to the FPD, CO, and COR.

G.1.1 FPD's Address: Donald Metzler
Donald.Metzler@gjo.doe.gov
U.S. Department of Energy – Moab UMTRA Project
200 Grand Avenue
Grand Junction, CO 81501

G.1.2 CO's Address: Chris Lockhart
chris.lockhart@emcbc.doe.gov
U.S. Department of Energy – EMCBC
250 East Fifth Street, Suite 500
Cincinnati, OH 45202

G.1.3 COR's Address: Bonni Wethington
bonni.wethington@gjem.doe.gov
U.S. Department of Energy
Moab UMTRA Project
Moab, UT 84532

G.3 CORRESPONDENCE, REPORTS, AND DELIVERABLES

The following requirements apply to submission of all correspondence, reports, and data deliverables:

(a) The contractor shall ensure that all correspondence, reports, and data deliverables are as follows:

(1) Legible and sequentially numbered; and

(2) Written in clear, concise English.

(b) The contractor shall prepare transmittals as follows:

(1) Title page or cover sheet that identifies the contract by number, author, deliverable(s) (including deliverable item number or report requirement), and date; and

(2) Text on standard 8 ½" x 11" letter size paper (one-way foldouts or larger sizes may be included with report text).

(c) The contractor shall submit correspondence, reports, and deliverables as follows:

(1) All correspondence, deliverables, and reports shall be submitted in electronic format (i.e., searchable PDF and original soft copy) to the CO or designee and in hard copy as required and/or requested.;

(2) The submission shall also state which contract deliverable, when appropriate, is being met through submission of the correspondence.

G.4 OBSERVANCE OF LEGAL HOLIDAYS

(a) The on-site Government personnel observe the following holidays:

New Year's Day
Martin Luther King, Jr.'s Birthday
President's Day
Memorial Day
Independence Day
Labor Day
Columbus Day
Veterans Day
Thanksgiving Day
Christmas Day

Any other day designated by Federal statute, Executive order, or the President's proclamation.

(a) When any holiday falls on a Saturday, the preceding Friday is observed. When any holiday falls on a Sunday, the following Monday is observed. Observance of such days by Government personnel shall not be cause for an additional period of performance or entitlement of compensation except as set forth within the contract.

G.5 SUBMISSION OF VOUCHERS/INVOICES

(a) VIPERS. The contractor is required to submit payment invoices and supporting documentation electronically through the Oak Ridge Financial Service Center’s (ORFSC) Vendor Inquiry Payment Electronic Reporting System (VIPERS) which

is accessible at http://finweb.oro.doe.gov/. Detailed instructions on how to enroll and use the system are provided on the web page.

The website provides the vendor the following system capability, required EFT banking form/information and instructions:

(a) Logon to VIPERs
(b) Request Access
(c) Vendor Banking Data Form
(d) Registration
(e) Invoice Status
(f) Electronic Invoicing

(b) Invoices. The contractor shall submit invoices (Standard Form 1034 located at http://www.gsa.gov/Portal/gsa/ep/formslibrary.do?formType=SF) on a monthly basis (not later than 15 calendar days after the last day of each month) in accordance with FAR 52.232-25 Prompt Payment (OCT 2003). The Government will make payments to the Contractor by electronic funds transfer not later than thirty (30) calendar days after receipt of an acceptable cost invoice from the Contractor.

(c) Any basis for invoice withholding, adjustment or reduction which is discovered after payment will be corrected on subsequent invoices. If the Government discovers such defects, the CO will notify the contractor in writing. The CO's written notification will explain the nature of the basis for withholding, adjustment, or reduction, as well as specify the dollar amount of the withholding, adjustment or reduction.

(d) Nothing in this provision shall affect the rights of either the Government or the contractor under the Section I clause, FAR 52.232-25, Prompt Payment, of this contract. The Government may notify and/or initiate withholding, adjustment, or reduction any time prior to final payment under this contract.

(g) In addition to the electronic invoice submission required in G.4(a), the contractor shall submit one copy of the invoice(s), including all supporting documentation to the CO and COR.

(e) Fee Invoices. The Contractor may submit invoices for semi-annual fee payments based on DOE's Fiscal Year calendar concurrent with the Monthly Cost and Schedule Report. Fee payment(s) will be made after the CO determines whether adjustments/reductions are necessary.

G.6 DEFECTIVE OR IMPROPER INVOICES

Name, title, phone number, office name, and complete mailing address of officials of the business concern who are to be notified when the Government receives a defective or improper invoice.

G.6 DEFECTIVE OR IMPROPER INVOICES

Name, title, phone number, office name, and complete mailing address of officials of the business concern who are to be notified when the Government receives a defective or improper invoice.

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SECTION H

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H.1 REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF THE OFFEROR

The Representations, Certifications, and Other Statements of the Offeror, contained in its proposal dated **January 13, 2012**, are hereby incorporated by reference and made a part of this contract.

H.2 ACCESS TO DOE-OWNED OR LEASED FACILITIES

(a) The performance of this contract requires that employees of the Contractor have physical access to DOE-owned or leased facilities; however, this clause does not control requirements for an employee's obtaining a security clearance. The Contractor understands and agrees that DOE has a prescribed process with which the Contractor and its employees must comply in order to receive a security badge that allows such physical access. The Contractor further understands that it must propose employees whose background offers the best prospect of obtaining a security badge approval for access. The contract shall consider the following potential disqualifiers which are not all inclusive and may vary depending on access requirements:

(1) is, or is suspected of being, a terrorist;
(2) is the subject of an outstanding warrant;
(3) has deliberately omitted, concealed, or falsified relevant and material facts from any Questionnaire for National Security Positions (SF-86), Questionnaire for Non-Sensitive Positions (SF-85), or similar form;
(4) has presented false or forged identity source documents;
(5) has been barred from Federal employment;
(6) is currently awaiting a hearing or trial or has been convicted of a crime punishable by imprisonment of six (6) months or longer; or
(7) is awaiting or serving a form of pre-prosecution probation, suspended or deferred sentencing, probation or parole in conjunction with an arrest or criminal charges against the individual for a crime that is punishable by imprisonment of six (6) months or longer.

(b) The Contractor shall assure:

(1) In initiating the process for gaining physical access, (i) compliance with procedures established by DOE in providing its employee(s) with any forms directed by DOE, (ii) that the employee properly completes any forms, and (iii) that the employee(s) submits the forms to the person designated by the Contracting Officer.
(2) In completing the process for gaining physical access, that its employee (i) cooperates with DOE officials responsible for granting access to DOE -owned or leased facilities and (ii) provides additional information, requested by those DOE officials.

(c) The Contractor understands and agrees that DOE may unilaterally deny a security badge to an employee and that the denial remains effective for that employee unless DOE subsequently determines that access may be granted. Upon notice from DOE that an employee's application for a security badge is or will be denied, the Contractor shall promptly identify and submit the forms referred to in subparagraph (b)(1) of this clause

for the substitute employee. The denial of a security badge to individual employees by DOE shall not be cause for extension of the period of performance of this Contract or any contractor claim against DOE.

(d) The Contractor shall return to the Contracting Officer or designee the badge(s) or other credential(s) provided by DOE pursuant to this clause, granting physical access to DOE -owned or leased facilities by the Contractor's employee(s), upon (1) the termination of this Contract; (2) the expiration of this Contract; (3) the termination of employment on this Contract by an individual employee; or (4) demand by DOE for return of the badge.

(e) The Contractor shall include this clause, including this paragraph (e), in any subcontract, awarded in the performance of this Contract, in which an employee(s) of the subcontractor will require physical access to DOE -owned or leased facilities.

H.3 NON-SUPERVISION OF CONTRACTOR EMPLOYEES ON GOVERNMENT FACILITIES

The Government shall not exercise any supervision or control over Contractor employees performing services under this contract in any manner that may constitute the establishment of an “employer-employee” relationship. The Contractor’s employees shall be accountable solely to the Contractor’s management, who in turn are responsible to the Government.

H.4 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 private companies (such as the site operating Contractor), 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 the 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 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.

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 the Contractor's personnel.

e. This clause shall flow down to all appropriate subcontracts.

H.5 CONSECUTIVE NUMBERING

Due to automated procedures employed in formulating this document, clauses contained within it may not always be consecutively numbered.

H.6 CONTRACTOR EMPLOYEE TRAINING

The TAC shall ensure that all TAC and TAC subcontractor employees attend mandatory DOE-provided security and/or safety training, as directed by the DOE COR or site Safety Officer or representative (usually within 30 days of the first date of performance on this contract and at least once annually thereafter). The Contractor shall ensure that every employee expected to work on federal property is instructed to safely and competently perform the work.

H.7 CONTRACT PARTICIPATION BY FOREIGN NATIONALS

(a) The Contractor shall notify the Contracting Officer, in writing, prior to the employment of or participation by any foreign national in the performance of work under the contract.

(b) The Contractor shall notify the Contracting Officer, in writing, prior to any visit to sites covered by this contract by any foreign national in connection with the work being performed under this contract. This notification shall be made at least 75 days prior to the planned visit unless a shorter period is authorized by the Contracting Officer's Representative.

H.8 SAFETY IN THE WORK AREA

The Contractor shall take all reasonable safety precautions in the performance of the work under this contract.

H.9 INSURANCE - WORK ON A GOVERNMENT INSTALLATION

In accordance with the contract clause FAR 52.228-5 INSURANCE - WORK ON A GOVERNMENT INSTALLATION (JAN 1997), the following types 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 under applicable Workers Compensation and Occupational Disease statutes.
(2) Employer's liability insurance in the amount of $100,000.

b. General Liability Insurance. Bodily liability coverage written on the comprehensive form of policy of at least $500,000 per occurrence.

c. Automobile Liability Insurance. Coverage shall be on the comprehensive form of policy, and 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 $200,000 per person and $500,000 per occurrence for bodily injury and $20,000 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.10 LOBBYING RESTRICTIONS

The Contractor agrees that none of the funds obligated on this award shall be expended, directly or indirectly, to influence congressional action on any legislation or appropriation matters pending before Congress, other than to communicate to members of Congress as described in 18 U.S. C. 1913. This restriction is in addition to those prescribed elsewhere in statute and regulations.

H.11 ORGANIZATIONAL CONFLICT OF INTEREST RESTRICTIONS

In performing or by performing this contract, it is possible a potential or actual organizational conflict of interest may occur. Consequently, in accordance with FAR 9.502, restrictions may be placed on future activities of the successful offeror, it employees and subcontractors. The requirements at DEAR 952.209-72 ORGANIZATIONAL CONFLICTS OF INTEREST (JUN 1997) apply to this contract.

H.12 PROJECT CONTROL SYSTEMS AND REPORTING REQUIREMENTS

H.12.1 PROJECT CONTROL SYSTEM

(a) As described in Section C.3.8, the Contractor shall establish, maintain and use a project control system that accurately reflects the project status relative to cost and schedule performance, and tracks progress against the approved baseline. The Contractor shall maintain a project control system in accordance with the following requirements:

(1) DOE O 413.3B, Program and Project Management for the Acquisition of Capital Assets, November 29, 2010 (only as it applies to Operating Projects);

(2) DOE Manual 413.3-1, Project Management for the Acquisition of Capital Assets, March 28, 2003.

(3) Integrated Planning, Accountability, and Budgeting System Information Systems (IPABS-IS) Data Requirements, February 16, 1999, and subsequent updates;

(4) Integrated Planning, Accountability, and Budgeting System (IPABS) Handbook, February 16, 1999, and subsequent updates;

(5) HQ Baseline Change Control Charter, Office of Environmental Management, Rev. 0, June 23, 1999.

(b) The Contractor shall provide the Contracting Officer with a detailed written description of the proposed project control system for review and approval within 30 days after award of this contract. Cost effective, graded application of controls will be a critical factor in determining acceptability of the proposed system.

(c) The Contracting Officer's Representative or designated representatives will conduct a compliance review of the Contractor's proposed project control system to determine if the description and procedures meet the intent of this contract clause.

H.12.2 BASELINE DEVELOPMENT AND COST COLLECTION

(a) The Contractor shall develop and submit a Moab TAC baseline consistent with the terms and conditions of this contract and their proposal within 45 days after award. The baseline shall be developed in accordance with DOE Order 413.3B and include all of the scope identified in the Statement of Work (SOW). The Work Breakdown Structure (WBS) shall provide the basis for all project control system components, including estimating, scheduling, budgeting, performing, managing, and reporting, as required under this contract. The Contractor shall develop the WBS levels (at minimum Level 4 for submittal to DOE), which will represent the Project Baseline Summary (PBS) level.

(b) Cost estimates shall be integrated with the WBS and use estimating methodologies consistent with DOE Order 413.3B. Costs shall be discernable by Budget and Report (B&R) code, direct, indirect and fee. The project control system must maintain capability to provide Total Estimated Cost (TEC), Total Project Cost (TPC), Estimates-to-Complete (ETC), and Estimates-at-Completion (EAC) along with tracking of each of the Cost and Schedule.

(c) Schedules shall be developed that integrate with the WBS. All project work scope shall be included regardless of funding source. Each subproject and the PBS will have an assigned duration that will be based on work scope. Activity logic links shall depict all work scope constraints and decision points and shall be integrated into a total project network schedule. The project schedule shall clearly depict critical path activities and milestones. Activities shall be resource loaded at the lowest practical level of the WBS, but at a maximum at least one level below the PBS to develop time-phased budgets that are integrated with the schedule. Float analysis will be summarized at the PBS and total project levels.

(d) The Government will use earned value to determine the Contractor's performance.

(e) The Contractor shall analyze proposed or directed funding changes for their impact on technical, schedule, and cost elements of the baseline, along with potential impacts to the Cost and Schedule.

(f) Any Contractor requested changes or DOE directed written changes shall be addressed through the established change control process detailed in Section H.12.4.

(g) The Contractor shall provide variance analyses for differences between planned and actual performance against the total project baseline and the Cost and Schedule. Performance analysis techniques shall be commercially accepted and documented, and shall utilize earned-value methods and shall be reported to DOE at the sub-project level. Performance metrics (i.e., quantities) will be established for all technical work scope unless otherwise approved by the Contracting Officer. For variances greater than ±10%, the analyses shall detail the causes for variance and corrective actions required.

(h) The EAC for the project shall be evaluated monthly, or as needed, to ensure that it is consistent with observed trends in performance, emerging or resolved issues, and changes in the assessment of project risk.

(i) All actual direct costs incurred for resources applied in the performance of work shall be recorded on a timely basis each month. Actual costs incurred must be recorded in the same accounting period that performance is measured and recorded. Any indirect costs shall also be collected and appropriately allocated to the sub-projects.

(j) Costs shall be collected at a charge number level, including the work elements identified in Section C, and be able to be summed through the WBS, PBS and by major Contractor functional organization. Incorrect charges on time cards or other administrative or accounting errors shall be corrected in a timely manner.

H.12.3 PROJECT REPORTING

(a) The Contractor shall provide monthly status reports in a format approved by the Contracting Officer. At a minimum, the status shall include cost and schedule variance at a level 4 WBS with rollup to the subproject and PBS, the status of major milestones, and critical technical or programmatic issues.

(b) Semi-Annual Critical Analysis Report (SCAR). Every six months, the Contractor shall prepare and submit a comprehensive report that critically analyzes the overall status of the baseline as well as any key metrics. This report shall include overall narrative summaries, analysis of schedule trends and project float, critical path performance, analysis of critical manpower skills of other resources, budget and funding figures, and project risk updates.

(c) Plans and reports shall be prepared in such a manner as to provide for consistency with the contract SOW, the Baseline, and the approved WBS. The Contractor's reporting system shall be able to provide for the following at the subproject and PBS level:

- Timely incorporation of contractual changes affecting estimated cost and schedule
- Reconciliation of estimated costs for those elements of the WBS with current performance measurement budgets in terms of changes to the authorized work and internal re-planning.
- Changes to records pertaining to work performed that will change previously reported costs for correction of errors and routine accounting adjustments.
- Revisions to the contract estimated costs for DOE-directed changes to the contractual effort

(d) The Contractor shall provide the Contracting Officer, or the Contracting Officer's Representative, access to any and all information and documents comprising the Contractor's project control and reporting system. Generally, access will not be requested more than one level below the level chosen by the Contracting Officer for control and approval authority, except during compliance reviews.

H.12.4 BASELINE CHANGE MANAGEMENT

(a) The integrated scope, cost and schedule baseline is the source document for all project control and baseline change management. The processes for managing and administering changes to all elements of the baseline shall be timely, formal, and documented. Baseline changes shall be proposed when:

1. Necessitated by significant project delays, events or other impacts

2. The parties have negotiated an equitable adjustment in accordance with the Section I clause entitled, "Changes-Cost-Reimbursement" or other clauses of this contract.

3. The approval authority for any change to the Contract Baseline shall be the Contracting Officer.

4. Specific change control time frames for consideration and approval will be established by the Contracting Officer. Each change control threshold level shall accommodate emergency changes. Retroactive changes that affect schedule and cost performance data are not allowed except to correct administrative errors. A record of all approved changes, at any level, shall be maintained through the life of the project. Change control records shall maintain a clear distinction between approved changes in funding and baseline changes. Ownership of internal change control dispositioned records and EM Configuration Change Control Board records resides with DOE.

5. Any changes to contract Cost, Schedule or Fee shall be executed only through a contract modification by the Contracting Officer pursuant to the contract terms and conditions. Approved internal change control modifications to the Performance Measurement Baseline (PMB) may not imply the need for changes to the Contract Cost, Schedule or Fee.

H.13 CONTRACT OVERSIGHT

(a) The Contractor shall expect routine surveillance and observation of their work by DOE personnel and shall correct violations of laws, regulations, DOE Orders, Standards or site mandated rules, upon discovery or when brought to its attention by the Contracting Officer or the Contracting Officer's Representative, within one working day. The Contractor shall correct all other deficiencies within five working days. Suggestions for the improvement of contractually mandated work shall be enacted upon mutual agreement between the Contractor and the Contracting Officer or Contracting Officer's Representative. The Contractor shall provide logistical support to facilitate conducting oversight activities on an as-needed basis, at the discretion of the Contracting Officer's Representative or his/her assigned representative.

(b) The Contractor shall respond to DOE oversight and to concerns, findings and observations as identified by the Contracting Officer or Contracting Officer's Representative during the conduct of these oversight activities. The four (4) fundamental areas of oversight that may be conducted during the course of the execution of this contract are as follows:

1. **Project Management Oversight:** Includes daily field inspections and the weekly and monthly assessment of the project status, to determine and validate project performance.

2. **Contract Management Oversight:** Administration and monitoring of the contract will be performed by the Task Manager, Contracting Officer's Representative or their designee. All information and documentation relinquished by the Contractor will be retained by the Contracting Officer's Representative for the Contract File.

3. **Assessments:** DOE or other regulatory agencies may conduct assessments of the Contractor's performance. Notice of these performance assessments will be given to the Contractor fourteen (14) calendar days in advance of the assessment.

4. **Self-Assessment:** DOE oversight will focus primarily on a safe, accelerated cleanup of the Moab site. The Contractor shall respond to DOE oversight and to concerns, findings and observations during the conduct of these oversight activities. The Contractor should conduct self- assessments of their performance in critical areas to ensure compliance during external assessments.

H.14 DOE H-1025 CONTRACTOR INTERFACE WITH OTHER CONTRACTORS AND/OR GOVERNMENT EMPLOYEES

The Government may award contracts for on-site work or services to additional contractors. The contractor shall cooperate fully with all other on-site DOE contractors, and with Government employees, and carefully fit its own work to such other work as may be directed by the Contracting Officer or a duly authorized representative. The contractor shall not commit or permit any act which will interfere with the performance of work by any other contractor or by a Government employee.

H.15 DOE-H-1011 DEPARTMENT OF LABOR WAGE DETERMINATIONS

In the performance of this contract, the Contractor shall comply with the requirements of the U.S. Department of Labor Wage Determination(s) located in Section J Attachment J-8 and FAR 52.222-42 Statement of Equivalent Rates for Federal Hires when applicable.

H.16 GREEN PURCHASING UNDER CONTRACTS FOR PERSONAL COMPUTERS (DESKTOPS, LAPTOPS, AND MONITORS)

Pursuant to Executive Order 13423, Strengthening Federal Environmental, Energy and Transportation Management, the Department of Energy is committed to managing its facilities in a manner that will promote the natural environment and protect the health and well being of its Federal employees and contractor service providers. Any personal computer equipment (i.e., desk tops, lap tops, or monitors) delivered hereunder shall be energy efficient such that it compliant with EnergyStar or FEMP standards as set forth at 48 CFR 52.223-15. Likewise, when supplying personal computer equipment hereunder, the contractor shall ensure that the equipment is rated at least silver pursuant to IEEE 1680 Standard for the Environmental Assessment of Personal Computer Products as set forth at 48 CFR 52.223-16 Alternate I.

H.17 GREEN PURCHASING UNDER DOE SERVICE CONTRACTS

Pursuant to Executive Order 13423, Strengthening Federal Environmental, Energy and Transportation Management., the Department of Energy is committed to managing its facilities in a manner that will promote the natural environment and protect the health and well being of Federal employees and contractor service providers. In the performance of work under this contract, the Contractor shall exert its best efforts to provide its services in a manner that will promote the natural environment and protect the health and well being of Federal employees, contract service providers and visitors using the facility. Green purchasing or environmentally preferable contracting includes the initiatives described below:

Alternative Fuels and Vehicles are described at http://www.afdc.energy.gov/afdc/

Biobased Products are described at http://www.biopreferred.gov/

Energy efficient products are described at http://energystar.gov/products for Energy Star products and at http://www.eere.energy.gov/femp/procurement for FEMP designated products

Environmentally Preferable Computers are described at http://www.epeat.net

Non-Ozone Depleting Products are described at http://www.epa.gov/Ozone/snap/index.html

Recycled Products are described at http://epa.gov/cpg

Water efficient products are described at http://epa.gov/watersense/

To the extent that the services provided by the Contractor require the provision of any of the above types of products, the environmentally preferable type of product is to be furnished unless that type of product is not available competitively within a reasonable time, at a reasonable price, is not life cycle cost efficient in the case of energy consuming products, or does not meet reasonable performance standards. The clauses at FAR 52.223-2, Affirmative Procurement of Biobased Products under Service and Construction Contracts, 52.223-15, Energy Efficiency in Energy Consuming Products, and 52.223-17 Affirmative Procurement of EPA-Designated Items in Service and Construction Contracts, in Section I require the use of products that have biobased content, are energy efficient, or have recycled content.

H.18 COMPLIANCE WITH INTERNET PROTOCOL VERSION 6 (IPV6) IN ACQUIRING INFORMATION TECHNOLOGY (JULY 2011)

This contract involves the acquisition of Information Technology (IT) that uses Internet Protocol (IP) technology. The Contractor agrees that (1) all deliverables that involve IT that uses IP (products, services, software, etc.) comply with IPv6 standards and interoperate with both IPv6 and IPv4 systems and products; and (2) it has IPv6 technical

support for fielded product management, development and implementation available. If the Contractor plans to offer a deliverable that involves IT that is not initially compliant, the Contractor shall (1) obtain the Contracting Officer's approval before starting work on the deliverable; and (2) have IPv6 technical support for fielded product management, development and implementation available.

Should the Contractor find that the specifications of this contract do not conform to IPv6 standards, it must notify the Contracting Officer of such nonconformance and act in accordance with the instructions of the Contracting Officer.

H.19 PRIVACY ACT SYSTEM OF RECORDS (JULY 2011)

The Contractor shall design, develop, or operate the following systems of records on individuals to accomplish an agency function pursuant to the Section I Clause, FAR 52.224-2, Privacy Act.

System No.	Title
DOE-05	Personnel Records of Former Contractor Employees (includes all former workers)
DOE-10	Energy Employees Occupational Illness Compensation Program Act Files
DOE-33	Personnel Medical Records (present and former DOE employees and Contractor employees)
DOE-35	Personnel Radiation Exposure Records
DOE-38	Occupational and Industrial Accident Records
DOE-51	Employee and Visitor Access Control Records
DOE-52	Access Control Records of International Visits, Assignments, and Employment at DOE Facilities and Contractor Sites
DOE-88	Epidemiologic and Other Health Studies, Surveys, and Surveillances

The contractor shall notify the Contracting Officer prior to contract award and/or immediately when it is first known that this list does not address all the systems of records that are generated based on contract performance. The Contractor shall monitor the identified systems and notify the Contracting Officer immediately if there is a change to existing systems or if there is a need for a new system. Lack of notification does not exempt the Contractor from complying with the Privacy Act. To ensure systems are monitored consistently, Contractors are required to review and provide a written notification to the Contracting Officer annually that the list is accurate and up-to-date.

The above list shall be revised by mutual agreement between the Contractor and the Contracting Officer, as necessary, to keep it current. A formal modification to the contract is not required to incorporate these revisions; however, the revisions become effective upon mutual written agreement of the parties. The mutually agreed upon revisions shall have the same effect as if actually listed above for the purpose of satisfying the listing requirement contained in paragraph (a)(1) of the contract clause entitled, FAR 52.224-2, Privacy Act (APR 1984). The revisions will be formally incorporated at the next convenient contract modification. The link at http://management.energy.gov/documents/FinalPASORNCompilation.1.8.09.pdf provides additional information on Privacy Act Systems of Records.

H.20 LOBBYING RESTRICTIONS (ENERGY AND WATER DEVELOPMENT AND RELATED AGENCIES APPROPRIATION ACT, 2011)

The Contractor agrees that none of the funds obligated on this award shall be expended, directly or indirectly, to influence congressional action on any legislation or appropriation matters pending before Congress, other than to communicate to members of Congress as described in 18 U.S.C. 1913. This restriction is in addition to those prescribed elsewhere in statue and regulations.

H.21 MODIFICATION AUTHORITY

Notwithstanding any of the other provisions of this Contract, the Contracting Officer is 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.22 NOTICE REGARDING THE PURCHASE OF AMERICAN-MADE EQUIPMENT AND PRODUCTS -- SENSE OF CONGRESS

It is the sense of the Congress that, to the greatest extent practicable, all equipment and products purchased with funds made available under this award should be American-made.

H.23 RIGHTS TO PROPOSAL DATA

Except for the data contained in the Contractor's Cost Proposals dated ____ if applicable, which are asserted by the Contractor as being proprietary data, it is agreed that, as a condition of the award of this Contract, and notwithstanding the provisions of any notice appearing on the proposal, the Government shall have the right to use, duplicate, disclose, and have others do so for any purpose whatsoever.

H.24 SAFETY IN THE WORK AREA

The Contractor shall take all reasonable safety precautions in the performance of the work under this contract.

H.25 SECTION 8(A) DIRECT AWARDS

This contract is issued as a direct award between the contracting activity and the 8(a) contractor pursuant to a Partnership Agreement between the Small Business Administration (SBA) and the Department of Energy (DOE). Although the SBA is not identified in Section A, SBA remains the prime contractor for this contract. SBA retains responsibility for 8(a) certification, 8(a) eligibility determinations and related issues, and providing counseling and assistance to the 8(a) contractor under the 8(a) program. The cognizant SBA district office for the 8(a) contractor is:

U.S. Small Business Administration
Montana District Office
10 West 15th Street Suite 1100
Helena, MT 59626

Phone Number: 406-441-1081
Fax Number: 406-441-1090

DOE is responsible for administering the contract and taking any action on behalf of the Government under the terms and conditions of the contract. However, DOE shall give advance notice to the SBA before it issues a final notice terminating performance, either in whole or in part, under the contract. DOE shall also coordinate with SBA prior to processing any novation agreement. DOE has assigned contract administration functions to a contract administration office identified in Section G.1.

The contractor shall:

(1) Notify the CO, simultaneously with its notification to SBA (as required by SBA's 8(a) regulations), when the owner or owners upon whom 8(a) eligibility is based plan to relinquish ownership or control of the concern. Consistent with 15 U.S.C. 637(a)(21), transfer of ownership or control shall result in termination of the contract for convenience, unless SBA waives the requirement for termination prior to the actual relinquishing of ownership or control.

