

|  |                                    |   |   |
|--|------------------------------------|---|---|
| <b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>  |                                    | 1. CONTRACT D CODE  | PAGE OF PAGES<br>1   189  |
| 2. AMENDMENT/MODIFICATION NO.<br>0003  | 3. EFFECTIVE DATE<br>See Block 16C | 4. REQUISITION/PURCHASE REQ. NO.  | 5. PROJECT NO. (If applicable)  |
| 6. ISSUED BY<br>EM -Environmental Mgmt Con Bus Ctr<br>EMCBC<br>U.S. Department of Energy<br>EM Consolidated Business Center<br>250 E. 5th Street, Suite 500<br>Cincinnati OH 45202 | CODE<br>893033                     | 7. ADMINISTERED BY (If other than Item 6)<br>EMCBC<br>U.S. Department of Energy<br>EM Consolidated Business Center<br>250 E. 5th Street, Suite 500<br>Cincinnati OH 45202 | CODE<br>03001   |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)<br>See Schedule  |                                    | (x)   | 9A. AMENDMENT OF SOLICITATION NO.   |
|  |                                    |   | 9B. DATED (SEE ITEM 11)   |
|  |                                    | x   | 10A. MODIFICATION OF CONTRACT/ORDER NO.<br>DE-EM0005014/0593/17/705210/01 |
|  |                                    |   | 10B. DATED (SEE ITEM 13)<br>08/10/2017                                    |
| CODE   | FACILITY CODE                      |   |   |

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

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

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

**E. IMPORTANT** Contractor  is not  is required to sign this document and return 1 copies to the issuing office.

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

DUNS Number: 079601769

Modification 0003 is a conforming modification that reflects the following changes:

- Changes made in Mods 0001 and 0002.
  - Add labor category "Senior ES&H Specialist" to Attachment J-5 and associated labor rates to Attachment J-6.
  - Change cognizant Contracting Officer in Section G from [REDACTED] to Ian Rexroad.
  - Change Contractor's contact for defective invoices in Section G from [REDACTED] to [REDACTED]
- Continued ...

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

|   |                                 |  |                                 |
|---|---------------------------------|--|---------------------------------|
| 15A. NAME AND TITLE OF SIGNER (Type or print)<br>Richard C. Smalley, Vice President, Nuclear & Environmental Services |                                 | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)<br>Ian R. Rexroad             |                                 |
| 15B. CONTRACTOR/OFFEROR<br>[REDACTED]<br>(Signature of person authorized to sign)                                     | 15C. DATE SIGNED<br>12-Aug-2019 | 16B. UNITED STATES OF AMERICA<br>Signature on File<br>(Signature of Contracting Officer) | 16C. DATE SIGNED<br>20 Aug 2019 |

Previous edition unusable

**CONTINUATION SHEET**

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
DE-EM0005014/0593/17/705210/01/0003

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NAME OF OFFEROR OR CONTRACTOR  
See Schedule

| ITEM NO.<br>(A) | SUPPL ES/SERVICES<br>(B)  | QUANTITY<br>(C) | UNIT<br>(D) | UNIT PRICE<br>(E) | AMOUNT<br>(F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
|                 | <p>Richard Smalley.<br/>Payment:<br/>OR for Oak Ridge/OSTI<br/>U.S. Department of Energy<br/>Oak Ridge Office<br/>Oak Ridge Financial Service Center<br/>P.O. Box 6017<br/>Oak Ridge TN 37831<br/>Period of Performance: 08/18/2017 to 08/17/2022</p> |                 |             |                   |               |

**PART I - THE SCHEDULE**

**SECTION B**

**SUPPLIES OR SERVICES AND PRICES/COSTS**

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**B.1 DOE-B-2012 SUPPLIES/SERVICES BEING PROCURED/DELIVERY REQUIREMENTS (OCT 2014)**

This is an Indefinite-Delivery/Indefinite-Quantity (IDIQ) contract under which Firm-Fixed-Price (FFP) and/or Time-and-Materials (T&M) task orders will be issued, using the fully-burdened labor rates contained in Section J, Attachment J-6, IDIQ Schedule of Fully Burdened Labor Rates. This contract will provide various technical assistance services in support to the Moab Uranium Mill Tailings Remedial Action (UMTRA) project in in Moab and Crescent Junction, Utah and Grand Junction, Colorado as described in the Section C – Performance Work Statement.

The Contractor shall furnish all personnel, facilities, equipment, material, supplies, and services (except as may be expressly set for in this contract and applicable task orders as furnished by the Government) and otherwise do all things necessary for, or incident to, the performance of work under this contract and resulting task orders.

The Contractor shall provide the requested services, within the minimum and maximum quantities as specified in Section B.03 below, on a schedule to be specified by the Government in accordance with the contract clause H.32, Task Ordering Procedure.

**B.2 CONTRACT LINE ITEM STRUCTURE**

| CLIN NUMBER | ITEM DESCRIPTION   | MAXIMUM VALUE OF SERVICES | CONTRACT ORDERING PERIOD                        |
|-------------|--|---------------------------|---|
| 00001       | Moab Uranium Mill Tailings Remedial Action (UMTRA) Technical Assistance Contract (TAC) | \$24,500,000.00           | Five (5) years from the date of contract award. |

**B.3 CONTRACT MINIMUM AND MAXIMUM VALUE OF SERVICES**

(a) The guaranteed minimum value of services to be ordered as required by Section I, FAR 52.216-22, Indefinite Quantity, is \$20,000.00.

(b) The estimated maximum value of services to be ordered as required by Section I, FAR 52.216-22, Indefinite Quantity, is \$24,500,000.00.

(c) Funding will be obligated to each individual task order up to the estimated maximum value of the basic contract. All task orders issued under this contract count towards the estimated maximum value of \$24,500,000.00, and the total cumulative value of the task orders issued shall not exceed the contract estimated maximum value.

**B.4 NON-LABOR COST – INDIRECT CEILING RATE**

The Contractor is entitled to apply an indirect rate to all non-labor costs for any issued Time-and-Materials Task Orders, of [REDACTED]%. The percentage specified is considered a ceiling rate. The Contractor's actual rates, up to the ceiling rate, will be applied for each fiscal year. The Contractor's reimbursed indirect rate shall be supported by the Contractor's accounting system. If the Contractor is unable or does not segregate indirect

rates with an allocation base containing non-labor costs, the Contractor is not entitled to any applied indirect rates to non-labor costs incurred.

**B.5 DOE-B-2013 OBLIGATION OF FUNDS (OCT 2014)**

Pursuant to the clause of this contract at FAR 52.232-22, Limitation of Funds, total funds in the amount(s) specified below are obligated for the payment of allowable costs and fee. It is estimated that this amount is sufficient to cover performance through the date(s) shown below.

To Be Determined on a Task Order basis. No funding will be obligated to the IDIQ Contract. T&M and FFP Task Orders may be incrementally funded.

**B.6 LIMITATION OF GOVERNMENT'S OBLIGATION (FOR FIRM-FIXED-PRICE TASK ORDERS/CLINS)**

(a) This contract's fixed-price task orders issued under CLIN 00001 have traditional Federal Acquisition Regulation fixed prices and contract terms and conditions, with the exceptions that: fixed-price task orders issued under CLIN 00001 may be incrementally funded; and if a CLIN or task order is incrementally funded, in the event of termination before it is fully funded the Government's maximum liability for the CLIN or task order will be the lower of the amount of funds allotted to the CLIN or task order or the amount payable to the Contractor per the Termination for Convenience (Fixed-Price) clause of this contract. For each CLIN or task order there is:

- 1) a fixed price for the action;
- 2) a fixed amount of work that corresponds to the fixed price;
- 3) a planned funding schedule that corresponds to the fixed price and the fixed amount of work;
- 4) no Government obligation to the Contractor until the Government allots funds to the contract for the action;
- 5) if the Government allots funds, a maximum Government obligation, including any termination obligations, to the Contractor equal to the allotted funds; and
- 6) an obligation that the Government will pay the Contractor for the work the Contractor performs for which funds were allotted based on the price of the work performed, not the costs the Contractor actually incurs.

(b) For each CLIN or task order:

- 1) the Government's maximum obligation, including any termination obligations and obligations under change orders, equitable adjustments, or unilateral or bilateral contract modifications, at any time is always less than or equal to the total amount of funds allotted by the Government to the contract for the CLIN or task order;
- 2) the Contractor explicitly agrees it reflected (that is, included or could have included an additional amount) in its offered price and in the subsequent negotiated fixed price for each of the fixed-price CLINs or task orders included in this contract:

- i. the added complexity, challenges, and risks (including all risks, costs or otherwise, associated with termination as articulated in this clause) to which the Contractor is subject due to the incremental funding arrangement established in this clause; and
    - ii. the specific risk that in the event of termination of an incrementally funded CLIN or task order before the CLIN or task order is fully funded, the Contractor could receive less than the Termination for Convenience (Fixed-Price) clause of this contract would allow, that is, because the maximum Government obligation for a fixed-price CLIN or task order is the allotted funds for the CLIN or task order, the Contractor will receive the lower of the allotted funds or what the Termination for Convenience (Fixed-Price) clause of this contract would allow.
  - 3) the Contractor is not authorized to continue work beyond the point at which the total amount payable by the Government, which is the price of the services the allotted funds cover, equals the total amount allotted to the contract for the services;
  - 4) if funds become available and the Government's need continues, the Government will allot funds periodically to the CLIN or task order, the Contractor will provide a fixed amount of work for the funds allotted, and the Government will pay the Contractor based on the price of the fixed amount of work. The Government will not pay the Contractor based on the costs the Contractor incurs in performing the work; and
  - 5) the Contractor agrees to provide the fixed amount of work for the fixed price identified in the contract's Section B, Supplies or services and prices/costs, and in accordance with the delivery schedule identified in the contract's Section F, Deliveries or performance, provided the Government provides the funding per or earlier than the Planned Funding Schedule in paragraph (n) of this clause. At any time, the cumulative amount of funds allotted is the fixed price for the cumulative fixed amount of work identified with the funds.
- (c) For each CLIN or task order:
  - 1) The fixed price (of both the entire CLIN or task order and of the current cumulative amount of funds allotted to the CLIN or task order at any time during contract performance) is not subject to any adjustment on the basis of the Contractor's cost experience;
  - 2) The contract places the maximum risk and full responsibility on the Contractor for all costs and resulting profit or loss; and
  - 3) If the Government meets the entire Planned Funding Schedule,
    - i. the cumulative amount of funds allotted will equal the CLIN's or task order's fixed price and
    - ii. the Contractor must provide the work the contract requires for the CLIN or task order.
- (d) The fixed price for each CLIN or task order is listed in Section B of this contract.
- (e) The Planned Funding Schedule for each CLIN or task order is in paragraph (n) of this clause. The sum of the planned funding for each CLIN or task order equals the fixed price of the CLIN or task order.

- (f) The Actual Funding Schedule for each CLIN or task order is in paragraph (o) of this clause. It specifies the actual amount of funds allotted and presently available for payment by the Government separately for task orders issued under CLIN 00001, and the work to be performed for the funds allotted.
- 1) The Contractor may bill against a CLIN or task order only after the Government has allotted funds to the CLIN or task order and the Contractor has delivered the services and earned amounts payable for the CLIN or task order.
    - i. The Contractor may bill only the lower of the two preceding amounts, that is, the lower of allotted funds or amount payable.
    - ii. If the Contractor does not perform the contract's requirements for the CLIN or task order, it must return the amounts that it billed that the Government reimbursed.
- (g) If during the course of this contract the Government is allotting funds to a CLIN or task order per or earlier than the Planned Funding Schedule, this contract to that point will be considered a simple fixed-price contract for that CLIN or task order regardless of the rate at which the Contractor is, or is not, earning amounts payable, and:
- 1) The Government's and the Contractor's obligations under the contract for the CLIN or task order—with the exception that the Government's obligation for the CLIN or task order is limited to the total amount of funds allotted by the Government to the CLIN or task order and similarly the Contractor is not authorized to continue work beyond the point at which the total amount payable by the Government equals the total amount allotted—will be as if the CLIN or task order were both fixed price and fully funded at time of contract execution, that is, the Contractor agrees that: it will perform the work of the contract for that CLIN or task order; and neither the fixed-price for the CLIN or task order nor any other term or condition of the contract will be affected due to the CLIN's or task order's being incrementally funded.
    - i. The Contractor agrees, for example, if the Government allots funds to a CLIN or task order per or earlier than all of the funding dates in the Planned Funding Schedule for the CLIN or task order, the Government has met all of its obligations just as if the CLIN or task order were fully funded as of the time of contract execution and the Contractor retains all of its obligations as if the CLIN or task order were fully funded as of the time of contract execution, while at the same time the Contractor is not authorized to continue work beyond the point at which the total amount payable by the Government equals the total amount allotted to the contract; consequently, if the Contractor earns amounts payable at any time in performing work for the CLIN or task order that exceed the total amount of funds allotted by the Government to the contract for the CLIN or task order
      - A. it (not the Government) will be liable for those excess amounts payable
      - B. it will remain liable for its obligations under every term or condition of the contract and
      - C. if it fulfills all of its obligations for that CLIN or task order and the Government allots funds to the CLIN or task order equal to the

- CLIN's or task order's fixed price, the Government will pay it the fixed price for the CLIN or task order and no more.
- ii. The Contractor also agrees, for example, if the Government allots funds to a CLIN or task order by the first funding date in the Planned Funding Schedule, the Government has met all of its obligations up to that point in the contract as if the CLIN or task order were fully funded (that is, as if progress payments based on cost had been agreed to and had been made, or milestone payments had agreed to and been made, or etc.) and the Contractor retains all of its obligations up to that point (such as meeting delivery schedules, maintaining quality, etc.) as if the CLIN or task order were fully funded; consequently, if the Government subsequently terminates the CLIN or task order it will pay the Contractor the lower of the following two amounts: the amount allotted by the Government to the CLIN or task order; or the amount payable per the Termination for Convenience (Fixed-Price) clause of this contract.
- (h) The Contractor shall notify the Contracting Officer in writing whenever it has reason to believe that the amount payable it expects to earn for the CLIN or task order in the next 60 days, when added to all amounts payable previously earned, will exceed 75 percent of the total amount allotted to the CLIN or task order by the Government.
- 1) The notification is for planning purposes only and does not change any obligation of either the Government or the Contractor.
  - 2) The Contractor is not authorized to continue work beyond the point at which the total amount payable by the Government equals the total amount allotted to the CLIN or task order.
  - 3) The Government may require the Contractor to continue performance of that CLIN or task order for as long as the Government allots funds for that CLIN or task order sufficient to cover the amount payable for that CLIN or task order.
- (i) If the Government does not allot funds to a CLIN or task order per or earlier than its Planned Funding Schedule, the Contractor will be entitled to an equitable adjustment and:
- 1) the Government's maximum obligation, including any termination obligation, to reimburse the Contractor remains limited to the total amount of funds allotted by the Government to the contract for that CLIN or task order;
  - 2) the Contractor is not authorized to continue work beyond the point at which the total amount payable by the Government, equals the total amount allotted to the contract;
  - 3) if the Government subsequently terminates the CLIN or task order, it will pay the Contractor the lower of the following two amounts: the total amount of funds allotted by the Government to the contract for the CLIN or task order; or the amount payable per the Termination for Convenience (Fixed-Price) clause of this contract.
- (j) Except as required by either other provisions of this contract specifically citing and stated to be an exception to this clause, or by, among other things, terminations, change orders, equitable adjustments, or unilateral or bilateral contract modifications

specifically citing and stated to be an exception to this clause, for either CLIN or task order:

- 1) The Government is not obligated to reimburse the Contractor in excess of the total amount allotted by the Government to this contract for the CLIN or task order; and
- 2) The Contractor is not obligated to continue performance under this contract related to the CLIN or task order or earn amounts payable in excess of the amount allotted to the contract by the Government until the Contracting Officer notifies the Contractor in writing that the amount allotted by the Government has been increased and specifies an increased amount, which shall then constitute the total amount allotted by the Government to the CLIN or task order.

- (k) No notice, communication, or representation in any form, including, among other things, change orders, equitable adjustments, or unilateral or bilateral contract modifications, other than that specified in this clause, or from any person other than the Contracting Officer, shall affect the amount allotted by the Government to this contract for a CLIN or task order, which will remain at all times the Government's maximum liability for a CLIN or task order. In the absence of the specified notice, the Government is not obligated to reimburse the Contractor for any amounts payable earned for a CLIN or task order in excess of the total amount allotted by the Government to this contract for a CLIN or task order, whether earned during the course of the contract or as a result of termination.
- (l) Change orders, equitable adjustments, unilateral or bilateral contract modifications, or similar actions shall not be considered increases in the Government's maximum liability or authorizations to the Contractor to exceed the amount allotted by the Government for a CLIN or task order unless they contain a statement increasing the amount allotted.
- (m) Nothing in this clause shall affect the right of the Government to terminate this contract for convenience or default.
- (n) Planned Funding Schedule:

The following table and requisite information shall be inserted by the Government in each fixed-priced task order to account for incrementally funded FFP CLINs:

**CLIN [TBD in each Task Order]:**

| Date | Funds To Be Allotted | Work To Be Accomplished | Cumulative Funds To Be Allotted | Cumulative Work To Be Accomplished |
|------|----------------------|-------------------------|---------------------------------|------------------------------------|
|      |                      |                         |                                 |                                    |

- (o) Actual Funding Schedule:

The following table and requisite information shall be inserted by the Government in each fixed-priced task order to account for incrementally funded FFP CLINs:

**CLIN [TBD in each Task Order]:**

| Date | Funds To Be Allotted | Work To Be Accomplished | Cumulative Funds To Be Allotted | Cumulative Work To Be Accomplished |
|------|----------------------|-------------------------|---------------------------------|------------------------------------|
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**PART I -- SCHEDULE**

**SECTION C**

**PERFORMANCE WORK STATEMENT**

**Moab Technical Assistance Contract**

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## **C.1 BACKGROUND AND GENERAL REQUIREMENTS**

- a. This is a Technical Assistance Contract (contract) for a Technical Assistance Contractor (TAC or Contractor) to provide 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 TAC has the responsibility for total performance under the contract, including determining specific methods for accomplishing the work.
- c. The project has been active for greater than 10 years and is considered a mature project. This contract is the third iteration of the Technical Assistance Contract. Emphasis during the performance of work under this contract shall be the development of efficiencies and refinement of existing procedures focused on streamlining as opposed to the construction of new processes and management procedures.
- d. The goal of 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 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 in a manner that accomplishes the work safely and efficiently. The TAC shall cooperate with the RAC; however, only the Contracting Officer (CO) or Contracting Officer’s Representative (COR) has the authority to direct the TAC in its performance under the contract. The Interface Requirements Matrix (See Attachment J-9 - Interface Requirements Matrix) provides additional detail on the expected complimentary roles and responsibilities between the RAC and the TAC. The RAC and the TAC do not have the authority to direct the other under this contract, except to the limited extent specified otherwise in the contract regarding safety.

## **C.2 CONTRACTOR PERFORMANCE**

- a. The TAC shall furnish all personnel, facilities, office furniture, equipment, material, services, and supplies for TAC 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 and resulting task orders. In performing

- the work, the TAC 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 Performance Work Statement (PWS).
  - c. TAC personnel shall be expected to perform the activities described in this PWS with minimum oversight and guidance by DOE, while in compliance with all applicable procedures. The TAC shall ensure that duties are performed in a competent, professional manner that meet established milestones and adhere to established schedules. Work products are expected to be thorough, timely, accurate, appropriately documented, and comply with established criteria. Some work products will include highly sensitive information and recommendations. The TAC shall maintain the confidentiality of information as dictated by the requesting party and overall DOE standards of ethics and professional behavior.
  - d. The TAC shall appoint a Program Manager stationed in Grand Junction, Colorado as the primary interface to the DOE Federal Project Director, CO, and COR. The TAC's working Program Manager shall have supervisory control over the TAC's employees assigned to perform work under this PWS. In addition, the working Program Manager shall be responsible for the adequacy and effectiveness of the conduct of work activities as performed by the TAC contract personnel and subcontractors, if any.
  - e. Facilities provided by the government for TAC use in Moab include a single-wide office trailer, a ground water laboratory, a field services laboratory, a maintenance tent and designated area, a communications/IT trailer, and one quarter use of a double-wide office trailer. There is currently no need for a designated TAC area in Crescent Junction though space is anticipated to be required in the future as the project matures and shall be provided by DOE. Government provided space is provided in Grand Junction in the Bank of Colorado Building at 200 Grand Avenue. This space includes 6,193 square feet of 7,552 square feet on the 5th floor (the DOE utilizes the difference), 1,030 square feet on the 3rd floor (utilized by the RAC), and an 835 square foot area in the basement for records storage and IT use.

### C.3.1 TRANSITION

- a. The TAC shall submit a Transition Plan for DOE approval five (5) business days after issuance of the task order that includes transition activities. The Transition Plan shall include a schedule and description of the activities necessary to transition the work from the incumbent Contractor in a manner that (1) assures that all work which the TAC shall be responsible for under the contract is continued without disruption; (2) provides for an orderly transfer of resources, responsibilities, and accountability from the incumbent Contractor; and (3) provides for the ability of the TAC to perform the work in an efficient, effective, and safe manner.
- b. The Transition Plan shall address how all Government property, including Government furnished and contractor-acquired property (i.e. materials), and associated records, currently assigned to the incumbent Contractor, will be transferred to the TAC during the transition period.
- c. The Transition Plan shall address coordination with other site contractors, and is required to ensure continuation of services by the TAC. The Transition Plan must ensure there is no loss or degradation of the services that are provided to DOE and its contractors. The TAC is responsible for performing due diligence to ensure that all activities, deliverables, and actions to be completed by the end of the transition identified in the PWS are included in the Transition Plan.
- d. The transition period shall be 30 days in length.

### C.3.2 PROJECT MANAGEMENT

- a. This task includes overall management of the tasks, resources, and activities described in this contract. The TAC Program Manager shall be responsible for the Contractor's overall effective performance of all program areas described in this contract, associated task orders, and its subcontracts supporting the Moab Project. The Contractor shall provide experienced personnel to support Moab programs as described in the PWS. The Program Manager shall be responsible for coordinating Contractor time approvals, addressing personnel issues, and ensuring Contractor staff are appropriately qualified and meet labor qualifications. The Program Manager shall develop work and staffing plans for all assigned tasks and provide monthly status reports on all activities to the COR. Additional strategic planning functions may be required.
- b. The TAC shall ensure attendance at formally scheduled and situational meetings by the appropriate staff.

- c. The TAC is responsible for the tracking of hours used, and submission of accurate invoices, and providing supporting documentation for acquisition of materials and supplies. The TAC shall provide any documentation as requested by DOE to support the conduct of its activities or the expenditure of government funds in the performance of work under this contract and any subsequent task orders or subcontracts.

### C.3.3 RECORDS MANAGEMENT

- a. The TAC shall manage all records (regardless of media, and including DOE, RAC and subcontractor records) generated/received in performance of the Contract, including records obtained from a predecessor contractor in accordance with Title 44 USC, Chapters 21, 29, 31, 33, and 35; 36 CFR, Chapter 12, Subchapter B “*Records Management*”; Presidential Directive M-12-18, “*Managing Government Records*”; DOE O 243.1B, “*Records Management Program*” and any other DOE requirements as directed by the CO. The TAC shall be responsible for all records management and document control in support of its operations. Records Management activities include, but are not limited to: tasks associated with creation/receipt, maintenance, storage/preservation, protecting, scheduling, indexing and dispositioning active and inactive records (including emails); providing all employees and subcontractors with records management training; retrieving records from on- and off-site storage facilities; supporting records management data calls from the National Archives and Records Administration (NARA) or DOE Headquarters; and supporting ongoing Freedom of Information Act (FOIA), Privacy Act, Energy Employee Occupational Illness Compensation Program Act (EEOICPA), Former Worker Medical Screening Program (FWP), Chronic Beryllium Disease Prevention Program (CBDPP), congressional inquiries and legal discovery requests.
- b. The TAC shall be responsible to maintain the Project web-site for publicly released documents <http://gjem.energy.gov/moab/> and a restricted access SharePoint site to collect, organize and share internal documents.
- c. All records subject to the management of the TAC (e.g., records in support of its operation), are to be inventoried, scheduled and dispositioned in accordance with Federal laws, regulations, DOE Directives, and an approved Records Management Plan. Within 60 days of the issuance of a task order that includes Records Management support, the TAC shall review, revise as necessary, submit any revisions for CO approval, and (once approved) execute the Records Management Plan. The Plan shall be updated thereafter when changes occur. The Plan shall address, at a minimum, the following:

- (1) Electronic Records Management System (ERMS): The TAC shall develop and implement records management controls to ensure that the identification, maintenance, and disposition of all records (regardless of media), including electronic and email, are managed utilizing an ERMS that integrates SharePoint in accordance with Federal and DOE requirements and guidelines for all records, including historical records.
- (2) The TAC shall develop and implement a plan that includes, but is not limited to, a validation process and a DOE-approved Image Quality Statistical Sampling Plan (based on industry standards) for acceptance of records scanned to electronic format. The plan shall ensure that electronic records meet the National Archives and Records Administration (NARA) requirements. As required by the Presidential Directive M-12-18, all permanent records must be in electronic format meeting NARA's requirements by December 2019. All records (regardless of media) must be scheduled, arranged, and cutoff by collections (e.g., case file, project, chronologically, numerically, alphabetically, etc.) for proper disposition in accordance with the NARA-approved DOE records disposition schedules.
- (3) Records Ownership: Except for those defined as Contractor-owned (in accordance with DEAR 970.5204-3, "*Access to and Ownership of Records*", see Section I), all records (see 44 U.S.C. 3301 for the statutory definition of a record) acquired or generated by the Contractor (and subcontractors) in performance of this Contractor including, but not limited to records from a predecessor contractor (if applicable) and records described by the Contract as being maintained in Privacy Act systems of record (Section H clause, Privacy Act System of Records) shall be the property of the Government.
- (4) Audiovisual Records: The TAC shall implement records management requirements for the creation, maintenance, and storage of audiovisual records in accordance with 36 CFR 1237 and 36 CFR 1235.42 and any updated NARA requirements/guidance.
- (5) Vital Records: The TAC shall develop and implement a vital records program, including a vital records inventory in accordance with 36 CFR 1223, Managing Vital Records, and DOE O 243.1B "Records Management Program".
- (6) Creation/Receipt: The TAC shall develop and implement recordkeeping requirements that reflect adequate and proper documentation of all Contractor (and subcontractor) records generated and/or received (regardless of media) in the

performance of their contracts as required by Federal regulations found in 36 CFR Chapter XII, Subchapter B, *Records Management*.

- (7) Electronic Information Systems (EIS): The TAC shall manage records contained in electronic information systems (EIS) by incorporating recordkeeping controls into the system or export the records into the current ERMS (Documentum or equivalent) in accordance with 36 CFR 1236, Electronic Records Management. The TAC must design and implement migration strategies to counteract hardware and software dependencies of electronic records whenever the records must be maintained and used beyond the life of the information system in which the records are originally created and captured. The TAC shall provide a list of all EIS' to DOE annually utilizing the format provided by DOE, including Contractor-owned records.
- (8) Inventory and File Plan: The TAC shall develop and maintain up-to- date site-wide inventories, a site-wide file plan and systems that provide for the identification, location, arrangement, assignment of disposition authority, and retrieval of all categories (record series) of records created and received.
- (9) Maintenance/Use: The TAC shall maintain and preserve all records, including the historical records collection (paper and electronic) stored on-site, at the Federal Records Centers (FRC) and in an ERMS (if applicable).
- (10) Quality Assurance: The TAC shall ensure records classified as QA records under the American National Standards Institute (ANSI)/American Society of Mechanical Engineers (ASME) Nuclear Quality Assurance (NQA)-1 are categorized (lifetime / non-permanent); managed in accordance with NQA-1 and 36 CFR Chapter 12, Subchapter B; and are maintained for traceability to the applicable item, activity or facility.
- (11) Privacy Act Records: The TAC shall ensure records that contain personal information retrieved by name, or another personal identifier are maintained in Privacy Act systems of records, in accordance with Federal Acquisition Regulation (FAR) 52.224-2, Privacy Act, and DOE O 206.1, "DOE Privacy Program."
- (12) Contaminated Records: The TAC shall develop and implement a plan to incorporate the processing of newly generated and historical records from potentially contaminated areas and those stored in the records vaults into the Worker Safety and Health Program (WSHP) and RPP to ensure the prompt

transfer of records to the records vault and/or release of storage at an FRC/NARA. Contaminated records, depending on retention period, can be reproduced to allow for retention of the copy as the “record” and destruction of the contaminated copy.

- d. Records Requests: The Contractor shall respond to records management data calls by NARA and DOE as requested and process record requests for the FOIA, the Privacy Act, the former worker medical screening program, the Chronic Beryllium Disease Prevention Program, congressional inquiries, legal discoveries and other record requests.
- e. Records Disposition: The TAC shall develop and implement a Records Disposition Plan, which shall include processing records to storage (e.g., on-site, FRC, electronic to ERMS) and the destruction process for records and information content. The Contractor shall disposition all records including records from a predecessor contractor in accordance with the NARA-approved DOE Records Disposition Schedules and applicable federal laws and regulations. Disposition activities include ensuring permanent records are maintained and transferred it meet requirements, transferring paper records to a FRC, destruction of records once retention has been met and proper approvals obtained, and maintaining finding aids (including destruction certificates) and electronic records in an ERMS. Transfers to the FRC, NARA and commercial storage require DOE RMFO and record destructions must be submitted to the DOE RMFO for review and obtaining of DOE Legal Counsel Approvals prior to destruction.
- f. Document Control: The Contractor shall develop, implement and maintain sound document control systems and processes ensuring efficient tracking, retrieval, revision control, and distribution of documents, including drawings.

#### C.3.4 TRAINING

- a. The TAC shall provide all required project training to all site personnel including RAC, TAC, DOE, subcontractors, and visitors. This training does not include DOE-supplied training provided to DOE, TAC, and RAC employees, as appropriate. Attachment J-10- Training Summary includes a list of project training the TAC shall be required provide. This list will be modified as training needs change.
- b. The TAC shall maintain accurate training records and data pertaining to training activities, 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.

- c. The TAC shall maintain an electronic training system database, accessible by all RAC, TAC, and DOE personnel to provide information on training requirements and availability, course information, and electronic registration. The TAC shall coordinate changes and upgrades to the system with DOE.
- d. The TAC shall develop and/or provide specialized training as requested by DOE.

### C.3.5 INFORMATION TECHNOLOGY AND TELECOMMUNICATION

- a. The TAC shall provide technical and administrative management and support of Information Technology and Telecommunication (IT&T) information, hardware, systems, services, and security 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 described in paragraphs below. The TAC shall perform IT&T life-cycle planning, configuration management, acquisition when necessary, installation, and maintenance of IT&T systems and equipment to ensure its adequacy to support the ongoing Moab mission. This includes providing operation, maintenance and support of servers, a network, workstations, laptops, internet access, Help Desk support, IT&T, training support, software development, application maintenance, printers, miscellaneous hardware, and portal/Intranet software and support. The RAC will request IT&T hardware, software, and IT&T support through the TAC via the Help Desk.
- b. The TAC shall perform software development when necessary, database management, and maintenance for in-house developed software to include the following applications: DOE Records Management System (DOERMS), Access Control, Radiological Employee Dosimetry Database System (REDDS), Training Information System (TISK), Universal Address List, and SEEPro.
- c. The TAC shall comply with all Federal and DOE IT&T-related orders and directives, as well as DOE EM policies and procedures. Specifically, the TAC shall comply with cyber security control requirements detailed in the DOE EM Cyber Security Policy and Risk Management Approach Implementation Plan (RMAIP), in order to maintain the TAC network's accreditation and Authority to Operate (ATO) that is granted by the DOE Environmental Management Consolidated Business Center (EMCBC) Authorizing Official (AO).
- d. The TAC shall maintain all appropriate software licenses and annual maintenance contracts.

- e. The TAC shall provide telecommunications infrastructure and services, maintenance, including replacement and installation when necessary, 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 Project 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 for each site.
- f. The TAC is responsible for providing and maintaining hand-held radios and vehicle-mounted radios for DOE, TAC and RAC personnel, as well as cell phones for the TAC and RAC personnel.
- g. The TAC shall provide IT&T hardware, software, systems, and support to the DOE staff for the project network. This includes the provision for adequate numbers of desktop computers for access to the project infrastructure, printers, facsimile equipment, video/tele-conferencing equipment, desk telephones, and radios, including maintenance, support and replacement when necessary. The TAC shall also provide internet and project network access to DOE staff, and systems configuration to ensure ongoing operations are maintained. The EMCBC shall provide desktop and laptop computers, software licenses, firewall, network switch, and systems configuration and maintenance for DOE staff. EMCBC will provide cell phones for DOE staff as required. The TAC shall support the DOE network and equipment when directed by EMCBC IT&T support staff.

### C.3.6 SAFEGUARDS AND SECURITY

- a. The TAC shall develop and implement a Safeguards and Security program as specified in DOE Order 470.4B, Safeguards and Security Program, DOE Manual 470.4-1, Chg. 2, Safeguards and Security Program Planning and Management and DOE Order 205.1B, Department of Energy Cyber Security Management, and shall update such program as may be required. The program shall be tailored to the site-specific requirements of the Moab UMTRA Project and will encompass all Project sites and office locations. The TAC is responsible to provide limited site-specific only (LSSO) security badges for DOE employees, RAC and TAC personnel, subcontractors and visitors. The TAC shall be responsible for coordinating with the RAC to ensure compliance with all requirements. The RAC is responsible for implementation of safeguards and security in accordance with DOE O 470.4B Chg 1, DOE O 473.3A, as well as in compliance with the Safeguards and Security program

- that is developed and maintained by the TAC as part of the TAC contract (currently, and as part of this contract).
- b. The TAC shall verify the adequacy of the existing Site Security Plan (SSP) and shall be responsible for maintaining the SSP and performing any upgrades to ensure it contains all of the security requirements specified in this contract for TAC, RAC, DOE, and other visiting personnel.
  - c. The TAC shall work closely with the RAC to ensure that site badging and site access requirements are accurately specified in the SSP. The RAC is responsible for implementing site access control. The TAC shall ensure its personnel comply with all requirements (as specified in the Site Security Plan) for badging and site access control. The TAC shall have such access as necessary to perform activities required under this PWS.
  - d. The TAC shall be responsible for providing site security badges consistent with the DOE O 473.3A, Protection Program Operations, at the Grand Junction Office. All TAC employees shall be qualified to receive, and shall obtain, HSPD-12 security badges.
  - e. 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.3.7 PUBLIC AFFAIRS/COMMUNITY RELATIONS

- a. The TAC shall provide experienced and qualified personnel to be responsible for the overall public affairs function for the Project during routine and emergency events, including supporting DOE in interfacing with the community and other stakeholders, and the TAC shall coordinate with the RAC as necessary. Information on the RAC operations will be provided by the RAC for use in the occasional stakeholder/ public meetings, held primarily in Moab, Utah.
- b. The TAC shall be responsible for updating the Public Participation Plan as necessary, including, at a minimum, providing an annual review of the document, 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.3.8 PROPERTY MANAGEMENT (REAL AND PERSONAL)

#### a. General

- (1) The TAC shall ensure assigned real and personal property is maintained in good working order and remains serviceable for its intended purpose.
- (2) The TAC shall provide experienced and qualified personnel for the management of real property, limited grounds maintenance, and personal property to include sensitive property and high value property, DOE-owned and GSA-leased vehicles for the Moab Project.
- (3) The TAC shall provide experienced and qualified personnel to maintain and ensure compliant implementation of a DOE-approved Real and Personal Property Management Program for all Moab UMTRA Project real and personal property.
- (4) 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.
- (5) The TAC shall be responsible for completing all HQ Fiscal Year property (real and personal) reporting requirements. TAC shall develop and implement an annual planning process that annually produces a Five-Year Real Property Plan.

#### b. Real Property

- (1) The TAC shall ensure all real property tasks are accomplished in accordance with applicable DOE orders to include, but not limited to, DOE O 430.1C, Real Property Asset Management, and DOE O 458.1, Radiation Protection of the Public and the Environment.
- (2) The TAC shall ensure all actions involving the planning, acquisition, management, and disposition of interests in real estate are reviewed and approved by the DOE assigned Real Property Officer (RPO) or Certified

Realty Specialist (CRS), as appropriate, prior to execution. The TAC shall also ensure that real estate actions are executed at the appropriate level of delegated authority by a DOE Real Estate Contracting Officer (RECO).

- (3) The TAC shall implement a documented maintenance program for assigned assets that is complimentary to the larger program utilized by the RAC. The TAC shall coordinate with the RAC to ensure compliance with applicable DOE directives and orders. Assigned assets shall include the equipment used in the field (including tractors, ATVs/UTVs, excavators, mowers, weed trimmers, pumps, etc.) as well as all other assets assigned under this contract.
- (4) The TAC, in coordination with the RAC, shall establish technical and management processes to align the performance, functional, and physical attributes of real property facilities, structures, systems, and components in the maintenance program with associated requirements, design, and operational information. This includes processes established for all hazard category 1, 2, and 3 nuclear facilities, which must comply with applicable DOE standards. Processes for other facilities must comply with voluntary consensus standards, including ANSI/EIA – 649, *National Consensus Standard for Configuration Management*, or DOE standards that must be applied as determined by the DOE Site.
- (5) The TAC shall administer the Facility Information Management System (FIMS) for the Moab UMTRA Project and coordinate with the RAC, as required, to ensure:
  - All real property in which DOE holds a legal interest in or right to use, including outright title, is documented in FIMS, the Department’s system of record for DOE real property;
  - FIMS data fields are kept current throughout the real property asset lifecycle and align with the FIMS Data Dictionary;
  - FIMS data are consistent across DOE to enable comparable reporting and trend analyses;
  - FIMS data are used to meet FRPP requirements and the Department’s DM and other real property reporting requirements including, but not limited to, the Agency’s yearly financial statement;
  - Real Property records supporting data maintained in FIMS are maintained in accordance with FIMS User’s Guide requirements and retained per applicable DOE directives and Federal regulations;
  - The results of condition assessments, functional assessments, and real property utilization assessments are recorded annually in FIMS.

- Records management changes resulting in revisions to the FIMS User's Guide are coordinated through appropriate governance;
- FIMS information regarding real property assets that have been disposed of, including all related institutional controls, are archived;
- A completion report or equivalent document is developed for each disposition project and included in FIMS; the completion report/document must describe, at a minimum, project activities, final facility status, cost information, and verification and validation that specific end-point criteria have been met;
- All FIMS data calls are completed; and,
- An annual review of real property records (FIMS Validation) is supported and completed, in accordance with DOE annual guidance, to ensure that all assets are accurately reported in the FIMS database and that all required source documentation is complete and accurate.

The TAC shall develop and implement corrective actions to ensure completeness and accuracy of FIMS data and maintain FIMS data validation documentation (validation forms, scorecards, corrective action plans) for at least five fiscal years.

- (6) The TAC shall conduct condition assessment surveys, to determine the need for some preventive or remedial action, using industry standard graded approaches tailored to the inspection type and frequency that aligns with asset ownership, use, and mission dependency as follows:
- Perform physical condition assessments on each real property asset at least once every five-year period or other risk-based interval as approved by the cognizant Program Secretarial Officer (PSO);
  - Perform more frequent assessments for real property assets identified as mission unique or critical, or assets that pose an increased risk to life safety or the environment, or as mandated by Federal, state or local codes;
  - Determine the current physical condition of each real property asset, its estimated time to failure, and the optimum period for repairs and replacement based on engineering and maintenance analyses;
  - Estimate the costs to correct deficiencies identified during the condition assessments using the DOE-funded Condition Assessment Information System (CAIS) or another nationally recognized cost estimating system that is formatted in UNIFORMAT II and based on annually updated unit cost data (e.g. RS Means; Building News; Craftsman Book Company);

Richardson General Construction Estimating Standards). Cost estimates must be updated annually and include contractor indirect costs;

- Categorize deficiencies as either Deferred Maintenance and Repair (DM) or Repair Needs (RN). Document and report DM and RN cost estimates consistent with Federal Accounting Standards Advisory Board requirements and Federal Real Property Council reporting guidance, respectively; and,
    - Determine an asset's capability to meet mission requirements at least once during any five-year period or other risk-based interval as approved by the cognizant PSO based on industry leading practices, voluntary consensus standards, and customary commercial practices.
- (7) The TAC shall provide condition assessment findings to the RAC and ensure all required maintenance is submitted as repair needs.
- (8) The TAC shall develop and submit, as required by DOE annual guidance, a five-year forecast (by fiscal year) and update annually to identify financial investments for sustainment of real property assets to support DOE strategic plans, program guidance, and Departmental performance targets and include:
- consideration for desired level of service;
  - remaining service life;
  - current condition assessments;
  - Energy Independence and Security Act energy and water evaluations;
  - utilizations surveys;
  - the mission dependency of the asset, and projected funding for DM reduction;
  - a five-year projection of financial investments required for real property acquisition, sustainment, and disposition activities;
  - an annual PSO budget request that includes prioritized financial investments in real property; and
  - an Integrated Facilities and Infrastructure (IFI) Crosscut Budget in accordance with guidance issued jointly by the Office of Management and Office of the Chief Financial Officer.

c. Personal Property

- (1) Regardless of the performer of the work, the TAC is responsible for complying with DOE O 580.1, Department of Energy Personal Property Management Program, as applicable.

- (2) The TAC shall ensure the implementation of a Property Management Program that includes but is not limited to, an experienced personal property custodian, maintenance of various property plans and schedules, and ensuring inventory tracking databases are current and up to date.
- (3) All sensitive equipment shall be tracked and non-sensitive equipment above \$5,000 shall be tracked using the Personal Property Management System (PPMS) database for all accountable personal property in accordance with DOE Order 580.1.
- (4) 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.

d. Fleet

- (1) Vehicles to include fleet management for DOE-owned and General Services Administration (GSA)-leased vehicles, in accordance with all DOE and/or GSA requirements including 41 CFR 102 and DOE Order 430.1C.
- (2) 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 report project data into the Federal Automotive Statistical Tool (FAST).

e. Sustainability

- (1) The TAC shall be responsible for 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 436.1, Departmental Sustainability.
- (2) The TAC shall develop and implement the Moab UMTRA Site Sustainability Plan (SSP) in accordance with DOE O 436.1, including an annual forecast of the five-year (by fiscal year) sustainment investments for real property assets.

- (3) The TAC shall coordinate pollution prevention, energy management, and environmentally preferred purchasing activities, and report project data as required per DOE annual guidance.

### C.3.9 DOCUMENTATION SUPPORT, GRAPHICS, REPRODUCTION

- a. The TAC shall provide experienced personnel for comprehensive document production support, graphics development, reproduction and printing services, website creation, technical writing, and editing as required for daily Moab operations at all three 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.

### C.3.10 PROJECT INTEGRATION

- a. The TAC shall coordinate with the RAC, as necessary, to ensure safe and successful project execution. The Interface Requirements Matrix (See Attachment J-9) provides detail on the required complimentary roles and responsibilities between the RAC and the TAC. The TAC shall prepare an Integrated Execution Plan that will provide a summary of some of the activities that will require interaction and integration with the RAC. The TAC shall be required to maintain and update the Integrated Execution Plan as a component of project start-up and at least annually thereafter. Note that the RAC and the TAC do not have the authority to direct the other under this contract, except to the limited extent specified otherwise in the contract regarding safety.
- b. The TAC shall provide experienced and qualified personnel to 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 in accordance with DOE requirements and evaluate and reconcile the data to ensure quality and accuracy of deliverables. The TAC shall provide a monthly task order progress report for each task order that at a minimum includes: task order number, total task order cost/price, significant issues/problems associated with each task order, summary of activities performed during the month, and the current status of each activity, status of the schedule for each task order and for time and materials task orders, an itemized breakdown of cost and Direct Productive Labor Hours (DPLH) utilized per labor category to date shall also be provided.

- c. The Moab UMTRA Project has been designated as an Operating Activity (defined by the DOE as projects performing environmental remediation, etc.). The TAC shall support DOE in meeting and reporting on all requirements for Operating Activities.
- d. The TAC shall develop a Performance Baseline in accordance with DOE Order 413.3B for the activities required by this PWS, 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 be responsible for Moab UMTRA Project Change Control Administration in accordance with the requirements of DOE Order 413.3B for changes to project baselines.
- f. The TAC shall establish, maintain, and use a Project Control Management System that accurately reflects the status of TAC activities relative to cost and schedule performance, and tracks progress against the approved baseline within the constraints of Total Project Earned Value Management. 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 Activities);
  - (2) Integrated Planning, Accountability, and Budgeting System Information Systems (IPABS-IS) Data Requirements, February 16, 1999, and subsequent updates;
  - (3) Integrated Planning, Accountability, and Budgeting System (IPABS) Handbook, February 16, 1999, and subsequent updates;
  - (4) Office of Environmental Management's Operations Activities Protocol, March 15, 2012 in the context of DOE Order 413.3B.
- g. 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 IPABS in accordance with prescribed procedures and DOE direction. The RAC will provide information to the TAC for input into these systems.
- h. The TAC will track and monitor the data on tons of RRM excavated, shipped, and disposed, using the weekly data provided by the RAC.

C.3.11 GROUND WATER INTERIM ACTION

- a. The TAC shall provide experienced and qualified personnel responsible for the design, implementation, operation, and maintenance of interim ground water corrective actions. Actions are summarized in the annual Moab UMTRA Project Ground Water Program Plan of Action and Milestones. The TAC shall revise and update this document annually. The TAC shall 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.
- b. The TAC shall operate and maintain the existing ground water interim action well field which currently includes eight extraction wells and 34 injection wells. Maintenance activities associated with the interim action well field include the repair and servicing of wells and associated pumping and piping equipment. The Moab UMTRA Operations and Maintenance Manual shall be kept current and optimized to align funding with operational performance.
- c. The TAC shall monitor and report on the interaction between ground water and surface water. If indicated by the data collected, the existing conceptual model shall be updated.
- d. 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 biota monitoring and associated actions, as well as performance against data quality objectives, in an annual report.
- e. The TAC shall update and maintain the sampling program documents. The sampling program shall be optimized each year to maximize the data obtained and its usefulness. The TAC shall perform surface and ground water sampling and analysis at the Moab site in accordance with the approved plans.
- f. Routine gauging, sampling, and rehabilitation of monitoring wells and standpipes at the Moab and Crescent Junction sites shall be performed and documented in a report.
- g. Maintain pumping and holding systems including Klein and Frac tanks.
- h. Initiate the fresh water diversion system (formally called the initial action) on an as-needed basis to create and sustain a protected environment in select back water channels adjacent to the former mill site.

- a. The TAC shall provide an overall QA Program for the Moab UMTRA Project in accordance with the following:
- EM-QA-001, Rev. 1, Environmental Management Quality Assurance Program;
  - ASME NQA-1, 2008 Quality Assurance Requirements for Nuclear Facility Applications, including addenda through 2009 as applicable;
  - DOE Order 414.1D (or the latest revision), Quality Assurance; and,
  - DOE Order 226.1B, Implementation of Department of Energy Oversight Policy.

The TAC shall ensure the QA Program is updated and maintained as compliant with the aforementioned quality requirements and as site conditions change.

- b. The RAC and TAC shall each develop their own QA program for their respective operations. The TAC shall review the RAC QA program for applicable compliance and incorporate both the RAC and TAC QA programs into the overall project QA Program.
- c. The TAC shall be responsible for continuously pursuing enhancements to quality, safety, and reliability for its own operations and making suggestions for quality enhancements for RAC and DOE operations.
- d. The TAC shall develop an Integrated Assessment Schedule that outlines, by quarter, the assessments of DOE, TAC, and RAC operations planned to be performed. Assessed activities shall include safety, operations, compliance, documentation, and other aspects of the project at all three project locations. The schedule shall be prepared annually and updated quarterly. This schedule shall be fluid and subject to change based on site occurrences. The Integrated Assessment Schedule shall include an allowance for unannounced assessments.
- e. The TAC shall support DOE by providing qualified and experienced assessors to perform scheduled and unannounced QA independent assessments and surveillances of Moab UMTRA Project activities. The TAC's QA assessors shall be expected to manage preparation of assessment plans, checklists, and reports; interface with regulators, the DOE, and RAC personnel; and manage assessment teams with a number of observers. For each assessment or surveillance, the TAC shall document the results and findings in a database tracking system and prepare a written report.
- f. The TAC shall maintain the DOE Corporate Lessons Learned Database to record nonconformance and corrective actions activities from all oversight activities

including those generated by DOE and visiting assessors or Regulators. When a significant Integrated Safety management System lessons learned event, for external distribution, occurs concerning RAC activities, the RAC will provide the information for incorporation into the DOE Corporate Lessons Learned Database. The TAC shall prepare and distribute “lessons learned” on all activities reports to encourage improvements based on experience.

### C.3.13 ENVIRONMENT, SAFETY, AND HEALTH SUPPORT

- a. The TAC shall provide overall programmatic Environment, Safety, and Health (ES&H) support to DOE for all Moab UMTRA Project sites and office locations, including the Grand Junction Office. Programmatic support may include HQ data calls and other program level activities beyond the daily safety oversight related to site operations. The support provided shall be in compliance with 10 CFR 851, and applicable DOE Directives incorporated into the contract.
- b. The TAC and the RAC shall each develop and maintain an internal ES&H program for their respective activities to ensure the protection of workers, the public, and the environment in accordance with applicable DOE orders. The RAC is responsible to maintain and keep current a Project-wide Health and Safety Plan that incorporates the information provided by the TAC for its operations, and the ES&H information for the TAC operations as well as that for DOE. The TAC shall ensure that the resulting integrated ES&H plan requirements are flowed down to its subcontractors.
- c. ES&H shall be operated as an integral, but visible part of how the TAC conducts business. This includes prioritizing work planning and execution, establishing clear ES&H priorities, allocating resources to address programmatic and operational considerations, collecting and analyzing monitoring data, and addressing all hazards for all operations and work. The TAC’s ES&H program shall include qualified and experienced safety and health staff, worker rights, hazard identification, hazard prevention and abatement, training and information, recordkeeping and reporting.
- d. The TAC shall provide qualified and experienced personnel to 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.
- e. The TAC shall work closely with the RAC in the development of the Radiological Protection Plan (RPP), a joint compliance document specifying, among other things, the access controls for radiological areas. However, the RAC has the primary responsibility to maintain a documented 10 CFR 835 compliant Radiation Protection Program. The RAC is responsible for implementing and controlling access to

- radiological areas. The TAC shall ensure that its personnel comply with the Radiological Protection Program requirements as established by the RAC including, but not limited to, radiological area access, personnel dosimetry, urine bioassay program, radiological personal protective equipment, contamination monitoring, and other requirements as documented in the RPP.
- f. The TAC shall maintain the hillside monitoring system which includes radar-based monitoring equipment, video monitoring equipment, and the critical alarm capability for the hillside area above the rail bench at the Moab UMTRA Site. The equipment is used by the RAC to perform hillside monitoring and rock slide mitigation activities, by evaluating critical alarms and issuing daily “go-no go” notifications. The TAC shall coordinate as necessary with the RAC to ensure the ongoing operability and reliability of the system.

#### C.3.14 REGULATORY COMPLIANCE

- a. The Moab project is regulated by the NRC under Title I of the Uranium Mill Tailings Radiation Control Act of 1979. The State of Utah regulations address related fugitive dust emissions and storm water pollution prevention. The Moab Uranium Mill Tailings Record of Decision (ROD), dated September 2005, and the Amended ROD for the Remediation of the Moab Uranium Mill Tailings, Grand and San Juan Counties, Utah, dated February 29, 2008, apply to the Moab and Crescent Junction activities. The Final Remedial Action Plan (RAP), approved in August 2008, applies to the Crescent Junction disposal cell and placement of RRM.
- b. The TAC shall provide experienced and qualified personnel to ensure that all of the activities performed under this PWS comply with regulatory agreements, laws, and requirements.
- c. The TAC is responsible to obtain and be named as the responsible party on many of the required permits in the conduct of activities under this PWS that apply to site activities (performed by DOE, RAC and TAC). The exceptions to this are the permits for the excavation and transportation of RRM which are the responsibility of the RAC. The TAC shall be responsible for the permit and agreement maintenance, monitoring, and reporting. The specific permits that are the responsibility of the DOE, RAC, or TAC are detailed in the Integrated Execution Plan (See Attachment J-10).
- d. The TAC shall be responsible for DOE Headquarters (HQ) reporting and oversight of environmental compliance initiatives using data provided by the RAC. The TAC shall be responsible for HQ reporting and conducting oversight of Federal energy management initiatives using data provided by the RAC.

- e. The TAC shall be responsible for the Annual Site Environmental Report (ASER). This document is used to demonstrate overall environmental compliance at the project and is released to the public via the project web-site. Prior project ASERs may be viewed at the project web-site.

### C.3.15 INDEPENDENT VERIFICATION

- a. The TAC shall provide experienced and qualified personnel to perform Independent Verification of materials and equipment (M&E) that are released from the Contaminated Areas at the Moab and Crescent Junction sites. The TAC shall prepare Independent Verification reports for all M&E that is verified.
- b. The TAC shall prepare Supplemental Standards Application property completion reports. These reports document the current environmental status and risk associated with properties in the area where mill tailings from the Moab mill may have been disposed. Field investigations associated with the properties have been completed, though some degree of verification may be required at the properties.
- c. The TAC shall assist the RAC Radiation Control organization with the conduct of sampling or in performing gamma scanning that may be required for the lower Moab Wash crossing or channel.
- d. The TAC shall track and oversee all TAC radiometric instrumentation relative to calibration and QA requirements. The purpose of this activity is to ensure that all equipment is calibrated and working correctly. DOE will assess equipment records on a random basis not less than annually.
- e. The TAC shall perform quarterly haul road surveys at the Crescent Junction site using the Global Positioning System / Gamma Spectroscopy (GPS/GS) scanning system, prepare associated GPS/GS scan maps and reports, and perform annual geodetic surveys of site features.
- f. The TAC shall assist with the evaluation of grab samples collected by the RAC relative to the 707 picoCurie per gram Ra-226 requirement for RRM placement at the Crescent Junction site. The requirement for sampling applies during placement of the final seven feet of RRM in the disposal cell at Crescent Junction. Twenty-six samples are required from each lift to ensure the material being placed in the cell meets the disposal cell acceptance criteria. The number of samples each year will vary depending on the areas of the disposal cell being brought to near final grade.

- a. The TAC shall maintain native vegetation and control weeds on approximately 135 acres of ground outside of the Moab site's contaminated area. The TAC shall perform general maintenance, service, and repair of any and all revegetation equipment, implements, and irrigation piping systems, as required to maintain the native vegetation.
- b. The RAC has responsibility to perform maintenance on the non-occupied grounds and areas, roads and parking lots. This includes snow removal from personnel walkways and application of clean sand (or other material compatible with the ROD requirements) to prevent slips and falls; grading to prevent minor water accumulation; and haul road and access road maintenance. During large storm events, TAC staff shall assist the RAC in snow removal to ensure worker safety.

#### C.3.17 VICINITY PROPERTY SURVEYS

- a. Vicinity Properties (VPs) are properties in the local community that are separate from the Moab UMTRA project site. RRM that originated from the former ATLAS mill site has been placed/transported to these properties through past activities. At this time, there is only one identified remaining site, VP 137 (Bert's Auto Site), located south of the city of Moab, about eight miles from the Moab UMTRA site. After the property owner has completed sufficient cleanup of the property to allow for contamination remediation, the TAC shall perform a characterization survey of the property for the RAC's use in the remediation of any contaminated materials and any identified contaminated soils near the contaminated materials.
- b. The TAC shall perform Inclusion/Exclusion surveys on vicinity properties to determine if they contain RRM in excess of UMTRA 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. The TAC shall be responsible for all Independent Verification of VP 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.