(2) Comply with FAR 52.219-14, "Limitations on Subcontracting.

H.26 CONTRACTOR RECOGNITION

The Government may offer the Contractor or to its employees, signs of recognition or appreciation for exceptional performance. In no case shall these signs nor statements or actions of the Government serve as an endorsement of that Contractor or it's employees, nor shall these actions constitute Government acceptance of the Contractor or the Contractor's performance unless made in writing by the Contracting Officer. Contractors shall not represent themselves as endorsed by the Government in any manner, including in any marketing or promotional materials.

H.27 ASSIGNMENT AND TRANSFER OF CONTRACTS AND SUBCONTRACTS

(a) Assignment of DOE Prime Contracts. During the period of performance of this contract, it may become necessary for the U.S. Department of Energy (DOE) to transfer

and assign existing or future DOE prime contracts supporting site work to this contract. The Contractor shall accept the transfers and assignments of such contracts. Any recommendations and/or suggestions regarding individual transfers directed by DOE shall be submitted in writing to the Contracting Officer prior to the transfer or assignment.

(b) Transfer of Subcontracts. As the successor contractor, the Contractor agrees to accept the transfer of existing subcontracts as determined necessary by DOE for continuity of operations. The Contractor shall use its best efforts to negotiate changes to the assigned subcontracts incorporating mandatory flow-down provisions at no cost. If the subcontractor refuses to accept the changes or requests price adjustments, the Contractor will notify the Contracting Officer in writing. DOE reserves the right to direct the Contractor to transfer to DOE or another Contractor any subcontract awarded under this contract.

H.28 CONFERENCE SPENDING

a) No cost associated with conference activities shall be allowable under this contract unless the conference is directly and programmatically related to the purpose of the contract and the specific work authorization/order/task directing the conference activities.

b) The Contractor shall follow the most current guidance issued by DOE concerning reporting of conference related activities and spending. The Contractor shall request, obtain approval (if $100,000 or greater), and report all conference activities through the Conference Management Reporting and Approval Tool on the DOE iPortal at https://iportal.doe.gov.

(c) While a conference may be approved by DOE based on estimated cost and attendance to ensure federal funds are used for purposes that are appropriate, cost effective, and important to the core mission, only the Contracting Officer has authority to determine if the costs incurred by the Contractor are allowable, allocable, and reasonable.

(d) The Contractor and its employees, its sponsors, hosts and attendees shall aggressively seek to limit costs associated with a conference. Conference expenditures shall be kept to the minimum necessary to carry out the Department's mission and consistent with applicable portions of the Federal Travel Regulation, and 48 CFR chapter 1, the Federal Acquisition Regulation.

(e) The Contractor shall ensure its conference attendees conduct themselves with the highest level of professionalism and ethical behavior consistent with that expected of DOE employees.

(f) The Contracting Officer will ensure conference activities are included in the Contractor’s annual audit plan.

H.29 PROHIBITION ON FUNDING FOR CERTAIN NONDISCLOSURE AGREEMENTS

a) No cost associated with implementation or enforcement of nondisclosure policies, forms or agreements shall be allowable under this contract if such policies, forms or agreements do not contain the following provisions: ‘‘These provisions are consistent with and do not supersede, conflict with, or otherwise alter the employee obligations, rights, or liabilities created by existing statute or Executive order relating to (1) classified information, (2) communications to Congress, (3) the reporting to an Inspector General of a violation of any law, rule, or regulation, or mismanagement, a gross waste of funds, an abuse of authority, or a substantial and specific danger to public health or safety, or (4) any other whistleblower protection. The definitions, requirements, obligations, rights, sanctions, and liabilities created by controlling Executive orders and statutory provisions are incorporated into this agreement and are controlling.

b) The limitation above shall not contravene requirements applicable to Standard Form 312, Form 4414, or any other form issued by a Federal department or agency governing the nondisclosure of classified information.

c) Notwithstanding the provisions of paragraph (a), a nondisclosure or confidentiality policy form or agreement that is to be executed by a person connected with the conduct of an intelligence or intelligence-related activity, other than an employee or officer of the United States Government, may contain provisions appropriate to the particular activity for which such document is to be used. Such form or agreement shall, at a minimum, require that the person will not disclose any classified information received in the course of such activity unless specifically authorized to do so by the United States Government. Such nondisclosure or confidentiality forms shall also make it clear that they do not bar disclosures to Congress, or to an authorized official of an executive agency or the Department of Justice, that are essential to reporting a substantial violation of law.

H.30 CONFERENCE MANAGEMENT

The Contractor agrees that:

a) The contractor shall ensure that contractor-sponsored conferences reflect the DOE/NNSA's commitment to fiscal responsibility, appropriate stewardship of taxpayer funds and support the mission of DOE/NNSA as well as other sponsors of work. In addition, the contractor will ensure conferences do not include any activities that create the appearance of taxpayer funds being used in a questionable manner.
b) The definition of a conference is a meeting, retreat, seminar, symposium, or event that involves attendee travel. The term ' conference' also applies to training activities that are considered to be conferences under 5 C.F.R 410.404.
c) Contractor-sponsored conferences include those events that meet the conference definition and either or both of the following:

1) The contractor provides funding to plan, promote, or implement an event, except in instances where a contractor:
   i) covers participation costs in a conference for specified individuals (e.g. students, retirees, speakers, etc.) in a total amount not to exceed $10,000 (by individual contractor for a specific conference) or
   ii) purchases goods or services from the conference planners (e.g., attendee registration fees, renting booth space).
2) The contractor authorizes use of its official seal, or other seals/logos/ trademarks to promote a conference. Exceptions include non-M&O contractors who use their seal to promote a conference that is unrelated to their DOE contract(s) (e.g., if a DOE IT contractor were to host a general conference on cyber security).

d) Attending a conference, giving a speech or serving as an honorary chairperson does not connote sponsorship.
e) The contactor will provide information on conferences they plan to sponsor with expected costs exceeding $100,000 in the Department's Conference Management Tool, including:
   1) Conference title, description, and date
   2) Location and venue
   3) Description of any unusual expenses (e.g., promotional items)
   4) Description of contracting procedures used (e.g., competition for space/support)
   5) Costs for space, food/beverages, audio visual, travel/per diem, registration costs, recovered costs (e.g., through exhibit fees)
   6) Number of attendees
f) The contractor will not expend funds on the proposed contractor-sponsored conferences with expenditures estimated to exceed $100,000 until notified of approval by the contracting officer.
g) For DOE-sponsored conferences, the contractor will not expend funds on the proposed conference until notified by the contracting officer.
   1) DOE-sponsored conferences include events that meet the definition of a conference and where the Department provides funding to plan, promote, or implement the conference and/or authorizes use of the official DOE seal, or other seals/logos/ trademarks to promote a conference. Exceptions include instances where DOE:
      i) covers participation costs in a conference for specified individuals (e.g. students, retirees, speakers, etc.) in a total amount not to exceed $10,000 (by individual contractor for a specific conference) or
      ii) purchases goods or services from the conference planners (e.g., attendee registration fees; renting booth space); or provide funding to the conference planners through Federal grants.
   2) Attending a conference, giving a speech, or serving as an honorary chairperson does not connote sponsorship.
   3) The contractor will provide cost and attendance information on their participation in all DOE-sponsored conference in the DOE Conference Management Tool.

h) For non-contractor sponsored conferences, the contractor shall develop and implement a process to ensure costs related to conferences are allowable, allocable, reasonable, and further the mission of DOE/NNSA. This process must at a minimum:
   1) Track all conference expenses.
   2) Require the Laboratory Director (or equivalent) or Chief Operating Officer approve a single conference with net costs to the contractor of $100,000 or greater.

i) Contractors are not required to enter information on non-sponsored conferences in DOE'S Conference Management Tool.

j) Once funds have been expended on a non-sponsored conference, contractors may not authorize the use of their trademarks/logos for the conference, provide the conference planners with more than $10,000 for specified individuals to participate in the conference, or provide any other sponsorship funding for the conference. If a contractor does so, its expenditures for the conference may be deemed unallowable.

PART II – CONTRACT CLAUSES

SECTION I

CONTRACT CLAUSES

I.1 FAR 52.252-2, CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

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. Also, the full text of a clause may be accessed electronically at this/these address(es):

https://www.acquisition.gov/far
http://farsite.hill.af.mil/

Clause No.	FAR/DEAR Reference	Title	Fill-In Information (see FAR 52.104(d))
I.2	FAR 52.202-1	Definitions (JUL 2004) as modified by DEAR 952.202-1 (MAR 2002)	None
I.3	FAR 52.203-3	Gratuities (APR 1984)	None
I.4	FAR 52.203-5	Covenant Against Contingent Fees (APR 1984)	None
I.5	FAR 52.203-6	Restrictions on Subcontractor Sales to the Government (SEPT 2006)	None
I.6	FAR 52.203-7	Anti-Kickback Procedures (OCT 2010)	None
I.7	FAR 52.203-8	Cancellation, Rescission, and Recovery of Funds for Illegal or Improper Activity (JAN 1997)	None
I.8	FAR 52.203-10	Price or Fee Adjustment for Illegal or Improper Activity (JAN 1997)	None
I.9	FAR 52.203-12	Limitations on Payments to Influence Certain Federal Transactions (OCT 2010)	None
I.10	FAR 52.203-13	Contractor Code Of Business Ethics And Conduct (APR 2010)	None
I.11	FAR 52.204-4	Printed or Copied Double-Sided on Recycled Paper (AUG 2000)	None
I.12	FAR 52.204-7	Central Contractor Registration (APR 2008)	None
I.13	FAR 52.204-9	Personal Identity Verification of Contractor Personnel (JAN 2011)	None
I.14	FAR 52.204-10	Reporting Executive Compensation and First-Tier Subcontract Awards (JUL 2010)	
I.15	FAR 52.209-6	Protecting the Government's Interest when Subcontracting with Contractors Debarred, Suspended or Proposed for Debarment (DEC 2010)	None
I.16	FAR 52.209-9	Updated of Pubicly Available Information Regarding Responsibility Matters (JAN 2011)	None

Clause No.	FAR/DEAR Reference	Title	Fill-In Information (see FAR 52.104(d))
I.17	FAR 52.209-10	Prohibition on Contracting with Inverted Domestic Corporations (MAY 2011)	
I.18	FAR 52.215-2	Audit and Records – Negotiation (OCT 2010) Alternate I (MAR 2009)	None
I.19	FAR 52.215-8	Order of Precedence – Uniform Contract Format (OCT 1997)	None
I.20	FAR 52.215-10	Price Reduction for Defective Certified Cost or Pricing Data (OCT 2010)	None
I.21	FAR 52.215-11	Price Reduction for Defective Cost or Pricing Data – Modifications (OCT 2010)	None
I.22	FAR 52.215-12	Subcontractor Cost or Pricing Data (OCT 2010)	None
I.23	FAR 52.215-13	Subcontractor Cost or Pricing Data – Modifications (OCT 2010)	None
I.24	FAR 52.215-15	Pension Adjustments and Asset Reversions (OCT 2010)	None
I.25	FAR 52.215-17	Waiver of Facilities Capital Cost of Money (OCT 1997)	None
I.26	FAR 52.215-18	Reversion or Adjustment of Plans for Postretirement Benefits (PRB) Other Than Pensions (JUL 2005)	None
I.27	FAR 52.215-19	Notification of Ownership Changes (OCT 1997)	None
I.28	FAR 52.215-21	Requirements for Cost or Pricing Data or Information Other Than Cost or Pricing Data – Modifications (OCT 2010)	None
I.29	52.215-23	Limitations on Pass-Through Charges (OCT 2009)	None
I.30	FAR 52.217-8	Option to Extend Services (NOV 1999)	30 days
I.31	FAR 52.217-9	Option to Extend the Term of the Contract (MAR 2000)	30 days

Clause No.	FAR/DEAR Reference	Title	Fill-In Information (see FAR 52.104(d))
I.32	FAR 52.219-14	Limitations on Subcontracting (NOV 2011) (a) This clause does not apply to the unrestricted portion of a partial set-aside. (b) *Applicability*. This clause applies only to— (1) Contracts that have been set aside or reserved for small business concerns or 8(a) concerns; (2) Part or parts of a multiple-award contract that have been set aside for small business concerns or 8(a) concerns; and (3) Orders set aside for small business or 8(a) concerns under multiple-award contracts as described in 8.405-5 and 16.505(b)(2)(i)(F). (c) By submission of an offer and execution of a contract, the Offeror/Contractor agrees that in performance of the contract in the case of a contract for— (1) *Services (except construction)*. At least 50 percent of the cost of contract performance incurred for personnel shall be expended for employees of the concern. (2) *Supplies (other than procurement from a nonmanufacturer of such supplies)*. The concern shall perform work for at least 50 percent of the cost of manufacturing the supplies, not including the cost of materials. (3) *General construction*. The concern will perform at least 15 percent of the cost of the contract, not including the cost of materials, with its own employees. (4) *Construction by special trade contractors*. The concern will perform at least 25 percent of the cost of the contract, not including the cost of materials, with its own employees.	None
I.33	FAR 52.219-28	Post-Award Small Business Program Representation (APR 2009)	
I.34	FAR 52.222-1	Notice to the Government of Labor Disputes (FEB 1997)	
I.35	FAR 52.222-2	Payment for Overtime Premiums (JUL 1990)	(a) $0
I.36	FAR 52.222-3	Convict Labor (JUN 2003)	None
I.37	FAR 52.222-4	Contract Work Hours and Safety Standards Act – Overtime Compensation (JUL 2005)	None
I.38	FAR 52.222-21	Prohibition of Segregated Facilities (FEB 1999)	None

Clause No.	FAR/DEAR Reference	Title	Fill-In Information (see FAR 52.104(d))
I.39	FAR 52.222-26	Equal Opportunity (MAR 2007)	None
I.40	FAR 52.222-35	Equal Opportunity for Veterans (SEP 2010)	None
I.41	FAR 52.222-36	Affirmative Action for Workers with Disabilities (OCT 2010)	None
I.42	FAR 52.222-37	Employment Reports Veterans (SEP 2010)	None
I.43	FAR 52.222-40	Notification of Employee Rights Under the National Labor Relations Act (DEC 2010)	None
I.44	FAR 52.222-41	Service Contract Act of 1965, As Amended (NOV 2007)	None
I.45	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* *Training Technician $ 18.65* *Administrative Asssitant $ 18.65* *Safety Coordinator $ 18.65* *Project Analyst $ 27.60* *GeoData Specialist $ 16.78* *Quality Assurance Coordinator $ 18.65* *Records/Document Production Asst. $ 18.65* *Project Integration Specialist $ 25.12*	
I.46	FAR 52.222-50	Combating Trafficking in Persons (FEB 2009)	None
I.47	FAR 52.222-54	Employment Eligibility Verification (JAN 2009)	None
I.48	FAR 52.223-5	Pollution Prevention and Right to Know Information (MAY 2011)	
I.49	FAR 52.223-6	Drug Free Workplace (MAY 2001)	None
I.50	FAR 52.223-10	Waste Reduction Program (May 2011)	None
I.51	FAR 52.223-15	Energy Efficiency in Energy-Consuming Products	
I.52	FAR 52.223-16	IEEE 1680 Standard for the Environmental Assessment of Personal Computer Products (DEC 2007)	None
I.53	FAR 52.223-17	Affirmative Procurement of EPA-designated Items in Service and Construction Contracts (MAY 2008)	

Clause No.	FAR/DEAR Reference	Title	Fill-In Information (see FAR 52.104(d))
I.54	FAR 52.223-18	Encouraging Contractor Policies to Ban Text Messaging While Driving (AUG 2011)	None
I.55	FAR 52.224-1	Privacy Act Notification (APR 1984)	None
I.56	FAR 52.224-2	Privacy Act (APR 1984)	None
I.57	FAR 52.225-13	Restrictions on Certain Foreign Purchases (JUN 2008)	None
I.58	FAR 52.227-1	Authorization and Consent (DEC 2007)	None
I.59	FAR 52.227-2	Notice and Assistance Regarding Patent and Copyright Infringement (DEC 2007)	None
I.60	FAR 52.227-3	Patent Indemnity (APR 1984)	None
I.61	FAR 52.227-14	Rights in Data – General (Dec 2007) – Alternate II (Dec 2007)	Contract No. _____ and Subcontract _____ (if appropriate)
I.62	FAR 52.227-23	Rights to Proposal Data (Technical) (JUN 1987)	Contractor fill-in
I.63	FAR 52.228-7	Insurance – Liability to Third Persons (MAR 1996)	None
I.64	FAR 52.232-9	Limitation on Withholding of Payments (APR 1984)	None
I.65	FAR 52.232-17	Interest (OCT 2010)	None
I.66	FAR 52.232-22	Limitation of Funds (APR 1984)	None
I.67	FAR 52.232-23	Assignment of Claims (JAN 1986)	None
I.68	FAR 52.232-25	Prompt Payment (OCT 2008) – Alternate I (FEB 2002)	None
I.69	FAR 52.232-33	Payment byElectronic Funds Transfer – Central Contractor Registration (OCT 2003)	None
I.70	FAR 52.233-1	Disputes (JUL 2002) – Alternate I (DEC 1991)	None
I.71	FAR 52.233-3	Protest After Award (AUG 1996) – Alternate I (JUN 1995)	None
I.72	FAR 52.233-4	Applicable Law for Breach of Contract Claim (OCT 2004)	None
I.73	FAR 52.237-2	Protection of Government Buildings, Equipment and Vegetation (APR 1984)	None
I.74	FAR 52.237-3	Continuity of Services (JAN 1991)	None
I.75	FAR 52.242-1	Notice of Intent to Disallow Costs (APR 1984)	None
I.76	FAR 52.242-3	Penalties for Unallowable Costs (MAY 2001)	None
I.77	FAR 52.242-4	Certification of Final Indirect Costs (JAN 1997)	None
I.78	FAR 52.242-13	Bankruptcy (JUL 1995)	None
I.79	FAR 52.243-2	Changes – Cost Reimbursement (AUG 1987) – Alternate II (APR 1984)	None
I.80	FAR 52.243-7	Notification of Changes (APR 1984)	(b) 10 (d) 30
I.81	FAR 52.244-2	Subcontracts (OCT 2010) – Alternate I (JUN 2007)	(d) and (j) CO to fill-in as appropriate
I.82	FAR 52.244-6	Subcontracts for Commercial Items (DEC 2010)	None
I.83	FAR 52.245-1	Government Property (AUG 2010)	None

Clause No.	FAR/DEAR Reference	Title	Fill-In Information (see FAR 52.104(d))
I.84	FAR 52.245-9	Use and Charges (AUG 2010)	None
I.85	FAR 52.246-25	Limitation of Liability – Services (FEB 1997)	None
I.86	FAR 52.247-67	Submission of Commercial Transportation Bills to the General Services Administration for Audit (FEB 2006)	(c) General Services Administration Attn: FWA 1800 F Street NW Washington, DC 20405
I.87	FAR 52.248-1	Value Engineering (OCT 2010)	None
I.88	FAR 52.249-6	Termination (Cost Reimbursement) (MAY 2004)	None
I.89	FAR 52.249-14	Excusable Delays (APR 1984)	None
I.90	FAR 52.251-1	Government Supply Sources (AUG 2010)	None
I.91	FAR 52.253-1	Computer Generated Forms (JAN 1991)	None
I.92	DEAR 952.203-70	Whistleblower Protection for Contractor Employees (DEC 2000)	None
I.93	DEAR 952.204-77	Computer Security (AUG 2006)	
I.94	DEAR 952.204-75	Public Affairs (DEC 2000)	None
I.95	DEAR 952.208-7	Tagging of Leased Vehicles (APR 1984)	
I.96	DEAR 952.208-70	Printing (APR 1984)	None
I.97	DEAR 952.209-70	Organizational Conflicts of Interest (AUG 2009)	
I.98	DEAR 952.216-7	Allowable Cost and Payment (FEB 2011)	(a) (3) 30th
I.99	DEAR 952.223-75	Preservation of Individual Occupational Radiation Exposure Records (APR 1984)	None
I.100	DEAR 952.226-74	Displaced Employee Hiring Preference (JUNE 1997)	None
I.101	DEAR 952.227-9	Refund of Royalties (Feb 1995)	None
I.102	DEAR 952.242-70	Technical Direction (DEC 2000)	None
I.103	DEAR 952.251-70	Contractor Employee Travel Discounts (AUG 2009)	None
I.104	DEAR 970.5204-2	Laws, Regulations, and DOE Directives (DEC 2000)	See Section J, Attachment A, Lists A and B
I.105	DEAR 970.5204-3	Access to and Ownership of Records (JUL 2005)	(b)(1) through (b)(5) are Contractor-owned records.
I.106	DEAR 970.5223-1 (required per DEAR 952.223-71)	Integration of Environment, Safety, and Health Into Work Planning and Execution (DEC 2000)	None
I.107	FAR 52.203-17	Contractor Employee Whistleblower Rights and Requirement to Inform Employees of Whistleblower Rights (APR 2014)	None
I.108	FAR 52.204-14	Service Contract Reporting Requirements (JAN 2014)	None

SECTION J - ATTACHMENT J-1

DELIVERABLES

SUMMARY OF CONTRACT DELIVERABLES

	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date[1]
1.	Section C.3.1, and 36 CFR Chapter 12;	Records Management Plan including Document Control Systems and Processes: The Records Management Plan is a high-level program document that shall describe, at a minimum: a clear delineation between Government-owned and contractor-owned records; how the Contractor shall promote lifecycle management of records/information content accountability, including specialty categories like electronic records/content, e-mail and audiovisual; the contractor organization in charge of the records management program; provision of records management training to all contractor personnel; the safeguarding, protection and maintenance of records (including audiovisual, electronic, records containing sensitive information, and/or classified, if applicable); the use of DOE Records Disposition Schedules; management of quality assurance records under NQA-1, if applicable, proper storage of records, including access controls, the Contractor's procedures for final disposition of records (e.g., via transfer to a Federal Records Center (FRC, destruction, or transfer to another DOE contractor); and the Contractor's procedures for implementation of the records management program as a whole, including relationships with other programs that cannot respond properly without sound records search and retrieval capabilities (e.g., document control, quality assurance, processing claims received by the Department of Labor pursuant to the EEOICPA, FOIA, etc.).	Records Management Field Officer (RMFO) Review and CO Approval	Within 120 days of award

[1] All days refer to calendar days.

	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date[1]
2.	Section C.3.1, Records Management	Records File Plan: A file plan is a comprehensive outline that includes the records series title and description, active file locations, file arrangement, file cutoff, retention period, file transfer instructions, disposition instructions, and other specific instructions that provide guidance for effective management of records/information, including vital records. Annual submittal of any revisions to the Records File Plan	DOE-EMCBC RMFO review; CO Approval	Within 6 months of award Annually
3.	Section C.3.1, Records Management, 36 CFR Chapter 12	Records Disposition Plan: The Records Disposition Plan shall document the contractor's disposition process which shall include processing records to storage (e.g., on-site, commercial and/or the Federal Records Center) and the destruction process for records/information content. The plan shall include steps to be taken and approvals required prior to records disposition. This plan shall be developed and submitted for DOE approval prior to any records disposition activities.	DOE-EMCBC RMFO review; CO Approval	Within 6 months of award
		Document major changes to the Records Management Disposition Process.	CO Approval	Revisions shall be submitted prior to implementation

	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date[1]
4.	Section C.3.1, Records Management; DOE O 243.2	Vital Records Program/Plan: Describes how the contractor will identify records needed for performing essential functions and a plan to protect vital records and the recovery of any records affected by an emergency or disaster. Plan to include list of vital records. Vital Records Update: Annual submittal of any revisions to the vital records listing.	DOE-EMCBC RMFO review; CO Approval	Within 6 months of award Annually
5.	Section C.3.1, Records Management; DEAR 970-5204.3; FAR 52.224-2; DOE O 206.1	Privacy Act List of Systems of Records Updates: The Contractor shall monitor systems as identified and notify the Contracting Officer immediately if there is a change to existing systems or if there is a need for a new system. Annual review and provide written notification annually that the list is accurate and up-to-date.	EMCBC RMFO and DOE Privacy Act Officer review; CO Approval	Annually
6.	Section C.3.1, Records Management	Records Management Contract Close-out Plan: A plan to address how the Contractor plans to close-out records management activities (e.g., final disposition, etc.)	DOE-EMCBC RMFO review; CO Approval	9 months prior to contract expiration
7.	Section C.3.2, Training	Training Program	Approval as required	As required

	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date[1]
8.	Section C.3.4, Safeguards and Security	Site Security Plan	Approval as required	
9.	Section C.3.5, Public Affairs/Community Relations	Updating the Public Participation Plan	Approval as required	As necessary
10.	Section C.3.6, Property Management	GSA Report of Exchange & Sales Transactions (for each fiscal year)	Information	November 1 of each year
11.	Section C.3.6, Property Management	GSA Report of Personal Property Furnished to Non-Federal Activities	Information	November 1 of each year
12.	Section C.3.6, Property Management	Property Information Database System (PIDS) (PIDS is normally open for data input by the first day of October: web address is https://pids.inel.gov/owa_pids/prop_user.get_userid	Information	November 30 of each year
13.	Section C.3.6, Property Management	Ten-Year Site Plan	Approval	Annually
14.	Section C.3.6, Property Management	Site Sustainability Plan	Concurrence	Annually and updates as required
15.	Section C.3.7, Documentation Support, Graphics, Reproduction	Document Production Manual	Information	As required

	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date[1]
16.	Section C.3.8, Project Integration	Establish, Maintain and Use a Project Control Management System	Approval	30 days after contract award
17.	Section C.3.8, Project Integration; DOE O 413.3B	Performance Baseline – prepare, update and maintain as required (technical scope, schedule, budget, WBS definition, dictionary, cost estimates and basis, milestones and quantitative metrics for Moab TAC performance)	Approval	45 days after contract award
18.	Section C.3.8, Project Integration; DOE O 413.3B	Monthly Cost and Schedule Report (Project reporting including cost and schedule variance at a Level 4 WBS with rollup to subproject, status of major milestones and critical technical or programmatic issues)	Information	Monthly. This deliverable shall be distributed to the Office of Environmental Management Office of Project Assessment via email at ContractorsMPR@hq.doe.gov.
19.	Section C.3.8, Project Integration; DOE O 413.3B	Integration Plan		Due 10 day after approval of RAC and TAC baselines.
20.	Section C.3.9, Change Control Administration and Performance Management; DOE O 413.3B	a) Moab UMTRA Project Baseline (technical scope, schedule, budget, WBS definition, dictionary, cost estimates and basis, milestones and quantitative metrics for the overall Moab UMTRA Project performance)	Approval	45 days after award
		b) Moab UMTRA Project Baseline Change Control Administration (includes baseline change control logs to show that changes are within the DOE O 413.3B control threshold)	Information and/or approval	As required
21.	Section C.3.10, Ground Water Interim Action	Annual Ground Water Program Report	Information	Annually

	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date[1]
22.	Section C.3.10, Ground Water Interim Action	Annual Summary Report on the Biota Monitoring and Data Quality Objectives	Information	Annually
23.	Section C.3.10, Ground Water Interim Action	Long-Term Ground Water Action Plan	Approval as required	As required
24.	Section C.3.11, Quality Assurance; DOE O414.1	Quality Assurance Plan	Approval	30 days after contract award Annually review and update as required
25.	Section C.3.12, Environment, Safety and Health Support; DOE O 450.1	Develop and implement a Worker Safety and Health Program	Approval	90 days after contract award Updates as required
26.	Section C.3.13, Vicinity Property Inclusion Surveys	(a) Survey Results Report	Approval	At the completion of each survey performed
		(b) Completion Report for Remediated Vicinity Property	Concurrence	At the completion of a remediated vicinity property
27.	Section G.5, Submission of Vouchers/Invoices	Submission of Invoices	Approval	Monthly
28.	Section I, DEAR 970.5223-1 (as required per DEAR 952.223-71)	Develop an Integrated Safety Management System	Approval	As required

	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date[1]
		Annual ISMS Safety Report	Information	Annually
29.	Section I, DEAR 952.242-70 Technical Direction	Written notification to CO that technical direction is not within scope of work of contract	CO action	As required within 5 working days after receipt
30.	Section I, FAR 52.203-12, Limitation on Payments to Influence Certain Federal Transactions (Oct 2010)	- OMB Standard Form LLL Disclosure of Lobbying Activities after making lobbying contact - Certification and Disclosure from each person or company receiving a subcontract in excess of $100K	Information	- As required - As required
31.	Section I, FAR 52.203-13 Contractor Code of Business Ethics and Conduct (Apr 2010)	Notification to the Government regarding credible evidence of employees involved with fraud, conflict of interests, gratuities, bribery or false claims.	Information	As required: Timely notice to Office of Inspector General and CO
32.	Section I, FAR 52.209-6 Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment (Dec 2010)	Notice of prospective subcontract award with parties debarred, suspended or proposed for debarment.	None	As required prior to award of subcontract
33.	Section I, FAR 52.209-9 Updated of Publicly Available Information Regarding Responsibility Matters (Jan 2011) Alternate I (Jan 2011)	Contractor shall update the information in Federal Awardee Performance and Integrity Information System (FAPIIS) by posted required information in Central Contractor Registration database at http://www.ccr.gov.	None	On a semi-annual basis, throughout the life of the contract.
34.	Section I, FAR 52.215-19 Notification of Ownership Changes (Oct 1997)	Notification of Ownership Changes affecting valuation of accounting assets or other cost changes	None	As required within 30 days of change or date change is certain to occur.

	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date[1]
35.	Section I, FAR 52.215-21 Requirements for Cost or Pricing Data or Information Other Than Cost or Pricing Data – Modifications (Oct 2010)	- Cost or Pricing Data - Certification of current Cost or Pricing Data - Request for exception from submission of Cost or Pricing Data	None	As required.
36.	Section I, FAR 52.215-23 Limitation on Pass-Through Charges (Oct 2009)	Required reporting of performance of work by Contractor or subcontractor. Contractor shall notify Contracting Officer in writing if – (1) Contractor changes amount of subcontract effort after award such that it exceeds 70 percent of total cost of work to be performed under contract, task order, or delivery order. Notification shall identify revised cost of subcontract effort and shall include verification Contractor will provide added value; or (2) Any subcontractor changes amount of lower-tier subcontractor effort after award such that it exceeds 70 percent of total cost of work to be performed under its subcontract. The notification shall identify revised cost of subcontract effort and shall include verification that subcontractor will provide added value as related to work to be performed by lower-tier subcontractor(s).	None	As required.
37.	Section I, FAR 52.216-7 Allowable Cost and Payment (Dec 2002)	Final Indirect Rate Cost Proposal	CO Negotiation	Annual within 6 months after end of fiscal year

	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date[1]
38.	Section I, FAR 52.222-37 Employment Reports on Special Disabled Veterans, Veterans of the Vietnam Era, and other Eligible Veterans (Sep 2010)	Federal Contractor Veterans Employment Report (VETS Form 100)	None	Annually no later than Sept. 30 of each year
39.	Section I, FAR 52.223-6 Drug-Free Workplace (May 2001)	Notification of Employee Conviction under a criminal drug statute for a violation occurring in the workplace	None	As required within 5 days after receipt of such conviction.
40.	Section I, FAR 52.227-2 Notice and Assistance Regarding Patent and Copyright Infringement (Dec 2007)	(a) Report to CO, promptly and in reasonable written detail, each notice or claim of patent or copyright infringement based on performance of contract of which Contractor has knowledge	None	As required
		(b) All evidence and information in Contractor's possession pertaining to such claim or suit	None	As requested by CO
41.	Section I, FAR 52.228-7 Insurance – Liability to Third Persons (Mar 1996)	(a) Requests for Approval of Self-Insurance Programs	Approval	As required
		(b) Requests for Approval of Insurance for reimbursement	Approval	As required
42.	Section I, FAR 52.233-1 Disputes	Claims certification for claims in excess of $100K	For Information	As required
43.	Section I, FAR 52.237-3 Continuity of Services	Phase-In Phase-Out Services Plan	Approval	As required per CO direction
44.	Section I, FAR 52.242-4 Certification of Final Indirect Costs	Certification of Proposal for Final Indirect Costs		Required with all proposals for final indirect cost rates

	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date[1]
45.	Section I, FAR 52.242-13 Bankruptcy	Notification of Bankruptcy	Information	As required
46.	Section I, FAR 52.243-7 Notification of Changes	Notification of change	Action	As required within 10 days after a change
47.	Section I, FAR 52.244-2 Subcontracts	Request for consent to subcontract for certain subcontracts (cost-reimbursement, T&M, labor hour, or fixed price in excess of 5% of contract value) where contractor does not have Approved purchasing system If the Contractor has an Approved purchasing system and consent is not required under paragraph (c) or (d) of this clause, the Contractor nevertheless shall notify the Contracting Officer reasonably in advance of entering into any (i) cost-plus-fixed-fee subcontract, or (ii) fixed-price subcontract that exceeds either the simplified acquisition threshold or 5 percent of the total estimated cost of this contract.	Approval or Notification as appropriate	As required
48.	Section I, FAR 52.245-1 Government Property	(a) Government Property Management System	Approval	Contract Award
		(b) Changes to Government Property Management System	Approval	As required
49.	Section I, FAR 52.248-1 Value Engineering	Value Engineering Change Proposals	Approval	As proposed by Contractor
50.	Section I, DEAR 952.204-2 Security	Notification of changes in Foreign Ownership, Control or Influence	Information	As required – immediately upon change
51.	Section I, DEAR 952.204-75 Public Affairs	(a) Notification of Communications or Contacts with Members of Congress relating to efforts performed under the Contract	Information	As required

	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date[1]
		(b) Notification of activities or situations that may attract national media attention	Information	As required
52.	OMB Circular 123	Federal Managers Financial Integrity Act Report (FMFIA)	Approval	Annually
53.	Section C, Section I Clause, DEAR 970.5223-1 (inclusion required per DEAR 952.223-71)	Integrated Safety Management Systems Program and Plans (H&S, Environmental Safety, Emergency, etc.)	Approval	90 days after contract award
54.	Federal Financial Accounting Standards (SFFAS) No. 6	Deferred Maintenance Disclosure Forms: Reporting of deferred maintenance on personal property.	Approval	Year-end
55.	DOE Financial Statement	Commitments and Leases	Information	Third quarter and year end
56.	Section C.3.10, Ground Water Interim Action	Annual Summary Report on the Crescent Junction Disposal Cell Moisture	Information	Annually
57.	I.108 FAR 52.204-14 Service Contract Reporting Requirements	Service Contract Reporting Requirements	DOE Information	Annually by October 31

Summary of Contract Deliverables does not include all required deliverables identified in other applicable sections of the contract, DOE directives, federal regulations, or regulatory documents**.** The contractor shall be responsible for the compliance with all applicable standards, orders and regulations under the contract.

Section J, Attachment 2 Training Requirements

Category	Course #	Course Description	DOE	CBT/Class	Renewal Reqmt
Equipment Specific Operators Training	EQ #s	ALL OPERATORS, INDIVIDUALLY, ARE TRAINED ON EACH PIECE OF EQUIPMENT			
Environmental Sciences Lab:		NOT REQUIRED FOR THIS SITE			
Hazardous Materials:	HM100	DOT HAZ. MAT. TRANS. GEN. AWARENES		Class	Cert/3yrs
	HM115	DOT HAZARDOUS MATERIALS DRIVER		Class	Cert/3yrs
	HM116	HAZ MAT TRANS SECURITY AWARENESS		Class	Cert/3yrs
	HM117	DOT DRIVER TRAINING FOR CDL DRIVERS		Class	Cert/3yrs
	HM118	DOT SPECIAL PERMIT TRAINING		Class	Cert/3yrs
	HM119	DOT SECURITY PLAN TRAINING		Class	Cert/3yrs
Information Technology:	IT100	COMPUTER SECURITY AWARENESS TRNG	DOE	CBT	Annual renew
	IT101	WIRELESS AND GREEN NETWORK ACCESS		FORM	
Enviromental:	EC100	ENVIRONMENTAL MANAGEMENT SYSTEMS	DOE	CBT	
Records Management & Office Support:	RM103	RECORDS MANAGEMENT MANAGERS OVERVIEW			
Industrial Hygiene Monitoring:	IH100	NOISE MONITORING JPM			
	IH101	MULTIGAS DETECTOR JPM		Practice	
	IH200	INTRODUCTION TO INDUSTRIAL HYGIENE TRAINING			
Medical:	ER106	NATIONAL INCIDENT MANAGEMENT SYSTEM (NIMS) EMERGENCY RESPONSE TRAINING		CBT	
	HS414	BLOODBORNE PATHOGENS		CLASS/TEST	Annual renew
	MD308	FIRST AID/CPR/AED - AMERICAN HEART ASSOCIATION TRAINING		CLASS/TEST	Cert 2 yr
Health & Safety:	ER100	EMERGENCY RESPONSE TRAINING GJ		CBT	Annual renew
	ER101	MOAB CJ EMERGENCY RESPONSE		CBT	Annual renew
	ES001	ELECTRICAL SAFETY AWARENESS TRNG		CLASS	
	ES002	CIRCUIT BREAKER TRAINING		CLASS	

Category	Course #	Course Description	DOE	CBT/Class	Renewal Reqmt
	ES003	NFPA 70E ELECTRICAL SAFETY TRAINING		CLASS	
	HS100	INTEGRATED SAFETY MANAGEMENT	DOE	CBT	
	HS101	10 CFR 851 TRAINING	DOE	CBT	
	HS102	HAZARD COMMUNICATION			
	HS120	FIELD SOURCE CUSTODIAN			
	HS150	SITE SAFETY SUPERVISOR TRAINING			
	HS151	SITE SAFETY SUPERVISOR REFRESHER			
	HS161	DEFENSIVE DRIVING TRAINING		CBT/TEST	
	HS210	ON-THE-JOB (OJT) INSTRUCTOR TRNG.			
	HS221	MOAB 3-DAY ON THE JOB TRAINING		FORM	
	HS230	LEAD AWARENESS			
	HS260	LID/DE-LID OVERHEAD GANTRY CRANE NON-OPERATOR SAFETY TRAINING		CLASS/TEST	Annual renew
	HS304	PORTABLE FIRE EXTINGUISHERS		CLASS/TEST	
	HS318	LOCKOUT/TAGOUT PROCEDURES		CLASS	Annual renew
	HS322	COMPRESSED GAS CYLINDER TRAINING			
	HS324	CONFINED SPACE ENTRY		CLASS	Cert/one time
	HS350	RESPIRATOR WEARER TRAINING		CLASS/	Cert 1 yr
	HS370	ASBESTOS AWARENESS TRAINING			
	HS420	USE AND INSP. OF PORTABLE LADDERS			
	HS431	FALL PROTECTION TRAINING			
	HW101	HAZARDOUS WASTE SITE (24 HR) INITIAL		CLASS/TEST	Annual renew
	HW102R	8-HR. HAZARDOUS WASTE SITE REFRESH.		CLASS/TEST	Annual renew
	OR001	OCCURRENCE REPORTING-MGRS/SPVS		CBT	
	OR002	OCCURRENCE REPORTING GEN AWARENESS		CBT	Annual renew
	RP100	RADIOLOGICAL AWARENESS TRAINING		CBT	Cert 2 yr
	RP101	GERT		CBT/TEST	Cert 2 yr
	RP102	RADIOLOGICAL WORKER II TRAINING		CLASS/TEST	
	RP102R	RW II RETRAIN/CHALLENGE/DRESSOUT		CBT/TEST	
RAP Team:		NOT REQUIRED FOR THIS SITE			
RCT:		NOT INCLUDED IN TAC'S TRAINING			
Site Entry Training:	SB100	MOAB UMTRA PRE-ENTRY SITE BRIEF			

Category	Course #	Course Description	DOE	CBT/Class	Renewal Reqmt
Security Training:	PI100	PRIVACY (DOE) INFORMATION AWARENES TRAINING	DOE	CBT	Annual Renew
	PP100	GOVERNMENT PROPERTY AND VEHICLE TRAINING		CBT	Annual Renew
	QA10T	SUSPECT (TAC) COUNTERFEIT ITEMS AWARENESS TRAINING		CBT	Annual Renew
	SC100	SECURITY AWARENESS BRIEF	DOE	CBT	Annual Renew
	SC101	COUNTERINTELLIGENCE AWARENESS	DOE	CBT	Annual Renew
Environmental Sampling:		NOT REQUIRED FOR THIS SITE			
Field Services:		COURSES FS100 THRU FS122			

Identifier	Status Code	Official Name	Manufacturer	Model Number Name	Flag	Serial Number/ Dell Service Tag Number/VIN	Other Identifier	Asset Value	Acquisition Date	RAC/ TAC/ DOE	Custodian	Condition Code	Disposition Code	Site
222	A	Projector	Epson	H285A	S	L6PF920282L		$863.99	1/1/2007	TAC	R. Hopping	4		Moab, UT
6016540	A	Locomotive	Baldwin-Lima Hamilton	9090152	E	61205		$200,000.00	1/1/1954	RAC	K. Briscoe	4		Potash, UT
6016542	A	Locomotive	Baldwin-Lima Hamilton	RS-4-TC-1A	E	61213		$156,876.00	1/1/1994	RAC	K. Briscoe	4		Potash, UT
C2843	A	Bulldozer	Caterpiller	D-6	E	9U7658		$11,359.00	4/19/1990	RAC	K. Briscoe	7		Moab, UT
C3020	A	Germanium Detector	Ortec	1230210S	E	21-P685		$22,202.00	5/10/1990	TAC	R. Hopping	4		Moab, UT
C4600	A	Spectroscopy System, No	EG&G	92X-P	E	217		$8,368.00	9/7/1993	TAC	R. Hopping	4		Moab, UT
C4604	A	Detector	EG&G	GEM30195-P	S	TP-10941B		$15,339.00	9/21/1993	TAC	R. Hopping	4		Moab, UT
M01000	A	Switch	Dell	PowerConnect 5324	S	FLS3SB1	N/A	$568.00	7/3/2007	TAC	A. Kenney	1		Grand Junction, CO
M01001	A	Switch	Dell	PowerConnect 3448	S	GTD6SB1	N/A	$365.50	7/3/2007	TAC	A. Kenney	1		Grand Junction, CO
M01002	A	Computer	Dell	OptiPlex 745	S	9YKR5D1	21681749989	$837.00	7/3/2007	DOE	B. Wethington	1		Grand Junction, CO
M01003	A	Tape Backup	Dell	PowerVault 124T	S	GL77Z91	N/A	$4,292.00	7/3/2007	TAC	A. Kenney	1		Grand Junction, CO
M01004	A	File Server	Dell	PE2950	S	F2155B1	32775660325	$4,457.00	7/3/2007	TAC	A. Kenney	1		Grand Junction, CO
M01005	A	Domain Controller	Dell	PE1950	S	8F0R5D1	18322517989	$3,826.00	7/3/2007	TAC	A. Kenney	1		Grand Junction, CO
M01006	A	Domain Controller	Dell	PE1950	S	6F0R5D1	13968953317	$3,826.00	7/3/2007	TAC	A. Kenney	1		Grand Junction, CO
M01007	A	Server Rack	Dell	4210	S	HC686D1	N/A	$5,594.35	7/3/2007	TAC	A. Kenney	1		Grand Junction, CO
M01008	A	Server, Exchange	Dell	PE2950	S	BG4T5D1	24920142949	$5,057.00	7/3/2007	TAC	A. Kenney	1		Grand Junction, CO
M01009	A	Firewall	Cisco	PIX 515E	S	JM907231614	N/A	$3,263.15	7/3/2007	TAC	R. Ryan	1		Grand Junction, CO
M01010	A	Switch	Dell	PowerConnect 3448	S	6HD6SB1	N/A	$365.50	7/3/2007	TAC	A. Kenney	1		Grand Junction, CO
M01011	A	Computer	Dell	OptiPlex 745	S	FZKR5D1	34802910181	$837.00	7/3/2007	TAC	P. Robinson	1		Grand Junction, CO
M01012	A	Computer	Dell	OptiPlex 745	S	FYKR5D1	34742444005	$837.00	7/3/2007	DOE	K. Bevan	1		Grand Junction, CO
M01013	A	Computer	Dell	OptiPlex 745	S	4YKR5D1	10797838309	$837.00	7/3/2007	TAC	L. Tatman	1		Grand Junction, CO
M01014	A	Computer	Dell	OptiPlex 745	S	7ZKR5D1	17388651493	$837.00	7/3/2007	RAC	C. Ekker	1		Crescent Junction, UT
M01015	A	Computer	Dell	OptiPlex 745	S	FXKR5D1	34681977829	$837.00	7/3/2007	RAC	K. Smith	1		Moab, UT
M01016	A	Computer	Dell	OptiPlex 745	S	5YKR5D1	12974620645	$837.00	7/3/2007	TAC	C. Smith	1		Grand Junction, CO
M01017	A	Computer	Dell	OptiPlex 745	S	6YKR5D1	15151402981	$837.00	7/3/2007	RAC	K. Schafer	1		Crescent Junction, UT
M01018	A	Computer	Dell	OptiPlex 745	S	1YKR5D1	4267491301	$837.00	7/3/2007	TAC	W. Ryan	1		Grand Junction, CO
M01020	A	Computer	Dell	OptiPlex 745	S	4ZKR5D1	10858304485	$837.00	7/3/2007	TAC	T. Stromire	1		Grand Junction, CO
M01021	A	Computer	Dell	OptiPlex 745	S	JXKR5D1	43389107173	$837.00	7/3/2007	RAC	B. Bosh	1		Crescent Junction, UT
M01022	A	Computer	Dell	OptiPlex 745	S	9ZKR5D1	21742216165	$837.00	7/3/2007	TAC	P. Wilson	1		Grand Junction, CO
M01023	A	Computer	Dell	OptiPlex 745	S	CXKR5D1	28151630821	$837.00	7/3/2007	TAC	K. Pill	1		Grand Junction, CO
M01024	A	Computer	Dell	OptiPlex 745	S	1ZKR5D1	4327957477	$837.00	7/3/2007	TAC	L. Stieferman	1		Grand Junction, CO
M01025	A	Computer	Dell	OptiPlex 745	S	CYKR5D1	28212096997	$837.00	7/3/2007	DOE	D. Metzler	1		Grand Junction, CO
M01026	A	Phone Switch	Siemens	Hicom 300E 30EX	S	84289	N/A	$15,300.00	3/6/2006	TAC	R. Ryan	4		Grand Junction, CO
M01027	A	Computer	Dell	OptiPlex 745	S	1YM5BD1	4269831877	$837.00	7/20/2007	RAC	E. Baker	1		Grand Junction, CO
M01028	A	Computer	Dell	OptiPlex 745	S	G6Q9BD1	35235419077	$863.00	7/20/2007	RAC	R. Daily	1		Moab, UT
M01029	A	Computer	Dell	OptiPlex 745	S	17Q9BD1	2644150213	$863.00	7/20/2007	TAC	J. Ritchey	1		Grand Junction, CO
M01030	A	Computer	Dell	OptiPlex 745	S	86Q9BD1	17821160389	$863.00	7/20/2007	TAC	A. Kenney	1		Grand Junction, CO
M01031	A	Computer	Dell	OptiPlex 745	S	86Q9BD1	24351507397	$863.00	7/20/2007	RAC	R. Daily	1		Moab, UT
M01032	A	Computer	Dell	OptiPlex 745	S	3YM5BD1	8623396549	$837.00	7/20/2007	TAC	M. Mullis	1		Grand Junction, CO
M01033	A	Computer	Dell	OptiPlex 745	S	6YM5BD1	15153743557	$837.00	7/20/2007	DOE	B. Wethington	1		Moab, UT
M01034	A	Computer	Dell	OptiPlex 745	S	5YM5BD1	12976961221	$837.00	7/20/2007	TAC	C. Banghart	1		Grand Junction, CO
M01035	A	Computer	Dell	OptiPlex 745	S	FXM5BD1	34684318405	$837.00	7/20/2007	TAC	M. Shaffer	1		Grand Junction, CO
M01036	A	Server, Application 1	Dell	PE2950	S	5G96FD1	11866786885	$5,157.00	8/3/2007	TAC	A. Kenney	1		Grand Junction, CO
M01037	A	Server, Application 2	Dell	PE2950	S	4G96FD1	9690004549	$5,157.00	8/3/2007	TAC	A. Kenney	1		Moab, UT
M01038	A	Server, Edge Transport	Dell	PE2950	S	23S0HD1	4582014949	$3,657.00	9/27/2007	TAC	A. Kenney	1		Grand Junction, CO
M01039	A	Computer	Dell	OptiPlex 745	S	DDZ6JD1	29143322245	$1,583.87	8/31/2007	DOE	J. Berwick	1		Crescent Junction, UT
M01040	A	Computer	Dell	OptiPlex 745	S	GDZ6JD1	35673669253	$1,583.87	8/31/2007	DOE	A. Murphy	1		Moab, UT
M01041	A	Computer	Dell	OptiPlex 745	S	CDZ6JD1	26966539909	$1,583.87	8/31/2007	DOE	K. Wethington	1		Crescent Junction, UT
M01042	A	Computer	Dell	OptiPlex 745	S	FDZ6JD1	33496886917	$1,583.87	9/13/2007	RAC	B. Anderson	1		Crescent Junction, UT
M01043	A	Server Rack	Dell	4210	S	CLHSV91	N/A	$6,523.06	8/17/2007	TAC	A. Kenney	1		Grand Junction, CO
M01044	A	Computer	Dell	OptiPlex 745	S	5P5WND1	12405487429	$835.00	9/13/2007	TAC	T. Cox	1		Moab, UT
M01045	A	Computer	Dell	OptiPlex 745	S	8N5WND1	18814902085	$835.00	9/13/2007	RAC	E. Baker	1		Moab, UT

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M01046	A	Computer	Dell	OptiPlex 745	S	3P5WND1	8051922757	$835.00	9/13/2007	RAC	R. Daily	1		Moab, UT
M01047	A	Computer	Dell	OptiPlex 745	S	1P5WND1	3698358085	$835.00	9/13/2007	DOE	B. Wethington	1		Moab, UT
M01048	A	Computer	Dell	OptiPlex 745	S	5N5WND1	12284555077	$835.00	9/13/2007	RAC	A. Murphy	1		Crescent Junction, UT
M01049	A	Computer	Dell	OptiPlex 745	S	JM5WND1	42699041605	$835.00	9/13/2007	TAC	D. Allen	1		Moab, UT
M01050	A	Computer	Dell	OptiPlex 745	S	HN5WND1	38405943109	$835.00	9/13/2007	DOE	K. Wethington	1		Moab, UT
M01051	A	Computer	Dell	OptiPlex 745	S	FN5WND1	34052378437	$835.00	9/13/2007	TAC	S. Williams	1		Grand Junction, CO
M01052	A	Computer	Dell	OptiPlex 745	S	DM5WND1	29638347589	$835.00	9/13/2007	RAC	F. Smith	4		Crescent Junction, UT
M01053	A	Computer	Dell	OptiPlex 745	S	7P5WND1	16759052101	$835.00	9/13/2007	TAC	T. Bachtell	1		Grand Junction, CO
M01058	A	Switch	Dell	PowerConnect 5324	S	1BYCS81	N/A	$689.00	10/15/2007	TAC	A. Kenney	1		Grand Junction, CO
M01059	A	Truck	Dodge	1988 Ram 2500	E	1B7HW24XXJS729562	E71378	$2,000.00	1/1/1988	RAC	B. Anderson	4		Crescent Junction, UT
M01062	A	Vehicle	Chevrolet	1990 Blazer 1500	E	1GNEV18KXMF139890	E71566	$2,500.00	1/1/1990	RAC	K. Briscoe	4		Moab, UT
M01066	A	Radon Detector	Durridge	RAD7	E	2116		$5,865.00	2/19/2008	RAC	A. Smith	1		Moab, UT
M01067	A	Radon Detector	Durridge	RAD7	E	2119		$5,865.00	2/19/2008	RAC	A. Smith	1		Moab, UT
M01068	A	Radon Detector	Durridge	RAD7	E	2110		$5,865.00	2/19/2008	RAC	A. Smith	1		Crescent Junction, UT
M01069	A	Radon Detector	Durridge	RAD7	E	2117		$5,865.00	2/19/2008	RAC	A. Smith	1		Moab, UT
M01070	A	Radon Detector	Durridge	RAD7	E	2118		$5,865.00	2/19/2008	RAC	A. Smith	1		Crescent Junction, UT
M01071	A	Radon Detector	Durridge	RAD7	E	2109		$5,865.00	2/19/2008	RAC	A. Smith	1		Moab, UT
M01077	A	Counter, Alpha/Beta	Canberra	SOLO300G	E	02084926		$15,000.00	3/11/2008	RAC	A. Smith	1		Moab, UT
M01078	A	Meter	Pylon	6204610	E	188		$17,035.00	6/10/2008	RAC	A. Smith	1		Moab, UT
M01079	A	Meter	Pylon	6204610	E	189		$17,035.00	6/10/2008	RAC	A. Smith	1		Moab, UT
M01080	A	Computer	Dell	OptiPlex 755	S	2GJTDG1	5354306641	$1,046.00	6/5/2008	TAC	W. Wernlund	1		Grand Junction, CO
M01081	A	Computer	Dell	OptiPlex 755	S	5GJTDG1	11884653649	$1,046.00	6/5/2008	TAC	L. Glowiak	1		Moab, UT
M01082	A	Computer	Dell	OptiPlex 755	S	6GJTDG1	14061435985	$1,046.00	6/5/2008	TAC	K. Bevan	1		Grand Junction, CO
M01083	A	Computer	Dell	OptiPlex 755	S	9FJTDG1	20531316817	$1,046.00	6/5/2008	RAC	K. Lott	1		Moab, UT
M01084	A	Computer	Dell	OptiPlex 755	S	HFJTDG1	37945575505	$1,046.00	6/5/2008	TAC	E. Colunga	1		Moab, UT
M01085	A	Computer	Dell	OptiPlex 755	S	98LTDG1	20111412817	$1,046.00	6/5/2008	TAC	R. Hopping	1		Moab, UT
M01086	A	Computer	Dell	OptiPlex 755	S	8GJTDG1	18415000657	$1,046.00	6/5/2008	TAC	James Ritchey	1		Moab, UT
M01087	A	Computer	Dell	OptiPlex 755	S	CFJTDG1	27061663825	$1,046.00	6/5/2008	RAC	C. Niemeyer	1		Grand Junction, CO
M01088	A	Computer	Dell	OptiPlex 755	S	3GJTDG1	7531088977	$1,046.00	6/5/2008	TAC	A. Kenney	1		Grand Junction, CO
M01089	A	Computer	Dell	OptiPlex 755	S	JPJTDG1	42299140177	$1,046.00	6/5/2008	DOE	J. Berwick	1		Moab, UT
M01090	A	Air Monitoring Station	Thermo Electron	GUV-16H	E	4205		$6,000.00	9/6/2005	RAC	E. Baker	1		Moab, UT
M01091	A	Air Monitoring Station	Thermo Electron	GUV-16H	E	4198		$6,000.00	9/6/2005	RAC	E. Baker	1		Moab, UT
M01093	A	Computer	Dell	OptiPlex 755	S	2NDTOG1	5767509025	$1,046.00	7/7/2008	RAC	K. Briscoe	1		Moab, UT
M01094	A	Computer	Dell	OptiPlex 755	S	4DDTOG1	10121073697	$1,046.00	7/7/2008	TAC	R. Hopping	1		Moab, UT
M01095	A	Computer	Dell	OptiPlex 755	S	4PDTOG1	10242006049	$1,046.00	7/7/2008	RAC	B. Anderson	1		Crescent Junction, UT
M01096	A	Computer	Dell	OptiPlex 755	S	FNDTOG1	34065679393	$1,046.00	7/7/2008	RAC	S. Goodspeed	1		Crescent Junction, UT
M01097	A	Computer	Dell	OptiPlex 755	S	9NDTOG1	21004985377	$1,046.00	7/7/2008	RAC	S. Goodspeed	1		Moab, UT
M01098	A	Computer	Dell	OptiPlex 755	S	GMDTOG1	36181995553	$1,046.00	7/7/2008	RAC	C. Drum	1		Moab, UT
M01099	A	Computer	Dell	OptiPlex 755	S	6NDTOG1	14474638369	$1,046.00	7/7/2008	RAC	K. Schafer	1		Crescent Junction, UT
M01100	A	Computer	Dell	OptiPlex 755	S	BPDTOG1	25479482401	$1,046.00	7/7/2008	RAC	L. Brede	1		Grand Junction, CO
M01101	A	Computer	Dell	OptiPlex 755	S	FPDTOG1	34186611745	$1,046.00	7/7/2008	RAC	K. Brey	1		Moab, UT
M01102	A	Computer	Dell	OptiPlex 755	S	2PDTOG1	5888441377	$1,046.00	7/7/2008	RAC	C. Ekker	1		Crescent Junction, UT
M01103	A	Computer	Dell	OptiPlex 755	S	8PDTOG1	18949135393	$1,046.00	7/7/2008	RAC	G. Church	1		Moab, UT
M01104	A	Computer	Dell	OptiPlex 755	S	CPDTOG1	27656264737	$1,046.00	7/7/2008	RAC	K. Finley	1		Moab, UT
M01105	A	Computer	Dell	OptiPlex 755	S	HNDTOG1	38419244065	$1,046.00	7/7/2008	RAC	B. Bosh	1		Crescent Junction, UT
M01106	A	Computer	Dell	OptiPlex 755	S	CNDTOG1	27535332385	$1,046.00	7/7/2008	RAC	R. Daily	1		Moab, UT
M01107	A	Computer	Dell	OptiPlex 755	S	6PDTOG1	14595570721	$1,046.00	7/7/2008	RAC	R. Geary	1		Moab, UT
M01108	A	Radio Repeater	Midland	91-1110B	E	231800021	FCC#MMA911110B	$8,907.81	9/1/2008	TAC	R. Ryan	1		Bald Mesa, UT
M01109	A	Server, FTP	Dell	E3110	S	DXHTCH1	30323476837	$2,399.00	8/29/2008	TAC	A. Kenney	1		Grand Junction, CO
M01110	A	Laptop Computer	Dell	Latitude D630	S	9L437H1	20867698837	$943.00	9/3/2008	RAC	K. Pearson	1		Moab, UT
M01111	A	Phone System	Inter-Tel	5000	E	1LH000827364	SSL0165021	$11,995.00	8/7/2008	TAC	R. Ryan	1		Crescent Junction, UT
M01112	A	Server	Dell	PE2950	S	9Q2ZGH1	21168175141	$7,615.99	9/23/2008	TAC	A. Kenney	1		Grand Junction, CO