C.3.18 AUGMENTED TECHNICAL ASSISTANCE

- a. At the direction of DOE, the TAC shall provide experienced and qualified personnel to perform technical and administrative services related to the mission of the Office of Environmental Management's Grand Junction field office.

C.3.19 OUTGOING TRANSITION

- a. The work and services covered by this contract are vital to the DOE Moab mission and shall be maintained without interruption, both at the commencement (as described in Section C.3.1 TRANSITION) and the expiration of this contract (as described in this section).
- b. The TAC shall, at the completion of the contract, complete all necessary aspects of contract close-out. This will include, but not be limited to, ensuring all subcontracts are satisfied, all necessary filings have been completed with the DOE, all filing is current and up to date, equipment is acceptable and logs are complete, IT equipment is current and government property under its cognizance is accounted for. The TAC shall meet, as necessary, with the follow-on contractor to ensure a seamless transition. Other duties associated with transition to a new contract may be required.
- c. At the expiration of the final task order issued under the basic contract, or any earlier termination thereof, the TAC shall cooperate with a successor contractor or the Government by allowing its employees to interview for possible employment. For those employees who accept employment with the successor contractor, such employees shall be released in a coordinated manner with the successor contractor. The TAC shall cooperate with the successor contractor and Government with regard to the termination or transfer arrangements for such employees to ensure maximum protection of employee service credits and fringe benefits.
- d. This clause shall apply to subcontracts as approved by the CO.

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**D.1 DOE-D-2001 PACKAGING AND MARKING (OCT 2014)**

- (a) Preservation, packaging, and marking for shipment or mailing of all work delivered hereunder shall be in accordance with good commercial practices and adequate to insure acceptance by common carrier and safe transportation at the most economical rate(s), including electronic means.
- (b) Each package, report, or other deliverable shall be accompanied by a letter or other document which:
  - (1) Identifies the contract by number pursuant to which the item is being delivered;
  - (2) Identifies the deliverable item number or report requirement which requires the delivered item(s); and
  - (3) Indicates whether the Contractor considers the delivered item to be a partial or full satisfaction of the requirement.
- (c) For any package, report, or other deliverable being delivered to a party other than the Contracting Officer (CO), a copy of the document required by paragraph (b) shall be simultaneously delivered to the office administering this contract as identified in Section G of the contract, or if none, to the CO.

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**E.1 CLAUSES INCORPORATED BY REFERENCE – SECTION E**

Clause(s) at the beginning of this Section are incorporated by reference, with the same force and effect as if they were given in full text. Clauses incorporated by reference which require a fill-in by the Government include the text of the affected paragraph(s) only. This does not limit the clause to the affected paragraph(s). The Contractor is responsible for understanding and complying with the entire clause. The full text of the clause is available at the addresses contained in clause 52.252-2, Clauses Incorporated by Reference, of this contract.

| <b>Clause No.</b> | <b>FAR Reference</b> | <b>Title</b>  |
|-------------------|----------------------|---|
| <b>E.1.1</b>      | 52.246-2             | Inspection of Supplies - Fixed-Price (AUG 1996)           |
| <b>E.1.2</b>      | 52.246-4             | Inspection of Services - Fixed-Price (AUG 1996)           |
| <b>E.1.3</b>      | 52.246-6             | Inspection - Time-and-Material and Labor-Hour. (MAY 2001) |
| <b>E.1.4</b>      | 52.246-16            | Responsibility for Supplies (APR 1984)                    |

**E.2 DOE-E-2001 INSPECTION AND ACCEPTANCE (OCT 2014)**

Inspection and acceptance of all items under this contract shall be accomplished by the Contracting Officer in accordance with the clause entitled FAR 52.246-4, Inspection of Services – Fixed-Price (AUG 1996), or FAR 52.246-6, Inspection – Time-and-Material and Labor-Hour (MAY 2001). If the Contracting Officer assigns this responsibility to the Contracting Officer’s Representative or another representative of the Government, the Contracting Officer shall notify the Contractor in writing.

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**F.1 CLAUSES INCORPORATED BY REFERENCE - SECTION F**

Clause(s) at the beginning of this Section are incorporated by reference, with the same force and effect as if they were given in full text. Clauses incorporated by reference which require a fill-in by the Government include the text of the affected paragraph(s) only. This does not limit the clause to the affected paragraph(s). The Contractor is responsible for understanding and complying with the entire clause. The full text of the clause is available at the addresses contained in clause 52.252-2, Clauses Incorporated by Reference, of this contract.

| Clause No. | FAR Reference | Title                      |
|------------|---------------|----------------------------|
| F.1.1      | 52.242-15     | Stop-Work Order (AUG 1989) |

**F.2 DOE-F-2002 PLACE OF PERFORMANCE - SERVICES (OCT 2014)**

The services specified by this contract shall be performed at the following location(s):

- Moab, UT
- Crescent Junction, UT
- Grand Junction, CO
- Some work may be performed at the contractor's facility.

Note that the place of performance designated above is the Government's intent at the time of contract award. However, DOE reserves the right to specify place of performance requirements, by labor category, on the task order level.

**F.3 CONTRACT ORDERING PERIOD**

- (a) The contract ordering period shall be five (5) years from the date of award of this contract. Issuance of task orders will not occur beyond the end of the contract ordering period.

**F.4 PERIOD OF PERFORMANCE**

- (a) Each task order issued by the Contracting Officer will identify a period of performance specific to that task order.
- (b) Performance of all task orders issued before the end of the contract ordering period shall not exceed four (4) years beyond the end of the contract ordering period.
- (c) The period of performance for any individual Time and Materials (T&M) task order shall not exceed three (3) years. The period of performance for any individual Firm-Fixed-Price (FFP) task order shall not exceed five (5) years.
- (d) The transition period will occur on the initial task order that is issued to provide

services under this IDIQ contract.

**F.5 DOE-F-2004 DELIVERY POINT (OCT 2014)**

- (a) Delivery of all items under this contract shall be made to the following address:

[Will be specified by the Government for each shipment in individual Task Orders.]

- (b) Delivery for the purpose of inspection, acceptance and the Prompt Payment Act must be through the above shipping address unless another location has been authorized by the Contracting Officer. If delivery is made to another location without authorization from the Contracting Officer, a delivery for the purposes of the Prompt Payment Act has not occurred and no interest penalty under the Act shall result.

**F.6 DOE-F-2007 DELIVERY OF LIMITED RIGHTS DATA (OCT 2014)**

- (a) Delivery of limited rights data. The Contractor shall, at the option of the Contracting Officer, be required to deliver any limited rights data used in the performance of this contract. Such data shall be subject to the provisions of the clause at FAR 52.227-14, *Rights in Data--General*, paragraph (g), "Protection of limited rights data and restricted computer software," with Alternatives II and V which are incorporated into this contract.
- (b) The limited rights data subject to the clause at FAR 52.227-14, *Rights in Data--General*, are listed below. This listing of limited rights data, which are asserted by the Contractor to be limited rights data, does not constitute an admission by the Government that the data is in fact limited rights data.

[S&K identifies no limited right data for this effort]

If a patent is issued by the United States Patent and Trademark Office (U.S. PTO) or the patent office of any foreign country based on any information asserted to be limited rights data, the Government will no longer treat any data contained in such issued patent as limited rights data. In addition, if any information asserted to be limited rights data results in or becomes a Subject Invention, as that term is defined in the patent rights clause of this agreement, the Government will only treat such data as limited rights data until the Contractor has filed its initial patent application.

- (c) The Contractor shall not introduce or utilize any limited rights data not identified in (b) above without advance written notification to the Contracting Officer.
- (d) Notwithstanding any other provision of this Contract, the following data shall be delivered to the Government with unlimited rights:

***Not applicable.***

**F.7 DOE-F-2008 DELIVERY OF RESTRICTED COMPUTER SOFTWARE (OCT 2014)**

- (a) Delivery of restricted computer software. The Contractor shall, at the option of the Contracting Officer, be required to deliver any restricted computer software used in the performance of this contract. Such restricted computer software shall be subject to the provisions of clause at FAR 52.227-14, *Rights in Data-General*, paragraph (g), "Protection of limited rights data and restricted computer software," with Alternatives III and V which are incorporated into this contract.
- (b) The restricted computer software subject to the clause at FAR 52.227-14, *Rights in Data-General*, are listed below. This listing of restricted computer software, which is asserted by the Contractor to be restricted computer software, does not constitute an admission by the Government that the data is in fact restricted computer software.

[S&K identifies no restricted computer software for this effort.]

If a patent is issued by the United States Patent and Trademark Office (U.S. PTO) or the patent office of any foreign country based on any information asserted to be restricted computer software, the Government will no longer treat any data contained in such issued patent as restricted computer software. In addition, if any information asserted to be restricted computer software results in or becomes a Subject Invention, as that term is defined in the patent rights clause of this agreement, the Government will only treat such data as restricted computer software until the Contractor has filed its initial patent application.

- (c) The Contractor shall not introduce or utilize any restricted computer software not identified in (b) above without advance written notification to the Contracting Officer.
- (d) Notwithstanding any other provision of this contract, the following data shall be delivered to the Government with unlimited rights:

*Not applicable.*

**F.8 DELIVERABLES**

Deliverables shall be identified on individual task orders.

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**G.1 DOE-G-2001 CONTRACTING OFFICER AUTHORITY (OCT 2014)**

The Contracting Officer is responsible for administration of the contract. The Contracting Officer may appoint a Contracting Officer's Representative (COR), in accordance with the clause entitled Contracting Officer's Representative, to perform specifically delegated functions. The Contracting Officer is the only individual who has the authority on behalf of the Government, among other things, to take the following actions under the contract:

- (a) Assign additional work within the general scope of the contract.
- (b) Issue a change in accordance with the clause entitled Changes.
- (c) Change the cost or price of the contract.
- (d) Change any of the terms, conditions, specifications, or services required by the contract.
- (e) Accept non-conforming work.
- (f) Waive any requirement of the contract.

**G.2 DOE-G-2002 CONTRACTING OFFICER'S REPRESENTATIVE (OCT 2014)**

Pursuant to the clause at DEAR 952.242-70, Technical Direction, the Contracting Officer shall designate in writing a Contracting Officer's Representative (COR) for this contract, and provide a copy of such designation to the contractor, including the delegated responsibilities and functions. The COR does not have authority to perform those functions reserved exclusively for the Contracting Officer.

**G.3 DOE-G-2003 CONTRACTOR'S PROGRAM MANAGER (OCT 2014)**

- (a) The Contractor shall designate a Program Manager who will be the Contractor's authorized supervisor for technical and administrative performance of all work hereunder. The Program Manager shall be the primary point of contact between the Contractor and the Contracting Officer's Representative (COR) under this contract.
- (b) The Program Manager shall receive and execute, on behalf of the Contractor, such technical directions as the COR may issue within the terms and conditions of the contract.

**G.4 DOE-G-2004 CONTRACT ADMINISTRATION (OCT 2014)**

To promote timely and effective contract administration, correspondence delivered to the Government under this contract shall reference the contract number, title, and subject matter, and shall be subject to the following procedures:

- (a) Technical correspondence. Technical correspondence shall be addressed to the Contracting Officer's Representative (COR) for this contract, and a copy of any such correspondence shall be sent to the DOE Contracting Officer. As used herein,

technical correspondence does not include correspondence where patent or rights in data issues are involved, nor technical correspondence which proposes or involves waivers, deviations, or modifications to the requirements, terms or conditions of this contract.

(b) Other Correspondence.

- (1) Correspondence regarding patent or rights in data issues should be sent to the Intellectual Property Counsel. A copy of such correspondence shall be provided to the CO.
- (2) If no Government Contract Administration Office is designated on Standard Form 33 (Block 24) or Standard Form 26 (Block 6), all correspondence, other than technical correspondence and correspondence regarding patent of rights in data, including correspondence regarding waivers, deviations, or modifications to requirements, terms or conditions of the contract, shall be addressed to the CO. Copies of all such correspondence shall be provided to the COR.
- (3) Where a Government Contract Administration Office, other than DOE, is designated on either Standard Form 33 (Block 24), or Standard Form 26 (Block 6), of this contract, all correspondence, other than technical correspondence, shall be addressed to the Government Contract Administration Office so designated, with copies of the correspondence to the CO and the COR.

(c) Information regarding correspondence addresses and contact information is as follows:

- (1) Contract Specialist
  - (A) Name: *TBD*
  - (B) Telephone number: *TBD*
  - (C) Address: *TBD*
  - (D) Email address: *TBD*
- (2) Contracting Officer
  - (A) Name: Ian Rexroad
  - (B) Telephone number: 513-246-0077
  - (C) Address: 550 Main Street, Room 7-010, Cincinnati, Ohio 45202
  - (D) Email address: [ian.rexroad@emcbc.doe.gov](mailto:ian.rexroad@emcbc.doe.gov)
- (3) Contracting Officer's Representative
  - (A) Name: Chris Pennal
  - (B) Telephone number: 970-257-2119
  - (C) Address: 200 Grand Ave., Suite 500, Grand Junction, CO 81502
  - (D) Email address: [christina.pennal@emcbc.doe.gov](mailto:christina.pennal@emcbc.doe.gov)
- (4) Intellectual Property Counsel

- (A) Name: *TBD*
- (B) Telephone number: *TBD*
- (C) Address: *TBD*
- (D) Email address: *TBD*

- (5) Government Contract Administration Office
- (A) Name: *TBD*
- (B) Telephone number: *TBD*
- (C) Mailing address: *TBD*
- (D) Email address: *TBD*

**G.5 DOE-G-2005 BILLING INSTRUCTIONS (OCT 2014) (For FFP Task Orders)**

- (a) Contractors shall use Standard Form 1034, Public Voucher for Purchases and Services Other than Personal, when requesting payment for work performed under the contract.
- (b) Contractors shall submit vouchers electronically through the Oak Ridge Financial Service Center's (ORFSC) Vendor Inquiry Payment Electronic Reporting System (VIPERS). VIPERS allows vendors to submit vouchers, attach supporting documentation and check the payment status of any voucher submitted to the DOE. Instructions concerning contractor enrollment and use of VIPERS can be found at <https://vipers.doe.gov>.
- (c) A paper copy of a voucher that has been submitted electronically will not be accepted.
- (d) The Contractor's voucher shall include a breakdown of the percentage of cost of contract performance incurred for Contractor personnel and the cost of contract performance incurred for subcontractor personnel. This information will be utilized to monitor compliance with FAR 52.219-14, Limitations on Subcontracting, on an IDIQ contract basis.

**G.6 DOE-G-2005 BILLING INSTRUCTIONS – ALTERNATE I (OCT 2014) (For T&M Task Orders)**

- (a) Contractors shall use Standard Form 1034, Public Voucher for Purchases and Services Other than Personal, when requesting payment for work performed under each task order issued under the basic IDIQ contract.
- (b) Contractors shall submit vouchers electronically through the Oak Ridge Financial Service Center's (ORFSC) Vendor Inquiry Payment Electronic Reporting System (VIPERS). VIPERS allows vendors to submit vouchers, attach supporting documentation and check the payment status of any voucher submitted to the DOE. Instructions concerning contractor enrollment and use of VIPERS can be found at <https://vipers.doe.gov>.

- (c) A paper copy of a voucher that has been submitted electronically will not be accepted.
- (d) The voucher must include a statement of cost and supporting documentation for services rendered. This statement should include, as a minimum, a breakout by cost or price element of all services actually provided by the Contractor, both for the current billing period and cumulatively for the entire task order period.
  - (1) Statement of Cost. The Contractor shall prepare and submit a Statement of Cost with each voucher in accordance with the following:
    - (A) Statement of Cost must be completed in accordance with the Contractor's cost accounting system.
    - (B) Costs claimed must be only those recorded costs authorized for billing by the payment provisions of the contract.
    - (C) Indirect costs claimed must reflect the rates approved for billing purposes by the Contracting Officer.
    - (D) The Direct Productive Labor Hours (DPLH) incurred during the current billing period must be shown and the DPLH summary completed, if applicable.
    - (E) If a given Task Order includes task areas/subtasks, the Statement of Cost must include a breakdown of costs for all respective task areas/subtasks.
    - (F) A breakdown of the percentage of cost of contract performance incurred for Contractor personnel and the cost of contract performance incurred for subcontractor personnel. This information will be utilized to monitor compliance with FAR 52.219-14, Limitations on Subcontracting, on an IDIQ contract basis.
  - (2) The Contractor shall prepare and submit the supporting documentation with each voucher in accordance with the following:
    - (A) Direct costs (e.g., labor, equipment, travel, supplies, etc.) claimed for reimbursement on the Statement of Cost must be adequately supported. The level of detail provided must clearly indicate where the funds were expended. For example, support for labor costs must include the labor category (e.g., program manager, senior engineer, technician, etc.), the hourly rate, the labor cost per category, and any claimed overtime; equipment costs must be supported by a list of the equipment purchased, along with the item's cost; supporting data for travel must include the destination of the trip, number and labor category of travelers, transportation

costs, per diem costs, and purpose of the trip; and supplies should be categorized by the nature of the items (e.g., office, lab, computer, etc.) and the dollar amount per category.

- (B) Indirect rates used for billings must be clearly indicated, as well as their basis of application. When the cognizant Administrative Contracting Officer (ACO) or auditor approves a change in the billing rates, include a copy of the approval.
- (C) All claimed subcontractor costs must be supported by submitting the same detail as outlined herein.

#### **G.7 DOE-G-2007 CONTRACTOR PERFORMANCE ASSESSMENT REPORTING (OCT 2014)**

- (a) The Contracting Officer will document the Contractor's performance under this contract (including any task orders placed against it, if applicable) by using the Contractor Performance Assessment Reporting System (CPARS). CPARS information is handled as "Source Selection Information." Performance assessments entered into CPARS by the Contracting Officer are transmitted to the Past Performance Information Retrieval System (PPIRS) which is maintained by the Department of Defense (DoD). Information in PPIRS is available to authorized Government personnel seeking past performance information when evaluating proposals for award.
- (b) Contractor performance will be evaluated at least annually at the contract or task order level, as determined by the Contracting Officer. Evaluation categories may include any or all of the following at the Government's discretion: (1) quality, (2) schedule, (3) business relations, (4) business management/key personnel, and (5) cost/price. PPIRS information is available at <http://www.ppirs.gov>, and CPARS information is available at <http://www.cpars.gov>. It is recommended that the Contractor take the overview training that can be found on the CPARS website. The Contractor shall acknowledge receipt of the Government's request for comments on CPARS assessments at the time it is received and shall respond to such requests within thirty (30) calendar days of the request.
- (c) Joint Ventures. Performance assessments shall be prepared on contracts with joint ventures. When the joint venture has a unique Commercial and Government Entity (CAGE) code and Data Universal Numbering System (DUNS) number, a single assessment will be prepared for the joint venture using its CAGE code and DUNS number. If the joint venture does not have a unique CAGE code and DUNS number, separate assessments, containing identical narrative, will be prepared for each participating contractor and will state that the evaluation is based on performance under a joint venture and will identify the contractors that were part of the joint venture.

(d) In addition to the performance assessments addressed above, the Government will perform other performance assessments necessary for administration of the contract in accordance with other applicable clauses in this contract.

**G.8 DOE-G-2008 NON-SUPERVISION OF CONTRACTOR EMPLOYEES (OCT 2014)**

The Government shall not exercise any supervision or control over Contractor employees performing services under this contract. The Contractor's employees shall be held accountable solely to the Contractor's management, who in turn is responsible for contract performance to the Government.

**G.9 DEFECTIVE OR IMPROPER INVOICE**

The name, title, office name, phone number, e-mail, and complete mailing address of those officials of the Contractor who are to be notified when DOE receives a defective or improper invoice are as follows: <To Be Inserted by Offeror>

Name: Richard Smalley

Title: Vice President, Nuclear and Environmental Services, S&K Logistics Services, LLC

Phone Number: [REDACTED]

E-mail: [REDACTED]

Mailing Address: 138 Peachtree Parkway, Byron, GA 31008

**G.10 INDIVIDUAL AUTHORIZED TO ISSUE TASK ORDERS**

The following personnel are authorized to issue task orders under this contract:

Any duly appointed EMCBC Contracting Officer.

**PART I – THE SCHEDULE**

**SECTION H – SPECIAL CONTRACT REQUIREMENTS**

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### **H.1 DOE-H-2011 SUSTAINABLE ACQUISITIONS UNDER CONTRACTS FOR PERSONAL COMPUTERS (SILVER RATING) (OCT 2014)**

Pursuant to Executive Orders 13423, Strengthening Federal Environmental, Energy and Transportation Management, and 13514, Federal Leadership in Environmental, Energy and Economic Performance, 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. It is anticipated that the contractor, when supplying personal computer equipment hereunder, 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.2 DOE-H-2013 CONSECUTIVE NUMBERING (OCT 2014)**

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

### **H.3 DOE-H-2014 CONTRACTOR ACCEPTANCE OF NOTICES OF VIOLATION OR ALLEGED VIOLATIONS, FINES, AND PENALTIES (OCT 2014)**

(a) The Contractor shall accept, in its own name, notices of violation(s) or alleged violations (NOVs/NOAVs) issued by federal or state regulators to the Contractor resulting from the Contractor's performance of work under this contract, without regard to liability. The allowability of the costs associated with fines and penalties shall be subject to other provisions of this contract.

(b) After providing DOE advance written notice, the Contractor shall conduct negotiations with regulators regarding NOVs/NOAVs and fine and penalties. However, the Contractor shall not make any commitments or offers to regulators that would bind the Government, including monetary obligations, without first obtaining written approval from the CO. Failure to obtain advance written approval may result in otherwise allowable costs being declared unallowable and/or the Contractor being liable for any excess costs to the Government associated with or resulting from such offers/commitments.

(c) The Contractor shall notify DOE promptly when it receives service from the regulators of NOVs/NOAVs and fines and penalties.

### **H.4 DOE-H-2018 PRIVACY ACT SYSTEMS OF RECORDS (OCT 2014)**

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

| <b>DOE Privacy Act System Number</b> | <b>DOE Privacy Act System Description</b>  |
|--------------------------------------|--|
| DOE-5                                | Personnel Records of Former Contractor Employees (includes all former workers)                                     |
| DOE-10                               | Energy Employees Occupational Illness Compensation Program Act Files   |
| DOE-11                               | Emergency Operations Notification Call List  |
| DOE-14                               | Report of Compensation   |
| DOE-23                               | Property Accountability System   |
| DOE-28                               | General Training Records   |
| 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-43                               | Personnel Security Clearance Files   |
| DOE-48                               | Security Education and/or Infraction Reports   |
| 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-53                               | Access Authorization for ADP Equipment   |
| DOE-88                               | Epidemiologic and Other Health Studies, Surveys, and Surveillances   |

If the above list does not address all of the systems of records that are generated based on contract performance, then the contractor shall notify the Contracting Officer prior to contract award or as soon as the discrepancy is discovered. The contractor shall monitor the identified systems and notify the Contracting Officer immediately if there is a change to an existing system or if a new system is needed. Lack of notification does not exempt the contractor from complying with the Privacy Act.

#### **H.5 DOE-H-2029 POSITION QUALIFICATIONS (OCT 2014)**

The Contractor shall provide personnel for the performance of this contract, whether employees of the Contractor or employees of a subcontractor, which satisfy as a minimum the applicable labor category qualifications, both education and experience, set forth in Section J, Attachment J-6, Position Qualifications, except as the Contracting Officer may otherwise authorize.

#### **H.6 DOE-H-2030 SECTION 8(A) DIRECT AWARDS (OCT 2014)**

(a) This contract is issued as a direct award between the Department of Energy (DOE) and the Contractor pursuant to a Partnership Agreement between the Small Business Administration (SBA) and DOE. In accordance with the SBA-DOE Partnership Agreement, SBA has delegated to DOE, for re-delegation to warranted DOE Contracting Officers, its authority to enter into prime contracts with eligible 8(a) participants in accordance with section 8(a) (1)(A) of the Small Business Act. 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.

(b) DOE is responsible for administering the contract and acting on behalf of the Government under the terms and conditions of the contract. DOE may assign contract administration functions to another Government contract administration office. However, DOE shall provide advance notice to the SBA before it issues any final notice terminating performance, either in whole or in part, under the contract; and DOE shall obtain SBA's approval prior to processing any novation agreement.

(c) The Contractor shall notify the DOE Contracting Officer, 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 relinquish ownership or control of such, or enter into any agreement to relinquish such ownership or control. Consistent with 15 U.S.C. 637(a) (21), transfer of ownership or control shall result in termination of the contract for the convenience of the Government, unless SBA waives the requirement for termination.

#### **H.7 DOE-H-2033 ALTERNATIVE DISPUTE RESOLUTION (OCT 2014)**

- (a) The DOE and the Contractor both recognize that methods for fair and efficient resolution of contractual issues in controversy by mutual agreement are essential to the successful and timely completion of contract requirements. Accordingly, DOE and the Contractor shall use their best efforts to informally resolve any contractual issue in controversy by mutual agreement. Issues of controversy may include a dispute, claim, question, or other disagreement. The parties agree to negotiate with each other in good faith, recognizing their mutual interests, and attempt to reach a just and equitable solution satisfactory to both parties.
- (b) If a mutual agreement cannot be reached through negotiations within a reasonable period of time, the parties may use a process of alternate dispute resolution (ADR) in accordance with the clause at FAR 52.233-1, Disputes. The ADR process may involve mediation, facilitation, fact-finding, group conflict management, and conflict coaching by a neutral party. The neutral party may be an individual, a board comprised of independent experts, or a company with specific expertise in conflict resolution or expertise in the specific area of controversy. The neutral party will not render a binding decision, but will assist the parties in reaching a mutually satisfactory agreement. Any opinions of the neutral party shall not be admissible in evidence in any subsequent litigation proceedings.
- (c) Either party may request that the ADR process be used. The Contractor shall make a written request to the Contracting Officer, and the Contracting Officer shall make a written request to the appropriate official of the Contractor. A voluntary election by both parties is required to participate in the ADR process. The parties must agree on the procedures and terms of the process, and officials of both parties who have the authority to resolve the issue must participate in the agreed upon process.
- (d) ADR procedures may be used at any time that the Contracting Officer has the

authority to resolve the issue in controversy. If a claim has been submitted by the Contractor, ADR procedures may be applied to all or a portion of the claim. If ADR procedures are used subsequent to issuance of a Contracting Officer's final decision under the clause at FAR 52.233-1, Disputes, their use does not alter any of the time limitations or procedural requirements for filing an appeal of the Contracting Officer's final decision and does not constitute reconsideration of the final decision.

- (e) If the Contracting Officer rejects the Contractor's request for ADR proceedings, the Contracting Officer shall provide the Contractor with a written explanation of the specific reasons the ADR process is not appropriate for the resolution of the dispute. If the Contractor rejects the Contracting Officer's request to use ADR procedures, the Contractor shall provide the Contracting Officer with the reasons for rejecting the request.

#### **H.8 DOE-H-2034 CONTRACTOR INTERFACE WITH OTHER CONTRACTORS AND/OR GOVERNMENT EMPLOYEES (OCT 2014)**

The Government may award contracts to other contractors for work to be performed at a DOE-owned or –controlled site or facility. The Contractor shall cooperate fully with all other on-site DOE contractors and Government employees. The Contractor shall coordinate its own work with 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.9 DOE-H-2035 ORGANIZATIONAL CONFLICT OF INTEREST MANAGEMENT PLAN (OCT 2014)**

Within **10** calendar days after the effective date of the contract, the Contractor shall submit to the Contracting Officer for approval an Organizational Conflict of Interest (OCI) Management Plan (Plan). The Plan shall describe the Contractor's program to identify, avoid, neutralize, or mitigate potential or actual conflicts of interest that exist or may arise during contract performance and otherwise comply with the requirements of the clause at DEAR 952.209-72, Organizational Conflicts of Interest. The Plan shall be periodically updated as required during the term of the contract. The Plan shall include, as a minimum, the following:

- (a) The procedures for identifying and evaluating past, present, and anticipated contracts of the Contractor, its related entities and other performing entities under the contract.
- (b) The procedures the Contractor will utilize to avoid, neutralize, or mitigate potential or actual conflicts of interest.
- (c) The procedures for reporting actual or potential conflicts of interest to the Contracting Officer.