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M01113	A	Power Washer	Landa	HHW 4/4000	E	11100450-100259	109FS12231U021626	$10,360.00	10/7/2008	RAC	K. Briscoe	1		Moab, UT
M01114	A	Power Washer	Landa	HHW 4/4000	E	11100470-100036		$10,360.00	10/14/2008	RAC	F. Smith	1		Crescent Junction, UT
M01117	A	Meter	Pylon	6204610	E	190		$17,035.00	11/13/2008	RAC	A. Smith	1		Moab, UT
M01118	A	Meter	Pylon	6204610	E	191		$17,035.00	11/13/2008	RAC	A. Smith	1		Moab, UT
M01119	A	Container Rack	Pacific Central Steel	NMN	E	NSN		$13,275.00	3/1/2009	RAC	K. Briscoe	1		Moab, UT
M01120	A	Container Rack	Pacific Central Steel	NMN	E	NSN		$13,275.00	3/1/2009	RAC	K. Briscoe	1		Moab, UT
M01121	A	Container Rack	Pacific Central Steel	NMN	E	NSN		$13,275.00	3/1/2009	RAC	K. Briscoe	1		Moab, UT
M01122	A	Container Rack	Pacific Central Steel	NMN	E	NSN		$13,275.00	3/1/2009	RAC	K. Briscoe	1		Moab, UT
M01123	A	Container Rack	Pacific Central Steel	NMN	E	NSN		$13,275.00	3/1/2009	RAC	K. Briscoe	1		Moab, UT
M01124	A	Container Rack	Pacific Central Steel	NMN	E	NSN		$13,275.00	3/1/2009	RAC	K. Briscoe	1		Moab, UT
M01125	A	Container Rack	Pacific Central Steel	NMN	E	NSN		$13,275.00	3/1/2009	RAC	K. Briscoe	1		Moab, UT
M01126	A	Container Rack	Pacific Central Steel	NMN	E	NSN		$13,275.00	3/1/2009	RAC	K. Briscoe	1		Moab, UT
M01128	A	Server	Dell	R710	S	9RRH6K1		$9,997.00	6/4/2009	TAC	A. Kenney	1		Grand Junction, CO
M01129	A	Server	Dell	PE2950	S	DKX3VH1	29563101973	$9,489.00	12/16/2008	TAC	A. Kenney	1		Crescent Junction, UT
M01130	A	Computer	Dell	OptiPlex 760	S	J6NCNK1	41760883009	$829.00	8/3/2009	RAC	T. Unrein	1		Moab, UT
M01131	A	Computer	Dell	OptiPlex 760	S	H7NCNK1	37467784513	$829.00	8/3/2009	TAC	A. Kenney	1		Grand Junction, CO
M01132	A	Computer	Dell	OptiPlex 760	S	96NCNK1	19993059649	$829.00	8/3/2009	RAC	C. Ekker	1		Crescent Junction, UT
M01133	A	Computer	Dell	OptiPlex 760	S	45NCNK1	9048681793	$829.00	8/3/2009	RAC	S. Shoemaker	1		Moab, UT
M01134	A	Computer	Dell	OptiPlex 760	S	25NCNK1	4695117121	$829.00	8/3/2009	RAC	R. Tsosie	1		Crescent Junction, UT
M01135	A	Computer	Dell	OptiPlex 760	S	F6NCNK1	33053753665	$829.00	8/3/2009	RAC	K. Gordon	1		Moab, UT
M01136	A	Computer	Dell	OptiPlex 760	S	59NCNK1	11467328833	$829.00	8/3/2009	TAC	M. Udovitsch	1		Moab, UT
M01137	A	Computer	Dell	OptiPlex 760	S	77NCNK1	15699961153	$829.00	8/3/2009	TAC	D. Allen	1		Grand Junction, CO
M01138	A	Computer	Dell	OptiPlex 760	S	C9NCNK1	26704805185	$829.00	8/3/2009	TAC	D. Cooper	1		Grand Junction, CO
M01139	A	Computer	Dell	OptiPlex 760	S	G9NCNK1	35411934529	$829.00	8/3/2009	RAC	K. Briscoe	1		Moab, UT
M01140	A	Computer	Dell	OptiPlex 760	S	69NCNK1	13644111169	$829.00	8/3/2009	RAC	A. Smith	1		Crescent Junction, UT
M01141	A	Computer	Dell	OptiPlex 760	S	49NCNK1	9290546497	$829.00	8/3/2009	RAC	M. Brewer	1		Moab, UT
M01142	A	Computer	Dell	OptiPlex 760	S	3BNCNK1	7234696513	$829.00	8/3/2009	RAC	A. Smith	1		Moab, UT
M01143	A	Computer	Dell	OptiPlex 760	S	79NCNK1	15820893505	$829.00	8/3/2009	RAC	K. Pearson	1		Moab, UT
M01144	A	Computer	Dell	OptiPlex 760	S	89NCNK1	17997675841	$829.00	8/3/2009	TAC	A. Kenney	1		Grand Junction, CO
M01145	A	Computer	Dell	OptiPlex 760	S	J9NCNK1	41942281537	$829.00	8/3/2009	TAC	S. Klepzig	1		Grand Junction, CO
M01146	A	Computer	Dell	OptiPlex 760	S	29NCNK1	4936981825	$829.00	8/3/2009	TAC	R. Hopping	1		Moab, UT
M01147	A	Computer	Dell	OptiPlex 760	S	B9NCNK1	24528022849	$829.00	8/3/2009	RAC	L. Brede	1		Moab, UT
M01148	A	Computer	Dell	OptiPlex 760	S	F8NCNK1	33174686017	$829.00	8/3/2009	RAC	G. McKinnon	1		Moab, UT
M01149	A	Computer	Dell	OptiPlex 760	S	18NCNK1	2699733313	$829.00	8/3/2009	RAC	L. Whitcomb	1		Moab, UT
M01150	A	Computer	Dell	OptiPlex 760	S	J8NCNK1	15760427329	$829.00	8/3/2009	TAC	R. Hopping	1		Moab, UT
M01151	A	Computer	Dell	OptiPlex 760	S	68NCNK1	13583644993	$829.00	8/3/2009	RAC	R. Daily	1		Moab, UT
M01152	A	Computer	Dell	OptiPlex 760	S	B8NCNK1	24467556673	$829.00	8/3/2009	RAC	K. Schafer	4		Crescent Junction, UT
M01153	A	Computer	Dell	OptiPlex 760	S	C8NCNK1	26644339009	$829.00	8/3/2009	RAC	C. Niemeyer	1		Grand Junction, CO
M01154	A	Computer	Dell	OptiPlex 760	S	J8NCNK1	41881815361	$829.00	8/3/2009	DOE	J. Berwick	1		Moab, UT
M01155	A	Computer	Dell	OptiPlex 760	S	G6NCNK1	35230536001	$829.00	8/3/2009	RAC	G. McKinnon	1		Moab, UT
M01156	A	Computer	Dell	OptiPlex 760	S	28NCNK1	4876515649	$829.00	8/3/2009	RAC	S. Morse	1		Moab, UT
M01157	A	Computer	Dell	OptiPlex 760	S	G8NCNK1	35351468353	$829.00	8/3/2009	TAC	R. Ryan	4		Crescent Junction, UT
M01158	A	Computer	Dell	OptiPlex 760	S	39NCNK1	7113764161	$829.00	8/3/2009	RAC	K. Turvy	4		Moab, UT
M01159	A	Computer	Dell	OptiPlex 760	S	B6NCNK1	24346624321	$829.00	8/3/2009	RAC	K. Briscoe	4		Moab, UT
M01160	A	Computer	Dell	OptiPlex 760	S	J4NCNK1	41639950657	$829.00	8/3/2009	RAC	G. McKinnon	4		Moab, UT

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M01161	A	Computer	Dell	OptiPlex 760	S	F4NCNK1	32932821313	$829.00	8/3/2009	RAC	J. Syra	1		Moab, UT
M01162	A	Computer	Dell	OptiPlex 760	S	D8NCNK1	28821121345	$829.00	8/3/2009	RAC	R. Daily	1		Moab, UT
M01163	A	Computer	Dell	OptiPlex 760	S	C7NCNK1	26583872833	$829.00	8/3/2009	RAC	L. Partridge	1		Crescent Junction, UT
M01164	A	Computer	Dell	OptiPlex 760	S	19NCNK1	2760199489	$829.00	8/3/2009	RAC	G. McKinnon	1		Moab, UT
M01165	A	Computer	Dell	OptiPlex 760	S	17NCNK1	2639267137	$829.00	8/3/2009	RAC	G. McKee	1		Moab, UT
M01166	A	Computer	Dell	OptiPlex 760	S	47NCNK1	9169614145	$829.00	8/3/2009	TAC	A. Kenney	1		Moab, UT
M01167	A	Computer	Dell	OptiPlex 760	S	F5NCNK1	32993287489	$829.00	8/3/2009	RAC	R. Allred	1		Moab, UT
M01168	A	Computer	Dell	OptiPlex 760	S	D7NCNK1	28760655169	$829.00	8/3/2009	RAC	G. McKinnon	1		Moab, UT
M01169	A	Computer	Dell	OptiPlex 760	S	98NCNK1	20113992001	$829.00	8/3/2009	RAC	A. Ward	1		Moab, UT
M01170	A	Computer	Dell	OptiPlex 760	S	G7NCNK1	35291002177	$829.00	8/3/2009	RAC	T. McFarland	1		Crescent Junction, UT
M01171	A	Computer	Dell	OptiPlex 760	S	87NCNK1	17876743489	$829.00	8/3/2009	RAC	G. McKinnon	4		Moab, UT
M01172	A	Computer	Dell	OptiPlex 760	S	65NCNK1	13402246465	$829.00	8/3/2009	RAC	R. Daily	1		Moab, UT
M01173	A	Computer	Dell	OptiPlex 760	S	H8NCNK1	37528250689	$829.00	8/3/2009	RAC	H. Worthington	1		Moab, UT
M01174	A	Computer	Dell	OptiPlex 760	S	85NCNK1	17755811137	$829.00	8/3/2009	RAC	R. Nielson	1		Crescent Junction, UT
M01175	A	Computer	Dell	OptiPlex 760	S	97NCNK1	20053525825	$829.00	8/3/2009	RAC	T. Madden	1		Moab, UT
M01176	A	Computer	Dell	OptiPlex 760	S	48NCNK1	9230080321	$829.00	8/3/2009	RAC	H. White	1		Moab, UT
M01177	A	Computer	Dell	OptiPlex 760	S	57NCNK1	11346396481	$829.00	8/3/2009	RAC	B. Bosh	1		Crescent Junction, UT
M01178	A	Computer	Dell	OptiPlex 760	S	45NCNK1	37346852161	$829.00	8/3/2009	TAC	A. Kenney	1		Grand Junction, CO
M01179	A	Computer	Dell	OptiPlex 760	S	27NCNK1	4816049473	$829.00	8/3/2009	RAC	K. Brey	4		Moab, UT
M01180	A	Computer	Dell	OptiPlex 760	S	66NCNK1	13462712641	$829.00	8/3/2009	RAC	D. Samuel	4		Moab, UT
M01181	A	Computer	Dell	OptiPlex 760	S	26NCNK1	4755583297	$829.00	8/3/2009	RAC	K. Briscoe	1		Moab, UT
M01182	A	Computer	Dell	OptiPlex 760	S	56NCNK1	11285930305	$829.00	8/3/2009	TAC	A. Kenney	1		Grand Junction, CO
M01183	A	Computer	Dell	OptiPlex 760	S	D5NCNK1	28639722817	$829.00	8/3/2009	RAC	T. Davis	1		Moab, UT
M01184	A	Laptop Computer	Dell	Inspiron 1010	S	D3N4MK1	28518415921	$484.00	8/17/2009	TAC	A. Kenney	1		Grand Junction, CO
M01188	A	Vehicle	Ford	Escape	E	1FMCU493X9KD10613	E303613	$25,223.74	8/24/2009	RAC	L. Brede	1		Grand Junction, CO
M01189	A	Laptop Computer	Dell	Latitude E6500	S	36HHTK1	6922528993	$979.00	8/26/2009	TAC	J. Nettleblad	1		Grand Junction, CO
M01190	A	Data Phone	Sprint	PPC-6850	S	270113178315088913	9702010643	$379.97	8/28/2009	TAC	M. Udovitsch	1		Moab, UT
M01191	A	Tractor	John Deere	3720	E	LV3720H522730		$22,000.00	9/10/2009	TAC	R. Hopping	1		Moab, UT
M01192	A	Scintillometer	Delta Epsilon	SC-133	E	107		$5,490.00	9/10/2009	TAC	R. Hopping	1		Moab, UT
M01193	A	Scintillometer	Delta Epsilon	SC-133	E	108		$5,490.00	9/10/2009	TAC	R. Hopping	1		Moab, UT
M01194	A	Scintillometer	Delta Epsilon	SC-133	E	106		$5,490.00	9/10/2009	TAC	R. Hopping	1		Moab, UT
M01195	A	Scintillometer	Delta Epsilon	SC-133	E	109		$5,490.00	9/10/2009	TAC	R. Hopping	1		Moab, UT
M01196	A	Van	Dodge	1992 Ram 350	E	2B5WB35Z2RK17847	E303614	$14,996.16	8/18/1993	RAC	K. Briscoe	4		Moab, UT
M01197	A	Evaporation System	Landshark	LS	E	08ZB0055		$22,400.00	9/24/2009	RAC	R. Hopping	1		Moab, UT
M01198	A	Evaporation System	Landshark	LS	E	08ZB0066		$22,400.00	10/13/2009	RAC	R. Hopping	1		Moab, UT
M01201	A	Compactor	Caterpiller	825H	E	JAZW00213		$405,000.00	10/13/2009	RAC	B. Anderson	4		Crescent Junction, UT
M01202	A	Bulldozer	Komatsu	D275AX-E0	E	30101		$570,000.00	10/27/2009	RAC	B. Anderson	4		Crescent Junction, UT
M01203	A	Generator	Powr Gard	TS50	E	H923908		$17,860.00	1/1/1992	RAC	B. Anderson	4		Crescent Junction, UT
M01204	A	Soil Compactor	Humboldt	H-4169	E	205092202		$6,900.00	11/25/2009	RAC	K. Turvy	1		Moab, UT
M01205	A	Projector	Epson	H311A	S	M4UF991235L		$649.99	12/2/2009	TAC	S. Williams	1		Grand Junction, CO
M01209	A	Weather Station	Campbell Scientific	CR1000	E	21349		$7,307.48	6/9/2009	RAC	E. Baker	1		Crescent Junction, UT
M01210	A	Generator	Marathon Electric	88-21007	E	LM398465		$6,096.00	1/1/1996	TAC	J. Ritchey	4		Moab, UT
M01211	A	Laptop Computer	Panasonic	CF30	S	9GKYA65317	Toughbook	$3,250.00	12/29/2009	RAC	K. Briscoe	1		Moab, UT
M01212	A	Laptop Computer	Panasonic	CF30	S	9FKYA62226	Toughbook	$3,250.00	12/29/2009	RAC	K. Turvy	1		Moab, UT
M01213	A	Computer	Dell	OptiPlex 780	S	CHTTTL1	27199413253	$988.00	1/14/2010	RAC	K. Briscoe	1		Moab, UT
M01214	A	Computer	Dell	OptiPlex 780	S	BGTTTL1	24962164741	$988.00	1/14/2010	RAC	W. Blake	1		Moab, UT

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M01215	A	Computer	Dell	OptiPlex 780	S	4HTTTL1	9785154565	$988.00	1/14/2010	RAC	T. Blake	1		Moab, UT
M01216	A	Computer	Dell	OptiPlex 780	S	9HTTTL1	20669066245	$988.00	1/14/2010	TAC	N. LeBlanc	1		Grand Junction, CO
M01217	A	Computer	Dell	OptiPlex 780	S	DGTTTL1	29315729413	$988.00	1/14/2010	RAC	C. Niemeyer	1		Grand Junction, CO
M01218	A	Computer	Dell	OptiPlex 780	S	JGTTTL1	42376426429	$988.00	1/14/2010	RAC	C. Niemeyer	1		Grand Junction, CO
M01219	A	Computer	Dell	OptiPlex 780	S	FHTTTL1	33729760261	$988.00	1/14/2010	RAC	K. Schafer	1		Crescent Junction, UT
M01220	A	Computer	Dell	OptiPlex 780	S	3JTTTL1	7729304581	$988.00	1/14/2010	RAC	C. Cowan	1		Moab, UT
M01221	A	Computer	Dell	OptiPlex 780	S	HGTTTL1	38022858757	$988.00	1/14/2010	RAC	Y. Carnine	1		Grand Junction, CO
M01222	A	Computer	Dell	OptiPlex 780	S	JHTTTL1	42436889605	$988.00	1/14/2010	RAC	R. Dennis	4		Moab, UT
M01223	A	Computer	Dell	OptiPlex 780	S	DJTTTL1	29497127941	$988.00	1/14/2010	RAC	H. Worthington	1		Crescent Junction, UT
M01224	A	Computer	Dell	OptiPlex 780	S	7HTTTL1	16315501573	$988.00	1/14/2010	RAC	J. Knight	1		Crescent Junction, UT
M01225	A	Computer	Dell	OptiPlex 780	S	9JTTTL1	20789998597	$988.00	1/14/2010	RAC	B. Bosh	1		Crescent Junction, UT
M01226	A	Computer	Dell	OptiPlex 780	S	2HTTTL1	5431589893	$988.00	1/14/2010	TAC	A. Kenney	1		Grand Junction, CO
M01227	A	Computer	Dell	OptiPlex 780	S	2KTTTL1	5612988421	$988.00	1/14/2010	TAC	D. Bell	1		Grand Junction, CO
M01228	A	Computer	Dell	OptiPlex 780	S	CGTTTL1	27138947077	$988.00	1/14/2010	RAC	G. McKinnon	1		Moab, UT
M01229	A	Computer	Dell	OptiPlex 780	S	JJTTTL1	42557821957	$988.00	1/14/2010	TAC	C. Smith	1		Grand Junction, CO
M01230	A	Computer	Dell	OptiPlex 780	S	BJTTTL1	25143565269	$988.00	1/14/2010	RAC	J. Anderson	1		Crescent Junction, UT
M01231	A	Computer	Dell	OptiPlex 780	S	FGTTTL1	33669294085	$988.00	1/14/2010	RAC	C. Johnston	1		Moab, UT
M01232	A	Computer	Dell	OptiPlex 780	S	6JTTTL1	14259651589	$988.00	1/14/2010	TAC	R. Barker	1		Moab, UT
M01233	A	Laptop Computer	Dell	Inspiron 1011	S	3D3G4L1	7322198581	$534.00	1/21/2010	TAC	J. Ritchey	1		Grand Junction, CO
M01238	A	Laptop Computer	Dell	Latitude E6500	S	21004061509	9ND9XL1	$1,100.00	2/19/2010	RAC	Y. Carnine	1		Grand Junction, CO
M01239	A	Laptop Computer	Dell	Latitude E6500	S	29711190853	DND9XL1	$1,100.00	2/19/2010	TAC	D. Cooper	1		Grand Junction, CO
M01240	A	Truck	Jeep	1980 Utility Pickup	E	JOE46YN032877	E303615	$10,267.00	3/3/2010	RAC	K. Briscoe	4		Moab, UT
M01241	A	Truck Ramp	Pacific Central Steel	NMN	E	NSN		$15,385.00	3/12/2010	RAC	B. Anderson	1		Crescent Junction, UT
M01242	A	Truck Ramp	Pacific Central Steel	NMN	E	NSN		$15,385.00	3/12/2010	RAC	B. Anderson	1		Crescent Junction, UT
M01243	A	Personnel Shelter	Pacific Central Steel	NMN	E	NSN		$22,917.00	3/12/2010	RAC	B. Anderson	1		Crescent Junction, UT
M01244	A	Personnel Shelter	Pacific Central Steel	NMN	E	NSN		$22,917.00	3/12/2010	RAC	B. Anderson	1		Crescent Junction, UT
M01245	A	Personnel Shelter	Pacific Central Steel	NMN	E	NSN		$22,917.00	3/12/2010	RAC	B. Anderson	1		Crescent Junction, UT
M01246	A	Construction Camera	EarthCam	DC-09324	E	AAU-CGU4		$5,246.25	2/17/2010	TAC	T. Bachtell	1		Moab, UT
M01247	A	Construction Camera	EarthCam	DC-09229	E	AAQ-GX42		$5,246.25	2/17/2010	TAC	T. Bachtell	1		Crescent Junction, UT
M01249	A	Laptop Computer	Dell	Latitude E6500	S	28293305941	CZX3QL1	$1,191.00	4/5/2010	RAC	E. Baker	1		Grand Junction, CO
M01250	A	Laptop Computer	Dell	Latitude E6500	S	28293399253	CZX5QL1	$1,191.00	4/5/2010	RAC	J. Nettleblad	1		Grand Junction, CO
M01251	A	Laptop Computer	Dell	Latitude E6400	S	16271454421	7H3LQL1	$1,169.00	4/8/2010	TAC	A. Kenney	1		Grand Junction, CO
M01253	A	Gantry Crane	Taylor	RTG10042	E	SF736223		$992,875.00	5/3/2010	RAC	K. Briscoe	1		Moab, UT
M01254	A	Truck Ramp	Pacific Central Steel	NMN	E	NSN		$15,385.00	4/29/2010	RAC	B. Anderson	1		Crescent Junction, UT
M01255	A	Truck Ramp	Pacific Central Steel	NMN	E	NSN		$15,385.00	4/29/2010	RAC	B. Anderson	1		Crescent Junction, UT
M01257	A	Trailer, Water 6200 gal	Bar-bell Fabricating Co.	103-SM	E	4BUEED1B4RB944640	E00037T	$25,950.00	5/17/2010	RAC	K. Briscoe	1		Moab, UT
M01258	A	Vehicle	Ford	Expedition	E	1FMPU16L31LB20767	E303617	$25,595.00	1/1/2001	RAC	K. Briscoe	4		Moab, UT
M01259	A	Vehicle	Chevrolet	Blazer	E	1GNDT13W12K224388	E303616	$18,896.09	1/1/2002	RAC	B. Anderson	4		Crescent Junction, UT
M01260	A	Pump, 4" Trash	Gorman Rupp	PA4A60-4045D	E	PE4045D459393	1323469	$11,058.98	1/1/2009	RAC	K. Briscoe	4		Moab, UT
M01261	A	Server	Dell	PE R710	S	H83HSL1		$5,399.00	6/15/2010	DOE	A. Kenney	1		Crescent Junction, UT
M01262	A	Steam Cleaner Shelters	Pacific Central Steel	NMN	E	NSN		$22,917.00	2/5/2010	RAC	B. Anderson	1		Crescent Junction, UT
M01263	A	Steam Cleaner Shelters	Pacific Central Steel	NMN	E	NSN		$22,917.00	2/5/2010	RAC	B. Anderson	1		Crescent Junction, UT
M01264	A	Steam Cleaner Shelters	Pacific Central Steel	NMN	E	NSN		$22,917.00	2/5/2010	RAC	B. Anderson	1		Crescent Junction, UT
M01265	A	Projector	Epson	EX71 WXGA	S	M57F9Y0382L		$749.99	12/18/2009	RAC	C. Ekker	1		Crescent Junction, UT
M01266	A	Data Phone	Sprint	EVO 4G	S	270113179507124873	9703615770	$199.99	6/29/2010	TAC	R. Ryan	1		Grand Junction, CO
M01267	A	Data Phone	Sprint	EVO 4G	S	270113179508761169	9707786548	$199.99	7/22/2010	RAC	D. Samuel	1		Moab, UT
M01268	A	Data Phone	Sprint	EVO 4G	S	270113179508856622	9705893017	$199.99	8/5/2010	TAC	A. Kenney	1		Grand Junction, CO
M01269	A	Light Tower	Wacker Neuson	LTN6L	E	5923880		$7,552.58	8/31/2010	RAC	K. Briscoe	1		Moab, UT
M01270	A	Light Tower	Wacker Neuson	LTN6L	E	5923879		$7,552.58	8/31/2010	RAC	K. Briscoe	1		Moab, UT
M01271	A	Generator	Wacker	85 KVA	E	5563348		$15,250.00	8/25/2010	TAC	R. Hopping	1		Moab, UT
M01272	A	Data Phone	Sprint	EVO 4G	S	270113179509166224	9707788388	$199.99	9/23/2010	RAC	M. Capitan	1		Moab, UT
M01273	A	Data Phone	Sprint	EVO 4G	S	270113179509166243	9704243846	$199.99	9/23/2010	TAC	R. Hopping	1		Moab, UT

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M01274	A	Generator	Honda	Blackmax BM10700DR	S	CRM2050161	7Kva	$1,750.00	6/4/2010	TAC	R. Hopping	4		Moab, UT
M01275	A	Data Phone	Sprint	EVO 4G	S	270113179910150945	9703617026	$199.99	10/21/2010	RAC	K. Pearson	1		Moab, UT
M01276	A	Data Phone	Sprint	EVO 4G	S	270113179910150855	9707787398	$199.99	10/21/2010	TAC	T. Cox	1		Moab, UT
M01277	A	Data Phone	Sprint	EVO 4G	S	270113179909900998	9707789578	$199.99	10/26/2010	RAC	J. Anderson	1		Crescent Junction, UT
M01278	A	Data Phone	Sprint	EVO 4G	S	270113179909901025	9707786372	$199.99	10/26/2010	RAC	K. Brey	1		Moab, UT
M01279	A	Data Phone	Sprint	EVO 4G	S	270113179914820297	9702017446	$199.99	11/3/2010	RAC	G. McKinnon	1		Moab, UT
M01280	A	Switch	Brocade	Fastiron FWS648G	S	AN10254974		$2,419.00	11/12/2010	TAC	A. Kenney	1		Grand Junction, CO
M01281	A	Switch	Brocade	Fastiron FWS648G	S	AN10254959		$2,419.00	11/12/2010	TAC	A. Kenney	1		Grand Junction, CO
M01282	A	Computer	Dell	Studio XPS 9100	S	27429185053		$1,699.99	11/15/2010	TAC	J. Nettleblad	1		Grand Junction, CO
M01283	A	Computer	Dell	Studio XPS 9100	S	27427645405		$1,699.99	11/15/2010	TAC	R. Ryan	1		Grand Junction, CO
M01284	A	Computer	Dell	Studio XPS 9100	S	27429231709		$1,699.99	11/15/2010	TAC	S. Klepzig	1		Grand Junction, CO
M01285	A	Computer	Dell	Studio XPS 9100	S	27427552093		$1,699.99	11/15/2010	TAC	A. Kenney	1		Grand Junction, CO
M01286	A	Data Phone	Sprint	EVO 4G	S	270113179910754944	9704242226	$199.99	11/16/2010	RAC	H. Worthington	1		Moab, UT
M01287	A	Switch	Brocade	Fastiron FWS624G	S	AN10161344		$1,342.00	11/16/2010	TAC	A. Kenney	1		Grand Junction, CO
M01288	A	Switch	Brocade	Fastiron FWS624G	S	AN10171714		$1,342.00	11/16/2010	TAC	A. Kenney	1		Grand Junction, CO
M01289	A	Data Phone	Sprint	EVO 4G	S	270113179910645152	9702015851	$199.99	12/7/2010	TAC	R. Barker	1		Moab, UT
M01291	A	Data Phone	Sprint	EVO 4G	S	270113179910709196	9705892430	$199.99	12/16/2010	TAC	J. Ritchey	1		Grand Junction, CO
M01293	A	Wireless Data Assitant	Motorola	MC70 EDA	S	10149520801739		$1,645.22	1/10/2011	RAC	H. Worthington	1		Moab, UT
M01294	A	Backhoe	Caterpiller	416	E	59CO8820		$15,000.00	1/1/2002	RAC	B. Anderson	4		Crescent Junction, UT
M01295	A	Vehicle	Chevrolet	Suburban 1993	E	1GNGK26N4PJ349620	E303611	$3,800.00	2/1/2011	RAC	K. Briscoe	4		Moab, UT
M01296	A	Light Tower	Magnum	3080	E	0904434	01-19	$10,080.00	12/21/2010	RAC	B. Anderson	4		Crescent Junction, UT
M01297	A	Light Tower	Magnum	3080	E	0904435	01-18	$10,080.00	12/21/2010	RAC	B. Anderson	4		Crescent Junction, UT
M01298	A	Light Tower	Magnum	3080	E	0900154	01-14	$10,080.00	12/21/2010	RAC	B. Anderson	4		Crescent Junction, UT
M01299	A	Light Tower	Magnum	3080	E	0904433	01-17	$10,080.00	12/21/2010	RAC	B. Anderson	4		Crescent Junction, UT
M01300	A	Light Tower	Magnum	3080	E	0900155	01-15	$10,080.00	12/21/2010	RAC	B. Anderson	4		Crescent Junction, UT
M01301	A	Light Tower	Magnum	3080	E	0900156	01-16	$10,080.00	12/21/2010	RAC	B. Anderson	4		Crescent Junction, UT
M01302	A	Welder	Lincoln	Vantage 400	E	LK500115H		$10,644.54	2/1/2009	RAC	K. Briscoe	4		Moab, UT
M01303	A	Detector, Gamma	Canberra	GC3020	E	9826		$73,991.00	1/28/2011	RAC	R. Daily	1		Moab, UT
M01304	A	Data Phone	Sprint	EVO 4G	S	270113179912985902	9704246582	$199.99	2/25/2011	RAC	D. Campbell	1		Crescent Junction, UT
M01305	A	Data Phone	Sprint	EVO 4G	S	270113179913013718	9704335806	$199.99	3/4/2011	TAC	S. Willliams	1		Grand Junction, CO
M01306	A	Laptop Computer	Dell	Precision M4500	S	DTGXDP1	30080120725	$2,337.06	4/5/2011	TAC	Z. Crouch	1		Grand Junction, CO
M01307	A	Laptop Computer	Dell	Latitude E6510	S	DVJZDP1	30206185237	$1,374.27	4/7/2011	RAC	P. Collins	1		Moab, UT
M01308	A	Laptop Computer	Dell	Latitude E6510	S	DVKOFP1	30206234485	$1,374.27	4/7/2011	TAC	T. Bachtell	1		Grand Junction, CO
M01309	A	Server	Dell	PE R710	S	FRL1BP1		$6,973.03	4/21/2011	TAC	A. Kenney	1		Grand Junction, CO
M01310	A	ATV	Polaris	Ranger Crew 800	E	4XAWY76A4B2243949		$15,627.00	4/11/2011	TAC	K. Pill	1		Moab, UT
M01311	A	ATV	Polaris	Ranger Crew 800	E	4XATY76A0B2245054		$15,332.00	5/9/2011	TAC	R. Barker	1		Moab, UT
M01312	A	Server, GIS	Dell	PE R710	S	JCD3GQ1		$8,656.36	5/26/2011	TAC	A. Kenney	1		Grand Junction, CO
M01313	A	Tape Backup	Overland	NEO2000	S	9B12000063		$8,199.00	5/26/2011	TAC	A. Kenney	1		Grand Junction, CO
M01314	A	Tape Backup	Overland	NEO2000	S	9B12400048		$7,840.02	6/22/2011	TAC	A. Kenney	1		Grand Junction, CO
N16574	E	Computer	Compaq	DESKPRO	S	6039DK47A073		$500.00	2/21/2001	TAC	A. Kenney	7		Grand Junction, CO
S11424	A	Generator	Honda	EG3500X	S	EA6-4044407		$1,150.00	9/24/1991	TAC	R. Hopping	4		Moab, UT
S11427	A	Generator	Honda	EG3500X	S	EA6-4046976		$1,150.00	9/24/1991	TAC	R. Hopping	4		Moab, UT
S12292	A	Mule	Kawasaki	KAF300A1	S	JK1AFBA16MB501596		$3,409.00	7/16/1992	RAC	B. Anderson	4		Crescent Junction, UT
S12379	A	Mule	Kawasaki	KAF300A1	S	JK1AFBA15MB503145		$3,409.00	7/16/1992	RAC	K. Briscoe	4		Moab, UT
S12582	A	Mule	Kawasaki	KAF300A1	S	JK1AFBA15MB503906		$3,409.00	9/1/1992	RAC	K. Briscoe	4		Moab, UT
S15846	A	Detector, 4000CC	Geotech	ATV-LX	E	1		$20,000.00	3/14/1997	TAC	R. Hopping	4		Moab, UT
S15848	A	Detector, 4000CC	Geotech	ATV-LX	E	3		$20,000.00	3/14/1997	TAC	R. Hopping	4		Moab, UT

Identifier	Status Code	Official Name	Manufacturer	Model Number Name	Flag	Serial Number/ Dell Service Tag Number/VIN	Other Identifier	Asset Value	Acquisition Date	RAC/ TAC/ DOE	Custodian	Condi tion Code	Disposition Code	Site
S16112	A	CBX Phone System	Rolm	10	E	55150/51291		$37,000.00	9/12/1995	TAC	R. Ryan	4		Moab, UT
S16294	A	Spectroscopy System, No	EG&G	92X-P	S	254 REV 4		$9,500.00	11/22/1995	TAC	R. Hopping	4		Moab, UT
S16499	A	Whole Body Monitor	Aptec	PMW-3	E	9604-030		$46,900.00	8/7/1996	RAC	A. Smith	4		Moab, UT
S17803	A	Trailer, Office	Unknown	8' X 25'	E	BT5825 LIC. E22790		$9,250.00	12/7/1998	RAC	B. Anderson	7		Crescent Junction, UT
S18600	A	GPS Data Collector	Trimble	PRO XR	S	220182833		$11,411.00	11/10/1999	TAC	E. Colunga	4		Moab, UT
S18633	A	Trailer, Office	Advanced Mod	12'X 60'	E	1260836AHJU		$10,500.00	1/12/2000	RAC	B. Anderson	4		Crescent Junction, UT
S18727	A	GPS Data Collector	Trimble	TSC1	S	220215005		$36,395.00	9/8/2000	TAC	M. Mullis	4		Moab, UT
S18894	A	Meteorological Station	Campbell	CR23X	E			$5,812.00	9/6/2005	RAC	E. Baker	4		Moab, UT
S19607	A	Truck, Water 4000 gal	Peterbilt	1989 Conventional 377	E	1XPCD29X3KD283999	E303610	$32,750.00	11/4/2002	RAC	K. Briscoe	4		Moab, UT
S19798	A	GPS	Garmin	I QUE 3600	S	91492746		$425.00	1/28/2005	TAC	R. Hopping	4		Moab, UT
S19799	A	GPS	Garmin	I QUE 3600	S	91492746		$425.00	1/28/2005	TAC	R. Hopping	4		Moab, UT
S19804	A	Laptop Computer	Fujitsu	ST5021D-	S	R5202973		$2,800.00	2/14/2005	TAC	R. Hopping	4		Moab, UT
S19805	A	Laptop Computer	Fujitsu	ST5021D-	S	R5202974		$2,800.00	2/14/2005	TAC	R. Hopping	4		Moab, UT
S19947	A	Meteorological Station	Campbell	CR23X	E			$5,812.00	9/6/2005	RAC	E. Baker	4		Crescent Junction, UT
S20030	A	Generator	Honda	HDAEU1001A2	S	EZGA1-1150416		$828.66	9/19/2005	TAC	R. Hopping	4		Moab, UT
S20141	A	Portable Radiation Monitor	Pylon	AB-5	E	1306		$5,500.00	1/24/2006	RAC	A. Smith	4		Moab, UT
S20142	A	Portable Radiation Monitor	Pylon	AB-5	E	1307		$5,500.00	1/24/2006	RAC	A. Smith	4		Moab, UT
S20152	A	Computer	Dell	OPTIPLEX GX 620	S	C4WRC91		$1,500.00	2/7/2006	TAC	R. Ryan	4		Moab, UT
S20166	A	Truck, Water 4000 gal	Peterbilt	2004 Conventional	E	2NPLD9X74M827435	E11825	$37,500.00	9/23/2005	RAC	K. Briscoe	4		Moab, UT
S20168	A	Laptop Computer	Dell	D610	S	49PTH91		$2,200.00	2/22/2006	TAC	R. Ryan	4		Grand Junction, CO
S20216	A	Laptop Computer	Dell	INSPIRON 710M	S	C9NLK91		$2,200.00	3/7/2006	TAC	W. Ryan	4		Grand Junction, CO
S20219	A	ATV	Yamaha	YXR666FAVGR-	S	5Y4AM04Y46A025423		$8,389.00	3/14/2006	TAC	R. Hopping	4		Moab, UT
S20221	A	Projector, LCD	Epson	EMP755	S	GWUG630188F		$1,500.00	3/21/2006	TAC	W. Ryan	4		Grand Junction, CO
S20227	A	Pocket PC	Trimble	GEO XT	S	4612456178		$7,000.00	3/30/2006	TAC	M. Mullis	4		Moab, UT
S20237	A	Laptop Computer	Dell	INSPIRON 6400-	S	F576V91		$1,294.00	4/26/2006	TAC	J. Nettleblad	4		Grand Junction, CO
S20280	A	Projector	Proxima	DX2	S	60		$5,252.00	6/1/2006	RAC	S. Shoemaker	4		Moab, UT
S20296	A	ATV	Yamaha	YXR666FAVGR-	S	5Y4AM04Y06A027668		$8,220.00	6/30/2006	TAC	R. Hopping	4		Moab, UT
S20298	A	Geoprobe	Geoprobe Systems	M66DT	E	99110T66	E26708T	$45,000.00	12/6/2005	TAC	R. Hopping	4		Moab, UT
S20321	A	Air Compressor	Ingersoll-Rand	XP185WJD	E	371205UEQ222		$14,958.98	7/10/2006	RAC	K. Briscoe	4		Moab, UT
S20367	A	Laptop Computer	Dell	-9400	S	F14XQB1		$2,125.00	9/14/2006	RAC	R. Daily	4		Moab, UT
S20368	A	Laptop Computer	Dell	-9400	S	224XQB1		$2,125.00	9/14/2006	TAC	R. Hopping	4		Moab, UT
S20369	A	Laptop Computer	Dell	-9400	S	924XQB1		$2,125.00	9/14/2006	RAC	S. Shoemaker	4		Moab, UT
S20370	A	Laptop Computer	Toshiba	M105-S1021	S	86247825K		$645.00	9/14/2006	TAC	J. Nettleblad	4		Grand Junction, CO
S20371	A	Air Compressor	Honda	GXV120	S	GCAGT1057047		$400.00	9/18/2006	TAC	K. Pill	4		Moab, UT
S20372	A	Computer	Dell	OPTIPLEX GX 620	S	6C7GRB1		$1,100.00	9/15/2006	DOE	A. Kenney	4		Grand Junction, CO
S20381	A	Laptop Computer	Dell	D620	S	3HGZSB1		$1,911.56	9/22/2006	TAC	S. Williams	4		Grand Junction, CO
S20409	A	Truck, Water 4000 gal	Mack	TM600 YR.2000	E	1M2P324CXYM049809	E26662	$85,000.00	1/1/2000	RAC	K. Briscoe	4		Moab, UT
S20435	E	Computer	Dell	OPTIPLEX GX 620	S	3XMKZB1		$1,600.00	10/24/2006	TAC	A. Kenney	4		Grand Junction, CO
S20458	A	Pump	Power Pump	DV100	E	110887		$29,760.00	1/23/2007	RAC	K. Briscoe	4		Moab, UT
S20459	A	Air Compressor	Ingersoll-Rand	XP185WJD	E	4FVCBBAA96V371205		$14,159.00	1/23/2007	RAC	K. Briscoe	4		Moab, UT
S20466	A	Computer	Dell	745	S	VC2P9C1		$2,200.00	1/16/2007	TAC	E. Colunga	4		Moab, UT
S20532	A	Server	HP	DL380 G5	S	2UX64501N8		$1,800.00	3/19/2007	TAC	A. Kenney	4		Moab, UT

Section J, Attachment 3 Government Furnished Property

Identifier	Status Code	Official Name	Manufacturer	Model Number Name	Flag	Serial Number/ Dell Service Tag Number/VIN	Other Identifier	Asset Value	Acquisition Date	RAC/ TAC/ DOE	Custodian	Condition Code	Disposition Code	Site
S20538	A	Tape Backup	Overland	NEO2000	S	2B70300218		$8,250.00	3/23/2007	TAC	R. Ryan	4		Moab, UT
S20571	A	Laptop Computer	Panasonic	CF74-	S	CF74CKSA26452R		$2,000.00	5/7/2007	TAC	K. Pill	4		Moab, UT
S20587	A	Full Body Scanner	Canberra	ARGOS-4B	E	0612-046		$47,000.00	5/9/2007	RAC	A. Smith	4		Moab, UT
X14408	A	Generator	Honda	EB5000X	S	3016972		$1,528.00	2/22/1990	RAC	A. Smith	4		Moab, UT
								$4,277,581.66						
			110 items	5K-50K= $1,532,241										
			242 items	S= $454,482										
			7 items	> 50K= $2,483,742										

S1 Value (Bldg)	S2 Value (Room)	Inventory Date	Comments
Field Services		6/14/2011	
		6/12/2008	
		6/12/2008	
Site		6/5/2008	
Field Services Lab		6/5/2008	
Field Services Lab		6/5/2008	
Sealand		6/14/2011	
S&K Office	Basement	6/14/2011	
S&K Office	Server	6/14/2011	
S&K Office	DOE	6/14/2011	
S&K Office	Server	6/14/2011	
S&K Office	Server	6/14/2011	
S&K Office	Server	6/14/2011	
S&K Office	Server	6/14/2011	
S&K Office	Server	6/14/2011	
S&K Office	Server	6/14/2011	
S&K Office	Basement	6/14/2011	
S&K Office	Server	6/14/2011	
S&K Office	Bullpen	6/14/2011	
S&K Office	Hall Office	6/14/2011	
S&K Office	Bullpen	6/14/2011	
Contractor	Training/Guest	6/14/2011	
Project Support 1		6/14/2011	
S&K Office	Bullpen	6/14/2011	
Access Control		6/14/2011	
S&K Office	Hall Office	6/14/2011	
S&K Office	Hall Office	6/14/2011	
Contractor		6/14/2011	
S&K Office	Hall Office	6/14/2011	
S&K Office	Bullpen	6/14/2011	
S&K Office	Bullpen	6/14/2011	
S&K Office	DOE	6/14/2011	
S&K Office	Server	6/14/2011	
ES Office	3rd Floor	6/14/2011	
Access Control	Instrumentation	6/14/2011	
S&K Office	Hall Office	6/14/2011	
S&K Office	Bullpen	6/14/2011	
Access Control	Kiosk	6/14/2011	
S&K Office	Bullpen	6/14/2011	
DOE		6/14/2011	
S&K Office	Bullpen	6/14/2011	
S&K Office	Bullpen	6/14/2011	
S&K Office	Server	6/14/2011	
Communications	Server	6/14/2011	
S&K Office	Server	6/14/2011	
DOE		6/14/2011	
DOE		6/14/2011	
DOE		6/14/2011	
Guard Shack		6/14/2011	
S&K Office	Server	6/14/2011	
Communications		6/14/2011	
Project Support 1		6/14/2011	

S1 Value (Bldg)	S2 Value (Room)	Inventory Date	Comments
Queue Access Control		6/14/2011	
DOE		6/14/2011	
DOE		6/14/2011	
Communications		6/14/2011	
DOE		6/14/2011	
S&K Office	Hall Office	6/14/2011	
Administrative		6/14/2011	
S&K Office	Hall Office	6/14/2011	
S&K Office	Server	6/14/2011	
Site		6/14/2011	
		2/1/2011	
Access Control		6/5/2008	
Atlas Bldg.		6/5/2008	
Access Control		9/16/2009	
Access Control		6/5/2008	
Site	RBA	6/14/2011	
Access Control		6/5/2008	
Access Control		6/12/2008	
Access Control		6/14/2011	
Access Control		6/12/2008	
S&K Office		6/14/2011	
Project Support 2		6/14/2011	
S&K Office		6/14/2011	
Queue Access Control		6/14/2011	
Field Services Lab		6/14/2011	
Field Services	Gamma V	6/14/2011	
Project Support 2		6/14/2011	
ES Office	3rd Floor	6/14/2011	
S&K Office	Bullpen	6/14/2011	
DOE		6/14/2011	
Atlas Bldg.		6/16/2009	
Atlas Bldg.		9/20/2010	
Administrative		6/14/2011	
Field Services	Alex	6/14/2011	
Administrative		6/14/2011	
Radcon Trailer		6/14/2011	
Project Support 1		6/14/2011	
Administrative		6/14/2011	
Radcon Trailer		6/14/2011	
ES Office	3rd Floor	6/14/2011	
Project Support 1		6/14/2011	
Administrative		6/14/2011	
Project Support 2		6/14/2011	
Project Support 2		6/14/2011	
Contractor	CAES	6/14/2011	
Project Support 1		6/14/2011	
Queue Access Control		6/14/2011	
BLM Modular		9/4/2008	
S&K Office	Basement	6/14/2011	
Queue Access Control		6/14/2011	
DOE	Server	8/15/2008	
S&K Office	Server	6/14/2011	

S1 Value (Bldg)	S2 Value (Room)	Inventory Date	Comments
Queue Site		2/1/2011	
Site		2/1/2011	
Access Control		2/2/2009	
Access Control		2/2/2009	
Queue Site		2/1/2011	
Queue Site		2/1/2011	
Queue Site		2/1/2011	
Queue Site		2/1/2011	
Queue Site		2/1/2011	
Queue Site		2/1/2011	
Queue Site		2/1/2011	
Queue Site		2/1/2011	
S&K Office	Server	6/14/2011	
DOE	Server	6/14/2011	
Queue Access Control		6/14/2011	
S&K Office	Bullpen	6/14/2011	
Administrative		6/14/2011	
Administrative		6/14/2011	
Contractor		6/14/2011	
Queue Project Support		6/14/2011	
Field Services		6/14/2011	
S&K Office		6/14/2011	
S&K Office		6/14/2011	
Administrative		6/14/2011	
Radcon Trailer		6/14/2011	Container Scanner
Project Support 1		6/14/2011	Estmated cost/age
Access Control		6/14/2011	
Queue Access Control		6/14/2011	
S&K Office	Monument	6/14/2011	
S&K Office	Bullpen	6/14/2011	
Field Services		6/14/2011	
Administrative	Spare	6/14/2011	
Support		6/14/2011	
Access Control		6/14/2011	
Field Services		6/14/2011	
Access Control		6/14/2011	
Radcon Trailer		6/14/2011	
ES Office	3rd Floor	6/14/2011	
DOE	DOE/TAC	6/14/2011	
Queue Project Support		6/14/2011	
Administrative		6/14/2011	
DOE	Server	6/14/2011	
Project Support 1		6/14/2011	
Guard Shack		6/14/2011	
Queue Project Support		6/14/2011	

S1 Value (Bldg)	S2 Value (Room)	Inventory Date	Comments
Project Support 2		6/14/2011	Excess
Project Support 1		6/14/2011	
Administrative		6/14/2011	
Queue Project Support	Timecard	6/14/2011	
Project Support 2		6/14/2011	
Communications		6/14/2011	
Project Support 1		6/14/2011	
Support		6/14/2011	
Access Control		6/14/2011	
Contractor		6/14/2011	
Queue Project Support	Timecard	6/14/2011	
Queue Access Control		6/14/2011	
Queue Project Support		6/14/2011	
Maintenance		6/14/2011	
Project Support 2		6/14/2011	
Project Support 2		6/14/2011	
Contractor		6/14/2011	
S&K Office	Bookcliff Room	6/14/2011	
Project Support 1		6/14/2011	
Control		6/14/2011	
Administrative		6/14/2011	
S&K Office	Bullpen	6/14/2011	
Access Control		6/14/2011	
S&K Office		6/14/2011	
ES Office		8/24/2009	
S&K Office		6/14/2011	
Field Services		6/14/2011	
Maintenance Tent		2/1/2011	
Field Services		9/10/2009	
Field Services		9/20/2010	
Field Services		9/10/2009	
Field Services		9/16/2009	
Site		2/1/2011	
Site		9/20/2010	
Site		10/13/2009	
Site		6/14/2011	
Site		2/1/2011	
Site		2/1/2011	
Atlas Bldg.		9/20/2010	
S&K Office	Hall Office	6/14/2011	
Site		6/23/2010	
Field Services		12/23/2009	
Maintenance		6/14/2011	
Project Support 1		6/14/2011	
Queue Access Control	H&S	6/14/2011	
Administrative		6/14/2011	

S1 Value (Bldg)	S2 Value (Room)	Inventory Date	Comments
Queue Project Support		6/14/2011	
S&K Office	Reception	6/14/2011	
ES Office	3rd Floor	6/14/2011	
ES Office	Conference Room	6/14/2011	
Access Control		6/14/2011	
Project Support 1		6/14/2011	
ES Office		6/14/2011	
Maintenance		6/14/2011	
Contractor	NE Office	6/14/2011	
Administrative		6/14/2011	
Contractor	CAES	6/14/2011	
S&K Office	Standing Stn.	6/14/2011	
S&K Office	Bullpen	6/14/2011	
Queue Project		6/14/2011	
S&K Office	Records	6/14/2011	
Contractor		6/14/2011	
Access Control		6/14/2011	
Field Services		6/14/2011	
S&K Office	Hall Office	6/14/2011	
ES Office		6/14/2011	
S&K Office	Bullpen	6/14/2011	
Site		2/1/2011	
Site	Cell	2/1/2011	
Site	Cell	2/1/2011	
Site	Cell	2/1/2011	
Site	Cell	6/14/2011	
Site	Cell	2/1/2011	
Site	Rail Loadout	9/20/2010	
Site	NE Corner of Cell	2/17/2010	
ES Office		6/14/2011	
S&K Office	Bullpen	6/14/2011	
S&K Office	Bullpen	6/14/2011	
Site	Rail Loadout	2/1/2011	
Site	Cell	2/1/2011	
Site	Cell	2/1/2011	
Site		2/1/2011	
Site		2/1/2011	
Site		2/1/2011	
Site		5/20/2010	Est. Current
DOE	Server	6/14/2011	
Site	Cell	2/1/2011	
Site	Cell	2/1/2011	
Site	Cell	2/1/2011	
Administrative		6/14/2011	
S&K Office	Bullpen	6/14/2011	
Project Support 1		6/14/2011	
S&K Office	Bullpen	6/14/2011	
Site		2/1/2011	
Site		2/1/2011	
Site		2/1/2011	
Project Support 1		7/27/2011	
Field Services		6/14/2011	

S1 Value (Bldg)	S2 Value (Room)	Inventory Date	Comments
Maintenance Tent		6/14/2011	
Queue Project Support		6/14/2011	
Communication		6/14/2011	
Contractor		6/14/2011	
Project Support 1		6/14/2011	
Queue Project Support		6/14/2011	
S&K Office	Server	6/14/2011	
S&K Office	Server	6/14/2011	
S&K Office	Bullpen	6/14/2011	
S&K Office	Bullpen	6/14/2011	
S&K Office	Bullpen	6/14/2011	
S&K Office	Bullpen	6/14/2011	
Queue Project Support		6/14/2011	
S&K Office	Server	6/14/2011	
S&K Office	Basement	6/14/2011	
Field Services		6/14/2011	
S&K Office	Hall Office	6/14/2011	
Queue Project Support		6/14/2011	
Site		2/1/2011	
Site		2/1/2011	
Site		6/14/2011	
Site		2/1/2011	
Site		2/1/2011	
Site		6/14/2011	
Site		2/1/2011	
Site		6/14/2011	
Site		2/1/2011	Est. Current Value
Field Services Lab		2/25/2011	
Radcon Trailer		6/14/2011	
S&K Office	Hall Office	6/14/2011	
S&K Office	Bullpen	6/14/2011	
Atlas Bldg.		6/14/2011	
S&K Office	Hall Office	6/14/2011	
S&K Office	Server	6/14/2011	
Maintenance Tent		4/11/2011	
Maintenance Tent		5/9/2011	
S&K Office	Server	6/14/2011	
S&K Office	Server	6/14/2011	
S&K Office	Server	6/14/2011	
S&K Office	Basement	6/14/2011	
Maintenance Tent		6/14/2011	
Sealand		6/14/2011	
Site		6/14/2011	
Site		6/14/2011	
Site		6/14/2011	
Sealand		6/14/2011	
Sealand		6/5/2008	

S1 Value (Bldg)	S2 Value (Room)	Inventory Date	Comments
Communications		6/5/2008	
Sealand		6/14/2011	
Access Control		6/23/2010	
Site		6/5/2008	
Field Services Lab		6/14/2011	
Site		6/5/2008	
Communication	Server	6/14/2011	
100 Sites north of the Moab project Administrativeistration office		6/5/2008	
Site		6/5/2008	
Field Services		6/14/2011	
Field Services Lab		6/14/2011	
Field Services Lab		6/14/2011	
Field Services Lab		6/14/2011	
150 Sites NE of the I-70 rest stop		6/5/2008	
Maintenance Tent		6/14/2011	
Atlas Bldg.		6/5/2008	
Atlas Bldg.		6/5/2008	
Communications	Phone	6/14/2011	
Site		6/5/2008	Replacement installed by Dell Tech 10/08
S&K Office		6/14/2011	
S&K Office	Hall Office	6/14/2011	
Site		6/14/2011	
S&K Office	Hall Office	6/14/2011	
Communication	Server	6/14/2011	
S&K Office		6/14/2011	
Administrative		6/14/2011	
Atlas Bldg.		6/14/2011	
Site		6/16/2009	
Atlas Bldg..		6/5/2008	
Access Control		6/14/2011	
Field Services		6/14/2011	
Administrative		6/14/2011	
S&K Office	Bullpen	6/14/2011	
Wellfield Trailer		6/14/2011	
S&K Office	DOE	6/14/2011	
S&K Office	Bullpen	6/14/2011	
Site		6/14/2011	
S&K Office	Excess	6/14/2011	
Site	Pond	9/16/2009	
Site		6/5/2008	
Field Services Lab		6/14/2011	
Communications	Server	6/14/2011	

S1 Value (Bldg)	S2 Value (Room)	Inventory Date	Comments
Communications	Server	6/14/2011	
Project Support 2		6/14/2011	
Access Control		6/5/2008	
Maintenance		6/14/2011	

PART III – LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS

SECTION J

ATTACHMENT 4

INTERFACE REQUIREMENTS MATRIX

Services and activities listed in the Moab Project Interface Requirements Matrix and Government Furnished Services shall be performed in accordance with the Performance Work Statement. The Moab Project Interface Requirements Matrix and Government Furnished Services, identifies the key specific tasks and services that require interface and coordination with other site entities. The Moab Project Interface Requirements Matrix and Government Furnished Services may not represent all of the necessary interactions; therefore, the contractor is responsible to reach agreement with other site entities on any other necessary interfaces and/or the clause of services for the performance of the contractor's work.