- (d) The procedures the Contractor will utilize to oversee, implement, and update the Plan, to include assigning responsibility for management, oversight and compliance to an individual in the Contractor's organization with full authority to implement the Plan.
- (e) The procedures for ensuring all required representations, certifications and factual analyses are submitted to the Contracting Officer for approval in a timely manner.
- (f) The procedures for protecting agency information that could lead to an unfair competitive advantage if disclosed including collecting disclosure agreements covering all individuals, subcontractors, and other entities with access to agency-sensitive information and physical safeguarding of such information.
- (g) An OCI training and awareness program that includes periodic, recurring training and a process to evidence employee participation.
- (h) The enforceable, employee disciplinary actions to be used by the Contractor for violation of OCI requirements.

#### **H.10 DOE-H-2041 SUSTAINABLE ACQUISITION UNDER DOE SERVICE CONTRACTS (OCT 2014)**

- (a) Pursuant to Executive Orders 13423, Strengthening Federal Environmental, Energy and Transportation Management, and 13514, Federal Leadership in Environmental, Energy, and Economic Performance, the Department of Energy (DOE) 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. The Contractor shall use its best efforts to support DOE in meeting those commitments, including sustainable acquisition or environmentally preferable contracting which may involve several interacting initiatives, such as:
  - (1) Alternative Fueled Vehicles and Alternative Fuels;
  - (2) Biobased Content Products (USDA Designated Products);
  - (3) Energy Efficient Products;
  - (4) Non-Ozone Depleting Alternative Products;
  - (5) Recycled Content Products (EPA Designated Products); and
  - (6) Water Efficient Products (EPA WaterSense Labeled Products).
- (b) The Contractor should become familiar with these information resources:
  - (1) Recycled Products are described at <http://epa.gov/cpg>.

- (2) Biobased Products are described at <http://www.biopreferred.gov/>.
  - (3) Energy efficient products are described at <http://energystar.gov/products> for Energy Star products.
  - (4) FEMP designated products are described at <http://www.eere.energy.gov/femp/procurement>
  - (5) Environmentally Preferable Computers are described at <http://www.epeat.net>.
  - (6) Non-Ozone Depleting Alternative Products are described at <http://www.epa.gov/ozone/strathome.html>.
  - (7) Water efficient plumbing fixtures are described at <http://epa.gov/watersense>.
- (c) If, in the course of providing services at the DOE site, the Contractor's services necessitate the acquisition of any of the above types of products, it is expected that the Contractor will acquire the sustainable, environmentally preferable models unless the 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. While there is no formal reporting, DOE prepares a sustainable acquisition annual report and the Contractor may be asked by the Contracting Officer to provide information in support of DOE's report.

#### **H.11 DOE-H-2043 ASSIGNMENT AND TRANSFER OF CONTRACTS AND SUBCONTRACTS (OCT 2014)**

- (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.12 DOE-H-2046 DIVERSITY PROGRAM (OCT 2014)**

- (a) The Contractor shall develop and implement a diversity program consistent with and in support of the DOE's diversity program. A diversity plan covering the full period of

performance (base and option periods) shall be submitted to the Contracting Officer for approval within 90 calendar days after the effective date of the contract. Once the diversity plan is approved by the Contracting Officer, the Contractor shall implement the diversity plan 30 calendar days of its approval by the Contracting Officer.

(b) The diversity plan shall address, at a minimum, the Contractor's approach to ensure an effective diversity program (including addressing applicable affirmative action and equal employment opportunity regulations) to include: (1) a statement of the Contractor's policies and practices; and (2) planned initiatives and activities which demonstrate a commitment to a diversity program, including recruitment strategies for hiring a diverse work force. The diversity plan shall also address, as a minimum, the Contractor's approach for promoting diversity through (1) the Contractor's work force; (2) educational outreach, including a mentor-protégé program; (3) stakeholder involvement and outreach; (4) subcontracting; and (5) economic development.

(c) An annual diversity report shall be submitted pursuant to H.10 DOE-H-2046 DIVERSITY PROGRAM (OCT 2014). This report shall provide a list of accomplishments achieved, both internally and externally during the current reporting period, and projected initiatives during the next reporting period. The report shall also list any proposed changes to the diversity plan which shall be subject to the Contracting Officer's approval.

### **H.13 DOE-H-2047 FEDERAL HOLIDAYS AND OTHER CLOSURES (OCT 2014)**

(a) Designated Federal holidays. Federal employees observe the following Federal holidays:

- (1) New Year's Day
- (2) Birthday of Martin Luther King, Jr.
- (3) Washington's Birthday
- (4) Memorial Day
- (5) Independence Day
- (6) Labor Day
- (7) Columbus Day
- (8) Veterans Day
- (9) Thanksgiving Day
- (10) Christmas Day

Generally, Federal holidays that fall on Saturday are observed on the preceding Friday; and holidays that fall on Sunday are observed on the following Monday. The exact calendar day and/or date on which any of the listed holidays are observed may change year to year.

(b) Other Federal Holidays. In addition to the holidays specified above in paragraph (a), Federal employees may observe other holidays designated by Federal Statute, Executive Order, or Presidential Proclamation as a one-time, day-off such as Inauguration Day for the President of the United States.

- (c) **Unscheduled closures.** Occasionally, an individual Federally-owned or -controlled site or facility will be closed or have an early closure on a normal work day for other reasons such as inclement weather or facility conditions. If an unplanned closure occurs, the Contractor will be notified as soon as possible after the determination that the Federally-owned or -controlled site or facility will be closed.
- (d) The Contractor shall provide the services required by the contract at Federally-owned or –controlled sites or facilities on all regularly scheduled Federal work days and other days as may be required by the contract. The Contractor shall not provide the services required by the contract on those days, or portions thereof, specified in paragraphs (a), (b) and (c), except as required under paragraph (e). Accordingly, the Contractor’s employees, whose regular duty station in performance of this contract is a Federally-owned or controlled site or facility, shall not be granted access to the facility during those times specified in paragraphs (a), (b) and (c), unless required by paragraph (e) below.
- (e) There may be times that the Contractor is required to perform the services required by the contract on a Federal holiday or other closure times. In the event that such performance is required, the Contracting Officer Representative will notify the Contractor, in writing, and specify the extent to which performance of the contract will be required. The Contractor shall provide sufficient personnel to perform the contractually required work on those days, as directed by the Contracting Officer’s Representative.
- (f) In accordance with the payment and other applicable clauses of the contract, the Government will not pay the Contractor for its employees’ regularly scheduled work hours not actually provided directly in performance of the contract due to an unscheduled closure as contemplated in paragraphs (b) and (c) above.

#### **H.14 DOE-H-2048 PUBLIC AFFAIRS – CONTRACTOR RELEASES OF INFORMATION (OCT 2014)**

In implementation of the clause at DEAR 952.204-75, *Public Affairs*, all communications or releases of information to the public, the media, or Members of Congress prepared by the Contractor related to work performed under the contract shall be reviewed and approved by DOE prior to issuance. Therefore, the Contractor shall, at least 14 calendar days prior to the planned issue date, submit a draft copy to the Contracting Officer of any planned communications or releases of information to the public, the media, or Members of Congress related to work performed under this contract. The Contracting Officer will obtain necessary reviews and clearances and provide the Contractor with the results of such reviews prior to the planned issue date.

#### **H.15 DOE-H-2049 INSURANCE REQUIREMENTS (OCT 2014)**

- (a) In accordance with the clause FAR 52.228-5, *Insurance – Work on a Government Installation*, the following types and minimum amounts of insurance shall be maintained by the Contractor:

- (1) Workers' compensation – Amount in accordance with applicable Federal and State workers' compensation and occupational disease statutes.
  - (2) Employer's liability - \$100,000 (except in States with exclusive or monopolistic funds that do not permit worker's compensation to be written by private carriers).
  - (3) Comprehensive bodily injury liability - \$500,000.
  - (4) Property damage liability – None, unless otherwise required by the Contracting Officer.
  - (5) Comprehensive automobile bodily injury liability - \$200,000 per person and \$500,000 per occurrence.
  - (6) Comprehensive automobile property damage - \$20,000 per occurrence.
- (b) The Contractor shall provide evidence of such insurance, if requested by the Contracting Officer; and the Contracting Officer may require such evidence to be provided prior to the commencement of work under the contract.

**H.16 DOE-H-2053 WORKER SAFETY AND HEALTH PROGRAM IN ACCORDANCE WITH 10 CFR 851 (OCT 2014)**

- (a) The Contractor shall comply with all applicable safety and health requirements set forth in 10 CFR 851, Worker Safety and Health Program, and any applicable DOE Directives incorporated into the contract. The Contractor shall develop, implement, and maintain a written Worker Safety and Health Program (WSHP) which shall describe the Contractor's method for complying with and implementing the applicable requirements of 10 CFR 851. The WSHP shall be submitted to and approved by DOE. The approved WSHP must be implemented prior to the start of work. In performance of the work, the Contractor shall provide a safe and healthful workplace and must comply with its approved WSHP and all applicable federal and state environment, health, and safety regulations.
- (b) The Contractor shall take all reasonable precautions to protect the environment, health, and safety of its employees, DOE personnel, and members of the public. When more than one contractor works in a shared workplace, the Contractor shall coordinate with the other contractors to ensure roles, responsibilities, and worker safety and health provisions are clearly delineated. The Contractor shall participate in all emergency response drills and exercises related to the Contractor's work and interface with other DOE contractors.
- (c) The Contractor shall take all necessary and reasonable steps to minimize the impact of its work on DOE functions and employees, and immediately report all job-related injuries and/or illnesses which occur in any DOE facility to the Contracting Officer Representative (COR). Upon request, the Contractor shall provide to the COR a copy of occupational safety and health self-assessments and/or inspections of work sites for job hazards for work performed at DOE facilities.

- (d) The Contracting Officer may notify the Contractor, in writing, of any noncompliance with the terms of this clause, and the corrective action(s) to be taken. After receipt of such notice, the Contractor shall immediately take such corrective action(s).
- (e) In the event that the Contractor fails to comply with the terms and conditions of this clause, the Contracting Officer may, without prejudice to any other legal or contractual rights, issue a stop-work order halting all or any part of the work. Thereafter, the Contracting Officer may, at his or her discretion, cancel the stop-work order so that the performance of work may be resumed. The Contractor shall not be entitled to an equitable adjustment of the contract amount or extension of the performance schedule due to any stop-work order issued under this clause.
- (f) The Contractor shall flow down the requirements of this clause to all subcontracts at any tier.
- (g) In the event of a conflict between the requirements of this clause and 10 CFR 851, the requirements of 10 CFR 851 shall take precedence.

#### **H.17 DOE-H-2055 GOVERNMENT FURNISHED PROPERTY (OCT 2014)**

In accordance with the clause FAR 52.245-1, *Government Property*, the Government will provide the property listed in Section J, Attachment J-8, Government Furnished Property.

#### **H.18 DOE-H-2057 DEPARTMENT OF LABOR WAGE DETERMINATIONS ALTERNATE I (OCT 2014)**

The Contractor's performance under each individual Task Order issued pursuant to this contract shall comply with the requirements of the U.S. Department of Labor Wage Determination(s) located in Section J, Attachments 3 and 4 of this contract.

#### **H.19 DOE-H-2056 ANNUAL INDIRECT BILLING RATES (OCT 2014) (For T&M Task Orders)**

- (a) Pursuant to the clause at FAR 52.216-7, *Allowable Cost and Payment*, indirect billing rates, revised billing rates (as necessary), and final indirect cost rate agreements must be established between the Contractor and the Department of Energy (DOE) for each of the Contractor's fiscal years for the life of the contract. These indirect rate agreements allow the Contractor to recover indirect expenses incurred during a fiscal year for which final indirect rates have not been established.
- (b) Indirect billing and revised indirect billing rate proposals must represent the Contractor's best estimate of the anticipated indirect expenses to be incurred and the estimated allocation base for the current fiscal year in accordance with its approved accounting system. Revised billing rates allow the adjustment of the approved billing rates, based upon updated information, in order to prevent significant over or under billings.

- (c) The establishment of rates for the reimbursement of independent research and development/bid and proposal costs shall be in accordance with the provisions of FAR Subpart 42.7, "Indirect Cost Rates," FAR 31.205-18, "Independent Research and Development and Bid and Proposal Costs," and DEAR 931.205-18, "Independent Research and Development (IR&D) and Bid and Proposal (B&P) Costs."
- (d) Paragraph (e) below, identifies the requirements and process to be followed by the Contractor in establishing indirect rates for contracts when DOE is the Cognizant Federal Agency (CFA) and when DOE is not the CFA. Specific instructions for submittal of indirect rate proposals to agencies other than DOE must be obtained from the agency involved.
- (e) Requirements whether or not DOE is the CFA.
  - (1) Allowability of costs and acceptability of cost allocation methods shall be determined in accordance with the applicable sections of FAR Part 30, Cost Accounting Standards, FAR Part 31 and DEAR 931, Contract Cost Principles and Procedures, in effect as of the date of this contract.
  - (2) Pending settlement of the final indirect expense rates for any period, the Contractor shall be reimbursed at billing rates approved by the CFA subject to acknowledgment by the cognizant DOE Contracting Officer. These billing rates are subject to appropriate adjustments when revised by mutual agreement or when the final indirect rates are settled, either by mutual agreement or unilateral determination by the CFA subject to acknowledgment by the cognizant DOE Contracting Officer.
  - (3) The Contractor shall continue to use the latest DOE or CFA approved billing rate(s) which have been acknowledged by the cognizant DOE Contracting Officer until those rates are superseded by establishment of final rates or more current billing rates. In those cases where current billing rates have not been established, the latest approved final rates shall be used for invoicing, unless it is determined by the cognizant DOE Contracting Officer that use of said rates would not provide for an equitable recovery of indirect costs. In those instances, the cognizant DOE Contracting Officer will take whatever steps are necessary to establish rates that DOE considers to be reasonable for billing purposes.

## **H.20 DOE-H-2058 DESIGNATION AND CONSENT OF MAJOR OR CRITICAL SUBCONTRACTS – ALTERNATE I (OCT 2014)**

- (a) In accordance with the clause at FAR 52.244-2(d), *Subcontracts*, the following subcontracts have been determined to be major or critical subcontracts:

*<Professional Project Services, Inc. (Pro2Serve) >*

- (b) In the event that the Contractor plans either to award or use a new major or critical subcontract or replace an existing, approved major or critical subcontract identified

in paragraph (a) above, the Contractor shall provide advance notification to, and obtain consent from, the Contracting Officer, notwithstanding the consent requirements under any approved purchasing system or any other terms or conditions of the contract. Consent to these subcontracts is retained by the Contracting Officer and will not be delegated.

- (c) In the event that the Contractor proposes to use a new, or replace, one or more of the approved major or critical subcontractors identified in paragraph (a) above in performance of an individual Task Order, the Contractor shall provide advance notification to, and obtain consent from the cognizant Contracting Officer notwithstanding any other terms and conditions of the contract. Consent of these subcontracts is retained by the cognizant Contracting Officer for the Task Order and will not be delegated. The requirements of this paragraph (c) apply when the Contractor proposes the use of a new major or critical subcontractor either prior to or subsequent to the award of the individual Task Order. The Contractor shall provide rationale and a detailed explanation including the equivalency or similarity of the experience and qualifications to the above listed major or critical subcontractor and any other information requested by the cognizant Contracting Officer. Consent may be provided on a one time basis only and should not be construed as authorizing the use of the new major or critical subcontractor on future Task Orders.

#### **H.21 DOE-H-2059 PRESERVATION OF ANTIQUITIES, WILDLIFE AND LAND AREAS (OCT 2014)**

- (a) Federal Law provides for the protection of antiquities located on land owned or controlled by the Government. Antiquities include Indian graves or campsites, relics and artifacts. The Contractor shall control the movements of its personnel and its subcontractor's personnel at the job site to ensure that any existing antiquities discovered thereon will not be disturbed or destroyed by such personnel. It shall be the duty of the Contractor to report to the Contracting Officer the existence of any antiquities so discovered.
- (b) The Contractor shall also preserve all vegetation (including wetlands) except where such vegetation must be removed for survey or construction purposes. Any removal of vegetation shall be in accordance with the terms of applicable habitat mitigation plans and permits. Furthermore, all wildlife must be protected consistent with programs approved by the Contracting Officer.
- (c) Except as required by or specifically provided for in other provisions of this contract, the Contractor shall not perform any excavations, earth borrow, preparation of borrow areas, or otherwise disturb the surface soils within the job site without the prior approval of DOE or its designee.

**H.22 DOE-H-2062 PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL (OCT 2014)**

- (a) Pursuant to the clause at FAR 52.204-9, *Personal Identity Verification of Contractor Personnel*, the Contractor shall comply with applicable DOE regulations, policies and directives regarding identification, credential and access management for its personnel who have routine physical access to DOE-owned or -controlled sites or facilities or routine access to DOE information systems.
- (b) The Contractor shall comply with the requirements of those DOE directives, or parts thereof, identified below in implementing the requirements of this clause. The Contracting Officer may, at any time, unilaterally amend this clause in order to add, modify or delete specific requirements.

|             |  |                   |
|-------------|--|-------------------|
| DOE O 206.2 | Identity, Credential, and Access Management (ICAM) | February 19, 2013 |
|-------------|--|-------------------|

**H.23 DOE-H-2063 CONFIDENTIALITY OF INFORMATION (OCT 2014)**

- (a) Performance of work under this contract may result in the Contractor having access to confidential information via written or electronic documents, or by virtue of having access to DOE's electronic or other systems. Such confidential information includes personally identifiable information (such as social security account numbers) or proprietary business, technical, or financial information belonging to the Government or other companies or organizations. The Contractor shall treat this information as confidential and agrees not to use this information for its own purposes, or to disclose the information to third parties, unless specifically authorized to do so in writing by the Contracting Officer.
- (b) The restrictions set out in paragraph (a) above, however, do not apply to –
  - (1) Information which, at the time of receipt by the Contractor, is in the public domain;
  - (2) Information which, subsequent to receipt by the Contractor, becomes part of the public domain through no fault or action of the Contractor;
  - (3) Information which the Contractor can demonstrate was previously in its possession and was not acquired directly or indirectly as a result of access obtained by performing work under this contract;
  - (4) Information which the Contractor can demonstrate was received from a third party who did not require the Contractor to hold it in confidence; or
  - (5) Information which is subject to release under applicable law.
- (c) The Contractor shall obtain a written agreement from each of its employees who are granted access to, or furnished with, confidential information, whereby the employee agrees that he or she will not discuss, divulge, or disclose any such information to

any person or entity except those persons within the Contractor's organization directly concerned with the performance of the contract. The agreement shall be in a form satisfactory to the Contracting Officer.

- (d) Upon request of the Contracting Officer, the Contractor agrees to execute an agreement with any party which provides confidential information to the Contractor pursuant to this contract, or whose facilities the Contractor is given access to that restrict use and disclosure of confidential information obtained by the Contractor. A copy of the agreement, which shall include all material aspects of this clause, shall be provided to the Contracting Officer for approval.
- (e) Upon request of the Contracting Officer, the Contractor shall supply the Government with reports itemizing the confidential or proprietary information it receives under this contract and identify the source (company, companies or other organizations) of the information.
- (f) The Contractor agrees to flow down this clause to all subcontracts issued under this contract.

#### **H.24 DOE-H-2064 USE OF INFORMATION TECHNOLOGY EQUIPMENT, SOFTWARE, AND THIRD PARTY SERVICES - ALTERNATE I (OCT 2014)**

- (a) Acquisition of Information Technology. The Government may provide information technology equipment, existing computer software (as described in 48 CFR 27.405), and third party services for the Contractor's use in the performance of the contract; and the Contracting Officer may provide guidance to the Contractor regarding usage of such equipment, software, and third party services. The Contractor is not authorized to acquire (lease or purchase) information technology equipment, existing computer software, or third party services at the Government's direct expense without prior written approval of the Contracting Officer. Should the Contractor propose to acquire information technology equipment, existing computer software, or third party services, the Contractor shall provide to the Contracting Officer justification for the need, including a complete description of the equipment, software or third party service to be acquired, and a lease versus purchase analysis if appropriate.
- (b) The Contractor shall immediately provide written notice to the Contracting Officer's Representative when an employee of the Contractor no longer requires access to the Government information technology systems.
- (c) The Contractor shall not violate any software licensing agreement, or cause the Government to violate any licensing agreement.
- (d) The Contractor agrees that its employees will not use, copy, disclose, modify, or reverse engineer existing computer software provided to it by the Government except as permitted by the license agreement or any other terms and conditions under which the software is made available to the Contractor.
- (e) If at any time during the performance of this contract the Contractor has reason to

believe that its utilization of Government furnished existing computer software may involve or result in a violation of the software licensing agreement, the Contractor shall promptly notify the Contracting Officer, in writing, of the pertinent facts and circumstances. Pending direction from the Contracting Officer, the Contractor shall continue performance of the work required under this contract without utilizing the software.

- (f) The Contractor agrees to include the requirements of this clause in all subcontracts at any tier.
- (g) The Contractor shall comply with the requirements of those DOE directives, or parts thereof, identified elsewhere in the contract pursuant to the clause at DOE-H-2071, Department of Energy Directives.

#### **H.25 DOE-H-2065 REPORTING OF FRAUD, WASTE, ABUSE, CORRUPTION, OR MISMANAGEMENT (OCT 2014)**

The Contractor shall comply with the following:

- (a) Notify employees annually of their duty to report allegations of fraud, waste, abuse, misuse, corruption, criminal acts, or mismanagement relating to DOE programs, operations, facilities, contracts, or information technology systems to an appropriate authority (e.g., OIG, other law enforcement, supervisor, employee concerns office, security officials). Examples of violations to be reported include, but are not limited to, allegations of false statements; false claims; bribery; kickbacks; fraud; DOE environment, safety, and health violations; theft; computer crimes; contractor mischarging; conflicts of interest; and conspiracy to commit any of these acts. Contractors must also ensure that their employees are aware that they may always report incidents or information directly to the Office of Inspector General (OIG).
- (b) Display the OIG hotline telephone number in buildings and common areas such as cafeterias, public telephone areas, official bulletin boards, reception rooms, and building lobbies.
- (c) Publish the OIG hotline telephone number in telephone books and newsletters under the Contractor's cognizance.
- (d) Ensure that its employees report to the OIG within a reasonable period of time, but not later than 24 hours after discovery, all alleged violations of law, regulations, or policy, including incidents of fraud, waste, abuse, misuse, corruption, criminal acts, or mismanagement, that have been referred to Federal, State, or local law enforcement entities.
- (e) Ensure that its employees report to the OIG any allegations of reprisals taken against employees who have reported to the OIG fraud, waste, abuse, misuse, corruption, criminal acts, or mismanagement.
- (f) Ensure that its managers do not retaliate against DOE contractor employees who report fraud, waste, abuse, misuse, corruption, criminal acts, or mismanagement.

- (g) Ensure that all their employees understand that they must –
  - (1) Comply with requests for interviews and briefings and must provide affidavits or sworn statements, if so requested by an employee of the OIG so designated to take affidavits or sworn statements;
  - (2) Not impede or hinder another employee's cooperation with the OIG; and
  - (3) Not take reprisals against DOE contractor employees who cooperate with or disclose information to the OIG or other lawful appropriate authority.
- (h) Seek more specific guidance concerning reporting of fraud, waste, abuse, corruption, or mismanagement, and cooperation with the Inspector General, in DOE directives.

**H.26 DOE-H-2066 SAFEGUARDS AND SECURITY PROGRAM (OCT 2014)**

- (a) Pursuant to the clause at DEAR 952.204-2, *Security*, the Contractor agrees to comply with all security regulations and contract requirements as incorporated into the contract.
- (b) The Contractor shall comply with the requirements of those DOE directives, or parts thereof, identified below in implementing the requirements of this clause. The Contracting Officer, may, at any time, unilaterally amend this clause in order to add, modify or delete specific requirements.

|                            |  |         |
|----------------------------|--|---------|
| DOE Order 470.4B           | Safeguards and Security Program                            | 7/21/11 |
| DOE Manual 470.4-1, Chg. 2 | Safeguards and Security Program<br>Planning and Management | 7/21/11 |
| DOE Order 205.1B, Chg. 3   | Department of Energy Cyber<br>Security Management          | 5/16/11 |

**H.27 DOE-H-2067 GOVERNMENT FURNISHED ON-SITE FACILITIES OR SERVICES (OCT 2014)**

- (a) Pursuant to the Government Property clause of this contract, the Government shall, during the period of performance of this contract, furnish to the Contractor office space for approximately up to 25 contractor personnel. Additional office space may be provided by the Government as necessary for contract performance. The Contractor shall not acquire or lease any office space without the prior written approval of the Contracting Officer.
- (b) As necessary during contract performance, the Government shall provide to the Contractor, for that office space described in paragraph (a) above, office furnishings, supplies, utilities, telephone, janitorial and mail services, and access to Government-owned computer systems.

**H.28 DOE-H-2070 KEY PERSONNEL (OCT 2014) Alternate I (OCT 2014)**

- (a) Pursuant to the clause at DEAR 952.215-70, *Key Personnel*, the key personnel for this contract are identified below:

| Name             | Position        |
|------------------|-----------------|
| [Joseph Ritchey] | Program Manager |

In addition to the requirement for the Contracting Officer's approval before removing, replacing, or diverting any of the listed key personnel, the Contracting Officer's approval is also required for any change to the position assignment of a current key person.

- (b) Key personnel team requirements. The Contracting Officer and designated Contracting Officer's Representative(s) shall have direct access to the key personnel assigned to the contract. All key personnel shall be permanently assigned to their respective positions.
- (c) Definitions. In addition to the definitions contained in the clause at DEAR 952.215-70, the following shall apply:
- (1) The term "reasonably in advance" is defined as thirty (30) calendar days.
- (d) The Program Manager position is a position that is required to be located at and performed in Grand Junction, CO.
- (e) Contract Price Reductions for Changes to Key Personnel.
- (1) Notwithstanding approval by the Contracting Officer, any time the Program Manager (the initial Program Manager or any substitution approved by the Contracting Officer) is changed for any reason within two (2) years of the first task order award, DOE may modify any current task order by reducing the task order price by a total of \$25,000.00 for each and every occurrence of a change.
  - (2) The Contractor may request in writing that the Contracting Officer consider waiving all or part of a reduction in price. Such written request shall include the Contractor's basis for the removal, replacement, or diversion of any key personnel. The Contracting Officer shall have the unilateral discretion to make the determination to waive all or part of the reduction in price.

**H.29 DOE-H-2071 DEPARTMENT OF ENERGY DIRECTIVES (OCT 2014)**

- (a) In performing work under this contract, the Contractor shall comply with the requirements of those Department of Energy (DOE) directives, or parts thereof listed in Section J, Attachment J-2 – Requirement Sources and Implementing Documents

(List A) and List of Applicable DOE Directives (List B), or identified elsewhere in the contract.

- (b) The Contracting Officer may, at any time, unilaterally amend this clause, or other clauses which incorporate DOE directives, in order to add, modify or delete specific requirements. Prior to revising the listing of directives, the Contracting Officer shall notify the Contractor in writing of the Department's intent to revise the list, and the Contractor shall be provided with the opportunity to assess the effect of the Contractor's compliance with the revised list on contract cost and funding, technical performance, and schedule, and identify any potential inconsistencies between the revised list and the other terms and conditions of the contract. Within 30 days after receipt of the Contracting Officer's notice, the Contractor shall advise the Contracting Officer in writing of the potential impact of the Contractor's compliance with the revised list. Based on the information provided by the Contractor and any other information available, the Contracting Officer shall decide whether to revise the listing of directives and so advise the Contractor not later than 30 days prior to the effective date of the revision.
- (c) Notwithstanding the process described in paragraph (b), the Contracting Officer may direct the Contractor to immediately begin compliance with the requirements of any directive.
- (d) The Contractor and the Contracting Officer shall identify and, if appropriate, agree to any changes to other contract terms and conditions, including cost and schedule, associated with the revision pursuant to the clause of this contract at FAR 52.243-1, Changes – Fixed-Price for FFP task orders, and/or FAR 52.243-3, Changes – Time-and-Materials or Labor-Hours for T&M task orders.
- (e) Regardless of the performer of the work, the Contractor is responsible for compliance with the requirements of this clause. The Contractor shall include this clause in all subcontracts to the extent necessary to ensure the Contractor's compliance with these requirements.

### **H.30 DOE-H-2072 USE OF GOVERNMENT VEHICLES BY CONTRACTOR EMPLOYEES (OCT 2014)**

- (a) The Government will provide Government-owned and/or –leased motor vehicles for the Contractor's use in performance of this contract in accordance with the clause FAR 52.245-1, Government Property.
- (b) The Contractor shall ensure that its employees use and operate Government-owned and/or –leased motor vehicles in a responsible and safe manner to include the following requirements:
  - (1) Use vehicles only for official purposes and solely in the performance of the contract.

- (2) Do not use vehicles for transportation between an employee's residence and place of employment unless authorized by the Contracting Officer.
  - (3) Comply with Federal, State and local laws and regulations for the operation of motor vehicles.
  - (4) Possess a valid State, District of Columbia, or commonwealth's operator license or permit for the type of vehicle to be operated.
  - (5) Operate vehicles in accordance with the operator's packet furnished with each vehicle.
  - (6) Use seat belts while operating or riding in a Government vehicle.
  - (7) Do not use tobacco products while operating or riding in a Government vehicle.
  - (8) Do not provide transportation to strangers or hitchhikers.
  - (9) Do not engage in "text messaging" while operating a Government vehicle, which includes those activities defined in the clause at FAR 52.233-18, Encouraging Contractor Policies to Ban Text Messaging While Driving.
  - (10) In the event of an accident, provide information as may be required by State, county or municipal authorities and as directed by the Contracting Officer.
- (c) The Contractor shall -
- (1) Establish and enforce suitable penalties against employees who use, or authorize the use of Government vehicles for unofficial purposes or for other than in the performance of the contract; and
  - (2) Pay any expenses or cost, without Government reimbursement, for using Government vehicles other than in the performance of the contract.
- (d) The Contractor shall insert this clause in all subcontracts in which Government-owned and/or -leased vehicles are to be provided for use by subcontractor employees.

### **H.31 DOE-H-2076 LOBBYING RESTRICTIONS (OCT 2014)**

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 regulation.

### **H.32 TASK ORDERING PROCEDURE**

- (a) A task order may be issued under this basic IDIQ contract for any work scope covered by Section C, Performance Work Statement. Task orders may be issued as Firm-Fixed-Price (FFP) or Time-and-Materials (T&M).

- (b) All task order efforts shall be completed in accordance with the contract requirements, in addition to the requirements as stated within the task order. In the event of a conflict between the requirements of the task order and the Contractor's approved task order proposal, the task order shall prevail.
- (c) Prior to issuing a task order, the CO will provide the Contractor with a Request for Task Order Proposal (RFTOP) including, at a minimum, the following:
  - 1. A task order PWS providing the functional description/requirements of the work, deliverables, Government-furnished items (if any), and period of performance, as well as identifying the objectives or results desired from the contemplated task order;
  - 2. Proposed performance standards to be used as criteria for determining whether the work requirements have been met;
  - 3. The requirements for the Contractor's task order proposal (see reference paragraph (f) below); and
  - 4. A response time for submitting the task order proposal.
- (d) Task orders will be issued on forms specified and provided by the Government. Task orders will be numbered. All task order modifications will be issued in writing on a Standard Form 30 and will be numbered sequentially.
- (e) If time constraints do not permit issuance of a fully defined task order in accordance with the procedures described in this clause, the CO may issue an undefinitized task order which includes a Not-To-Exceed ceiling cost/price for which all the terms and conditions will be subsequently negotiated and definitized at a later date.
- (f) The Contractor shall submit a Task Order Proposal within ten (10) calendar days of receipt of each RFTOP issued by the CO.
  - 1. The Contractor's Task Order Proposal shall include, at a minimum, the following:
    - a. Discussion of the technical approach for performing the work;
    - b. A detailed schedule including, but not limited to, key milestones identified in the Government PWS and/or the Contractor's technical approach;
    - c. Detailed cost/price information (reference paragraphs (2) and/or (3) below). The Contractor shall substantiate and provide the basis for all proposed costs (e.g., based on rates set on the IDIQ contract, historical data, competition, or other appropriate industry standard).
    - d. Proposed deviations (if any) from the stated PWS requirements; and
    - e. Any other information required to determine the reasonableness of the Contractor's proposal.
  - 2. The Contractor's Task Order Proposal for Firm-Fixed-Price (FFP) task orders shall, in addition to the minimum requirements found in (f)(1) above, include:
    - a. Date of commencement of work and any necessary revision to the schedule of performance stipulated by the Government.

- b. A total firm-fixed-price for the completion of the work described in the PWS of the task order by the schedule of performance. The firm-fixed-price proposed by the Contractor shall incorporate all anticipated costs including fully-burdened labor, travel, material, equipment and other direct costs.
  - i. The Contractor shall include a detailed breakdown of direct labor hours for each labor category performing the task order work. The Contractor shall determine the total direct labor costs by totaling the number of labor hours for each labor category and then multiplying by the appropriate fully-burdened labor rate from Section J Attachment J-6 IDIQ Schedule of Fully Burdened Labor Rates.
  - ii. Wages need to be tied to qualifications or experience for each labor category.
  - iii. Other Direct Costs (e.g., Materials, Supplies, Equipment, Software Licenses, Training, Travel). The Contractor shall include a detailed breakdown of all Other Direct Costs (ODCs) required to perform the task order work. The Contractor shall propose all travel in accordance with FAR 31.205-46 – Travel Costs, and established Per Diem Rates. The Contractor shall provide a breakout of all travel by number of travelers, number of days, origination and destination locations, allowable per diem rates, airfare, and other details to fully support the proposed travel costs.
3. The Contractor’s Task Order Proposal for Time-and-Materials (T&M) task orders shall, in addition to the minimum requirements found in (f)(1) above, include:
  - a. The date of commencement of work and any necessary revision to the schedule of performance stipulated by the Government.
  - b. Direct Productive Labor Hours (DPLH), on an annual basis by the applicable labor category, and the total number of labor hours, estimated to be necessary to complete the task order. The Contractor shall determine the total direct labor costs by totaling the number of labor hours for each labor category and then multiplying by the appropriate fully-burdened labor rate from Section J Attachment J-6 IDIQ Schedule of Fully Burdened Labor Rates.
  - c. Wages need to be tied to qualifications or experience for each labor category.
  - d. Travel and Other Direct Costs.
    1. An estimate for subcontractors and consultants, including DPLH, if applicable.
    2. The Contractor shall include a detailed breakdown of all proposed Materials and Supplies required to perform the task order work.
    3. The Contractor shall propose all travel in accordance with FAR 31.205-46 – *Travel Costs*, and established Per Diem Rates. The Contractor shall provide a breakout of all travel by number of travelers, number of days, origination and destination locations, allowable per diem rates, airfare, and other details to fully support the proposed travel costs.
  - e. Other pertinent information.
- (g) The Contractor’s task order proposal is subject to review and acceptance by the CO or his/her designee. The CO will either approve the Contractor’s task order proposal or

negotiate any areas of disagreement with the Contractor. The Contractor shall not perform any work on the task order until authorized by the CO. After review and any necessary discussions, the CO may issue a task order to the Contractor containing, as a minimum, the following:

1. Date of the order.
  2. Contract number and task order number.
  3. PWS identifying the objectives or results desired from the task order, including special instructions or other information necessary for performance of the task.
  4. Performance standards, and where appropriate, quality assurance standards.
  5. Maximum dollar amount authorized (FFP amount or T&M ceiling value).
  6. Any other resources (e.g., travel, material, equipment, facilities) authorized.
  7. Delivery/performance schedule including start and end dates.
  8. Accounting and appropriation data.
- (h) With respect to Section I clause FAR 52.216-18 Ordering, paragraph (c), task orders may be issued via mail, facsimile, or electronically.
- (i) The Contractor shall provide acknowledgement to the CO of receipt of the task order within 2 business days after receipt.
- (j) The Contractor shall deliver all task order specific deliverables as stated in the task order.

### **H.33 PARTNERING**

In order to most effectively accomplish this Contract, the Government proposes to form a cohesive partnership with the Contractor. It is a way of doing business based upon trust, dedication to common goals, and an understanding and respect of each other's expectations and values. The process creates a teambuilding environment which fosters better communication and problem solving, and a mutual trust between the participants. These key elements create a climate in which issues can be raised, openly discussed, and jointly settled, without getting into an adversarial relationship. In this way, partnering is a mindset, and a way of doing business. It is an attitude toward working as a team, and achieving successful project execution. This endeavor seeks an environment that nurtures team building cooperation, and trust between the Government and the Contractor. The partnership strives to draw on the strengths of each organization in an effort to achieve a quality project done right the first time, within budget, and on schedule.

Participation in the partnership will be totally voluntary by the parties. Any cost associated with effectuating this partnership will be accounted for in accordance with the terms of this Contract.

### **H.34 SECTION 8(A) 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 SBA is not identified in Section A (Standard Form 26), 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 15<sup>th</sup> street, Suite 1100  
Helena, MT 59626

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 may assign contract administration functions to a contract administration office.

The contractor agrees:

(1) To notify the Contracting Officer, 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) To comply with FAR 52.219-14, "Limitations on Subcontracting."

### **H.35 CONTRACTOR EMPLOYEE TRAINING**

The Contractor shall be responsible for selecting personnel who are well qualified to perform the required work, overseeing their performance, and ensuring that the quality of services meets Government expectations. The Contractor shall hire only competent personnel to be used in the performance of this Contract and any subsequent Task Orders. DOE shall have the right to direct the Contractor to require the replacement of any employee of the Contractor who does not meet the qualification, training, and certification requirements necessary to perform the work. Personnel assigned by the Contractor shall also practice good standards of moral and ethical conduct that are acceptable to the Government.

The Contractor shall provide fully qualified and trained personnel from its own resources to

support the requirements under this contract. The Contractor is responsible for ensuring that employees remain cognizant and knowledgeable of emerging and proven technologies applicable to the work to be performed.

The Contractor shall ensure that all employees who perform services under this Contract attend mandatory DOE-provided security and/or safety training, as directed by the Contracting Officer or Contracting Officer's Representative (usually within 30 days of the first date of performance on this Contract and at least once annually thereafter). As well as any project training discussed in Section C.3.4, Training. The Contractor shall ensure that every employee expected to work on federal property is instructed to safely and competently perform the work.

### **H.36 QUALITY ASSURANCE FOR WORK AFFECTING NUCLEAR SAFETY**

The Contractor shall implement a Department of Energy (DOE) approved Quality Assurance Program (QAP) in accordance with the current revisions of the Environmental Management (EM) QAP, EM-QA-001, prior to commencement of work affecting nuclear safety. The EM QAP provides the basis to achieve quality across the EM complex for all mission-related work while providing a consistent approach to Quality Assurance (QA).

EM requires that American Society of Mechanical Engineers (ASME) NQA-1-2008, "*Quality Assurance Requirements for Nuclear Facility Applications*," and addenda through 2009 to be implemented as part of the Contractor's QA Program for work affecting nuclear safety. The required portions of NQA-1 to be implemented include: 1) Introduction; 2) Part I; and 3) Applicable portions of Part II. NQA-1 Parts III and IV are to be used as guidance for the Contractor's QAP and implementing procedures.

Contractors have three options for complying with this contract requirement:

1. Develop and submit for DOE approval a new QAP;
2. Adopt the prior Contractor's DOE-approved QAP; or,
3. Modify the prior Contractor's DOE-approved QAP and submit it for DOE approval.

Development of a new QAP, or adoption of an existing or modified version of a QAP from a prior contractor, does not alter a contractor's legal obligation to comply with 10 CFR 830, other regulations affecting QA and DOE Order 414.1D.

The Contractor's QAP shall describe the overall implementation of the EM QA requirements and shall be applied to all work performed by the Contractor (e.g., research, design/engineering, construction, operation, budget, mission, safety, and health). Specifically, the contractor's QAP shall also describe the supply chain for electronic subcomponents, require procurement of sub-components only from original equipment manufacturers or original equipment manufacturer authorized distributors, and require electronic subcomponents be procured from vendors with a documented successful history with the supplier. The Contractor shall develop and implement a comprehensive Issues Management System for the identification, assignment of significance category,

and processing of nuclear safety-related issues identified within the Contractor's organization. The significance assigned to the issues shall be the basis for all actions taken by the Contractor in correcting the issue from initial causal analysis, reviews for reporting to DOE, through completion of Effectiveness Reviews, if required based on the seriousness of the issue.

The Contractor shall, at a minimum, annually review and update as appropriate, their QAP. The review and any changes shall be submitted to DOE for approval. Changes shall be approved before implementation by the Contractor.

### **H.37 DEPARTMENT OF ENERGY TRAINING INSTITUTE – OCCUPATIONAL HEALTH, SAFETY, AND EMERGENCY RESPONSE (JAN 2017)**

- (a) The Contractor shall utilize the Department of Energy (DOE) Training Institute (DTI) resources to the maximum extent practical for occupational, health, safety, and emergency response training. The Contractor, as applicable, shall use DTI by utilizing the reciprocity program, instructor-certification, mobile training teams, and use of common core curriculum as applicable.
- (1) Reciprocity: The DTI Training Reciprocity program evaluates and certifies training programs and core content against DOE requirements, establishing a basis for consistent training. Reciprocity reduces redundant training to improve employee mobility and project mobilization, saving time and resources. Reference DOE Policy 364.1.
  - (2) Common Core Curriculum: Courses in the Common Core Training Program are developed and maintained by DTI instructional designers and subject matter experts. These courses are available enterprise-wide for delivery by DTI-certified instructors. Common Core Training eliminates duplicative course development and maintenance activities while providing maximum flexibility for delivery.
  - (3) Instructor-Certification: The DTI Instructor Certification Program recognizes subject matter experts and experienced trainers who are qualified to deliver common core courses across the DOE enterprise. The Contractor selects instructors to be certified by DTI.
  - (4) Mobile Training Teams: Mobile Training Teams are available to DOE locations who do not maintain the capability to deliver a specific course. Courses are delivered by certified DTI instructors who are subject matter experts in the topical area.
- (b) DTI course offerings, information on becoming a certified DTI trainer, enrollment, and contact information can be found on <https://dti.doe.gov>.
- (c) DTI training shall be considered common core fundamental material. Contractors are expected to provide gap training needed to address site specifics identified through their approved Integrated Safety Management (ISM) Program and associated program plans required by existing DOE requirements. Gap training shall not repeat fundamental training core content.

- (d) DTI training is funded by DOE with no cost to the Contractors.
- (e) The Contractor shall first consider DTI for all applicable training needs and only obtain such training outside of DTI after written approval of the Contracting Officer (CO) following the Contractor's written request containing the following: (1) rationale describing in detail why DTI provided material, including contractor supplemented site specific material, is insufficient, (2) rationale supporting the increased cost, scope, and schedule of maintaining a local course and capability for training instruction proposed in place of DTI training, and (3) rationale as to why the loss of standardization DOE is seeking by using alternative materials is of value to the DOE. Prior to requesting CO approval, the contractor shall complete the course request form at <https://dti.doe.gov>. DTI will respond within 10 working days on the availability of DTI course materials that might provide the course or assist in the development of the Contractor course.
- (f) This contract clause shall be flowed down to all subcontractors, and the Contractor is responsible for compliance by its employees and subcontractors.

### **H.38 ENERGY EMPLOYEES OCCUPATIONAL ILLNESS COMPENSATION PROGRAM ACT**

The EEOICPA establishes a program to provide compensation to current and former employees of the Department of Energy (DOE), its contractors and subcontractors, companies that provided beryllium to DOE, and atomic weapons employers (AWEs). Under EEOICPA, the Department of Energy has a requirement to verify employment histories, provide medical records, and provide radiation dose records and other information pertinent to National Institute for Occupational Safety and Health (NIOSH) radiation dose reconstruction and Department of Labor (DOL) Subtitle B and Subtitle E case preparation for anyone who applies for compensation under EEOICPA.

The Contractor shall establish a program and respond to the requirements of the EEOICPA for their employees and activities starting with the date of this Task Order award. Activities shall include:

- a) Perform the work necessary to complete EE-5 Employment Verification Forms requested by DOL for the EEOICPA Subtitle B program;
- b) Perform the work necessary to provide Personnel Exposure information requested by NIOSH as part of the EEOICPA Subtitle B program;
- c) Perform the work necessary to complete Document Acquisition Requests (DARs) submitted by DOL for the EEOICPA Subtitle E program;
- d) Perform the work necessary to provide Visitor Personnel Exposure or information requested as part of the EEOICPA Subtitle B program;
- e) Perform other necessary EEOICPA related records work, as needed;

- f) Maintain local records to track the activities conducted under EEOICPA;
- g) Perform the work necessary to complete Employment Verifications requested by DOL for the EEOICPA Subtitle B program:
- h) Research and retrieve records needed to complete claims forms;
- i) If necessary, work with corporate entities or unions to verify employment of former site workers;
- j) Complete all necessary claims forms associated with the request;
- k) Complete declassification, as needed, of records required for the processing of claims forms;
- l) Return completed forms, along with any attachments, to DOL.
- m) Perform the work necessary to provide personnel exposure information requested by NIOSH as part of the EEOICPA Subtitle B program:
  - Research and retrieve records needed to complete claims forms;
  - Complete declassification, as needed, of records required for the processing of claims form;
  - Complete and sign off on all necessary claims forms associated with the request;
  - Mail completed forms and records requested to NIOSH.
- n) Perform the work necessary to complete Document Acquisition Requests (DARs) submitted by DOL as part of the EEOICPA Subtitle E program:
  - Research and retrieve records needed to complete claims forms;
  - Complete declassification, as needed, of records required for the processing of claims;
  - Complete and sign off on all necessary claims forms associated with the request;
  - Return completed forms and records requested to DOL.
- o) Perform the work necessary to provide Additional Personnel Exposure Information or Visitor Personnel Exposure Information requested by NIOSH as part of the EEOICPA Subtitle B program:
  - Research and retrieve records needed to complete claims forms;
  - Complete declassification, as needed, of records required for the processing of claims form;
  - Complete and sign off on all necessary claims forms associated with the request;
  - Return completed forms and records requested to ORAU.

- p) The Contractor shall respond to any other inquiries and perform special projects as required by the EEOICPA;
- q) Maintain local records to track the activities under EEOICPA. These records shall be used to report status in the Contractor's Monthly Progress Report. Categories to be reported include the following:
  - DOL-Employment Verification;
  - Exposure Data;
  - NIOSH – Requests;
  - NIOSH – Supplemental Data Request;
  - DAR Requests;
  - DOL and NIOSH data requests for site characterization projects
  - DOE Exposure Requests.

The response time for tasks g through q is 60 days from receipt of request.

### **H.39 DOE-H-2068 CONFERENCE MANAGEMENT (OCT 2014)**

- 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) For the purposes of this clause, "conference" is defined in Attachment 2 to the Deputy Secretary's memorandum of August 17, 2015 entitled "Updated Guidance on Conference-Related Activities and Spending."
- 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 contractor 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. 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 these addresses:

<http://www.acquisition.gov/far>

<http://energy.gov/management/downloads/searchable-electronic-department-energy-acquisition-regulation>

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|-------------|---------------|--|--|
| <b>I.2</b>  | FAR 52.202-1  | Definitions (NOV 2013)   |  |
| <b>I.3</b>  | FAR 52.203-3  | Gratuities (APR 1984)  |  |
| <b>I.4</b>  | FAR 52.203-5  | Covenant Against Contingent Fees (MAY 2014)  |  |
| <b>I.5</b>  | FAR 52.203-6  | Restrictions on Subcontractor Sales to the Government (SEP 2006)   |  |
| <b>I.6</b>  | FAR 52.203-7  | Anti-Kickback Procedures (MAY 2014)  |  |
| <b>I.7</b>  | FAR 52.203-8  | Cancellation, Rescission, and Recovery of Funds for Illegal or Improper Activity (MAY 2014)                      |  |
| <b>I.8</b>  | FAR 52.203-10 | Price or Fee Adjustment for Illegal or Improper Activity (MAY 2014)  |  |
| <b>I.9</b>  | FAR 52.203-12 | Limitation on Payments to Influence Certain Federal Transactions (OCT 2010)                                      |  |
| <b>I.10</b> | FAR 52.203-13 | Contractor Code of Business Ethics and Conduct (OCT 2015)  |  |
| <b>I.11</b> | FAR 52.203-14 | Display of Hotline Poster(s) (OCT 2015)  | (b)(3) DOE IG Hotline Poster:<br><a href="http://energy.gov/sites/prod/files/igprod/documents/Hotline_poster.pdf">http://energy.gov/sites/prod/files/igprod/documents/Hotline_poster.pdf</a> |
| <b>I.12</b> | FAR 52.203-17 | Contractor Employee Whistleblower Rights and Requirement To Inform Employees of Whistleblower Rights. (APR 2014) |  |
| <b>I.13</b> | FAR 52.204-4  | Printed or Copied Double-Sided on Postconsumer Fiber Content Paper (MAY 2011)                                    |  |
| <b>I.14</b> | FAR 52.204-9  | Personal Identity Verification of Contractor Personnel (JAN 2011)  |  |
| <b>I.15</b> | FAR 52.204-10 | Reporting Executive Compensation and First-Tier Subcontract Awards (OCT 2015)                                    |  |
| <b>I.16</b> | FAR 52.204-13 | System for Award Management Maintenance (JUL 2013)   |  |
| <b>I.17</b> | FAR 52.204-15 | Service Contract Reporting Requirements for Indefinite Delivery Contracts (JAN 2014)                             |  |
| <b>I.18</b> | FAR 52.204-18 | Commercial and Government Entity Code Maintenance (JUL 2015)   |  |
| <b>I.19</b> | FAR 52.204-19 | Incorporation by Reference of Representations and  |  |

|             |               |  |  |
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|             |               | Certifications (DEC 2014)  |  |
| <b>I.20</b> | FAR 52.209-6  | Protecting the Government's Interest When Subcontracting With Contractors Debarred, Suspended, or Proposed for Debarment (OCT 2015)  |  |
| <b>I.21</b> | FAR 52.209-9  | Updates of Publicly Available Information Regarding Responsibility Matters (JUL 2013)  |  |
| <b>I.22</b> | FAR 52.209-10 | Prohibition on Contracting With Inverted Domestic Corporations (NOV 2015)  |  |
| <b>I.23</b> | FAR 52.210-1  | Market Research (APR 2011)   |  |
| <b>I.24</b> | FAR 52.215-2  | Audit and Records – Negotiation (OCT 2010)   |  |
| <b>I.25</b> | FAR 52.215-8  | Order of Precedence - Uniform Contract Format (OCT 1997)   |  |
| <b>I.26</b> | FAR 52.215-11 | Price Reduction for Defective Certified Cost or Pricing Data -- Modifications (AUG 2011)   |  |
| <b>I.27</b> | FAR 52.215-13 | Subcontractor Certified Cost or Pricing Data – Modifications (OCT 2010)  |  |
| <b>I.28</b> | FAR 52.215-17 | Waiver of Facilities Capital Cost of Money (OCT 1997)<br><b>NOTE: This clause will not be included in the contract if awardee proposes Facilities Capital Cost of Money in its proposal.</b>               |  |
| <b>I.29</b> | FAR 52.215-19 | Notification of Ownership Changes (OCT 1997)   |  |
| <b>I.30</b> | FAR 52.215-21 | Requirements for Certified Cost or Pricing Data and Data Other Than Certified Cost or Pricing Data - Modifications. (OCT 2010) - Alternate III (OCT 1997)  | (c)CD-ROM, as requested by the Contracting Officer.  |
| <b>I.31</b> | FAR 52.215-23 | Limitations on Pass-Through Charges (OCT 2009)   |  |
| <b>I.32</b> | FAR 52.216-7  | Allowable Cost and Payment (JUN 2013), as modified by DEAR 952.216-7( <b>Applicable only to the portion of T&amp;M task orders that provides for reimbursement of non-labor costs</b> )                    | (a)(3) 30 <sup>th</sup>  |
| <b>I.33</b> | FAR 52.217-8  | Option to Extend Services (NOV 1999)   | any time prior to the expiration of the contract   |
| <b>I.34</b> | FAR 52.217-9  | Option to Extend the Term of the Contract (Mar 2000) ( <b>Applies at the task order level, not at the basic IDIQ contract level. Applicability will be determined on an individual task order basis.</b> ) | (a) TBD on task order level; TBD on task order level<br>(c) TBD on task order level  |
| <b>I.35</b> | FAR 52.219-6  | Notice of Total Small Business Set-Aside (NOV 2011)  |  |
| <b>I.36</b> | FAR 52.219-8  | Utilization of Small Business Concerns (OCT 2014)  |  |
| <b>I.37</b> | FAR 52.219-14 | Limitations on Subcontracting (NOV 2011)   |  |
| <b>I.38</b> | FAR 52.219-28 | Post-Award Small Business Program Representation (JUL 2013)  | (g) Offeror fill-in after award, if applicable: The Contractor represents that it ___ is, ___ is not a small business concern under NAICS Code 562910 assigned to contract number DE-EM0005014. (Contractor to sign and date and insert authorized signer's name and title). |
| <b>I.39</b> | FAR 52.222-3  | Convict Labor (JUN 2003)   |  |
| <b>I.40</b> | FAR 52.222-17 | Nondisplacement of Qualified Workers (MAY 2014)  |  |
| <b>I.41</b> | FAR 52.222-21 | Prohibition of Segregated Facilities (APR 2015)  |  |
| <b>I.42</b> | FAR 52.222-26 | Equal Opportunity (APR 2015)   |  |