Legend for Matrix – The Legend for the primary Matrix users/providers is as follows:

RAC	Remedial Action Contract(or)
TAC	Technical Assistance Contract(or)

Note: For purposes of this contract, the services to be provided by the RAC are considered Government Furnished Services.

Task (Interface)	RAC	TAC	PWS Requirements RAC/TAC
Project Funding and Project Performance Information – Input into various DOE systems, such as the Integrated Planning, Accountability and Budgeting System (IPABS).	Provide information to the TAC for input into DOE systems.	Maintain and input project funding and performance information into DOE systems.	C.2.7.4/C.3.8
Implementation of safeguards and security in accordance with DOE M 470.4.	Provide security guard coverage to implement safeguards and security program. Keep property from being lost, stolen, misused, or damaged. Ensure RRM is kept contained, and no spillage occurs during shipping. Safeguarding property, as well as RRM, including during shipments.	Develop and manage safeguards and security program. Maintain property management records and Inventory. Provide security badges for DOE, RAC, TAC, subcontractors and visitors at all project sites.	C.2.7.5/C.3.4
Site Access to Radiological Controlled Areas	Control access to radiological areas. Manage and stock the Radiological Control Access Trailer, issue radiological PPE and provide RadCon support. Implement badging requirements consistent with DOE M 470.4-2 at the Moab and Crescent Junction sites.	Provide training certification information for radiological area access.	C.2.7.2/C.3.2
Project baseline and change control functions.	Provide information to TAC when requested, for the baseline, schedule, earned value, cost, and change control administrative functions.	Responsibility for Moab Project baseline, schedule, earned value, cost, and Change Control Administrative functions.	C.2.7.4/C.3.8 and C.3.10
Computer equipment, hardware, software, IT support	Initiate requests for additional hardware and software through TAC's Help Desk. Safeguard equipment within its possession.	Provide all computer equipment, hardware and software. Process requests from RAC timely and in conformance with project's system configuration and software management processes when applicable. Responsible for IT infrastructure at all project sites, including computers, servers, and network internet access. Provide and maintain all radio communication systems.	C.2.7.3/C.3.3
Public Affairs Functions	Provide information and support to DOE and the TAC in occasional stakeholder/public meetings, held primarily in Moab, UT.	Responsible for the overall Public Affairs functions for the project.	C.2.7.3/C.3.5
Records Management	Perform internal records management functions under the basic contract and provisions of this PWS. Provide official project records necessary for TAC's Records Management program and activities in	Develop and manage the records management program for the entire project IAW applicable DOE orders and regulations. Develop and maintain the Project's Record Management Plan and File Plans.	C.2.7.6/C.3.1

	accordance with the Records Management Plan and applicable File Plans.		
Real and Personal Property	Maintain accountability of assigned personal property. Provide facilities maintenance input to the TAC Property Manager as required. Comply with all GSA vehicle requirements as implemented by the TAC Property Manager.	Maintain DOE's Real and Personal Property Management Program, including fleet management and GSA-leased vehicles.	H.42/C.3.6
Document and Website Support	Adhere to requirements outlined in the Project's Document Production Manual and Document Style Guide.	Develop and maintain the Document Production Manual. Provide document production support, graphics and website development, reproduction and printing services, and technical writing services to DOE and RAC.	C.2.7.3/C.3.7
Water Management	O&M evaporation ponds and associated evaporative equipment that is fed by the extraction and injection wells and manage tailings pore fluid.	Responsible for O&M of the extraction and injections wells, and groundwater sampling, analysis, and reporting. Performs groundwater, surface water and biota monitoring and prepares reports for its own monitoring activities.	C.2.3.3/C.3.10
Environment, Safety, Health and Quality (ESH&Q)	Responsible for ESH&Q within its own organization. Coordinate with TAC on project-related programmatic ESH&Q responsibilities. Perform environmental air monitoring. Coordinate with TAC to acquire water and biota data for preparation of ASER.	Overall project-wide and programmatic responsibility for ESH&Q. Responsible for its own safety performance and quality. Provide assistance as required by DOE to support project safety and quality efforts. Perform independent appraisal of work performed by RAC.	C.2.7.5C.3.11 and C.3.12
Training	Obtain training as necessary. Provide subject matter experts to support the project's training program when required.	Provide all project-related training, including but not limited to OSHA requirements, DOE Rad Worker II, Exclusive Use Shipping Requirements, HAZMAT, and DOT Federal Motor Carrier Regulations. Maintain training records and data pertaining to training activities for all RAC, TAC, subcontractor, and DOE personnel.	C.2.7.3/C.3.2
RAC Management Presence in Grand Junction	Have RAC management in Grand Junction Office.	Interface with RAC management.	
Vicinity Properties	Remediate VPs, as directed by CO	Perform Inclusion/Exclusion surveys on VP's, to determine RRM content. Conduct Independent Verification.	C.2.3.1/C.3.13

PART III – LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS

SECTION J

ATTACHMENT 5

LAWS, REGULATIONS, AND DIRECTIVES

LISTS A AND B

ATTACHMENT J – B - LIST OF REQUIRED COMPLIANCE DOCUMENTS

List A

In accordance with Section I, clause 970.5204-2, the contractor shall comply with the requirements of applicable Federal, State, and local laws and regulations (including DOE regulations), unless relief has been granted in writing by appropriate regulatory agency. Omission of a Law or Regulation is not intended to imply that the law is not applicable to this contract.

All Federal regulations and State equivalent regulations apply to this contract. Federal Regulations include but are not limited to the following:

10 CFR 820	Procedural Rules for DOE Nuclear Activities
10 CFR 830	Nuclear Safety Management
10 CFR 835	Occupational Radiation Protection
10 CFR 850	Beryllium Disease Prevention Programs
10 CFR 851	Worker Safety and Health Program
10 CFR 708	DOE Contractor Employee Protection Program
40 CFR 192 Subpart A, B and C	Uranium Mill Tailings Radiation Control Act (UMTRCA)
48 CFR Part 970.5223-1	Integration of Environmental, Safety, and Health into the Work Planning and Execution

List B

The DOE directives listed in the table below contain requirements relevant to the scope of work in this task order. In most cases, the requirements applicable to the Contractor are contained in a Contractor Requirements Document (CRD) attached to the DOE Directive. DOE has an extensive inventory of guides, standards, and manuals. It is intended for the contractor to make use of these resources and incorporate them in to the contractor's programs, to comply with the requirements of this task order. DOE has listed for convenience, several of the standards, guides, and handbooks the contractor is expected to follow during the performance of this task order. Use of alternate methods is encouraged to improve efficiency; however, use of alternate methods shall be brought to the attention of the Contracting Officer for review, comment, and approval prior to use.

DOE Orders Applicable to Department of Energy, Office of Environmental Management

Order No.	Subject	Dated
DOE O 130.1	Budget Formulation Process	09-29-95
DOE O 142.3A	Unclassified Foreign Visits and Assignments	10-14-10
DOE O 144.1, Admin Chg 1	Department of Energy American Indian Tribal Government Interactions and Policy	1-16-09
DOE O 150.1	Continuity Programs	5-8-08
DOE O 151.1C	Comprehensive Emergency Management System	11-02-05
DOE O 153.1	Departmental Radiological Emergency Response Assets	6-27-07
DOE O 200.1A	Information Technology Management	12-23-08
DOE O 203.1	Limited Personal Use of Government Office Equipment Including Information Technology	01-07-05
DOE M 200.1-1 Chapter 9	Telecommunications Security Manual, Chapter 9, Public Key Cryptography and Key Management	2-15-00
DOE O 205.1	Departmental Cyber Security Management Policy	5-8-01
DOE O 205.1B	Department of Energy Cyber Security Program	5-16-11
DOE O 205.1-3	Telecommunications Security Manual	4-17-06
DOE O 206.1	Department of Energy Privacy Program	1-16-09
DOE O 206.2	Identity, Credential and Access Management	2-19-2013
DOE N 206.4	Personnel Identity Verification Program	6-29-07
DOE O 221.1A	Reporting Fraud, Waste, and Abuse to the Office of the Inspector General	4-19-08
DOE O 221.2A	Cooperation with Office of Inspector General	2-25-08
DOE O 221.15	Reporting Fraud, Waste, and Abuse	1-5-09
DOE O 224.2A	Auditing of Programs and Operations	11-9-07
DOE O 224.3	Audit Resolution and Follow-Up	1-24-05
DOE O 225.1B	Accident Investigations	3-4-11
DOE O 226.1B	Implementation of DOE Oversight Policy	4-25-11
DOE O 227.1	Independent Oversight	8-30-11
DOE O 231.1B	Environment, Safety, and Health Reporting	6-27-11
DOE G 231.1-1	Occurrence Reporting and Performance Analysis Guide	08-20-03
DOE M 231.1-2	Occurrence Reporting and Processing of Operations Information	08-19-03
DOE G 231.1-2	Occurrence Reporting Causal Analysis Guide	08-20-03
DOE O 241.1B	Scientific and Technical Information Management	12-30-10
DOE G 242.1-1	Forms Management Guide for Use with DOE O 200.1	05-08-00

Order No.	Subject	Dated
DOE 243.1B	Records Management Program	4-11-2013
DOE O 243.2	Vital Records	2-2-06
DOE O 252.1A	Technical Standards Program	2-23-11
DOE O 311.1B	Equal Employment Opportunity Program and Diversity Program	2-12-03
DOE O 413.1B	Internal Control Program	10-28-08
DOE O 413.3B	Program and Project Management for the Acquisition of Capital Assets	11-29-10
DOE O 414.1D	Quality Assurance	4-25-11
DOE O 420.1B Chg 1	Facility Safety	4-19-10
DOE O 422.1	Conduct of Operations	6-29-10
DOE O 430.1B, Chg 2	Real Property and Asset Management	2-8-08
DOE O 435.1, Chg 1	Radioactive Waste Management	8-28-001 Certified 1-9-07
DOE G 435.1-1	Crosswalk Tables DOE O 5820.2A vs. DOE O 435.1/M 435.1-1	07-09-99
DOE M 435.1-1, Chg 2	Radioactive Waste Management Manual	6-8-11
DOE O 436.1	Departmental Sustainability	5-2-11
DOE O 440.1B	Worker Protection Program for DOE (Including the National Nuclear Security Administration) Federal Employees	5-17-07 Certified 6-17-11
DOE G 440.1-8	Implementation Guide for Use with 10 CFR Part 851, Worker Safety and Health Program	12-27-06
DOE O 442.1A	Department of Energy Employee Concerns Program	06-06-01
DOE M 450.4A	Integrated Safety Management Policy	11-01-06
DOE 451.1B Chg 2	National Environmental Policy Act Compliance Program – Change 2	6-25-10
DOE P 454.1	Use of Institutional Controls	4-9-03
DOE G 454.1-1	Institutional Controls Implementation Guide for Use with DOE 454.1, Use of Institutional Controls	4-9-03
DOE 458.1 Admin Chg 2	Radiation Protection of the Public and the Environment	6-6-11
DOE O 460.1C	Packaging and Transportation Safety	5-14-10
DOE G 460.1-1	Implementation Guide for Use with DOE O 460.1A, Packaging and Transportation Safety-Implementation Guide	06-05-97
DOE 460.1-1 Att	Packaging and Transportation Attachments	6-5-97
DOE O 460.2A	Departmental Materials Transportation and Packaging Management	12-22-04
DOE G 460.2-1	Implementation Guide for Use with DOE O 460.2, Departmental Materials Transportation and Packaging Management	11-15-96
DOE M 460.2-1A	Radioactive Material Transportation Practices Manual	6-4-08
DOE 461.2	Onsite Packaging and Transfer of Material of National Security Interest	10-31-10
DOE O 470.4B	Safeguards and Security Program	7-21-11
DOE M 470.4-2A	Physical Protection	7-23-09
DOE M 470.4-4A Chg 1	Information Security Manual	10-12-10

Order No.	Subject	Dated
DOE O 471.1B	Identification and Protection of Unclassified Controlled Nuclear Information	3-1-10
DOE O 471.3	Identifying and Protecting Official Use Information, Administrative Change 1	01-13-11
DOE O 471.6	Information Security	6-20-11
DOE 473.3	Protection Program Operation	6-29-11
DOE O 475.1	Counterintelligence Program	12-10-04
DOE O 522.1	Pricing of Departmental Materials and Services	11-03-04
DOE O 534.1B	Accounting	01-06-03
DOE O 551.1C	Official Foreign Travel	6-24-08
DOE O 580.1A	Department of Energy Personal Property Management Program	3-30-12
DOE G 580.1-1	Department of Energy Personal Property Guide	12-07-05

PERFORMANCE EVALUATION MEASUREMENT PLAN (PEMP)

FOR THE

TECHNICAL ASSISTANCE CONTRACT (TAC)

DE-EM0002067

SUPPORTING THE

MOAB URANIUM MILL TAILINGS REMEDIATION ACTION

(UMTRA) PROJECT

CONCUR:

Donald R. Metzler
Federal Project Director
Moab Project Office
970-257-2115

September 4, 2012
Date

APPROVED:

Jack R. Craig
Director
Environmental Management Consolidated Business Center
513-246-0460

9/6/12
Date

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1.0 INTRODUCTION

The purpose of this PEMP is to define the methodology and responsibilities associated with determining the fee to be awarded to the contractor. The plan outlines the organization, procedures, and evaluation periods for implementing the award fee provisions of the contract. The objective of the award fee is to motivate the contractor to substantially exceed standards and to emphasize key areas of performance and concern.

2.0 ORGANIZATIONAL STRUCTURE

The award fee organization consists of: the Fee Determining Official (FDO); a Performance Evaluation Board (PEB) which consists of a chairperson, the contracting officer, a recorder, other functional area participants, and advisor members; and the Contracting Officer's Representative (COR) The PEB members and advisors are listed in Exhibit 1.

3.0 RESPONSIBLITIES

a. **Chairperson**: The individual that will establish a PEB and appoint Project Evaluation Team (PTE) Members. The Federal Project Director (FPD), Grand Junction Office will serve as the Chairperson. In the FPD's absence, the Director, Environmental Management Consolidated Business Center will serve as the Chairperson.

b. **Contracting Officer (CO):** The CO is the liaison between the contractor and Government personnel and shall ensure the incentive process is properly administered in accordance with agency regulations. The CO is the only individual authorized to commit and obligate the Government through the life of the contract. The CO is an advisor to the PEB.

c. **Contracting Officer's Representative (COR)**: The individual that maintains written records of the contractor's performance in their assigned evaluation area(s) so that a fair and accurate evaluation is obtained. Prepares interim and end-of-period evaluation reports as directed by the PEB. The Program Analyst serves in this capacity.

d. **Fee Determining Official (FDO):** The FDO approves the performance evaluation management plan and any significant changes. The FDO reviews the recommendation(s) of the PEB, considers all pertinent data, and determines the earned award fee amount for each evaluation period. The Director, Environmental Management Consolidated Business Center (EMCBC) will serve as the FDO.

e. **Moab TAC Project Lead:** The individual who is most directly responsible for monitoring the contractor's cost and schedule performance. The Project Team Lead also serves as the recorder; who is responsible for ensuring the PEB is

properly convened which includes meeting place, time, advising all PEB members, preparing agenda, and taking minutes. The Project Team Lead is a voting member on the PEB. For this PEMP, this role is fulfilled by the Program Analyst/COR. The Moab TAC Project Lead will be thoroughly familiar with current award fee policy, guidance, regulations, and correspondence pertinent to the award fee process. The Moab TAC Project Lead will coordinate administrative actions including receiving, processing, and distributing performance evaluation inputs, scheduling and assisting with internal milestones (i.e., PEB briefings) and other actions as required for the completion of the award fee process.

f. **Performance Evaluation Review Board (PEB):** The group of individuals who review the contractor's performance and recommend an award fee to the FDO. Members of and advisors to the PEB are indicated in Exhibit 1. If a PEB member is absent, the FPD will approve substitute(s) with similar qualifications.

g. **Project Team Evaluators (PTE):** The individual(s) assigned to monitor and evaluate the contractor's performance on a continuing basis. The PTE's evaluation is the primary point of reference in determining the recommended award fee, especially the technical support areas of performance. The PTE is an advisor(s) to the PEB.

h. **Head of the Contracting Activity (HCA):** As the senior contracting official, the Head of the Contracting Activity has ultimate responsibility for ensuring that contract management systems, awards, and administration of contracts and financial assistance are in accordance with laws, regulations, and DOE policies.

4.0 AWARD FEE PROCESS (See Exhibit 10, Award Fee Process Flowchart)

a. **Available Fee Amount**. The available fee for each evaluation period is shown in Exhibit 2. The fee earned will be paid based on the contractor's performance during each evaluation period.

b. **Evaluation Criteria**. Each evaluation criteria will be determined prior to the evaluation period and an award fee amount assigned. Grades will be assigned from Unsatisfactory to Excellent for each specific criterion. If the CO does not give specific notice in writing to the contractor of any change to the evaluation criteria prior to the start of a new evaluation period, then the same criteria listed for the preceding period will be used in the subsequent award fee evaluation period.

c. **Performance Evaluation**. The contractor's performance will be evaluated against the performance standards set forth in the contract, other applicable documents, applicable standards, DOE Orders and Directives (as listed in List B in Section J of the contract), and applicable laws and regulations, using the performance evaluation criteria identified in Exhibit 6 of this PEMP. These performance evaluation criteria, may not necessarily cover the entire scope of

this contract, but instead may focus on specific areas of importance as determined by the DOE.

1. PTE(s) will continually monitor and evaluate the contractor's performance against the criteria identified in Exhibit 6 and will work closely with the Moab TAC Project Lead in performing surveillance duties.

2. For the Performance Requirements (PR) items, the PTE will evaluate these items on a quarterly basis, using Exhibit 3, Award Fee Adjectival Rating Table, and Exhibit 4, Award Fee Conversion Chart. The PTE will review and evaluate each evaluation criteria (Exhibit 6) to determine the performance level of the contractor. The PTE will notify the Moab TAC Project Lead of any weakness(s) via electronic correspondence, copying both the FPD and the CO. A weakness for any PR is defined as any failure to meet PR evaluation criteria. The contractor shall comply within the allowable time identified in the electronic correspondence to correct or provide an acceptable resolution to the weakness(es). The PTE will provide all documentation for file maintenance to the Moab TAC Project Lead.

3. The Moab TAC Project Lead will select an adjectival rating for each of the PR items based on his/her personal observations of performance and the adjectival rating reported by the PTE(s). In addition to reporting the PTE's notes on the strengths and weaknesses of the contractor, the Moab TAC Project Lead will annotate his/her rationale for selecting a particular adjectival rating. The Moab TAC Project Lead will record the ratings on Exhibit 8, the Annual Adjectival Rating Table.

4. The Moab TAC Project Lead will use Exhibit 7, Adjectival Rating Summary Table, to record the PTE's adjectival rating for the quarter as well as his/her adjectival rating.

5. The Moab TAC Project Lead will use Exhibit 5, Performance Requirement Weighting Chart, to calculate the weights, and the ratings recorded on Exhibit 8, Annual Adjectival Rating Table, to compute the annual adjectival rating average for the award fee.

6. The Moab TAC Project Lead prepares a summary of the evaluations for Exhibit 6, Performance Evaluation Criteria, in an appropriate briefing format for presentation to the PEB. The PEB members will review their evaluation reports and the Moab TAC Project Lead's recommended adjectival rating, consider information from other pertinent sources, and develop a fee recommendation for the FDO. The FPD/PEB Chairperson may require oral briefings by functional area personnel.

7. Using Exhibit 6, Performance Evaluation Criteria, each member will select an annual adjectival rating from Exhibit 3, Award Fee Adjectival Rating Table, and provide their rationale in the Notes section of Exhibit 6 for their determination.

8. The PEB Chairperson will collect members' rating sheets, Exhibit 7, and review them. If any member's adjectival rating is "below standards" and this rating is lower than a PTE(s) adjectival rating for that same area, appropriate discussions with that member(s) should be conducted to determine the member's rationale. Lowering the adjectival rating requires specific reasons, since the contractor will be aware of all weaknesses from the PTE's quarterly evaluation.

9. The Moab TAC Project Lead will summarize individual members' adjectival ratings for the performance evaluation criteria using Exhibit 9, Summary of PEB's Ratings and will provide to the PEB Chairperson.

10. **Contractor Performance Self-Assessment Report**:
    i. No later than 20 calendar days after the end of each evaluation period, the contractor shall submit a Performance Self-Assessment Report (against the performance requirements) for the period under consideration. The self-assessment shall discuss major accomplishments or progress and discuss the contractor's assessment of their strengths, weaknesses and areas requiring improvement. The self-assessment should not exceed two pages per task/subtask assignment.

    ii. No later than 15 calendar days after receipt of the Contractor's Performance Self-Assessment Report, the PEB Chairperson will present the draft evaluation findings to the contractor.

    iii. The contractor will be given an opportunity to submit comments to the PEB within 5 calendar days after the draft evaluation findings are presented.

    iv. The report of findings, inclusive of any contractor comments as well as the PEB's recommendations, will be provided to the FDO within 10 calendar days after the contractor has submitted comments.

11. The FPD/PEB Chairperson will review the PEB's recommendations, consider all appropriate data, and provide a written recommendation along with Exhibits 8 and 9 to the FDO regarding the award fee determination. The award fee shall be determined by the rating established at the end of each evaluation period and approved by the FDO. No greater than 50% of award fee shall be earned for satisfactory performance, since this is the minimum level of performance expected of the TAC Contractor to manage

work for the Moab UMTRA Project Office. The FDO may concur with the FPD's recommendation or, based upon all information available to the FDO, determine the final fee determination which is different from the FPD's recommendation and provide supporting rationale. The FDO determines the final fee based upon all the information furnished and assigns a final percent of award fee earned for the evaluation period using the Exhibit 4, Award Fee Conversion Chart.

12. Within 10 days after receipt of the PEB's report, the FDO will notify the PEB Chairperson and the CO in writing or via electronic correspondence of his/her final determination of award fee.

13. The CO will submit the final fee determination to the Assistant Director, Office of Contracting, EMCBC and others as appropriate for concurrence prior to final submittal to the contractor.

14. The CO will prepare a letter for the FDO's signature, notifying the contractor of the amount of award fee earned for the annual period. Additionally, the letter will include the contractor's name, the amount of award fee available for the period, the percentage of award fee earned, indicate whether the contractor met or exceeded a majority of the performance goals and objectives for the period and identify any specific areas of strengths and weaknesses in the Contractor's performance. The letter will also provide reasonable assurances that the Department fairly executed the Performance Evaluation and Measurement Plan and award fee review process for the period.

15. In accordance with clause B.5, "Award Fee Provisional Billing," the CO shall notify the Contractor of the FDO's final fee determination with a unilateral modification to the contract.

16. The contractor prepares a separate (e.g., apart from regular monthly invoice) voucher(s) based on the FDO's fee notice and submits to the Government for payment.

5.0. ANNUAL PEMP REVISION PROCEDURE

All significant changes are approved by the FDO; the PEB Chairperson approves other changes. Examples of significant changes include changing evaluation criteria, adjusting weights to redirect contractor's emphasis to areas needing improvement, and revising the distribution of the fee dollars. In accordance with Section B.3 of the Contract, the PEMP may, consistent with the PWS, be revised during the period of performance. The Contracting Officer shall notify the Contractor:

1. prior to the start of an evaluation period if the requirements, evaluation areas, specific incentives, amount of fee, and allocation of fee to such

evaluation areas and specific incentives have been mutually agreed to by the parties;

2. not later than thirty days prior to the scheduled start date of the evaluation period, if the requirements, evaluation areas, specific incentives, amount of fee, and allocation of fee to such evaluation areas and specific incentives have been unilaterally established by the Contracting Officer;
3. of such unilateral changes at least 90 calendar days prior to the end of the affected evaluation period and at least 30 calendar days prior to the effective date of the change;
4. of such bilateral changes at least 60 calendar days prior to the end of the affected evaluation period; or
5. if such change, whether unilateral or bilateral, is urgent and high priority as determined by the Contracting Officer, at least 30 calendar days prior to the end of the evaluation period.

6.0 TERMINATION FOR CONVENIENCE

In the event that the contract is terminated for the convenience of the Government after the start of a fee evaluation period, the fee deemed earned for that period shall be determined by the FDO using the normal fee evaluation process. After termination for convenience, the remaining fee amounts allocated to all subsequent fee evaluation periods cannot be earned by the contractor and therefore, shall not be paid.

Exhibit 1, PERFORMANCE EVALUATION BOARD MEMBERS AND ADVISORS

Members:	
Fee Determining Official: Acting Director, EMCBC	Ralph E. Holland
PEB Chairperson: Moab Federal Project Director	Donald Metzler
Performance Evaluation Review Board Members	**Name**
Moab Federal Project Director & PEB Chairperson	Donald R. Metzler
Project Team Evaluator and Facility Representative	Ken Wethington
Health, Safety, and QA Manager	Vacant
Project Team Lead and Program Analyst	Bonni Wethington
Advisors (Non-Voting)	
*Designated Contracting Officer	Christopher Lockhart
*Contracts Attorney	TBD

*Advisors Only – Non-Voting Participants

Exhibit 2: FEE ALLOCATION

The fee earned by the contractor will be determined at the completion of evaluation periods shown below. The dollars shown corresponding to each period is the maximum available fee amount that can be earned during that particular period.

Evaluation Period	Dates	Available Award Fee (Mod 043)	Award Fee (AF) Earned
Period 1	June 20, 2012 – June 19, 2013	$245,122.00	$235,317.12
Period 2	June 20, 2013 – June 19, 2014	$240,996.00	$231,356.00
Period 3	June 20, 2014 – June 19, 2015	$302,068	$277,902.56
Total Fee For Base Period		**$788,186**	**$744,575.68**
[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]
[redacted]		[redacted]	

The Government may unilaterally revise the distribution of the remaining fee dollars among subsequent evaluation periods. The CO will notify the contractor in writing of such changes in distribution at least 30 days before the relevant evaluation period begins and the PEMP will be modified accordingly. After an evaluation period has begun, changes may only be made by mutual agreement of the parties. While the Government may unilaterally change the award fee amounts for each period or each rated criteria area prior to the start of each award fee period, the total amount of award fee available may not be unilaterally changed once established at the beginning of each evaluation period.