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|------|---------------|---|----------------------------|
| I.43 | FAR 52.222-24 | Preaward On-Site Equal Opportunity Compliance Evaluation (FEB 1999)   |                            |
| I.44 | FAR 52.222-37 | Employment Reports on Veterans (FEB 2016)   |                            |
| I.45 | FAR 52.222-40 | Notification of Employee Rights Under the National Labor Relations Act (DEC 2010)   |                            |
| I.46 | FAR 52.222-41 | Service Contract Labor Standards (MAY 2014)   |                            |
| I.47 | FAR 52.222-43 | Fair Labor Standards Act and Service Contract Labor Standards-Price Adjustment (Multiple Year and Option Contracts) (MAY 2014)                  |                            |
| I.48 | FAR 52.222-50 | Combating Trafficking in Persons (MAR 2015)   |                            |
| I.49 | FAR 52.222-54 | Employment Eligibility Verification (OCT 2015)  |                            |
| I.50 | FAR 52.222-55 | Minimum Wages Under Executive Order 13658 (DEC 2015)  |                            |
| I.51 | FAR 52.223-2  | Affirmative Procurement of Biobased Products Under Service and Construction Contracts (Sep 2013)  |                            |
| I.52 | FAR 52.223-5  | Pollution Prevention and Right-to-Know Information (May 2011)   |                            |
| I.53 | FAR 52.223-6  | Drug-Free Workplace (MAY 2001)  |                            |
| I.54 | FAR 52.223-10 | Waste Reduction Program (May 2011)  |                            |
| I.55 | FAR 52.223-16 | Acquisition of EPEAT® – Registered Personal Computer Products (Oct 2015)  |                            |
| I.56 | FAR 52.223-17 | Affirmative Procurement of EPA-designated Items in Service and Construction Contracts (MAY 2008)  |                            |
| I.57 | FAR 52.223-18 | Encouraging Contractor Policies to Ban Text Messaging While Driving (AUG 2011)  |                            |
| I.58 | FAR 52.224-1  | Privacy Act Notification (APR 1984)   |                            |
| I.59 | FAR 52.224-2  | Privacy Act (APR 1984)  |                            |
| I.60 | FAR 52.225-1  | Buy American – Supplies (MAY 2014)  |                            |
| I.61 | FAR 52.225-13 | Restrictions on Certain Foreign Purchases (JUN 2008)  |                            |
| I.62 | FAR 52.227-1  | Authorization and Consent (DEC 2007)  |                            |
| I.63 | FAR 52.227-2  | Notice and Assistance Regarding Patent and Copyright Infringement (DEC 2007)  |                            |
| I.64 | FAR 52.227-3  | Patent Indemnity (APR 1984)   |                            |
| I.65 | FAR 52.227-14 | Rights In Data-General. (MAY 2014) – As Modified by DEAR 927.409, Alternate II (DEC 2007), Alternate III (DEC 2007), and Alternate V (DEC 2007) |                            |
| I.66 | FAR 52.227-23 | Rights to Proposal Data (Technical) (JUN 1987)  | [None] and [March 8, 2017] |
| I.67 | FAR 52.228-5  | Insurance - Work on a Government Installation (JAN 1997)<br><b>(Applies to FFP task orders only)</b>  |                            |
| I.68 | FAR 52.229-3  | Federal, State, and Local Taxes (FEB 2013)<br><b>(Applies to FFP task orders only)</b>  |                            |
| I.69 | FAR 52.232-1  | Payments (APR 1984)<br><b>(Applies to FFP task orders only)</b>   |                            |
| I.70 | FAR 52.232-7  | Payments under Time-and-Materials and Labor-Hour Contracts (AUG2012) <b>(Applies to T&amp;M task orders only)</b>                               |                            |
| I.71 | FAR 52.232-8  | Discounts for Prompt Payment (FEB 2002) <b>(Applies to FFP task orders only)</b>  |                            |
| I.72 | FAR 52.232-9  | Limitation on Withholding of Payments (APR 1984)  |                            |
| I.73 | FAR 52.232-11 | Extras (APR 1984) <b>(Applies to FFP task orders only)</b>  |                            |
| I.74 | FAR 52.232-17 | Interest (MAY 2014)   |                            |

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|--------------|---------------|---|---|
| <b>I.75</b>  | FAR 52.232-22 | Limitation of Funds (APR 1984)  |   |
| <b>I.76</b>  | FAR 52.232-23 | Assignment of Claims (MAY 2014)   |   |
| <b>I.77</b>  | FAR 52.232-25 | Prompt payment (JUL 2013)   |   |
| <b>I.78</b>  | FAR 52.232-33 | Payment by Electronic Funds Transfer - System for Award Management (JUL 2013)                                   |   |
| <b>I.79</b>  | FAR 52.232-39 | Unenforceability of Unauthorized Obligations (JUN 2013)   |   |
| <b>I.80</b>  | FAR 52.232-40 | Providing Accelerated Payments to Small Business Subcontractors (DEC 2013)                                      |   |
| <b>I.81</b>  | FAR 52.233-1  | Disputes (MAY 2014) - Alternate I (DEC 1991)  |   |
| <b>I.82</b>  | FAR 52.233-3  | Protest after Award (AUG 1996)  |   |
| <b>I.83</b>  | FAR 52.233-4  | Applicable Law for Breach of Contract Claim (OCT 2004)  |   |
| <b>I.84</b>  | FAR 52.237-2  | Protection of Government Buildings, Equipment, and Vegetation (APR 1984)  |   |
| <b>I.85</b>  | FAR 52.237-3  | Continuity of Services (JAN 1991)   |   |
| <b>I.86</b>  | FAR 52.239-1  | Privacy or Security Safeguards (Aug 1996)   |   |
| <b>I.87</b>  | FAR 52.242-1  | Notice of Intent to Disallow Costs (Apr 1984)   |   |
| <b>I.88</b>  | FAR 52.242-3  | Penalties for Unallowable Costs (May 2014)  |   |
| <b>I.89</b>  | FAR 52.242-4  | Certification of Final Indirect Costs (Jan 1997)  |   |
| <b>I.90</b>  | FAR 52.242-13 | Bankruptcy (JUL 1995)   |   |
| <b>I.91</b>  | FAR 52.243-1  | Changes - Fixed-Price (AUG 1987) - Alternate IV (APR 1984) <b>(Applies to FFP task orders only)</b>             |   |
| <b>I.92</b>  | FAR 52.243-3  | Changes – Time-and-Materials or Labor-Hours (Sep 2000) <b>(Applies to T&amp;M task orders only)</b>             |   |
| <b>I.93</b>  | FAR 52.244-2  | Subcontracts (Oct 2010)   | (d)Any subcontract to replace any of the subcontracts noted in Paragraph (j) of this clause as well as any subcontract equal to or greater than \$5,000,000.00<br>(j) fill-in: any and all subcontractors evaluated prior to contract award (as listed in Section H.18, DOE-H-2058) and all subcontractors evaluated prior to the award of contract modifications and task orders issued against the contact. |
| <b>I.94</b>  | FAR 52.244-6  | Subcontracts for Commercial Items (FEB 2016)  |   |
| <b>I.95</b>  | FAR 52.245-1  | Government Property (APR 2012) as modified by DEAR 952.245-5  |   |
| <b>I.96</b>  | FAR 52.245-1  | Government Property (APR 2012) Alternate I (APR 2012) as modified by DEAR 952.245-5                             |   |
| <b>I.97</b>  | FAR 52.245-9  | Use and Charges (APR 2012)  |   |
| <b>I.98</b>  | FAR 52.246-25 | Limitation of Liability – Services (FEB 1997)   |   |
| <b>I.99</b>  | FAR 52.248-1  | Value Engineering (OCT 2010)  | (m) [DE-EM0005014]  |
| <b>I.100</b> | FAR 52.249-2  | Termination for Convenience of the Government (Fixed-Price) (APR 2012) <b>(Applies to FFP task orders only)</b> |   |

|              |                 |   |                                 |
|--------------|-----------------|---|---------------------------------|
| <b>I.101</b> | FAR 52.249-6    | Termination (Cost Reimbursement) (MAY 2004)<br><b>(Applies to T&amp;M task orders only)</b>     |                                 |
| <b>I.102</b> | FAR 52.249-8    | Default (Fixed-Price Supply and Service) (APR 1984)<br><b>(Applies to FFP task orders only)</b> |                                 |
| <b>I.103</b> | FAR 52.249-14   | Excusable Delays (APR 1984)   |                                 |
| <b>I.104</b> | FAR 52.251-1    | Government Supply Sources (APR 2012)  |                                 |
| <b>I.105</b> | FAR 52.253-1    | Computer Generated Forms (JAN 1991)   |                                 |
| <b>I.106</b> | DEAR 952.202-1  | Definitions   |                                 |
| <b>I.107</b> | DEAR 952.203-70 | Whistleblower Protection for Contractor Employees (DEC 2000)                                    |                                 |
| <b>I.108</b> | DEAR 952.204-75 | Public Affairs (DEC 2000)   |                                 |
| <b>I.109</b> | DEAR 952.204-77 | Computer Security (AUG 2006)  |                                 |
| <b>I.110</b> | DEAR 952.208-70 | Printing (APR 1984)   |                                 |
| <b>I.111</b> | DEAR 952.209-72 | Organizational Conflicts of Interest (Aug 2009)   |                                 |
| <b>I.112</b> | DEAR 952.215-70 | Key Personnel (DEC 2000)  | (a) See Section H Key Personnel |
| <b>I.113</b> | DEAR 952.219-70 | DOE Mentor-Protégé Program (MAY 2000)   |                                 |
| <b>I.114</b> | DEAR 952.225-71 | Compliance with Export Control Laws and Regulations (Export Clause) (NOV 2015)                  |                                 |
| <b>I.115</b> | DEAR 952.226-74 | Displaced Employee Hiring Preference (JUN 1997)   |                                 |
| <b>I.116</b> | DEAR 952.227-14 | Rights in data-general (DOE coverage-alternates VI and VII)                                     |                                 |
| <b>I.117</b> | DEAR 952.227-82 | Rights to proposal data (APR 1994)  | [None] and [March 8, 2017]      |
| <b>I.118</b> | DEAR 952.242-70 | Technical Direction (DEC 2000)  |                                 |
| <b>I.119</b> | DEAR 952.251-70 | Contractor Employee Travel Discounts (AUG 2009)   |                                 |
| <b>I.120</b> | DEAR 970.5204-3 | Access to and ownership of records (OCT 2014)   |                                 |

## FULL TEXT CLAUSES

### I.121 FAR 52.216-18 ORDERING (OCT 1995)

- (a) Any supplies and services to be furnished under this contract shall be ordered by issuance of delivery orders or task orders by the individuals or activities designated in the Schedule. Such orders may be issued [from effective date of contract award through the end of the total contract period].
- (b) All delivery orders or task orders are subject to the terms and conditions of this contract. In the event of conflict between a delivery order or task order and this contract, the contract shall control.
- (c) If mailed, a delivery order or task order is considered issued when the Government deposits the order in the mail. Orders may be issued orally, by facsimile, or by electronic commerce methods only if authorized in the Schedule.

### I.122 FAR 52.216-19 ORDER LIMITATIONS (OCT 1995)

- (a) *Minimum order.* When the Government requires supplies or services covered by this contract in an amount of less than [\$1,000.00], the Government is not obligated to purchase, nor is the Contractor obligated to furnish, those supplies or services under the contract.
- (b) *Maximum order. The Contractor is not obligated to honor -*
  - (1) Any order for a single item in excess of [\$24,500,000.00]
  - (2) Any order for a combination of items in excess of [\$24,500,000.00]; or
  - (3) A series of orders from the same ordering office within [365 days] that together call for quantities exceeding the limitation in subparagraph (b)(1) or (2) of this section.
- (c) If this is a requirements contract (i.e., includes the Requirements clause at subsection 52.216-21 of the Federal Acquisition Regulation (FAR)), the Government is not required to order a part of any one requirement from the Contractor if that requirement exceeds the maximum-order limitations in paragraph (b) of this section.
- (d) Notwithstanding paragraphs (b) and (c) of this section, the Contractor shall honor any order exceeding the maximum order limitations in paragraph (b), unless that order (or orders) is returned to the ordering office within [5 days] after issuance, with written notice stating the Contractor's intent not to ship the item (or items) called for and the reasons. Upon receiving this notice, the Government may acquire the supplies or services from another source.

**I.123 FAR 52.216-22 INDEFINITE QUANTITY (OCT 1995)**

- (a) This is an indefinite-quantity contract for the supplies or services specified, and effective for the period stated, in the Schedule. The quantities of supplies and services specified in the Schedule are estimates only and are not purchased by this contract.
- (b) Delivery or performance shall be made only as authorized by orders issued in accordance with the Ordering clause. The Contractor shall furnish to the Government, when and if ordered, the supplies or services specified in the Schedule up to and including the quantity designated in the Schedule as the “maximum.” The Government shall order at least the quantity of supplies or services designated in the Schedule as the “minimum.”
- (c) Except for any limitations on quantities in the Order Limitations clause or in the Schedule, there is no limit on the number of orders that may be issued. The Government may issue orders requiring delivery to multiple destinations or performance at multiple locations.
- (d) Any order issued during the effective period of this contract and not completed within that period shall be completed by the Contractor within the time specified in the order. The contract shall govern the Contractor’s and Government’s rights and obligations with respect to that order to the same extent as if the order were completed during the contract’s effective period; provided, that the Contractor shall not be required to make any deliveries under this contract after Three (3) years beyond the end of the contract ordering period.

**I.124 FAR 52.219-17 SECTION 8(A) AWARD (DEC 1996)**

- (a) By execution of a contract, the Small Business Administration (SBA) agrees to the following:
  - (1) To furnish the supplies or services set forth in the contract according to the specifications and the terms and conditions by subcontracting with the Offeror who has been determined an eligible concern pursuant to the provisions of section 8(a) of the Small Business Act, as amended (15 U.S.C. 637(a)).
  - (2) Except for novation agreements and advance payments, delegates to the US Department of Energy the responsibility for administering the contract with complete authority to take any action on behalf of the Government under the terms and conditions of the contract; provided, however that the contracting agency shall give advance notice to the SBA before it issues a final notice terminating the right of the subcontractor to proceed with further performance, either in whole or in part, under the contract.
  - (3) That payments to be made under the contract will be made directly to the subcontractor by the contracting activity.
  - (4) To notify the US Department of Energy Contracting Officer immediately upon notification by the subcontractor that the owner or owners upon whom 8(a) eligibility

was based plan to relinquish ownership or control of the concern.

(5) That the subcontractor awarded a subcontract hereunder shall have the right of appeal from decisions of the cognizant Contracting Officer under the “Disputes” clause of the subcontract.

(b) The offeror/subcontractor agrees and acknowledges that it will, for and on behalf of the SBA, fulfill and perform all of the requirements of the contract.

(c) The offeror/subcontractor agrees that it will not subcontract the performance of any of the requirements of this subcontract to any lower tier subcontractor without the prior written approval of the SBA and the cognizant Contracting Officer of the US Department of Energy.

**I.125 FAR 52.222-35 EQUAL OPPORTUNITY FOR VETERANS (OCT 2015)**

(a) *Definitions.* As used in this clause--

“Active duty wartime or campaign badge veteran,” “Armed Forces service medal veteran,” “disabled veteran,” “protected veteran,” “qualified disabled veteran,” and “recently separated veteran” have the meanings given at FAR 22.1301.

(b) *Equal opportunity clause.* The Contractor shall abide by the requirements of the equal opportunity clause at 41 CFR 60-300.5(a), as of March 24, 2014. This clause prohibits discrimination against qualified protected veterans, and requires affirmative action by the Contractor to employ and advance in employment qualified protected veterans.

(c) *Subcontracts.* The Contractor shall insert the terms of this clause in subcontracts of \$150,000 or more unless exempted by rules, regulations, or orders of the Secretary of Labor. The Contractor shall act as specified by the Director, Office of Federal Contract Compliance Programs, to enforce the terms, including action for noncompliance. Such necessary changes in language may be made as shall be appropriate of identify properly the parties and their undertakings.

**I.126 FAR 52.222-36 EQUAL OPPORTUNITY FOR WORKERS WITH DISABILITIES (JUL 2014)**

(a) *Equal opportunity clause.* The Contractor shall abide by the requirements of the equal opportunity clause at 41 CFR 60-741.5(a), as of March 24, 2014. This clause prohibits discrimination against qualified individuals on the basis of disability, and requires affirmative action by the Contractor to employ and advance in employment qualified individuals with disabilities.

(b) *Subcontracts.* The Contractor shall include the terms of this clause in every subcontract or purchase order in excess of \$15,000 unless exempted by rules, regulations, or orders of the Secretary, so that such provisions will be binding upon each subcontractor or vendor. The Contractor shall act as specified by the Director, Office of

Federal Contract Compliance Programs of the U.S. Department of Labor, to enforce the terms, including action for noncompliance. Such necessary changes in language may be made as shall be appropriate to identify properly the parties and their undertakings.

**I.127 FAR 52.222-42 STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES (MAY 2014)**

In compliance with the Service Contract Labor Standards statute 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**

*\*to be determined and included on an individual task order basis*

**PART III – LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS**

**SECTION J – LIST OF ATTACHMENTS**

|               |  |
|---------------|--|
| ATTACHMENT 1  | Deliverables   |
| ATTACHMENT 2  | Requirement Sources and Implementing Documents (List A) and List of Applicable DOE Directives (List B) |
| ATTACHMENT 3  | Wage Determination- Moab and Crescent Junction, UT (Grant County)                                      |
| ATTACHMENT 4  | Wage Determination- Grand Junction, CO (Mesa County)   |
| ATTACHMENT 5  | Position Qualifications  |
| ATTACHMENT 6  | IDIQ Schedule of Fully Burdened Labor Rates  |
| ATTACHMENT 7  | Office of Environmental Management 2017 Performance Agreement  |
| ATTACHMENT 8  | Government Furnished Property  |
| ATTACHMENT 9  | Interface Requirements Matrix  |
| ATTACHMENT 10 | Training Summary   |

Moab UMTRA TAC  
S&K Logistic Services, LLC  
DE-EM0005014

Attachment J-2

**ATTACHMENT J-1– LIST OF DELIVERABLES**

To be determined on individual Task Orders.

**ATTACHMENT J-2 – REQUIREMENT SOURCES AND IMPLEMENTING DOCUMENTS (LIST A) AND LIST OF APPLICABLE DOE DIRECTIVES (LIST B)**

**List A**

The Contractor shall comply with all applicable Federal and State Laws, Statutes, Codes, Rules, Regulations, Executive Orders and agreement documents applicable to work performed under this contract. The federal laws and regulations listed in the table below contain requirements normally relevant to the Contractor scope of work. These laws and regulations, and others, apply regardless whether they are explicitly stated in the Contract. In addition, laws and regulations typically apply to all persons or organizations such as subcontractors, suppliers, and federal employees.

Omission of any such applicable law or regulation from List A and does not affect the obligation of the Contractor to comply with such law or regulation pursuant to Section H clause Applicable Laws and Regulations. The Contractor must be aware of changes in the Code of Federal Regulations (CFR), Federal Acquisition Regulations (FAR), the United States Code (USC), Public Laws (PL) or other regulatory entities that have applicability to the Department of Energy and that impact the work scope. The Contractor will notify DOE of any changes, and DOE will make a determination regarding modification to the contract.

Federal Regulations include but are not limited to the following:

1. 10 CFR 820 Procedural Rules for DOE Nuclear Activities
2. 10 CFR 830 Nuclear Safety Management
3. 10 CFR 835 Occupational Radiation Protection
4. 10 CFR 850.39 Recordkeeping and Use of Information (for beryllium-related records)
5. 10 CFR 851 Worker Safety and Health Program
6. 10 CFR 708 DOE Contractor Employee Protection Program
7. 29 CFR 1910 Occupational Safety and Health Administration (OSHA)
8. 40 CFR 192 Subpart A, B and C Uranium Mill Tailings Radiation Control Act (UMTRCA)
9. 44 U.S.C. 21 National Archives and Records Administration
10. 44 U.S.C. 29 National Archives

11. 44 U.S.C. 31 Records Management by Federal Agencies
12. 44 U.S.C. 33 Disposal of Records
13. 44 U.S.C. 35 Coordination of Federal Information Policy
14. 18 U.S.C. 2071 Concealment, Removal or Mutilation Generally
15. 36 CFR Chapter XII, Subchapter B, Records Management
16. Presidential Directive, M-12-18, Managing Government Records
17. 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 into the contractor's programs, to comply with the requirements of this task order. DOE has listed for convenience, several of the standards, policies and guides 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 directives may be found at <https://www.directives.doe.gov/>.

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

| <b>Order No.</b>         | <b>Subject</b>   | <b>Dated</b> |
|--------------------------|--|--------------|
| DOE O 130.1              | Budget Formulation   | 9/29/95      |
| DOE O 142.3A             | Unclassified Foreign Visits and Assignments Program  | 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 150.1A             | Continuity Programs  | 3/31/14      |
| DOE O 151.1D             | Comprehensive Emergency Management System  | 8/11/16      |
| 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                           | 1/7/05       |
| DOE P 205.1              | Departmental Cyber Security Management Policy  | 5/8/01       |
|                          | Office of Environmental Management (EM) Cyber Security Policy and Risk Management Approach Implementation Plan | Feb. 2014    |
| DOE O 205.1B, Chg 3      | Department of Energy Cyber Security Program  | 5/16/11      |
| DOE O 206.1              | Department of Energy Privacy Program   | 1/16/09      |
| DOE O 206.2              | Identity, Credential and Access Management (ICAM)  | 2/19/13      |
| DOE O 221.1B             | Reporting Fraud, Waste, and Abuse to the Office of Inspector General   | 9/27/16      |
| DOE O 221.2A             | Cooperation with the Office of Inspector General   | 2/25/08      |
| DOE O 224.2A             | Auditing of Programs and Operations  | 11/9/07      |
| DOE O 224.3              | Audit Resolution and Follow-Up Program   | 1/24/05      |
| DOE O 225.1B             | Accident Investigations  | 3/4/11       |
| DOE O 226.1B             | Implementation of Department of Energy Oversight Policy  | 4/25/11      |

| <b>Order No.</b>               | <b>Subject</b>   | <b>Dated</b>                    |
|--------------------------------|--|---------------------------------|
| DOE O 227.1A                   | Independent Oversight Program  | 12/21/15                        |
| DOE O 231.1B,<br>Admin Chg 1   | Environmental, Safety, and Health Reporting  | 6/27/11                         |
| DOE G 232.2                    | Occurrence Reporting and Processing of Operations Information  | 8/30/11                         |
| DOE O 241.1B,<br>Admin Chg 1   | Scientific and Technical Information Management  | 12/13/10                        |
| DOE G 242.1-1                  | Forms Management Guide for Use with DOE O 200.1, Information Management Program                              | 5/8/00                          |
| DOE O 243.1B,<br>Admin Chg. 1  | Records Management Program   | 3/11/13                         |
| DOE O 252.1A,<br>Admin Chg 1   | Technical Standards Program  | 2/23/11                         |
| DOE O 311.1B                   | Equal Employment Opportunity and Diversity Program   | 2/12/03                         |
| DOE O 413.1B                   | Internal Control Program   | 10/28/08                        |
| DOE O 413.3B,<br>Chg. 2        | Program and Project Management for the Acquisition of Capital Assets   | 11/29/10                        |
| DOE O 414.1D ,<br>Admin Chg. 1 | Quality Assurance  | 4/25/11                         |
| DOE O 420.1C<br>Chg 1          | Facility Safety  | 12/4/12                         |
| DOE O 422.1,<br>Admin Chg 2    | Conduct of Operations  | 6/29/10                         |
| DOE O 430.1C                   | Real Property Asset Management   | 8/19/16                         |
| DOE O 435.1<br>Chg 1           | Radioactive Waste Management   | 8/28/01                         |
| DOE G 435.1-1                  | Implementation Guide for Use with DOE M 435.1-1  | 7/9/99                          |
| DOE M 435.1-1,<br>Admin Chg 2  | Radioactive Waste Management Manual  | 6/8/11                          |
| DOE O 436.1                    | Departmental Sustainability  | 5/2/11                          |
| DOE O 440.1B,<br>Chg 2         | Worker Protection Program for DOE (Including the National Nuclear Security Administration) Federal Employees | 5/17/07<br>Certified<br>6/17/11 |
| DOE O 442.1A                   | Department of Energy Employee Concerns Program   | 6/6/01                          |
| DOE P 450.4A                   | Integrated Safety Management Policy  | 4/25/11                         |
| DOE O 451.1B,<br>Admin Chg 3   | National Environmental Policy Act Compliance Program   | 1/19/12                         |
| DOE P 454.1,<br>Chg 1          | Use of Institutional Controls  | 4/9/03                          |
| DOE G 454.1-1                  | Institutional Controls Implementation Guide for Use with DOE P 454.1, Use of Institutional Controls          | 10/14/05                        |
| DOE O 458.1                    | Radiation Protection of the Public and the   | 1/15/13                         |

| <b>Order No.</b>             | <b>Subject</b>  | <b>Dated</b> |
|------------------------------|---|--------------|
| Admin Chg 3                  | Environment   |              |
| DOE O 460.1C                 | Packaging and Transportation Safety   | 5/14/10      |
| DOE G 460.1-1                | Implementation Guide for Use With DOE O 460.1C,<br>Packaging and Transportation Safety                              | 6/5/97       |
| DOE O 460.2A                 | Departmental Materials Transportation and<br>Packaging Management   | 12/22/04     |
| DOE G 460.2-1                | Implementation Guide for Use with DOE O 460.2,<br>Departmental Materials Transportation and<br>Packaging Management | 11/15/96     |
| DOE M 460.2-1A               | Radioactive Material Transportation Practices<br>Manual   | 6/4/08       |
| DOE P 364.1                  | Health and Safety Training Reciprocity  | 4/14/14      |
| DOE O 470.4B,<br>Admin Chg 1 | Safeguards and Security Program   | 7/21/11      |
| DOE M 470.4-1,<br>Chg. 2     | Safeguards and Security Program Planning and<br>Management  | 10/20/10     |
| DOE O 471.3,<br>Admin Chg 1  | Identifying and Protecting Official Use Only<br>Information   | 1/13/11      |
| DOE O 471.6,<br>Admin Chg 2  | Information Security  | 6/29/11      |
| DOE O 473.3A                 | Protection Program Operations   | 3/23/16      |
| DOE O 475.1                  | Counterintelligence Program   | 12/10/04     |
| DOE O 522.1                  | Pricing of Departmental Materials and Services  | 11/3/04      |
| DOE O 534.1B                 | Accounting  | 1/6/03       |
| DOE O 551.1D,<br>Change 2    | Official Foreign Travel   | 4/2/12       |
| DOE O 580.1A                 | Department of Energy Personal Property<br>Management Program  | 3/30/12      |
| DOE G 580.1-1A               | Personal Property   | 6/9/15       |

WD 05-2531 (Rev.-17) was first posted on www.wdol.gov on 01/05/2016

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|  |  |                                     |
|--|--|-------------------------------------|
| REGISTER OF WAGE DETERMINATIONS UNDER  |  | U.S. DEPARTMENT OF LABOR            |
| THE SERVICE CONTRACT ACT               |  | EMPLOYMENT STANDARDS ADMINISTRATION |
| By direction of the Secretary of Labor |  | WAGE AND HOUR DIVISION              |
|  |  | WASHINGTON D.C. 20210               |

|                 |                     |  |                                   |
|-----------------|---------------------|--|-----------------------------------|
| Daniel W. Simms | Division of         |  | Wage Determination No.: 2005-2531 |
| Director        | Wage Determinations |  | Revision No.: 17                  |
|                 |                     |  | Date Of Revision: 12/29/2015      |

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.15 for calendar year 2016 applies to all contracts subject to the Service Contract Act for which the solicitation was issued on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.15 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2016. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

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 |

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| 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         |

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| 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 |

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| 23391 - Gunsmith I   | 16.01 |
| 23392 - Gunsmith II  | 18.54 |
| 23393 - Gunsmith III   | 21.06 |
| 23410 - Heating, Ventilation And Air-Conditioning<br>Mechanic                      | 19.11 |
| 23411 - Heating, Ventilation And Air Contditioning<br>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<br>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   |       |

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| 28041 - Carnival Equipment Operator                            | 10.98 |
| 28042 - Carnival Equipment Repairer                            | 11.75 |
| 28043 - Carnival Equipment 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 (see 2)        | 20.48 |
| Surface Programs   |       |
| 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 |

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| 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 |

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ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: \$4.27 per hour or \$170.80 per week or \$740.13 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 ordnance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordnance, 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 ordnance, (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 ordnance, 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 ordnance, 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.

WD 15-5423 (Rev.-2) was first posted on www.wdol.gov on 01/05/2016

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|--|--|-------------------------------------|
| REGISTER OF WAGE DETERMINATIONS UNDER  |  | U.S. DEPARTMENT OF LABOR            |
| THE SERVICE CONTRACT ACT               |  | EMPLOYMENT STANDARDS ADMINISTRATION |
| By direction of the Secretary of Labor |  | WAGE AND HOUR DIVISION              |
|  |  | WASHINGTON D.C. 20210               |

|                 |                     |                         |            |
|-----------------|---------------------|-------------------------|------------|
| Daniel W. Simms | Division of         | Wage Determination No.: | 2015-5423  |
| Director        | Wage Determinations | Revision No.:           | 2          |
|                 |                     | Date Of Revision:       | 12/29/2015 |

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.15 for calendar year 2016 applies to all contracts subject to the Service Contract Act for which the solicitation was issued on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.15 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2016. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

State: Colorado

Area: Colorado County of Mesa

\*\*Fringe Benefits Required Follow the Occupational Listing\*\*

| OCCUPATION CODE - TITLE                                 | FOOTNOTE | RATE  |
|---|----------|-------|
| 01000 - Administrative Support And Clerical Occupations |          |       |
| 01011 - Accounting Clerk I                              |          | 12.67 |
| 01012 - Accounting Clerk II                             |          | 14.09 |
| 01013 - Accounting Clerk III                            |          | 15.44 |
| 01020 - Administrative Assistant                        |          | 20.59 |
| 01035 - Court Reporter                                  |          | 15.46 |
| 01041 - Customer Service Representative I               |          | 11.88 |
| 01042 - Customer Service Representative II              |          | 13.36 |
| 01043 - Customer Service Representative III             |          | 14.57 |
| 01051 - Data Entry Operator I                           |          | 11.03 |
| 01052 - Data Entry Operator II                          |          | 12.32 |
| 01060 - Dispatcher, Motor Vehicle                       |          | 18.65 |
| 01070 - Document Preparation Clerk                      |          | 12.91 |
| 01090 - Duplicating Machine Operator                    |          | 12.91 |
| 01111 - General Clerk I                                 |          | 11.34 |
| 01112 - General Clerk II                                |          | 12.37 |
| 01113 - General Clerk III                               |          | 13.88 |
| 01120 - Housing Referral Assistant                      |          | 17.23 |
| 01141 - Messenger Courier                               |          | 12.54 |
| 01191 - Order Clerk I                                   |          | 11.88 |
| 01192 - Order Clerk II                                  |          | 12.95 |
| 01261 - Personnel Assistant (Employment) I              |          | 13.82 |
| 01262 - Personnel Assistant (Employment) II             |          | 15.46 |
| 01263 - Personnel Assistant (Employment) III            |          | 17.23 |
| 01270 - Production Control Clerk                        |          | 19.53 |
| 01290 - Rental Clerk                                    |          | 12.33 |
| 01300 - Scheduler, Maintenance                          |          | 13.82 |
| 01311 - Secretary I                                     |          | 13.82 |
| 01312 - Secretary II                                    |          | 15.46 |
| 01313 - Secretary III                                   |          | 17.23 |

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| 01320 | - Service Order Dispatcher                     | 17.03 |
| 01410 | - Supply Technician                            | 20.59 |
| 01420 | - Survey Worker                                | 14.23 |
| 01460 | - Switchboard Operator/Receptionist            | 12.25 |
| 01531 | - Travel Clerk I                               | 11.97 |
| 01532 | - Travel Clerk II                              | 12.82 |
| 01533 | - Travel Clerk III                             | 13.54 |
| 01611 | - Word Processor I                             | 12.32 |
| 01612 | - Word Processor II                            | 13.82 |
| 01613 | - Word Processor III                           | 15.46 |
| 05000 | - Automotive Service Occupations               |       |
| 05005 | - Automobile Body Repairer, Fiberglass         | 19.99 |
| 05010 | - Automotive Electrician                       | 20.69 |
| 05040 | - Automotive Glass Installer                   | 18.99 |
| 05070 | - Automotive Worker                            | 18.99 |
| 05110 | - Mobile Equipment Servicer                    | 16.01 |
| 05130 | - Motor Equipment Metal Mechanic               | 20.77 |
| 05160 | - Motor Equipment Metal Worker                 | 18.99 |
| 05190 | - Motor Vehicle Mechanic                       | 20.77 |
| 05220 | - Motor Vehicle Mechanic Helper                | 14.74 |
| 05250 | - Motor Vehicle Upholstery Worker              | 18.68 |
| 05280 | - Motor Vehicle Wrecker                        | 18.99 |
| 05310 | - Painter, Automotive                          | 20.09 |
| 05340 | - Radiator Repair Specialist                   | 18.99 |
| 05370 | - Tire Repairer                                | 12.77 |
| 05400 | - Transmission Repair Specialist               | 20.69 |
| 07000 | - Food Preparation And Service Occupations     |       |
| 07010 | - Baker  | 13.56 |
| 07041 | - Cook I                                       | 11.61 |
| 07042 | - Cook II                                      | 13.46 |
| 07070 | - Dishwasher                                   | 8.86  |
| 07130 | - Food Service Worker                          | 10.33 |
| 07210 | - Meat Cutter                                  | 14.92 |
| 07260 | - Waiter/Waitress                              | 10.13 |
| 09000 | - Furniture Maintenance And Repair Occupations |       |
| 09010 | - Electrostatic Spray Painter                  | 18.89 |
| 09040 | - Furniture Handler                            | 12.86 |
| 09080 | - Furniture Refinisher                         | 20.43 |
| 09090 | - Furniture Refinisher Helper                  | 15.36 |
| 09110 | - Furniture Repairer, Minor                    | 17.82 |
| 09130 | - Upholsterer                                  | 18.94 |
| 11000 | - General Services And Support Occupations     |       |
| 11030 | - Cleaner, Vehicles                            | 11.24 |
| 11060 | - Elevator Operator                            | 11.58 |
| 11090 | - Gardener                                     | 17.71 |
| 11122 | - Housekeeping Aide                            | 11.14 |
| 11150 | - Janitor                                      | 11.58 |
| 11210 | - Laborer, Grounds Maintenance                 | 13.51 |
| 11240 | - Maid or Houseman                             | 9.49  |
| 11260 | - Pruner                                       | 12.11 |
| 11270 | - Tractor Operator                             | 16.32 |
| 11330 | - Trail Maintenance Worker                     | 13.51 |
| 11360 | - Window Cleaner                               | 12.92 |
| 12000 | - Health Occupations                           |       |
| 12010 | - Ambulance Driver                             | 17.99 |
| 12011 | - Breath Alcohol Technician                    | 17.99 |
| 12012 | - Certified Occupational Therapist Assistant   | 25.10 |
| 12015 | - Certified Physical Therapist Assistant       | 21.44 |
| 12020 | - Dental Assistant                             | 14.83 |
| 12025 | - Dental Hygienist                             | 35.97 |
| 12030 | - EKG Technician                               | 27.96 |

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| 12035 - Electroneurodiagnostic Technologist                  | 27.96         |
| 12040 - Emergency Medical Technician                         | 17.99         |
| 12071 - Licensed Practical Nurse I                           | 16.49         |
| 12072 - Licensed Practical Nurse II                          | 18.46         |
| 12073 - Licensed Practical Nurse III                         | 20.56         |
| 12100 - Medical Assistant                                    | 14.94         |
| 12130 - Medical Laboratory Technician                        | 17.46         |
| 12160 - Medical Record Clerk                                 | 14.83         |
| 12190 - Medical Record Technician                            | 16.59         |
| 12195 - Medical Transcriptionist                             | 16.49         |
| 12210 - Nuclear Medicine Technologist                        | 40.55         |
| 12221 - Nursing Assistant I                                  | 10.03         |
| 12222 - Nursing Assistant II                                 | 11.28         |
| 12223 - Nursing Assistant III                                | 12.30         |
| 12224 - Nursing Assistant IV                                 | 13.81         |
| 12235 - Optical Dispenser                                    | 14.79         |
| 12236 - Optical Technician                                   | 16.49         |
| 12250 - Pharmacy Technician                                  | 14.82         |
| 12280 - Phlebotomist   | 13.83         |
| 12305 - Radiologic Technologist                              | 27.96         |
| 12311 - Registered Nurse I                                   | 23.56         |
| 12312 - Registered Nurse II                                  | 28.83         |
| 12313 - Registered Nurse II, Specialist                      | 28.83         |
| 12314 - Registered Nurse III                                 | 34.88         |
| 12315 - Registered Nurse III, Anesthetist                    | 34.88         |
| 12316 - Registered Nurse IV                                  | 41.79         |
| 12317 - Scheduler (Drug and Alcohol Testing)                 | 21.72         |
| 12320 - Substance Abuse Treatment Counselor                  | 22.84         |
| 13000 - Information And Arts Occupations                     |               |
| 13011 - Exhibits Specialist I                                | 19.01         |
| 13012 - Exhibits Specialist II                               | 23.54         |
| 13013 - Exhibits Specialist III                              | 28.80         |
| 13041 - Illustrator I  | 19.01         |
| 13042 - Illustrator II                                       | 23.54         |
| 13043 - Illustrator III                                      | 28.80         |
| 13047 - Librarian  | 26.08         |
| 13050 - Library Aide/Clerk                                   | 15.14         |
| 13054 - Library Information Technology Systems Administrator | 23.54         |
| 13058 - Library Technician                                   | 16.30         |
| 13061 - Media Specialist I                                   | 14.97         |
| 13062 - Media Specialist II                                  | 17.94         |
| 13063 - Media Specialist III                                 | 20.00         |
| 13071 - Photographer I                                       | 13.93         |
| 13072 - Photographer II                                      | 15.58         |
| 13073 - Photographer III                                     | 19.30         |
| 13074 - Photographer IV                                      | 23.61         |
| 13075 - Photographer V                                       | 29.12         |
| 13090 - Technical Order Library Clerk                        | 21.75         |
| 13110 - Video Teleconference Technician                      | 17.00         |
| 14000 - Information Technology Occupations                   |               |
| 14041 - Computer Operator I                                  | 13.86         |
| 14042 - Computer Operator II                                 | 15.50         |
| 14043 - Computer Operator III                                | 17.92         |
| 14044 - Computer Operator IV                                 | 19.93         |
| 14045 - Computer Operator V                                  | 22.07         |
| 14071 - Computer Programmer I                                | (see 1) 17.71 |
| 14072 - Computer Programmer II                               | (see 1) 21.95 |
| 14073 - Computer Programmer III                              | (see 1) 26.84 |
| 14074 - Computer Programmer IV                               | (see 1)       |
| 14101 - Computer Systems Analyst I                           | (see 1) 26.06 |

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| 14102 - Computer Systems Analyst II                             | (see 1) |       |
| 14103 - Computer Systems Analyst III                            | (see 1) |       |
| 14150 - Peripheral Equipment Operator                           |         | 13.86 |
| 14160 - Personal Computer Support Technician                    |         | 19.93 |
| 14170 - System Support Specialist                               |         | 21.00 |
| 15000 - Instructional Occupations                               |         |       |
| 15010 - Aircrew Training Devices Instructor (Non-Rated)         |         | 26.06 |
| 15020 - Aircrew Training Devices Instructor (Rated)             |         | 31.53 |
| 15030 - Air Crew Training Devices Instructor (Pilot)            |         | 37.52 |
| 15050 - Computer Based Training Specialist / Instructor         |         | 26.06 |
| 15060 - Educational Technologist                                |         | 23.71 |
| 15070 - Flight Instructor (Pilot)                               |         | 37.52 |
| 15080 - Graphic Artist  |         | 20.15 |
| 15085 - Maintenance Test Pilot, Fixed, Jet/Prop                 |         | 37.52 |
| 15086 - Maintenance Test Pilot, Rotary Wing                     |         | 37.52 |
| 15088 - Non-Maintenance Test/Co-Pilot                           |         | 37.52 |
| 15090 - Technical Instructor                                    |         | 16.56 |
| 15095 - Technical Instructor/Course Developer                   |         | 20.26 |
| 15110 - Test Proctor  |         | 14.59 |
| 15120 - Tutor   |         | 14.59 |
| 16000 - Laundry, Dry-Cleaning, Pressing And Related Occupations |         |       |
| 16010 - Assembler   |         | 9.08  |
| 16030 - Counter Attendant                                       |         | 9.08  |
| 16040 - Dry Cleaner   |         | 10.99 |
| 16070 - Finisher, Flatwork, Machine                             |         | 9.08  |
| 16090 - Presser, Hand   |         | 9.08  |
| 16110 - Presser, Machine, Drycleaning                           |         | 9.08  |
| 16130 - Presser, Machine, Shirts                                |         | 9.08  |
| 16160 - Presser, Machine, Wearing Apparel, Laundry              |         | 9.08  |
| 16190 - Sewing Machine Operator                                 |         | 11.54 |
| 16220 - Tailor  |         | 12.18 |
| 16250 - Washer, Machine   |         | 9.80  |
| 19000 - Machine Tool Operation And Repair Occupations           |         |       |
| 19010 - Machine-Tool Operator (Tool Room)                       |         | 20.78 |
| 19040 - Tool And Die Maker                                      |         | 25.40 |
| 21000 - Materials Handling And Packing Occupations              |         |       |
| 21020 - Forklift Operator                                       |         | 14.52 |
| 21030 - Material Coordinator                                    |         | 19.53 |
| 21040 - Material Expediter                                      |         | 19.53 |
| 21050 - Material Handling Laborer                               |         | 13.18 |
| 21071 - Order Filler  |         | 12.63 |
| 21080 - Production Line Worker (Food Processing)                |         | 14.52 |
| 21110 - Shipping Packer   |         | 13.73 |
| 21130 - Shipping/Receiving Clerk                                |         | 13.72 |
| 21140 - Store Worker I  |         | 10.95 |
| 21150 - Stock Clerk   |         | 14.75 |
| 21210 - Tools And Parts Attendant                               |         | 14.52 |
| 21410 - Warehouse Specialist                                    |         | 14.52 |
| 23000 - Mechanics And Maintenance And Repair Occupations        |         |       |
| 23010 - Aerospace Structural Welder                             |         | 22.89 |
| 23019 - Aircraft Logs and Records Technician                    |         | 18.66 |
| 23021 - Aircraft Mechanic I                                     |         | 21.67 |
| 23022 - Aircraft Mechanic II                                    |         | 22.89 |
| 23023 - Aircraft Mechanic III                                   |         | 24.12 |
| 23040 - Aircraft Mechanic Helper                                |         | 16.04 |
| 23050 - Aircraft, Painter                                       |         | 21.54 |
| 23060 - Aircraft Servicer                                       |         | 18.66 |
| 23070 - Aircraft Survival Flight Equipment Technician           |         | 21.54 |
| 23080 - Aircraft Worker   |         | 19.56 |
| 23091 - Aircrew Life Support Equipment (ALSE) Mechanic I        |         | 19.56 |

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| 23092 - Aircrew Life Support Equipment (ALSE) Mechanic<br>II                       | 21.67 |
| 23110 - Appliance Mechanic   | 18.57 |
| 23120 - Bicycle Repairer   | 11.06 |
| 23125 - Cable Splicer  | 27.38 |
| 23130 - Carpenter, Maintenance   | 20.92 |
| 23140 - Carpet Layer   | 19.20 |
| 23160 - Electrician, Maintenance   | 22.61 |
| 23181 - Electronics Technician Maintenance I                                       | 19.10 |
| 23182 - Electronics Technician Maintenance II                                      | 21.10 |
| 23183 - Electronics Technician Maintenance III                                     | 22.39 |
| 23260 - Fabric Worker  | 17.91 |
| 23290 - Fire Alarm System Mechanic   | 21.67 |
| 23310 - Fire Extinguisher Repairer   | 16.62 |
| 23311 - Fuel Distribution System Mechanic  | 21.67 |
| 23312 - Fuel Distribution System Operator  | 16.62 |
| 23370 - General Maintenance Worker   | 16.82 |
| 23380 - Ground Support Equipment Mechanic  | 21.67 |
| 23381 - Ground Support Equipment Servicer  | 18.66 |
| 23382 - Ground Support Equipment Worker  | 19.56 |
| 23391 - Gunsmith I   | 16.62 |
| 23392 - Gunsmith II  | 19.20 |
| 23393 - Gunsmith III   | 21.67 |
| 23410 - Heating, Ventilation And Air-Conditioning<br>Mechanic                      | 21.13 |
| 23411 - Heating, Ventilation And Air Contditioning<br>Mechanic (Research Facility) | 22.32 |
| 23430 - Heavy Equipment Mechanic   | 23.27 |
| 23440 - Heavy Equipment Operator   | 20.42 |
| 23460 - Instrument Mechanic  | 21.67 |
| 23465 - Laboratory/Shelter Mechanic  | 20.43 |
| 23470 - Laborer  | 13.18 |
| 23510 - Locksmith  | 20.43 |
| 23530 - Machinery Maintenance Mechanic   | 23.84 |
| 23550 - Machinist, Maintenance   | 17.33 |
| 23580 - Maintenance Trades Helper  | 15.07 |
| 23591 - Metrology Technician I   | 21.67 |
| 23592 - Metrology Technician II  | 22.89 |
| 23593 - Metrology Technician III   | 24.12 |
| 23640 - Millwright   | 22.90 |
| 23710 - Office Appliance Repairer  | 18.57 |
| 23760 - Painter, Maintenance   | 16.91 |
| 23790 - Pipefitter, Maintenance  | 23.49 |
| 23810 - Plumber, Maintenance   | 20.86 |
| 23820 - Pneudraulic Systems Mechanic   | 21.67 |
| 23850 - Rigger   | 21.67 |
| 23870 - Scale Mechanic   | 19.20 |
| 23890 - Sheet-Metal Worker, Maintenance  | 20.58 |
| 23910 - Small Engine Mechanic  | 19.20 |
| 23931 - Telecommunications Mechanic I  | 27.28 |
| 23932 - Telecommunications Mechanic II   | 27.62 |
| 23950 - Telephone Lineman  | 21.67 |
| 23960 - Welder, Combination, Maintenance   | 17.44 |
| 23965 - Well Driller   | 21.67 |
| 23970 - Woodcraft Worker   | 21.67 |
| 23980 - Woodworker   | 16.62 |
| 24000 - Personal Needs Occupations   |       |
| 24550 - Case Manager   | 14.89 |
| 24570 - Child Care Attendant   | 11.22 |
| 24580 - Child Care Center Clerk  | 14.28 |
| 24610 - Chore Aide   | 9.09  |

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| 24620 - Family Readiness And Support Services<br>Coordinator   | 14.89 |
| 24630 - Homemaker  | 15.53 |
| 25000 - Plant And System Operations Occupations                |       |
| 25010 - Boiler Tender  | 26.31 |
| 25040 - Sewage Plant Operator                                  | 21.54 |
| 25070 - Stationary Engineer                                    | 26.31 |
| 25190 - Ventilation Equipment Tender                           | 18.65 |
| 25210 - Water Treatment Plant Operator                         | 21.54 |
| 27000 - Protective Service Occupations                         |       |
| 27004 - Alarm Monitor  | 17.74 |
| 27007 - Baggage Inspector                                      | 13.69 |
| 27008 - Corrections Officer                                    | 20.87 |
| 27010 - Court Security Officer                                 | 20.47 |
| 27030 - Detection Dog Handler                                  | 15.31 |
| 27040 - Detention Officer                                      | 20.87 |
| 27070 - Firefighter  | 20.07 |
| 27101 - Guard I  | 13.69 |
| 27102 - Guard II   | 15.31 |
| 27131 - Police Officer I                                       | 24.30 |
| 27132 - Police Officer II                                      | 27.02 |
| 28000 - Recreation Occupations                                 |       |
| 28041 - Carnival Equipment Operator                            | 12.62 |
| 28042 - Carnival Equipment Repairer                            | 13.42 |
| 28043 - Carnival Worker  | 9.68  |
| 28210 - Gate Attendant/Gate Tender                             | 12.73 |
| 28310 - Lifeguard  | 11.01 |
| 28350 - Park Attendant (Aide)                                  | 14.24 |
| 28510 - Recreation Aide/Health Facility Attendant              | 10.39 |
| 28515 - Recreation Specialist                                  | 17.64 |
| 28630 - Sports Official  | 11.34 |
| 28690 - Swimming Pool Operator                                 | 15.26 |
| 29000 - Stevedoring/Longshoremen Occupational Services         |       |
| 29010 - Blocker And Bracer                                     | 19.72 |
| 29020 - Hatch Tender   | 19.72 |
| 29030 - Line Handler   | 19.72 |
| 29041 - Stevedore I  | 17.91 |
| 29042 - Stevedore II   | 20.98 |
| 30000 - Technical Occupations                                  |       |
| 30010 - Air Traffic Control Specialist, Center (HFO) (see 2)   | 36.49 |
| 30011 - Air Traffic Control Specialist, Station (HFO) (see 2)  | 25.17 |
| 30012 - Air Traffic Control Specialist, Terminal (HFO) (see 2) | 27.71 |
| 30021 - Archeological Technician I                             | 15.52 |
| 30022 - Archeological Technician II                            | 17.37 |
| 30023 - Archeological Technician III                           | 21.52 |
| 30030 - Cartographic Technician                                | 21.52 |
| 30040 - Civil Engineering Technician                           | 22.89 |
| 30051 - Cryogenic Technician I                                 | 23.83 |
| 30052 - Cryogenic Technician II                                | 26.32 |
| 30061 - Drafter/CAD Operator I                                 | 15.52 |
| 30062 - Drafter/CAD Operator II                                | 17.37 |
| 30063 - Drafter/CAD Operator III                               | 19.36 |
| 30064 - Drafter/CAD Operator IV                                | 23.83 |
| 30081 - Engineering Technician I                               | 13.01 |
| 30082 - Engineering Technician II                              | 15.52 |
| 30083 - Engineering Technician III                             | 17.37 |
| 30084 - Engineering Technician IV                              | 21.52 |
| 30085 - Engineering Technician V                               | 26.32 |
| 30086 - Engineering Technician VI                              | 31.84 |
| 30090 - Environmental Technician                               | 21.52 |
| 30095 - Evidence Control Specialist                            | 21.52 |

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| 30210 - Laboratory Technician                                 | 19.70         |
| 30221 - Latent Fingerprint Technician I                       | 23.83         |
| 30222 - Latent Fingerprint Technician II                      | 26.32         |
| 30240 - Mathematical Technician                               | 21.52         |
| 30361 - Paralegal/Legal Assistant I                           | 16.82         |
| 30362 - Paralegal/Legal Assistant II                          | 20.82         |
| 30363 - Paralegal/Legal Assistant III                         | 25.48         |
| 30364 - Paralegal/Legal Assistant IV                          | 30.81         |
| 30375 - Petroleum Supply Specialist                           | 26.32         |
| 30390 - Photo-Optics Technician                               | 21.52         |
| 30395 - Radiation Control Technician                          | 26.32         |
| 30461 - Technical Writer I                                    | 20.65         |
| 30462 - Technical Writer II                                   | 25.25         |
| 30463 - Technical Writer III                                  | 30.54         |
| 30491 - Unexploded Ordnance (UXO) Technician I                | 23.19         |
| 30492 - Unexploded Ordnance (UXO) Technician II               | 28.06         |
| 30493 - Unexploded Ordnance (UXO) Technician III              | 33.63         |
| 30494 - Unexploded (UXO) Safety Escort                        | 23.19         |
| 30495 - Unexploded (UXO) Sweep Personnel                      | 23.19         |
| 30501 - Weather Forecaster I                                  | 23.83         |
| 30502 - Weather Forecaster II                                 | 28.98         |
| 30620 - Weather Observer, Combined Upper Air Or               | (see 2) 19.36 |
| Surface Programs  |               |
| 30621 - Weather Observer, Senior                              | (see 2) 21.52 |
| 31000 - Transportation/Mobile Equipment Operation Occupations |               |
| 31010 - Airplane Pilot  | 28.06         |
| 31020 - Bus Aide  | 12.18         |
| 31030 - Bus Driver  | 15.99         |
| 31043 - Driver Courier  | 14.72         |
| 31260 - Parking and Lot Attendant                             | 10.92         |
| 31290 - Shuttle Bus Driver                                    | 15.28         |
| 31310 - Taxi Driver   | 12.66         |
| 31361 - Truckdriver, Light                                    | 15.28         |
| 31362 - Truckdriver, Medium                                   | 16.43         |
| 31363 - Truckdriver, Heavy                                    | 17.61         |
| 31364 - Truckdriver, Tractor-Trailer                          | 17.61         |
| 99000 - Miscellaneous Occupations                             |               |
| 99020 - Cabin Safety Specialist                               | 13.68         |
| 99030 - Cashier   | 9.49          |
| 99050 - Desk Clerk  | 11.08         |
| 99095 - Embalmer  | 23.64         |
| 99130 - Flight Follower                                       | 23.19         |
| 99251 - Laboratory Animal Caretaker I                         | 14.39         |
| 99252 - Laboratory Animal Caretaker II                        | 15.11         |
| 99260 - Marketing Analyst                                     | 22.83         |
| 99310 - Mortician   | 23.64         |
| 99410 - Pest Controller                                       | 18.70         |
| 99510 - Photofinishing Worker                                 | 12.19         |
| 99710 - Recycling Laborer                                     | 13.43         |
| 99711 - Recycling Specialist                                  | 16.04         |
| 99730 - Refuse Collector                                      | 12.19         |
| 99810 - Sales Clerk   | 11.58         |
| 99820 - School Crossing Guard                                 | 12.89         |
| 99830 - Survey Party Chief                                    | 17.45         |
| 99831 - Surveying Aide  | 13.26         |
| 99832 - Surveying Technician                                  | 16.50         |
| 99840 - Vending Machine Attendant                             | 16.04         |
| 99841 - Vending Machine Repairer                              | 20.04         |
| 99842 - Vending Machine Repairer Helper                       | 16.04         |

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ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: \$4.27 per hour or \$170.80 per week or \$740.13 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 ten paid holidays per year: New Year's Day, Martin Luther King Jr.'s Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

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 ordnance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordnance, 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 re-grading 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 ordnance, (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 ordnance, 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 ordnance, 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.

\*\* SERVICE CONTRACT ACT DIRECTORY OF OCCUPATIONS \*\*

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations", Fifth Edition (Revision 1), dated September 2015, unless otherwise indicated.

\*\* 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 (See 29 CFR 4.6(b)(2)(i)). Such conforming procedures shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees (See 29 CFR 4.6(b)(2)(ii)). The Wage and Hour Division shall make a final determination of conformed classification, wage rate, and/or fringe benefits which shall be paid to all employees performing in the classification from the first day of work on which contract work is performed by them in the classification. Failure to pay such unlisted employees the compensation agreed upon by the interested parties and/or fully determined by the Wage and Hour Division retroactive to the date such class of employees commenced contract work shall be a violation of the Act and this contract. (See 29 CFR 4.6(b)(2)(v)). 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 the 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 U.S. Department of Labor, Wage and Hour Division, for review (See 29 CFR 4.6(b)(2)(ii)).
- 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 Division's decision to the contractor.
- 6) Each affected employee shall be furnished by the contractor with a written copy of such determination or it shall be posted as a part of the wage determination (See 29 CFR 4.6(b)(2)(iii)).

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" should be used to compare job definitions to ensure 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 (See 29 CFR 4.152(c)(1)).

**SECTION J, ATTACHMENT J-5, POSITION QUALIFICATIONS**

1. Whether or not specifically stated, all job categories shall exhibit the following qualities:
  - Proficiency in MS Office (Word, Excel, PowerPoint, and Outlook).
  - Effective oral and written communication skills.
  - Ability to work independently or in a team environment.
  - Exhibit a high degree of professionalism in the production of deliverables and in interactions with fellow employees and client personnel.
2. Selected Labor Categories are consolidations and serve multiple specialties. The intended specialties are included in the Description and Qualifications column.
3. Minimum Qualifications Years / Education and Descriptions & Qualifications are not exhaustive or all-inclusive. They are intended to allow placement of appropriately skilled personnel, both in terms of job duties and in a billing matrix.
4. Additional duties may also be required even if they are not specifically listed (i.e. other duties as assigned).
5. The DOE is not endorsing that one or more individuals are required for each labor category.