Exhibit 3: AWARD FEE ADJECTIVAL RATING TABLE

Award-Fee Adjectival Rating	Award-Fee Pool Available To Be Earned	Description
Excellent	91%--100%	Contractor has exceeded almost all of the significant award-fee criteria and has met overall cost, schedule, and technical performance requirements of the contract in the aggregate as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.
Very Good	76%--90%	Contractor has exceeded many of the significant award-fee criteria and has met overall cost, schedule, and technical performance requirements of the contract in the aggregate as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.
Good	51%--75%	Contractor has exceeded some of the significant award-fee criteria and has met overall cost, schedule, and technical performance requirements of the contract in the aggregate as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.
Satisfactory	No Greater Than 50%.	Contractor has met overall cost, schedule, and technical performance requirements of the contract in the aggregate as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.
Unsatisfactory	0%	Contractor has failed to meet overall cost, schedule, and technical performance requirements of the contract in the aggregate as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period. **No award fee will be earned for unsatisfactory rating of performance requirements.*

Exhibit 4: AWARD FEE CONVERSION CHART

ADJECTIVAL RATING	EVALUATION POINTS (OVERALL WEIGHTED RESULT)	PERCENTAGE OF AWARD FEE EARNED
Excellent	23-25	91 to 100%
Very Good	19-22	76 to 90%
Good	14-18	51 to 75%
Satisfactory	8-13	No greater than 50%
Unsatisfactory	0-7	0%

Exhibit 5: PERFORMANCE REQUIREMENT WEIGHTING CHART

The following percentages and factors are subject to change and may be changed unilaterally by the CO:

Performance Requirement	Weightings
1. Project Management	20%
2. Project Integration	25%
3. Project Support Services	25%
4. Groundwater Management	20%
5. Public Affairs and Community Relations	10%

The following methodology is subject to change and may be changed unilaterally by the CO:

Award Fee Calculation Methodology:

1. PTE assigns rating (0-25) for each Performance Requirement.
2. Multiply weighting percentage to each PR to arrive at weighted result.
3. Add weighted results together to arrive at overall weighted result.

Example:

PTE Ratings: Project Management - 25
Project Integration – 24
Project Support Services – 23
Groundwater Management – 22
Public Affairs and Community Relations – 20

Weighted Result: (25 x 20%) + (24 x 25%) + (23 x 25%) + (22 x 20%) + (20 x 10%) = 23.15, rounded to 23.
Overall Weighted Result: 23
Adjective rating (IAW Award Fee Conversion Chart): Excellent

Exhibit 6 -- is subject to change, and may be changed unilaterally by the CO:

Note: Areas within an evaluation criterion are not sub-criteria and will not be individually rated but will be considered in the overall evaluation for that particular evaluation criterion.

PERFORMANCE EVALUATION CRITERIA					
(IDENTIFY QUARTER)					
	RATING (Check Appropriate Box)				
CATEGORY OF PERFORMANCE (EVALUATION WEIGHTING)	**EXCELLENT**	**VERY GOOD**	**GOOD**	**SATISFACTORY**	**UNSATISFACTORY**
PROJECT MANAGEMENT (20%)					
EVALUATION POINTS:	23-25	19-22	14-18	8-13	0-7
EVALUATION CRITERIA:	NOTES ON STRENGTHS AND WEAKNESSES				
Ensures compliance with environmental control laws, regulations and policies.					
In compliance with applicable DOE Orders and Directives, provides effective baseline control, management of emerging issues, quality and compliance, and timely and effective establishment, tracking, monitoring, and resolution of corrective actions.					
Effective execution of initiatives which result in tangible savings to DOE (cost, schedule or risk).					
The Program Manager shall have timely and effective communications with the FPD and be readily available to address FPD concerns.					
The Program Manager shall maintain sufficient presence at both the Moab and Crescent Junction sites and exercise management oversight including open and thorough communications with the TAC staff to ensure effective and successful operations.					
SUB-CRITERIA: QUALITY ASSURANCE					
Timely submittal of effective Quality Assurance					

Plan	
Effective compliance with Quality Assurance Plan requirements	

PERFORMANCE EVALUATION CRITERIA *(IDENTIFY QUARTER)*					
	RATING (Check Appropriate Box)				
CATEGORY OF PERFORMANCE (EVALUATION WEIGHTING)	EXCELLENT	VERY GOOD	GOOD	SATISFACTORY	UNSATISFACTORY
PROJECT INTEGRATION (25%)					
EVALUATION POINTS:	23-25	19-22	14-18	8-13	0-7
EVALUATION CRITERIA:	NOTES ON STRENGTHS AND WEAKNESSES				
In compliance with applicable DOE Orders and Directives, provides efficient and effective Moab UMTRA project integration. This includes project controls, budget formulation and execution, project management using IPABS, financial management, performance measurement, change control administration, support for DOE data calls, and quarterly progress review support.					
Presents initiatives which result in tangible savings to DOE (cost, schedule or risk)					
Effective Project Management Programs, policies and systems as measured by compliance with contract requirements and sound business practices					
Maintain accurate and timely project baseline for cost, schedule and performance					
Effective change management processes in regards to maintaining an accurate project baseline					
Accurate and timely project reporting					
SUB-CRITERIA: CHANGE CONTROL ADMINISTRATION AND PERFORMANCE MANAGEMENT					
Effective Change Control Program					
Effective, accurate and timely Change Control					

PERFORMANCE EVALUATION CRITERIA *(IDENTIFY QUARTER)*					
	RATING (Check Appropriate Box)				
CATEGORY OF PERFORMANCE (EVALUATION WEIGHTING)	EXCELLENT	VERY GOOD	GOOD	SATISFACTORY	UNSATISFACTORY
PROJECT SUPPORT SERVICES (25%)					
EVALUATION POINTS:	23-25	19-22	14-18	8-13	0-7
EVALUATION CRITERIA:	NOTES ON STRENGTHS AND WEAKNESSES				
In compliance with applicable DOE Orders and Directives, provides efficient and effective Moab UMTRA project infrastructure services, to include health and safety oversight, information technology and communications, safeguards and security, records management, technical training, documentation support, graphics, reproduction and technical editing, revegetation, and property management.					
Effective execution of initiatives which result in tangible savings to DOE (cost, schedule or risk)					
Provides an annual summary describing the effectiveness of health and safety oversight.					
SUB-CRITERIA: RECORDS MANAGEMENT					
Overall level of compliance with applicable DOE Orders and other requirements cited by the PWS					
Quality, timeliness and accuracy of Records Management Plans					
Quality, timeliness, and accuracy of records products					
Responsiveness to data requests in addition to compliance with contract requirements regarding data releases (e.g., Privacy Act, etc.)					
SUB-CRITERIA: TRAINING					

Quality and effectiveness of training programs	
Timeliness and cost effectiveness of training programs	
SUB-CRITERIA: INFORMATION TECHNOLOGY AND TELECOMMUNICATION INFRASTRUCTURE	
IT/Telecommunications infrastructure meets contract requirements for effectiveness and affordability	
IT/Telecommunications infrastructure is reliable and secure	
IT/Telecommunications staff is knowledgeable and timely in meeting requests for support	
SUB-CRITERIA: SAFEGUARDS AND SECURITY	
Timeliness and quality of overall safeguards and security plan	
Effectiveness of safeguards and security operations	
Timeliness and effectiveness in badging support	
SUB-CRITERIA: PROPERTY MANAGEMENT	
Quality, effectiveness, and timeliness of Property Management Plans and Systems	
Effective property management operations – low loss rates	
Accurate property management records and inventories	
SUB-CRITERIA: DOCUMENTATION SUPPORT, GRAPHICS, REPRODUCTION	
Quality and timeliness of documentation support	
SUB-CRITERIA: ENVIRONMENT, SAFETY AND HEALTH SUPPORT	

Effective ES&H independent assessment program	
Development of effective ES&H policies and procedures	
Low accident/environmental release rates for environmental and safety issues and maintaining a safe working environment for health issues.	
SUB-CRITERIA: VICINITY PROPERTY INCLUSION SURVEYS	
Timely Completion of Vicinity Property Surveys	
Accurate Vicinity Property Surveys	
Timely and effective completion of Remediated Properties	
SUB-CRITERIA: REVEGETATION	
Quality of Revegetation Plan	
Overall effectiveness of revegetation efforts	
Adequate irrigation to keep plants alive	
Appropriate measures taken to keep weeds under control.	
Measures taken to keep noxious plants and invasive species off the Moab UMTRA Project.	

PERFORMANCE EVALUATION CRITERIA					
(IDENTIFY QUARTER)					
	RATING (Check Appropriate Box)				
CATEGORY OF PERFORMANCE (EVALUATION WEIGHTING)	EXCELLENT	VERY GOOD	GOOD	SATISFACTORY	UNSATISFACTORY
GROUNDWATER MANAGEMENT (20%)					
EVALUATION POINTS:	23-25	19-22	14-18	8-13	0-7
EVALUATION CRITERIA:	NOTES ON STRENGTHS AND WEAKNESSES				
In compliance with applicable DOE Orders and Directives, provides efficient and effective Moab UMTRA project ground water interim actions					
Submits yearly (beginning of each fiscal year) sampling plan work order for DOE approval.					
Provides DOE with timely validated data packages					
Produces an annual summary report on well field performance					
Provides an annual cell moisture report on standpipes at Crescent Junction disposal site					
Timely and effective design, implementation, operation and maintenance of Interim Groundwater corrective actions					
Effective evaporator and groundwater interim action well field operations and maintenance					
Timely and accurate annual groundwater program report					
Responsiveness to U.S. Fish and Wildlife issues regarding surface water and groundwater remediation at the Moab site					
Timely and effective sampling operations					

PERFORMANCE EVALUATION CRITERIA *(IDENTIFY QUARTER)*					
	RATING (Check Appropriate Box)				
CATEGORY OF PERFORMANCE (EVALUATION WEIGHTING)	**EXCELLENT**	**VERY GOOD**	**GOOD**	**SATISFACTORY**	**UNSATISFACTORY**
PUBLIC AFFAIRS AND COMMUNITY RELATIONS (10%)					
EVALUATION POINTS:	23-25	19-22	14-18	8-13	0-7
EVALUATION CRITERIA:	NOTES ON STRENGTHS AND WEAKNESSES				
In compliance with applicable DOE Orders and Directives, provides efficient and effective communications regarding the Moab UMTRA Project through interfacing with the local community and other stakeholders					
Works closely with the community on Moab Project issues/desires (Grand County Public Schools, Senior Center, etc.)					
Quality of Contractor documents released to the public/stakeholders in fostering positive public relations environment					
Quality and timeliness of support to DOE in preparing for public/stakeholder meetings and other community relations activities					

Exhibit 7: Adjectival Rating Summary Table

PERFORMANCE REQUIREMENT	ADJECTIVAL RATING
1. Project Management	
2. Project Integration	
3. Project Support Services	
4. Groundwater Management	
5. Public Affairs and Community Relations	

Exhibit 8: Annual Adjectival Rating Table

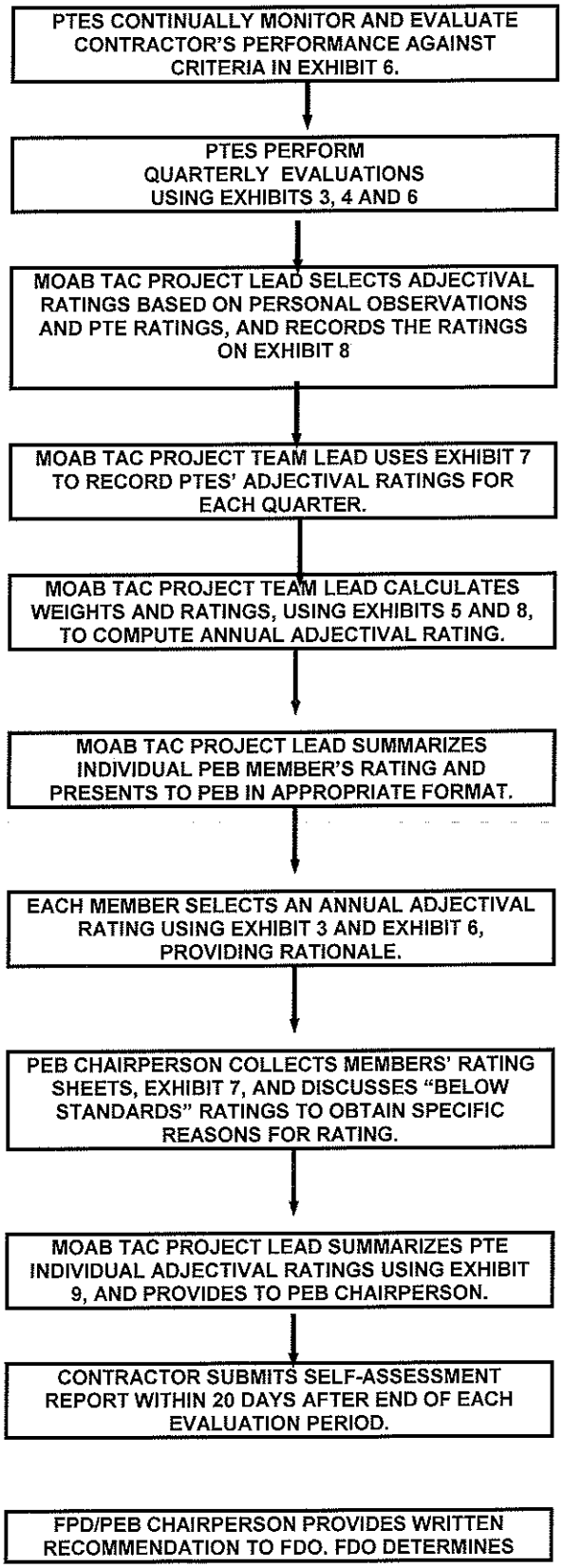
ANNUAL ADJECTIVAL RATING					
(IDENTIFY ANNUAL PERIOD)					
PERFORMANCE REQUIREMENT	ADJECTIVE RATING				
	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Recommended Rating for the Year
1. Project Management					
2. Project Integration					
3. Project Support Services					
4. Groundwater Management					
5. Public Affairs and Community Relations					

Exhibit 9: Summary of PEB's Rating

SUMMARY OF PEB'S RATING *(IDENTIFY ANNUAL PERIOD)*					
Member	**Project Management**	**Project Integration**	**Project Support Services**	**Groundwater Management**	**Public Affairs and Community Relations**
Insert Name of Voter					
Insert Name of Voter					
Insert Name of Voter					
Insert Name of Voter					
Insert Name of Voter					
TOTALS					

Exhibit 10

AWARD FEE PROCESS FLOWCHART



FINAL AWARD FEE BASED ON ALL INFORMATION FURNISHED.

WITHIN 10 DAYS AFTER RECEIPT OF PEB'S REPORT, FDO NOTIFIES PEB CHAIRPERSON AND CO OF FINAL DETERMINATION OF AWARD FEE.

CO SUBMITS TO EMCBC HEAD OF CONTRACTING ACTIVITY THE FINAL FEE DETERMINATION FOR CONCURRENCE

CO PREPARES LETTER FOR FDO SIGNATURE IDENTIFYING AWARD FEE AMOUNT TO CONTRACTOR; CO MODIFIES CONTRACT REFLECTING FDO'S DETERMINATION

CO NOTIFIES CONTRACTOR OF FDO'S FINAL FEE DETERMINATION WITH UNILATERAL MOD TO CONTRACT

CONTRACTOR PREPARES SEPARATE VOUCHER BASED ON FDO'S FEE NOTICE AND SUBMITS FOR PAYMENT

PART III – LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS

SECTION J

ATTACHMENT 7

FY2011 ANNUAL PERFORMANCE AGREEMENT WITH THE ASSISTANT SECRETARY

Office of Environmental Management
Performance Agreement with the Assistant Secretary

Overview

The Office of Environmental Management (EM) is working to complete the safe cleanup of the environmental legacy brought about from five decades of nuclear weapons development and government-sponsored nuclear energy research. For FY 2011, EM's commitments advance the program and management goals, priorities, and expectations of Assistant Secretary Inés Triay and move us toward a more efficient and effective organization. We have begun the difficult task of developing and implementing a new business model that reflects a management philosophy of empowering the Field with the authorities and resources necessary to successfully execute the EM Program mission. This business model also supports EM leadership's vision of creating an enduring management model that normalizes and enhances EM's ability to function as a high-performing organization. The expectation is that EM will perform at such a high level that the Government Accountability Office removes it from the list of high-risk organizations. This new business model will be a major step forward in achieving this goal.

Building on Our Success

Since the start of the EM organization in the late 1980s, we have accomplished much for the Nation in fulfilling our cleanup mission. In FY 2011, we will continue to build on our progress by improving our safety performance; realigning the Headquarters/Field authorities and resources; improving project performance; achieving excellence in leadership; and establishing strategic options for the EM portfolio.

Improving Our Processes

With the new business model, we are improving the measures for these commitments. They are more specific, quantified, and meaningful for managers, employees, and stakeholders. This agreement is the commitment by the Environmental Management leadership team to turn resources into results. We will continually improve EM as we create an organization that works better and costs less.

EM's primary responsibility is the safe cleanup of the environmental legacy. It is the purpose for which Congress established the EM Program. Programmatic success will be measured by *what* is accomplished, i.e., the number of sites restored, quantities of material treated and disposed of, amounts of soil and groundwater remediated, etc. However, overall success will also be measured by *how* the program is managed, i.e., through critical management goals such as safety performance, project and contract management, and excellence in business management practices and leadership.

Mission

To safely transform the environmental legacy into assets available for the Nation's future by completing quality cleanup work on schedule and within cost, delivering demonstrated value to the American taxpayer.

Vision

To be viewed as one of the best managed government programs and the employer of choice in the Federal Government.

Principles and Values

In February 2010, Secretary of Energy Chu issued seven management principles to guide the Department of Energy in fulfilling its mission and in its daily operations. The Office of Environmental Management has fully embraced these principles.

1. Our mission is vital and urgent.
2. Science and technology lie at the heart of our mission.
3. We will treat our people as our greatest asset.
4. We will pursue our mission in a manner that is safe, secure, legally and ethically sound, and fiscally responsible.
5. We will manage risk in fulfilling our mission.
6. We will apply validated standards and rigorous peer review.
7. We will succeed only through teamwork and continuous improvement.

In addition to the Department's Management Principles, the Office of Environmental Management has developed a set of core values that serve as the "rules of the road" on our journey to excellence.

1. We care about our mission, have a sense of urgency in the pursuit of our goals and a desire for quality in our work.
2. We demonstrate accountability by taking ownership, meeting our commitments, and admitting our mistakes.
3. We acknowledge and reward individual and team successes.

4. We talk directly and honestly to each other to resolve conflict in a timely and respectful manner.

5. We communicate clearly and concisely and check for understanding.

6. We ask for help when we need it and we look for ways to help each other succeed.

7. We have a questioning attitude and pursue issues until a decision is made.

Program-Related Commitments

EM continues to pursue its cleanup objectives within the overall framework of achieving the greatest risk reduction benefit per radioactive content and overlaying regulatory compliance commitments and best business practices to maximize cleanup progress. To support this approach EM has prioritized its cleanup activities:

- Essential activities to maintain a safe, secure, and compliant posture in the EM complex
- Radioactive tank waste stabilization, treatment, and disposal
- Spent nuclear fuel (SNF) storage, receipt, and disposition
- Special nuclear material (SNM) consolidation, stabilization, and disposition
- Transuranic (TRU) and mixed/low-level waste (M/LLW) disposition
- Groundwater and soil remediation
- Excess facilities deactivation and decommissioning (D&D)

Under each of our Program Goals, EM has established strategies that address our most significant goals. Under each strategy, and consistent with our budget for FY 2011, we have established "measures of success." In this FY 2011 Agreement, we have set forth a total of 21 program-related strategies and 15 measures of success.

The following Program Goals, strategies and metrics are our commitments for FY 2011 as we strive to raise the level of our overall performance. In several instances our metrics go beyond the levels defined in our individual performance plans and are intended to stretch the organization and develop a team commitment to EM's strategic goals. Where indicated, a few of the particularly demanding metrics are expressed as ranges with the intent to bound meeting versus exceeding expectations.

Goal 1. Complete the three major tank waste treatment construction projects within the approved baselines.

- Work with the Federal staff, contractors, and union representatives to ensure that the projects have the necessary tools (such as technology resources, innovative tools to maintain motivation, and a strong owner's presence) to succeed in the most efficient manner.
- Partner with national laboratories, industry, academia, and the Corps of Engineers to ensure the best scientific and engineering resources are used, so that the technologies selected for development and deployment and the design and construction approaches used will help reduce risk, lower cost, and accelerate project completion.
- Establish an integrated design/engineering testing and commissioning framework across the EM complex to support project teams and enhance technical decision-making.
- Use the Code of Record concept to only make project changes that are essential to project success.
- Use Construction Project Reviews (CPRs) to identify and assist in resolution of key project issues related to scope, cost, schedule, project risk management, and technical approach.
- Ensure the contract fee is aligned with completion of each capital asset.

Success will be measured by:

FY 2011 Metric 1.1: *Project cost and schedule performance indices between 0.9 and 1.15.*

FY 2011 Metric 1.2: *Ninety (90) percent of CPRs are performed as scheduled and demonstrate continuous improvement in the severity and impact of CPR recommendations.*

FY 2011 Metric 1.3: *Ninety (90) percent of Corrective Actions associated with recommendations identified in CPRs are finished within six months of the completion of each CPR.*

FY 2011 Metric 1.4: *Interim success parameters, including schedule milestone metrics for each project, are developed by 12/30/10, and are evaluated monthly and used to predict project success.*

Goal 2. Reduce the life-cycle costs and accelerate the cleanup of the Cold War environmental legacy.

- Develop an R&D roadmap for the development and application of advanced modeling and simulation tools to accelerate progress on EM challenges in 2011.
- Engage the Department's basic and applied research capabilities to develop novel methods for addressing high-level waste that can accelerate progress and reduce costs of this multi-decadal program.

- Prioritize the technology development and deployment (TDD), base, and applicable Recovery Act funds to best achieve this goal.
- Integrate and manage the TDD investment and insert technologies at appropriate maturity.
- Continue to use the National Academy of Sciences, Environmental Management Advisory Board, EM Technical Experts Group, and the expertise of EM Federal staff to inform us on how best to achieve reductions in the life-cycle cost for the tank waste mission.
- Provide Blue Ribbon Commission (BRC) information and cost benefits based on current plans and potential improvements.
- Use appropriate system planning models to demonstrate the benefit of deploying state-of-the-art technologies and/or more effective strategies in order to reduce the life-cycle cost of the tank waste cleanup mission.

Success will be measured by:

FY 2011 Metric 2.1: *The Enhanced Tank Waste Strategic Investment Portfolio (ETW-SIP) is developed by 9/30/11, consistent with EM's long-term vision to accelerate the cleanup schedule by six years at Savannah River Site (SRS), reducing environmental liability/life-cycle costs by $3 billion at SRS.*

FY 2011 Metric 2.2: *The Enhanced Tank Waste Strategic Investment Portfolio (ETW-SIP) is developed by 9/30/11, consistent with EM's long-term vision to accelerate the cleanup schedule by seven years at Hanford, reducing environmental liability/life-cycle costs by $16 billion at Hanford.*

FY 2011 Metric 2.3: *Ensuring budget planning such that both Hanford and SRS baselines reflect the new transformational technologies required to support the ETW-SIP by 9/30/11.*

FY 2011 Metric 2.4: *Ensuring that requirements and appropriate baseline planning at Hanford and SRS are complete by 6/30/11 to support the ETW-SIP using new transformational technologies.*

FY 2011 Metric 2.5: *By 9/30/11, developing and utilizing EM's strategic planning tools to identify the benefits of deploying state-of-the-art technologies and/or more effective strategies to reduce the life-cycle cost of the tank waste cleanup mission.*

Goal 3. Complete disposition of 90 percent of legacy TRU waste by the end of 2015.

- Centralize the characterization of small quantity sites' TRU waste in Idaho.
- Expand and enhance Central Characterization Program capabilities.
- Utilize shielded canisters to accelerate transportation and disposal of RH TRU wastes.
- Process and dispose of Large Box TRU, utilizing the TRUPACT-III.
- Align contract incentives at Waste Isolation Pilot Plant (WIPP) and TRU generator sites to support specific legacy TRU disposition targets each year.

Success will be measured by:

FY 2011 Metric 3.1: *Attaining a disposition rate of 6,000 to 8,000 cubic meters (meets/exceeds, respectively) of TRU waste across the EM complex by 9/30/11.*

FY 2011 Metric 3.2: *Completing the disposition of TRU waste from six to eight (meets/exceeds, respectively) of the eight small quantity sites identified in the Carlsbad Field Office (CBFO) TRU Waste Acceleration Plan by 9/30/11.*

FY 2011 Metric 3.3: *Meeting 90 percent of legacy TRU disposition related site regulatory milestones by 9/30/11.*

Goal 4. Reduce the EM legacy footprint by 40 percent by the end of 2011, leading to approximately 90 percent reduction by 2015.

- Utilize $6 billion from the American Recovery and Reinvestment Act.
- Work with regulators and stakeholders to ensure compliance and timely implementation of required cleanup actions.
- Focus on completion of EM activities (transuranic waste, low-level waste, soil and groundwater, and D&D) resulting in reduced environmental risks to the community.

Success will be measured by:

FY 2011 Metric 4.1: *Reducing the active EM footprint from 931 to approximately 560 square miles by 9/30/11.*

FY 2011 Metric 4.2: *Delivering on 90 to 100 percent (meets/exceeds, respectively) of EM's compliance commitments (acceleration of 46 milestones by 9/30/11).*

FY 2011 Metric 4.3: *Accelerating the legacy cleanup at Brookhaven National Laboratory (BNL), SLAC National Accelerator Laboratory (SLAC), and Separations Process Research Unit (SPRU) to allow completion by 9/30/11.*

Management-Related Commitments

EM continues to pursue its commitment to becoming a high-performing organization guided by its vision of excellence, core values, its Roadmap to Excellence, and the implementation of its new business model. To support this approach, EM has identified the following Management Goals, strategies, and metrics for our FY 2011 contract.

Under each of our Management Goals, EM has established strategies that address our most significant goals. Under each strategy, and consistent with our budget for FY 2011, we have established "measures of success." In this FY 2011 Agreement, we have set forth a total of 16 Management-related strategies and 18 measures of success.

Goal 5. Improve safety, security and quality assurance towards a goal of zero accidents, incidents, and defects.

- Ensure that EM sites and projects integrate safety, security and quality, and evaluate performance indicators that measure these functions, throughout the applicable life-cycle including procurement, design, engineering, construction, commissioning, operation, deactivation/decommissioning, and environmental restoration.
- Use sound science and engineering along with developing a proactive relationship with the Defense Nuclear Facilities Safety Board (DNFSB) to expeditiously resolve Board concerns and issues.
- Ensure EM Headquarters and Field elements continue to identify and deploy strategies and approaches that guarantee strong safety and security cultures are in place, such as Human Performance Improvement, performance and vulnerability assessments, and enhancement of the self-assessment process, focusing improvement efforts on areas of poorest performance.
- Employ a risk-based decision-making process for operation and decommissioning of EM facilities.

Success will be measured by:

FY 2011 Metric 5.1: *Maintaining an average Total Recordable Case rate of <1.3 and a Days Away from Work, Restricted Work or Transfer case rate of <0.6 – 0.7 (exceeds/meets, respectively).*

FY 2011 Metric 5.2: *Attain and maintain zero cases where poor quality assurance practices by vendors, subcontractors, and prime contractors results in the installation of defective equipment or software within EM nuclear facilities.*

FY 2011 Metric 5.3: *Attain a level of zero to 20 percent overdue action items (exceeds/meets, respectively) resulting from DNFSB letters or recommendations, as identified in the DOE Safety Issues Management System by 9/30/11.*

FY 2011 Metric 5.4: *Developing a concise statement by 9/30/11 that defines EM's vision that can be used to improve the effectiveness and focus of EM's annual ISM validation.*

FY 2011 Metric 5.5: *Developing an interim EM risk informed decision-making policy, and associated requirements and guidance by 9/30/11.*

Goal 6. Improve contract and project management with the objective of delivering results on time, and within cost.

- Use the EM Contract and Project Management Corrective Action Plan as a starting point and create an internal quality assurance process that will lead to successful and sustained execution of EM contract and project management improvements.
- Improve and expand the use of independent contract and project reviews, construction project reviews, peer reviews, and external independent reviews to keep contracts and projects aligned and on track. Conduct verification and validation reviews to ensure that performance data is credible and reliable.
- Strengthen the integration of acquisition and project management processes so that contract statements of work and deliverables are based on clear project requirements, robust front-end planning and risk analysis, ensuring that nuclear safety requirements are addressed early, and changes to contract and project baseline and the contract are managed through strict and timely change control processes.
- Complete restructuring of the EM cleanup projects into smaller, more definitive capital projects and non-capital operations activities. Adhere to DOE Order 413.3A for planning and execution of capital assets and follow the same discipline for managing the non-capital asset operations activities, e.g., establishing approval authorities, performance goals and metrics, project director designation, and change control procedures.
- Become a stronger owner by holding contractors accountable and pursue partnering relationships to create win-win scenarios, where both the Federal staff and contractor staff understand and respect the rules of engagement and build better business relationships. Also, build stronger relationships with oversight organizations to improve communications and demonstrate transparency and accountability in EM's contract and project management.

- Develop EM-specific cost estimating policy, guidance, historical cost databases, and expertise to improve our ability to perform Independent Government Cost Estimates as well as Independent Cost Reviews and validation of contractor-generated cost estimates.
- Invest in personnel development by providing training and career development in contract and project management.

Success will be measured by:

FY 2011 Metric 6.1: *Completing 90 percent of capital asset projects (initiated after the DOE Root Cause Analysis report was issued) within 10 percent of original cost and schedule performance baselines unless otherwise impacted by a directed change by 9/30/11.*

FY 2011 Metric 6.2: *Maintaining at least 95 to 98 percent (meets/exceeds, respectively) of project performance data reporting in IPABS/PARS II error free by 9/30/11.*

FY 2011 Metric 6.3: *Approving 80 percent of contract performance baselines within 180 days from contractor's final accepted submission.*

FY 2011 Metric 6.4: *Finalizing 80 percent of change orders within 180 days.*

FY 2011 Metric 6.5: *Negotiating 90 percent of project changes that require contract modifications in advance of Acquisition Executive approval by 9/30/11.*

FY 2011 Metric 6.6: *Managing life-cycle costs within five percent of current EM program portfolio using FY 2011 Budget and Planning Guidance by 9/30/11.*

FY 2011 Metric 6.7: *Implementing partnering agreements for at least five major contracts by 9/30/11.*

FY 2011 Metric 6.8: *Ensuring 85 percent of contracting series workforce has appropriate certification.*

FY 2011 Metric 6.9: *Ensuring 90 percent of projects have Federal Project Directors certified at the appropriate level assigned to projects no later than Critical Decision 3.*

FY 2011 Metric 6.10: *Achieving EM overall prime contract small business goal of five percent.*

Goal 7. Achieve excellence in management and leadership, making EM one of the best places to work in the Federal Government.

- Benchmark best-in-class agencies (the Nuclear Regulatory Commission ranked number one in this year's Partnership for Public Service [PPS] survey) and develop improvement

plans in the areas of leadership, planning, performance tracking, work/business processes, customer service/relations, and accountability.

- Utilize the Federal Employee Viewpoint Survey (EVS), the PPS Survey, and follow-up targeted surveys such as 360-degree evaluations to address those attributes of management and leadership that EM must direct particular attention to if it is to become best-in-class in the Federal Government.

    - Create an EM Continuous Improvement Program that incorporates all lessons learned from previous oversight reports to improve the efficiency and effectiveness of EM operations.

- Establish sustainability goal targets for Field Offices and projects.

- Support DOE corporate management improvement initiatives.

Success will be measured by:

FY 2011 Metric 7.1: *Developing and implementing a Continuous Improvement Program by 3/31/11 and measuring performance through monthly reviews.*

FY 2011 Metric 7.2: *Implementing 75 percent of recommendations of the Employee Viewpoint Survey Working Group and soliciting feedback by 9/01/11.*

FY 2011 Metric 7.3: *Conducting benchmarking with best-in-class agencies by 3rd Quarter FY 2011, and performing a gap analysis and developing recommended actions to close gaps by 9/30/11.*

Measurement and Monitoring of Performance

To maintain focus, a sense of urgency, and to have a real impact on performance, there will be periodic reviews of progress, discussion of difficulties encountered, and agreement on appropriate actions. These reviews will be held between the Assistant Secretary and/or her designees and EM's management leadership. Any specific reporting requirements will be developed jointly with the EM managers.

Assistant Secretary Support

In order to accomplish the goals herein described, it is the Assistant Secretary's objective to provide visible, high profile support by:

- Ensuring that the necessary resources are in place to promote the success of these goals;

- Communicating goal achievement and progress periodically through EM Updates, EMFEDCAST and other media;
- Championing each X-Team's efforts to implement their action plans;
- Formally recognizing superior efforts in achieving goals through incentive awards; and,
- Communicating, negotiating and mitigating responses and issues with senior Department and private sector official.

WD 05-2531 (Rev.-11) was first posted on www.wdol.gov on 06/17/2011
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REGISTER OF WAGE DETERMINATIONS UNDER THE SERVICE CONTRACT ACT By direction of the Secretary of Labor	U.S. DEPARTMENT OF LABOR EMPLOYMENT STANDARDS ADMINISTRATION WAGE AND HOUR DIVISION WASHINGTON D.C. 20210
Diane C. Koplewski Division of Director Wage Determinations	Wage Determination No.: 2005-2531 Revision No.: 11 Date Of Revision: 06/13/2011

State: Utah
Area: Utah Statewide

Fringe Benefits Required Follow the Occupational Listing

OCCUPATION CODE - TITLE	FOOTNOTE	RATE
01000 - Administrative Support And Clerical Occupations		
01011 - Accounting Clerk I		12.81
01012 - Accounting Clerk II		14.38
01013 - Accounting Clerk III		16.09
01020 - Administrative Assistant		18.47
01040 - Court Reporter		19.50
01051 - Data Entry Operator I		11.89
01052 - Data Entry Operator II		12.98
01060 - Dispatcher, Motor Vehicle		16.80
01070 - Document Preparation Clerk		14.10
01090 - Duplicating Machine Operator		14.10
01111 - General Clerk I		11.54
01112 - General Clerk II		12.59
01113 - General Clerk III		14.13
01120 - Housing Referral Assistant		16.51
01141 - Messenger Courier		11.64
01191 - Order Clerk I		12.93
01192 - Order Clerk II		14.11
01261 - Personnel Assistant (Employment) I		14.71
01262 - Personnel Assistant (Employment) II		16.45
01263 - Personnel Assistant (Employment) III		18.35
01270 - Production Control Clerk		17.99
01280 - Receptionist		10.46
01290 - Rental Clerk		11.44
01300 - Scheduler, Maintenance		13.23
01311 - Secretary I		13.23
01312 - Secretary II		14.80
01313 - Secretary III		16.51
01320 - Service Order Dispatcher		14.95
01410 - Supply Technician		18.43
01420 - Survey Worker		12.10
01531 - Travel Clerk I		12.39
01532 - Travel Clerk II		13.15
01533 - Travel Clerk III		13.78
01611 - Word Processor I		13.94
01612 - Word Processor II		15.88
01613 - Word Processor III		17.61
05000 - Automotive Service Occupations		
05005 - Automobile Body Repairer, Fiberglass		19.06
05010 - Automotive Electrician		18.09
05040 - Automotive Glass Installer		17.17
05070 - Automotive Worker		17.14
05110 - Mobile Equipment Servicer		15.24

05130 - Motor Equipment Metal Mechanic	18.82
05160 - Motor Equipment Metal Worker	17.14
05190 - Motor Vehicle Mechanic	17.82
05220 - Motor Vehicle Mechanic Helper	14.11
05250 - Motor Vehicle Upholstery Worker	16.19
05280 - Motor Vehicle Wrecker	17.14
05310 - Painter, Automotive	18.09
05340 - Radiator Repair Specialist	17.14
05370 - Tire Repairer	12.41
05400 - Transmission Repair Specialist	18.46
07000 - Food Preparation And Service Occupations	
07010 - Baker	11.60
07041 - Cook I	10.72
07042 - Cook II	12.42
07070 - Dishwasher	8.06
07130 - Food Service Worker	8.28
07210 - Meat Cutter	13.77
07260 - Waiter/Waitress	9.23
09000 - Furniture Maintenance And Repair Occupations	
09010 - Electrostatic Spray Painter	17.05
09040 - Furniture Handler	12.27
09080 - Furniture Refinisher	17.05
09090 - Furniture Refinisher Helper	12.86
09110 - Furniture Repairer, Minor	14.77
09130 - Upholsterer	17.05
11000 - General Services And Support Occupations	
11030 - Cleaner, Vehicles	9.62
11060 - Elevator Operator	9.62
11090 - Gardener	13.88
11122 - Housekeeping Aide	9.99
11150 - Janitor	9.99
11210 - Laborer, Grounds Maintenance	10.72
11240 - Maid or Houseman	8.86
11260 - Pruner	10.07
11270 - Tractor Operator	12.94
11330 - Trail Maintenance Worker	10.72
11360 - Window Cleaner	11.14
12000 - Health Occupations	
12010 - Ambulance Driver	14.67
12011 - Breath Alcohol Technician	14.74
12012 - Certified Occupational Therapist Assistant	20.78
12015 - Certified Physical Therapist Assistant	18.90
12020 - Dental Assistant	13.03
12025 - Dental Hygienist	30.54
12030 - EKG Technician	23.74
12035 - Electroneurodiagnostic Technologist	23.74
12040 - Emergency Medical Technician	14.67
12071 - Licensed Practical Nurse I	14.56
12072 - Licensed Practical Nurse II	16.29
12073 - Licensed Practical Nurse III	18.17
12100 - Medical Assistant	12.85
12130 - Medical Laboratory Technician	13.99
12160 - Medical Record Clerk	12.64
12190 - Medical Record Technician	14.89
12195 - Medical Transcriptionist	14.45
12210 - Nuclear Medicine Technologist	31.97
12221 - Nursing Assistant I	10.00
12222 - Nursing Assistant II	11.24
12223 - Nursing Assistant III	12.26
12224 - Nursing Assistant IV	13.77
12235 - Optical Dispenser	15.17

12236 - Optical Technician		12.73
12250 - Pharmacy Technician		14.80
12280 - Phlebotomist		13.77
12305 - Radiologic Technologist		21.51
12311 - Registered Nurse I		22.82
12312 - Registered Nurse II		27.91
12313 - Registered Nurse II, Specialist		27.91
12314 - Registered Nurse III		33.76
12315 - Registered Nurse III, Anesthetist		33.76
12316 - Registered Nurse IV		40.47
12317 - Scheduler (Drug and Alcohol Testing)		18.69
13000 - Information And Arts Occupations		
13011 - Exhibits Specialist I		16.49
13012 - Exhibits Specialist II		20.44
13013 - Exhibits Specialist III		25.00
13041 - Illustrator I		18.72
13042 - Illustrator II		23.20
13043 - Illustrator III		28.30
13047 - Librarian		22.73
13050 - Library Aide/Clerk		10.45
13054 - Library Information Technology Systems Administrator		20.53
13058 - Library Technician		13.18
13061 - Media Specialist I		14.81
13062 - Media Specialist II		16.57
13063 - Media Specialist III		18.48
13071 - Photographer I		15.59
13072 - Photographer II		17.59
13073 - Photographer III		21.61
13074 - Photographer IV		26.44
13075 - Photographer V		31.98
13110 - Video Teleconference Technician		16.34
14000 - Information Technology Occupations		
14041 - Computer Operator I		15.11
14042 - Computer Operator II		16.90
14043 - Computer Operator III		19.95
14044 - Computer Operator IV		21.75
14045 - Computer Operator V		24.10
14071 - Computer Programmer I	(see 1)	23.80
14072 - Computer Programmer II	(see 1)	
14073 - Computer Programmer III	(see 1)	
14074 - Computer Programmer IV	(see 1)	
14101 - Computer Systems Analyst I	(see 1)	
14102 - Computer Systems Analyst II	(see 1)	
14103 - Computer Systems Analyst III	(see 1)	
14150 - Peripheral Equipment Operator		14.59
14160 - Personal Computer Support Technician		21.75
15000 - Instructional Occupations		
15010 - Aircrew Training Devices Instructor (Non-Rated)		31.89
15020 - Aircrew Training Devices Instructor (Rated)		38.58
15030 - Air Crew Training Devices Instructor (Pilot)		42.72
15050 - Computer Based Training Specialist / Instructor		31.89
15060 - Educational Technologist		22.83
15070 - Flight Instructor (Pilot)		42.72
15080 - Graphic Artist		19.67
15090 - Technical Instructor		18.64
15095 - Technical Instructor/Course Developer		22.82
15110 - Test Proctor		15.04
15120 - Tutor		15.04
16000 - Laundry, Dry-Cleaning, Pressing And Related Occupations		
16010 - Assembler		9.04

16030 - Counter Attendant	9.04
16040 - Dry Cleaner	12.02
16070 - Finisher, Flatwork, Machine	9.04
16090 - Presser, Hand	9.04
16110 - Presser, Machine, Drycleaning	9.04
16130 - Presser, Machine, Shirts	9.04
16160 - Presser, Machine, Wearing Apparel, Laundry	9.04
16190 - Sewing Machine Operator	12.90
16220 - Tailor	13.67
16250 - Washer, Machine	10.09
19000 - Machine Tool Operation And Repair Occupations	
19010 - Machine-Tool Operator (Tool Room)	18.68
19040 - Tool And Die Maker	21.89
21000 - Materials Handling And Packing Occupations	
21020 - Forklift Operator	14.31
21030 - Material Coordinator	18.38
21040 - Material Expediter	18.38
21050 - Material Handling Laborer	11.67
21071 - Order Filler	11.96
21080 - Production Line Worker (Food Processing)	14.31
21110 - Shipping Packer	13.08
21130 - Shipping/Receiving Clerk	13.08
21140 - Store Worker I	10.83
21150 - Stock Clerk	15.07
21210 - Tools And Parts Attendant	14.31
21410 - Warehouse Specialist	14.31
23000 - Mechanics And Maintenance And Repair Occupations	
23010 - Aerospace Structural Welder	25.76
23021 - Aircraft Mechanic I	24.30
23022 - Aircraft Mechanic II	25.76
23023 - Aircraft Mechanic III	26.95
23040 - Aircraft Mechanic Helper	16.74
23050 - Aircraft, Painter	22.63
23060 - Aircraft Servicer	19.31
23080 - Aircraft Worker	20.59
23110 - Appliance Mechanic	18.84
23120 - Bicycle Repairer	12.41
23125 - Cable Splicer	25.98
23130 - Carpenter, Maintenance	17.48
23140 - Carpet Layer	16.82
23160 - Electrician, Maintenance	20.33
23181 - Electronics Technician Maintenance I	21.64
23182 - Electronics Technician Maintenance II	23.70
23183 - Electronics Technician Maintenance III	25.21
23260 - Fabric Worker	17.27
23290 - Fire Alarm System Mechanic	20.83
23310 - Fire Extinguisher Repairer	16.01
23311 - Fuel Distribution System Mechanic	23.58
23312 - Fuel Distribution System Operator	17.93
23370 - General Maintenance Worker	16.62
23380 - Ground Support Equipment Mechanic	24.30
23381 - Ground Support Equipment Servicer	19.31
23382 - Ground Support Equipment Worker	20.59
23391 - Gunsmith I	16.01
23392 - Gunsmith II	18.54
23393 - Gunsmith III	21.06
23410 - Heating, Ventilation And Air-Conditioning Mechanic	19.11
23411 - Heating, Ventilation And Air Contditioning Mechanic (Research Facility)	19.96
23430 - Heavy Equipment Mechanic	22.27

23440 - Heavy Equipment Operator	18.92
23460 - Instrument Mechanic	23.00
23465 - Laboratory/Shelter Mechanic	19.80
23470 - Laborer	11.11
23510 - Locksmith	16.75
23530 - Machinery Maintenance Mechanic	20.97
23550 - Machinist, Maintenance	18.47
23580 - Maintenance Trades Helper	13.08
23591 - Metrology Technician I	23.00
23592 - Metrology Technician II	24.38
23593 - Metrology Technician III	25.51
23640 - Millwright	22.04
23710 - Office Appliance Repairer	18.51
23760 - Painter, Maintenance	18.43
23790 - Pipefitter, Maintenance	21.59
23810 - Plumber, Maintenance	20.85
23820 - Pneudraulic Systems Mechanic	21.06
23850 - Rigger	21.06
23870 - Scale Mechanic	18.54
23890 - Sheet-Metal Worker, Maintenance	20.68
23910 - Small Engine Mechanic	17.46
23931 - Telecommunications Mechanic I	24.64
23932 - Telecommunications Mechanic II	26.12
23950 - Telephone Lineman	20.43
23960 - Welder, Combination, Maintenance	17.45
23965 - Well Driller	21.48
23970 - Woodcraft Worker	21.06
23980 - Woodworker	14.12
24000 - Personal Needs Occupations	
24570 - Child Care Attendant	9.97
24580 - Child Care Center Clerk	12.45
24610 - Chore Aide	9.86
24620 - Family Readiness And Support Services Coordinator	11.70
24630 - Homemaker	13.78
25000 - Plant And System Operations Occupations	
25010 - Boiler Tender	25.82
25040 - Sewage Plant Operator	19.53
25070 - Stationary Engineer	25.82
25190 - Ventilation Equipment Tender	17.29
25210 - Water Treatment Plant Operator	19.53
27000 - Protective Service Occupations	
27004 - Alarm Monitor	15.44
27007 - Baggage Inspector	12.47
27008 - Corrections Officer	19.80
27010 - Court Security Officer	19.30
27030 - Detection Dog Handler	18.83
27040 - Detention Officer	19.80
27070 - Firefighter	18.02
27101 - Guard I	12.47
27102 - Guard II	18.83
27131 - Police Officer I	21.39
27132 - Police Officer II	23.69
28000 - Recreation Occupations	
28041 - Carnival Equipment Operator	10.98
28042 - Carnival Equipment Repairer	11.75
28043 - Carnival Equpment Worker	8.65
28210 - Gate Attendant/Gate Tender	14.59
28310 - Lifeguard	11.17
28350 - Park Attendant (Aide)	16.32
28510 - Recreation Aide/Health Facility Attendant	11.91

28515 - Recreation Specialist		16.29
28630 - Sports Official		13.00
28690 - Swimming Pool Operator		15.88
29000 - Stevedoring/Longshoremen Occupational Services		
29010 - Blocker And Bracer		22.52
29020 - Hatch Tender		22.52
29030 - Line Handler		22.52
29041 - Stevedore I		20.98
29042 - Stevedore II		24.05
30000 - Technical Occupations		
30010 - Air Traffic Control Specialist, Center (HFO)	(see 2)	35.77
30011 - Air Traffic Control Specialist, Station (HFO)	(see 2)	24.66
30012 - Air Traffic Control Specialist, Terminal (HFO)	(see 2)	27.16
30021 - Archeological Technician I		17.36
30022 - Archeological Technician II		18.37
30023 - Archeological Technician III		22.75
30030 - Cartographic Technician		22.75
30040 - Civil Engineering Technician		19.83
30061 - Drafter/CAD Operator I		17.36
30062 - Drafter/CAD Operator II		18.37
30063 - Drafter/CAD Operator III		20.48
30064 - Drafter/CAD Operator IV		24.96
30081 - Engineering Technician I		14.56
30082 - Engineering Technician II		16.34
30083 - Engineering Technician III		18.28
30084 - Engineering Technician IV		22.65
30085 - Engineering Technician V		27.71
30086 - Engineering Technician VI		32.84
30090 - Environmental Technician		20.38
30210 - Laboratory Technician		19.00
30240 - Mathematical Technician		22.75
30361 - Paralegal/Legal Assistant I		17.20
30362 - Paralegal/Legal Assistant II		21.32
30363 - Paralegal/Legal Assistant III		26.08
30364 - Paralegal/Legal Assistant IV		31.55
30390 - Photo-Optics Technician		22.75
30461 - Technical Writer I		20.95
30462 - Technical Writer II		25.64
30463 - Technical Writer III		31.00
30491 - Unexploded Ordnance (UXO) Technician I		22.74
30492 - Unexploded Ordnance (UXO) Technician II		27.51
30493 - Unexploded Ordnance (UXO) Technician III		32.97
30494 - Unexploded (UXO) Safety Escort		22.74
30495 - Unexploded (UXO) Sweep Personnel		22.74
30620 - Weather Observer, Combined Upper Air Or Surface Programs	(see 2)	20.48
30621 - Weather Observer, Senior	(see 2)	22.75
31000 - Transportation/Mobile Equipment Operation Occupations		
31020 - Bus Aide		10.64
31030 - Bus Driver		15.04
31043 - Driver Courier		11.38
31260 - Parking and Lot Attendant		8.71
31290 - Shuttle Bus Driver		12.36
31310 - Taxi Driver		10.71
31361 - Truckdriver, Light		12.36
31362 - Truckdriver, Medium		16.84
31363 - Truckdriver, Heavy		18.99
31364 - Truckdriver, Tractor-Trailer		18.99
99000 - Miscellaneous Occupations		
99030 - Cashier		8.83
99050 - Desk Clerk		9.45

99095 - Embalmer	25.48
99251 - Laboratory Animal Caretaker I	10.19
99252 - Laboratory Animal Caretaker II	10.67
99310 - Mortician	33.91
99410 - Pest Controller	14.02
99510 - Photofinishing Worker	11.77
99710 - Recycling Laborer	16.98
99711 - Recycling Specialist	20.20
99730 - Refuse Collector	15.21
99810 - Sales Clerk	11.95
99820 - School Crossing Guard	9.59
99830 - Survey Party Chief	18.63
99831 - Surveying Aide	13.27
99832 - Surveying Technician	16.93
99840 - Vending Machine Attendant	15.14
99841 - Vending Machine Repairer	18.30
99842 - Vending Machine Repairer Helper	15.14

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: $3.59 per hour or $143.60 per week or $622.27 per month

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 5 years, and 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 contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of eleven paid holidays per year: New Year's Day, Martin Luther King Jr's Birthday, Washington's Birthday, Good Friday, 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)

THE OCCUPATIONS WHICH HAVE NUMBERED FOOTNOTES IN PARENTHESES RECEIVE THE FOLLOWING:

1) COMPUTER EMPLOYEES: Under the SCA at section 8(b), this wage determination does not apply to any employee who individually qualifies as a bona fide executive, administrative, or professional employee as defined in 29 C.F.R. Part 541. Because most Computer System Analysts and Computer Programmers who are compensated at a rate not less than $27.63 (or on a salary or fee basis at a rate not less than $455 per week) an hour would likely qualify as exempt computer professionals, (29 C.F.R. 541. 400) wage rates may not be listed on this wage determination for all occupations within those job families. In addition, because this wage determination may not list a wage rate for some or all occupations within those job families if the survey data indicates that the prevailing wage rate for the occupation equals or exceeds $27.63 per hour conformances may be necessary for certain nonexempt employees. For example, if an individual employee is nonexempt but nevertheless performs duties within the scope of one of the Computer Systems Analyst or Computer Programmer occupations for which this wage determination does not specify an SCA wage rate, then the wage rate for that employee must be conformed in accordance with the conformance procedures described in the conformance note included on this wage determination.

Additionally, because job titles vary widely and change quickly in the computer industry, job titles are not determinative of the application of the computer professional exemption. Therefore, the exemption applies only to computer employees who satisfy the compensation requirements and whose primary duty consists of:

(1) The application of systems analysis techniques and procedures, including consulting with users, to determine hardware, software or system functional specifications;

(2) The design, development, documentation, analysis, creation, testing or modification of computer systems or programs, including prototypes, based on and related to user or system design specifications;

(3) The design, documentation, testing, creation or modification of computer programs related to machine operating systems; or

(4) A combination of the aforementioned duties, the performance of which requires the same level of skills. (29 C.F.R. 541.400).

2) AIR TRAFFIC CONTROLLERS AND WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as 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 employed (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).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordinance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordance, explosives, and incendiary material differential pay.

** 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 $3.35 per week (or $.67 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.

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations", Fifth Edition, April 2006, unless otherwise indicated. Copies of the Directory are available on the Internet. A links to the Directory may be found on the WHD home page at http://www.dol.gov/esa/whd/ or through the Wage Determinations On-Line (WDOL) Web site at http://wdol.gov/.

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.

Section J, Attachment J-9

Moab UMTRA Project
Maintenance Schedule for Irrigation and Pest Control

Objective: Perform routine maintenance to maximize the growth rate for trees and shrubs for screening effect; reduce irrigation and reliance for native revegetation areas. Irrigate heavily in the well field to meet the following goals: 1) flush the contaminated constituents from the root zone (top ~21"); and 2) provide maintenance quantities to maintain the salt and ammonia levels below threshold for growth of plants.

ITEM	AREA	FREQUENCY	TIME PERIOD	NOTES
1	Cottonwood hedgerow and east side shrub/tree nursery with bubblers	Once every two weeks (≥ 2-3 hours)	TGS*	
2	Area A, 1/10 acrea area w/ cottonwood and willows	3 times	April, June, August	Ask RAC to water with water truck
3	Area B (lagoons)	3 times (~ 36 hours each time)	April, June, August	Irrigate until entire area is covered
4	Area C (well field)	Once every two weeks	April – TGS	Irrigate until entire area is covered
5	Revegetation areas #1 – 5 near fresh water pond	Once a month	April – TGS	Irrigate until saturated
6	Entrance landscaping: cottonwood tree hedgerow north of offices	Once every two weeks in	March - TGS	Irrigate until saturated
7	Off-Pile Remediated Areas (2010 and 2011)	Once a month	April – TGS	Irrigate until saturated

*TGS= Through Growing Season (March-October), but reduce during precipitation periods; and reduce to half the last month; avoid over-watering and runoff.

Note: This plan will be updated by DOE as necessary.

PEST CONTROL

Weeds

Perform weed control program per project *Moab Weed Control Plan*. Spray noxious weeds as defined by State of Utah noxious weed designation list, at least twice per year (or as resources allow) and remove (e.g., hand-pulling) as necessary and as resources allow.

Weed control for primary weeds, such as Russian and diffuse knapweed and Russian olive shall be the priority. Tamarisk is a lesser priority and shall be addressed as resources are available—the leaf beetle will help with Tamarisk control. The following specific methods of weed control shall be used:

1. Spot chemical treatment of Russian knapweed (Acroptilon repens), diffuse knapweed (Centaurea diffusa), and Tamarisk to be repeated as necessary to achieve maximum control. Note: knapweed control required especially near McClatchy fence.
2. Hand-pulling or mechanical control of immature Russian olive (Elaeagnus angustifolia) and Tamarisk plants. Mature plants require cut-and-treat techniques to control scattered individuals. These tasks shall be performed as resources allow.
3. Pre-emergent spraying and post-emergent application of broadleaf herbicide (using anti-drift techniques) in specific areas to reduce populations of nuisance annual weeds including kochia (Bassia scoparia) and Russian thistle (Salsola tragus). The herbicides used must be highly effective on kochia and nontoxic to established desirable perennial grasses, forbs, and woody shrubs and trees.
4. Application of appropriate herbicides for spot-control of halogeton (Halogeton glomeratus) and puncturevine (Tribulus terrestris).
5. Hand-pulling or mechanical control of mature weeds, including kochia, Russian thistle, and puncturevine, if resources allow.

Pest Control

Utilize pesticides or mechanical methods to control cottonwood caterpillars in April and May.

Pest control for beetles has a lesser priority. Utilize pesticides or mechanical methods to control beetles as resources are available.