**JOB CLASSIFICATIONS/SKILL LEVELS:**

| Category        | Minimum Qualifications Yrs/Education   | Description & Qualifications   |
|-----------------|--|--|
| Program Manager | Required: <ul style="list-style-type: none"> <li>• Bachelor's degree.</li> <li>• At least 20 years of experience in the position of Program or Project Manager (or equivalent), with at least 10 years of experience in construction or environmental remediation / construction related program management required.</li> <li>• Must possess analytical skills.</li> <li>• Must be able to effectively handle multiple projects concurrently.</li> <li>• Must be detail-oriented.</li> <li>• Strong organizational, interpersonal, administrative and communication skills</li> </ul> | <ul style="list-style-type: none"> <li>• Serves as the primary interface to the DOE Contracting Officers representative (COR) and Federal Project Director (FPD).</li> <li>• Responsible for monitoring and maintaining performance of all TAC responsibilities. This includes, but is not limited to: ensuring that obligations are met in accordance with contractual agreements, managing contract variations in accordance with contract provisions and organizational policy and procedures, investigating and resolving or referring as appropriate disputes/complaints in accordance with contractual requirements, communicating points and negotiation relating to the contract, and overseeing the closeout process when all the terms and conditions have been met.</li> <li>• Provides human resource support for the individuals supporting the task order(s), by planning, implementing, and evaluating employee relations and human resources policies, programs, and practices. Provides supervisory control of TAC personnel.</li> <li>• Develops and provides required status reports on all activities to the COR.</li> <li>• Shall be available to attend meetings at the three project locations, as well as occasionally at the EMCBC, to discuss matters in person with support services staff and the DOE COR, FPD, RAC or DOE staff.</li> <li>• Other administrative duties as required.</li> </ul> |

| Category                       | Minimum Qualifications Yrs/Education   | Description & Qualifications   |
|--------------------------------|--|--|
| Operations Manager             | <p>Required:</p> <ul style="list-style-type: none"> <li>• Bachelor's degree</li> <li>• At least 20 years of project related experience in the position of Program or Project Manager (or equivalent), with a minimum of 8 years experienced in construction or environmental remediation / construction related program management required.</li> <li>• Must possess analytical skills.</li> <li>• Must be able to effectively handle multiple projects concurrently.</li> <li>• Must be detail oriented</li> <li>• Strong organizational, interpersonal, administrative and communication skills</li> </ul> | <ul style="list-style-type: none"> <li>• Serves as the secondary interface, supporting the Program Manager, to the DOE COR and FPD.</li> <li>• Responsible for monitoring and maintaining performance of all resulting task order(s). This includes, but is not limited to: ensuring that obligations are met in accordance with contractual agreements, managing contract variations in accordance with contract provisions and organizational policy and procedures, investigating and resolving or referring as appropriate disputes/complaints in accordance with contractual requirements, communicating points and negotiation relating to the contract, and overseeing the closeout process when all the terms and conditions have been met.</li> <li>• Provides human resource support for the individuals supporting the task order(s), by planning, implementing, and evaluating employee relations and human resources policies, programs, and practices.</li> <li>• Develops and provides monthly status reports on all activities to the COR.</li> <li>• Shall be available to attend meetings at the three project locations, as well as occasionally at the EMCBC, to discuss matters in person with support services staff and the DOE COR, FPD, RAC or DOE staff.</li> <li>• Other administrative or field duties as required.</li> </ul> |
| Certified Industrial Hygienist | <p>Required:</p> <ul style="list-style-type: none"> <li>• Bachelor's degree in Science or Engineering field.</li> <li>• At least 10 years of industrial, federal, state or other governmental industrial hygiene experience.</li> <li>• Experience and a working knowledge of EHS regulations, codes, and guidelines.</li> <li>• Registered as a Certified Industrial Hygienist (CIH) in comprehensive practice.</li> </ul>  | <ul style="list-style-type: none"> <li>• Senior advisor to the Project on all things Health and Safety related. Viewed as the Corporate Health and Safety Subject Matter Expert.</li> <li>• Activities include incident investigations, job hazard analysis, recordkeeping, day-to-day regulatory compliance, conducting inspections and audits, indoor air quality surveys, air sampling, noise monitoring, ventilation testing, radiation testing, and biological sampling. Must be familiar with operation, calibration, and maintenance of a wide variety of industrial hygiene monitoring and sampling equipment, ergonomic evaluations, and fire and life safety code review of facilities and equipment, electrical safety, and provide support to the Emergency Response Team. Participate in applicable regulatory agency and internal inspections, and performs other duties as assigned.</li> <li>• Candidate will have EHS background in industrial, federal, state or other governmental environment; ability to effectively communicate with all levels of employees and management; ability to interpret and apply federal, state, local laws, regulations and requirements; analytical, research and problem-solving skills. An awareness of environmental compliance is required.</li> </ul>  |

| Category  | Minimum Qualifications Yrs/Education  | Description & Qualifications  |
|---|---|---|
| Environmental,<br>Safety &<br>Health(ES&H)<br>Manager | <p>Required:</p> <ul style="list-style-type: none"> <li>• Bachelor's degree in Science or Engineering field.</li> <li>• Registered as a Certified Safety Professional (CSP) or Certified Industrial Hygienist (CIH).</li> <li>• At least 10 years of industrial, federal, state or other governmental industrial safety experience, in a nuclear industrial and/or industrial remediation setting including responsibility for safety, occupational health, industrial safety and/or a combination of commensurate experience for major maintenance, construction, or remediation projects/activities</li> <li>• At least 5 years of experience at Department of Energy operating facilities.</li> <li>• Experience and a working knowledge of EHS regulations, codes, and guidelines.</li> </ul> | <ul style="list-style-type: none"> <li>• Responsible as the lead for safety at the three project locations.</li> <li>• Activities include safety and occupational health management, surveillance inspections and safety enforcement on projects. Incident investigations, job hazard analysis, recordkeeping, day-to-day regulatory compliance, conducting inspections and audits, Must be familiar with safety aspects of construction/demolition operations, fire and life safety code review of facilities and equipment, electrical safety, and provide support to the Emergency Response Team. Expected to be on site during all work or testing activities. Participate in applicable regulatory agency and internal inspections, and performs other duties as assigned.</li> <li>• Candidate will have EHS background in industrial, federal, state or other governmental environment; ability to effectively communicate with all levels of employees and management; ability to interpret and apply federal, state, local laws, regulations and requirements; analytical, research and problem-solving skills. An awareness of environmental compliance is helpful.</li> <li>• Provides oversight of following Safety, Health &amp; Quality (SH&amp;Q) Programs (including all implementing policies, procedures, and instructions) including, but not limited to:             <ul style="list-style-type: none"> <li>○ Radiation Protection (including Dosimetry);</li> <li>○ Contractor Assurance;</li> <li>○ Emergency Management;</li> <li>○ OSHA Construction Safety Standards;</li> <li>○ Respiratory Protection;</li> <li>○ Price Anderson Amendment Acts; and</li> <li>○ Other programs as assigned.</li> </ul> </li> <li>• Supports DOE with the development of short and long range oversight plans and schedules which account for all aspects of DOE, RAC, and TAC oversight activities, ensuring that applicable requirements/regulations are adequately addressed in the schedule.</li> <li>• Performs surveys of a variety of work places and work processes, including but not limited to construction, and decontamination and demolition sites, environmental clean-up and remediation sites, in order to identify worker safety and health hazards and/or unsafe worker behaviors, violations of SH&amp;QA requirements, potential incorrect or unsafe acts, and/or deficiencies related to DOE, Occupational Safety and Health Administration (OSHA) , Environmental Protection Agency (EPA) regulations, and other regulatory statues governing work. The Contractor shall bring to the immediate attention of DOE and the RAC any identified hazard or unsafe hazard conditions, or behavior(s) that represents an imminent threat of death or serious injury. Additionally the Contractor shall prepare and deliver reports that specifically identify potential violations or unsafe conditions by location and recommend corrective actions to resolve unsafe</li> </ul> |

| Category | Minimum Qualifications Yrs/Education | Description & Qualifications   |
|----------|--------------------------------------|--|
|          |                                      | <p>conditions or unsafe behaviors.</p> <ul style="list-style-type: none"> <li>• Supports DOE in the performance of surveillances, health and safety assessments, compliance reviews and assessment/audit teams required by DOE Orders and other forms of infield oversight of the RAC and TAC operations and activities. Some of the compliance reviews and assessment teams include DOE Readiness Assessments (RA), Operational Readiness Reviews (ORR), Integrated Safety Management System Radiological Controls, Occupational Safety and Health, and Waste Management and Transportation Compliance reviews. Oversight activities may include document procedure, and process reviews, interviews, and in-field work observations. Additionally, the Contractor may be required to perform and document casual analyses resulting from oversight and assessment activities. The subject matter experts are required to prepare reports of the observations and findings from such reviews and provide follow up and tracking of corrective actions. All work shall be done in accordance with established DOE procedures and be subject to DOE approval.</li> <li>• Provides support services staff to review DOE and contractor activities to assess DOE O 226.1B implementation and to recommend improvements. This includes but is not limited to: evaluating activities (and their scope) being performed and planned; evaluating the risks (safety, mission impacts, security, etc.) associated with activities; and evaluating the level of existing federal oversight and its associated infrastructure (plans, procedures, and training and qualification of staff). The subject matter experts will assist in preparing or revising field element policies and in implementing procedures that are consistent with DOE O 226.1B of comparably effective criteria established by the responsible program office.</li> <li>• Monitors contractors program to control radiological hazards; Coordinates all health physics activities with assigned counterparts.</li> <li>• Plans and conducts safety oversight activities. Monitors facilities and operations performing radiological or nonionizing radiological work. Monitors facilities and operations to ensure existing radiological safety standards and procedures/practices are adequate, and recommends corrective action.</li> <li>• Makes recommendations on health physics aspects of emergency/disaster preparedness planning and operations. Assists DOE and interfaces with representatives of the Nuclear Regulatory Commission and of other governmental and civilian agencies. Recommends new or revised instructions, manuals, and technical documents as required to ensure an adequate safety program.</li> <li>• Provides implementation support and oversight of maintenance, industrial hygiene, occupational health, and safety programs to identify and mitigate hazards in the workplace. Develops, recommends and implements related programs, policies, and procedures for monitoring and preventing chemical, physical, and biological hazards to prevent illness, injury and safety hazards</li> </ul> |

| Category        | Minimum Qualifications Yrs/Education  | Description & Qualifications  |
|-----------------|---|---|
|                 |   | <p>in the work environment.</p> <ul style="list-style-type: none"> <li>• Develops and establishes appropriate sampling and monitoring procedures and guidelines, and provide guidance in interpreting and monitoring compliance with governmental regulations and industry/company work practices. Resolve technical, industrial hygiene and safety issues.</li> <li>• Develops, implements and provides oversight of occupational health and industrial safety programs for facilities; develops and implements an assessment program to ensure compliance by all employees and contractor employees to the respective programs; This position is responsible to ensure compliance with all applicable policies and governmental laws, rules and regulations including but not limited to the DOE, OSHA and NRC rules and regulations.</li> <li>• Ensures that subcontractor Industrial Hygiene functions are performed in accordance with the requirements of the Occupational Safety and Health Act (OSHA) and all applicable federal, state, local and government regulations.</li> <li>• Conducts worksite health hazard surveys.</li> <li>• Develops worker protection programs, such as hearing conservation, eye protection, and respiratory protection programs.</li> <li>• Performs general area and personal air monitoring.</li> <li>• Ensures availability and proper use and care of Personal Protective Equipment (PPE).</li> <li>• Enforces safety and health regulations and conducts applicable training as required.</li> <li>• Maintains accurate records of inspection and ensures work is completed in all areas of responsibility.</li> <li>• Conducts quality verification inspections as required.</li> <li>• Assures all operations are conducted in accordance with applicable safety rules and regulations.</li> <li>• Responds to off-duty calls from designated company authority to meet priority or emergency work requirements.</li> <li>• Performs other duties as assigned.</li> </ul> |
| Quality Manager | <p>Required:</p> <ul style="list-style-type: none"> <li>• Bachelor’s degree in Science, Engineering, Physics, or other related field.</li> <li>• At least 10 years of experience supporting QA/QC efforts, at least five 5 years of which were associated with DOE projects.</li> </ul> | <ul style="list-style-type: none"> <li>• Revise or update, maintain and assist with the implementation of the approved organization specific Quality Assurance Program (QAP) in accordance with DOE Order 414.1D describing how applicable requirements of the Environmental Management QAP will be implemented and flowed-down as appropriate.</li> <li>• Pursue enhancements to quality, safety and reliability.</li> <li>• Experience in preparing and making presentations, procedure writing, causal analysis, designing training programs, and training staff to perform specialized tasks.</li> <li>• Supports DOE by performing Quality Assurance Independent Assessments, Audits and</li> </ul>  |

| Category               | Minimum Qualifications Yrs/Education   | Description & Qualifications   |
|------------------------|--|--|
|                        | <ul style="list-style-type: none"> <li>• Advanced knowledge of NQA-1 standards.</li> <li>• Significant proficiency in auditing.</li> </ul>   | <p>Surveillances of contractor activities.</p> <ul style="list-style-type: none"> <li>• Prepare and distribute lessons learned reports to encourage improvements based on experience.</li> <li>• Ability to maintain a database to record assessment activities, non-conformances and corrective actions.</li> <li>• Plan, coordinate audits, and create checklists based on contractual and procedural requirements.</li> <li>• Collect objective evidence to verify compliance with the contract and procedural requirements.</li> <li>• Document opportunities for improvement, non-compliances and corrective/preventive actions.</li> <li>• Liaise with counterparts regarding findings, their resolution and closeout.</li> <li>• Work with team personnel to develop, implement and improve processes that increase efficiency and effectiveness, and are acceptable to the Project Director.</li> <li>• Analyze and summarize verification program data, organizing it, and presenting it in a format that is useful to project stakeholders</li> <li>• Develop training materials, trains and educates the team.</li> <li>• Chair and attend meetings and briefings.</li> <li>• Provide other advice and assistance.</li> </ul>   |
| Public Affairs Manager | <p>Required:</p> <ul style="list-style-type: none"> <li>• Bachelor’s degree.</li> <li>• At least 10 years of experience in Public Affairs representing government interests.</li> <li>• Knowledgeable on Risk Communication and Strategies.</li> </ul> | <ul style="list-style-type: none"> <li>• Must have excellent interpersonal, oral, and written skills; may lead a diverse team of environmental staff that may also include members of the public, local government, or regulators. Must also be able to function as a team member.</li> <li>• Serve as public representative for the project; display a professional customer service attitude at all times.</li> <li>• Plan and coordinate public presentations and activities.</li> <li>• Prepare reports and recommend actions.</li> <li>• Understand the issues involved in protecting the environment—degradation, conservation, recycling, and hydrogeological protection of water supplies to comply with Federal environmental regulations.</li> <li>• Shall have the flexibility to be “on-call” after duty hours as required. May be required to work other than normal duty hours, which may include evenings, weekends, and/or holidays.</li> <li>• Provide support for public, stakeholder and/or regulatory agency reviews and/or meetings. This may include: attending regulatory, public and/or stakeholder meetings, coordinating with all necessary parties, preparing meeting material such as slide presentations and meeting summaries, arranging meeting locations, providing all parties with meeting notifications, producing sufficient quantities of meeting presentation materials, and maintaining public reading rooms.</li> <li>• Must have strong skills in technical editing and communication.</li> <li>• Must have a full understanding of the front end of the fuel cycle.</li> </ul> |

| Category          | Minimum Qualifications Yrs/Education   | Description & Qualifications  |
|-------------------|--|---|
| Project Analyst 1 | <p>Required:</p> <ul style="list-style-type: none"> <li>• Bachelor’s degree.</li> <li>• At least 5 years of experience in Project Controls in developing and implementing an Earned Value Management system, experience with EVMS standards and tools, monitoring and evaluating contractor/subcontractor performance and performing monthly EVMS analysis and preparing required client reports.</li> </ul> | <ul style="list-style-type: none"> <li>• Work independently and provide support to Project Analyst 2 in the areas listed below—</li> <li>• Proficiency with scheduling software.</li> <li>• Exhibit a high degree of professionalism in the production of deliverables and in interactions with fellow employees and client personnel.</li> <li>• Responsible to track and report on: <ul style="list-style-type: none"> <li>○ Budget and schedule adequacy;</li> <li>○ cost and schedule performance;</li> <li>○ subcontractor performance;</li> <li>○ supplied equipment cost and delivery performance;</li> <li>○ variance analysis accuracy and adequacy assessments;</li> <li>○ variance corrective action planning and oversight, and conformity with established change management and earned value management reporting processes.</li> </ul> </li> <li>• Develop, implement, analyze and maintain comprehensive, integrated project schedules and cost baselines using earned value management techniques.</li> <li>• Develop, analyze and maintain critical path method logic diagrams and performing critical path analyses.</li> <li>• Develop and track resource and cost-load scheduled activities.</li> <li>• Evaluate major changes in procedures or design by building and performing “what if” scenarios in the schedule and communicating recommended solutions to management.</li> <li>• Track cost and schedule progress and variance and assess potential cost and schedule impacts.</li> <li>• Schedule, facilitate, and/or participate in planning meetings and gathering data for database input.</li> <li>• Develop, implement, analyze and maintain cost and schedule trend and forecast processes.</li> <li>• Build and run reports; critical path, early start date, late start date, precedence, etc.</li> <li>• Develop budgets and manage contingency.</li> </ul> |
| Project Analyst 2 | <p>Required:</p> <ul style="list-style-type: none"> <li>• Bachelor’s degree.</li> <li>• At least 10 years of experience in Project Controls in developing and implementing an Earned Value Management system, experience with EVMS standards and tools, monitoring and evaluating contractor/subcontractor performance</li> </ul>  | <ul style="list-style-type: none"> <li>• Work independently and provide support to Project Analyst 3 in the areas listed below—</li> <li>• Proficiency with scheduling software.</li> <li>• Exhibit a high degree of professionalism in the production of deliverables and in interactions with fellow employees and client personnel.</li> <li>• Responsible to track and report on: <ul style="list-style-type: none"> <li>○ Budget and schedule adequacy;</li> <li>○ cost and schedule performance;</li> <li>○ subcontractor performance;</li> <li>○ supplied equipment cost and delivery performance;</li> </ul> </li> </ul>  |

| Category                 | Minimum Qualifications Yrs/Education  | Description & Qualifications  |
|--------------------------|---|---|
|                          | <p>and performing monthly EVMS analysis and preparing required client reports.</p>  | <ul style="list-style-type: none"> <li>○ variance analysis accuracy and adequacy assessments;</li> <li>○ variance corrective action planning and oversight, and conformity with established change management and earned value management reporting processes.</li> <li>● Develop, implement, analyze and maintain comprehensive, integrated project schedules and cost baselines using earned value management techniques.</li> <li>● Develop, analyze, and maintain critical path method logic diagrams and performing critical path analyses.</li> <li>● Develop and track resource and cost-load scheduled activities.</li> <li>● Evaluate major changes in procedures or design by building and performing “what if” scenarios in the schedule and communicating recommended solutions to management.</li> <li>● Track cost and schedule progress and variance and assess potential cost and schedule impacts.</li> <li>● Schedule, facilitate, and/or participate in planning meetings and gathering data for database input.</li> <li>● Develop, implement, analyze and maintain cost and schedule trend and forecast processes.</li> <li>● Build and run reports; critical path, early start date, late start date, precedence, etc.</li> <li>● Develop budgets and manage contingency.</li> </ul>  |
| <p>Project Analyst 3</p> | <p>Required:</p> <ul style="list-style-type: none"> <li>● Bachelor’s degree.</li> <li>● At least 15 years of experience in Project Controls in developing and implementing an Earned Value Management system, experience with EVMS standards and tools, monitoring and evaluating contractor/subcontractor performance and performing monthly EVMS analysis and preparing required client reports.</li> </ul> | <ul style="list-style-type: none"> <li>● Proficiency with scheduling software.</li> <li>● Exhibit a high degree of professionalism in the production of deliverables and in interactions with fellow employees and client personnel.</li> <li>● Responsible to track and report on: <ul style="list-style-type: none"> <li>○ Budget and schedule adequacy;</li> <li>○ Cost and schedule performance;</li> <li>○ Subcontractor performance;</li> <li>○ Supplied equipment cost and delivery performance;</li> <li>○ Variance analysis accuracy and adequacy assessments;</li> <li>○ Variance corrective action planning and oversight, and conformity with established change management and earned value management reporting processes.</li> </ul> </li> <li>● Develop, implement, analyze and maintain comprehensive, integrated project schedules and cost baselines using earned value management techniques.</li> <li>● Develop, analyze, and maintain critical path method logic diagrams and performing critical path analyses.</li> <li>● Develop and track resource and cost-load scheduled activities.</li> <li>● Evaluate major changes in procedures or design by building and performing “what if” scenarios in the schedule and communicating recommended solutions to management.</li> </ul> |

| Category                   | Minimum Qualifications Yrs/Education  | Description & Qualifications  |
|----------------------------|---|---|
|                            |   | <ul style="list-style-type: none"> <li>• Track cost and schedule progress and variance and assess potential cost and schedule impacts.</li> <li>• Schedule, facilitate, and/or participate in planning meetings and gathering data for database input.</li> <li>• Develop, implement, analyze and maintain cost and schedule trend and forecast processes.</li> <li>• Build and run reports; critical path, early start date, late start date, precedence, etc.</li> <li>• Develop budgets and manage contingency.</li> </ul>   |
| Administrative Assistant 1 | <p>Required:</p> <ul style="list-style-type: none"> <li>• Associate’s degree (2 additional years of commensurate experience may be substituted for the Associate’s degree).</li> <li>• 1 to 5 years of commensurate experience in related duties and responsibilities.</li> </ul> | <ul style="list-style-type: none"> <li>• Ability to create, compose and edit written materials.</li> <li>• Database management skills, including training database.</li> <li>• Ability to gather data, compile information and prepare reports.</li> <li>• Word processing and/or data entry skills.</li> <li>• Coordinates and performs a range of staff and/or operational support activities for the unit.</li> <li>• Provides administrative/secretarial support for the department/division such as answering telephones, assisting visitors, and resolving and/or referring to a range of administrative problems and inquiries.</li> <li>• Operates personal computer to compose and edit correspondence and/or memos from dictation, verbal direction, or from knowledge of established department/division policies. May prepare, transcribe, compose, type, edit, and distribute agendas and/or minutes of meetings.</li> <li>• Receptionist skills.</li> </ul>   |
| Administrative Assistant 2 | <p>Required:</p> <ul style="list-style-type: none"> <li>• Associate’s degree (2 additional years of commensurate experience may be substituted for the Associate’s degree).</li> <li>• 6 to 9 years of commensurate experience in related duties and responsibilities.</li> </ul> | <ul style="list-style-type: none"> <li>• Ability to create, compose and edit written materials.</li> <li>• Database management skills.</li> <li>• Ability to gather data, compile information and prepare reports.</li> <li>• Ability to gather and analyze statistical data and generate reports.</li> <li>• Ability to make administrative/procedural decisions and judgments.</li> <li>• Ability to maintain confidential records and information.</li> <li>• Ability to maintain a records management system.</li> <li>• Word Processing and/or data entry skills.</li> <li>• Ability to understand and follow specific instructions and procedures.</li> <li>• Organizing and coordinating skills.</li> <li>• Ability to maintain calendars and schedules appointments.</li> <li>• Knowledge of supplies, equipment, and/or services ordering and inventory control.</li> <li>• Skill in the use of operating basic office equipment.</li> <li>• Receptionist skills.</li> <li>• Ability to perform simple accounting procedures.</li> </ul> |

| Category                   | Minimum Qualifications Yrs/Education   | Description & Qualifications   |
|----------------------------|--|--|
| Administrative Assistant 3 | <p>Required:</p> <ul style="list-style-type: none"> <li>• Associate’s degree (2 additional years of commensurate experience may be substituted for the Associate’s degree).</li> <li>• At least 10 years of commensurate experience in related duties and responsibilities.</li> </ul> | <ul style="list-style-type: none"> <li>• Ability to create, compose and edit written materials.</li> <li>• Database management skills.</li> <li>• Ability to gather data, compile information and prepare reports.</li> <li>• Ability to gather and analyze statistical data and generate reports.</li> <li>• Ability to make administrative/procedural decisions and judgments.</li> <li>• Ability to maintain confidential records and information.</li> <li>• Word Processing and/or data entry skills.</li> <li>• Ability to understand and follow specific instructions and procedures.</li> <li>• Organizing and coordinating skills.</li> <li>• Ability to maintain calendars and schedules appointments.</li> <li>• Knowledge of supplies, equipment, and/or services ordering and inventory control.</li> <li>• Skill in the use of operating basic office equipment.</li> <li>• Receptionist skills.</li> <li>• Ability to perform simple accounting procedures.</li> <li>• Coordinates and performs a range of staff and/or operational support activities for the unit; serves as a liaison with other departments and operating units in the resolution of day-to-day administrative and operational problems.</li> <li>• Provides administrative/secretarial support for the department/division such as answering telephones, assisting visitors, and resolving and/or referring a range of administrative problems and inquires.</li> <li>• Operates personal computer to compose and edit correspondence and /or memos from dictation, verbal direction or from knowledge of established department/division policies; may prepare, transcribe, compose, type, edit, and distribute agendas and/or minutes of meetings.</li> <li>• Schedules and coordinates meetings, events, interviews, appointments, and/or other similar activities for supervisors, which may include coordinating travel arrangements.</li> <li>• Sorts, screens, reviews, distributes incoming and outgoing mail; composes, prepares, or ensures timely responses to a variety of written inquires.</li> <li>• Leads and guides the work of lower level staff, and supervises student employees as appropriate; may participate in hiring decisions and performance appraisal.</li> </ul> |
| Security Manager           | <p>Required:</p> <ul style="list-style-type: none"> <li>• Bachelor’s degree in Criminal Justice, Engineering or Science.</li> <li>• At least 10 years of experience in safeguards security and/or force</li> </ul>   | <ul style="list-style-type: none"> <li>• Develops, implements, and maintains a Safeguards and Security program for DOE as specified in DOE O 470.4B, Safeguards and Security Program and other applicable orders, manuals and guides. The Program will be tailored to the site-specific requirements of the UMTRA and shall include creation of associated plans and implementing procedures. The Contractor shall assist DOE with the development, implementation and maintenance of all DOE security program</li> </ul>  |

| Category | Minimum Qualifications Yrs/Education   | Description & Qualifications  |
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|          | <p>protection with federal, military or civilian law enforcement.</p> <ul style="list-style-type: none"> <li>• Ability to obtain and maintain a security clearance as required.</li> </ul> | <p>elements, including but not limited to those specified below.</p> <ul style="list-style-type: none"> <li>• Responsible for creating and implementing a Security Awareness Program per the requirements identified in DOE O 470.4B.</li> <li>• Responsible for creating and implementing an Information Security/Operations Security Program per the requirements of DOE O 471.6.</li> <li>• Responsible for processing foreign national visits and assignments in accordance with DOE O 142.3A to include use of the Foreign Access Central Tracking System (FACTS) in the approval process.</li> <li>• Responsible for creation and implementation of Incidents of Security Concern reporting processes, and supporting DOE security incident inquiries.</li> <li>• Supports DOE in the performance of surveillances, compliance reviews and assessment/audit teams required by DOE Orders and other forms of infield oversight of the site contractor operations and activities. Some of the compliance reviews and assessment teams include DOE Readiness Assessments (RA), Operational Readiness Reviews (ORR), Integrated Safety Management System Radiological Controls, Occupational Safety and Health, and Waste Management and Transportation Compliance reviews. Oversight activities may include document procedure, and process reviews, interviews, and in-field work observations.</li> <li>• Ability to perform and document casual analyses resulting from oversight and assessment activities. The support services staff are required to prepare reports of the observations and findings from such reviews and provide follow up and tracking of corrective actions.</li> <li>• Reviews DOE and contractor activities to assess DOE O 226.1B implementation and to recommend improvements. This includes but is not limited to: evaluating activities (and their scope) being performed and planned; evaluating the risks (safety, mission impacts, security, etc.) associated with activities; and evaluating the level of existing federal oversight and its associated infrastructure (plans, procedures, and training and qualification of staff). The subject matter experts will assist in preparing or revising field element policies and in implementing procedures that are consistent with DOE O 226.1B of comparably effective criteria established by the responsible program.</li> <li>• Provides oversight of Safeguards and Security Programs (including all implementing policies, procedures, and instructions) in accordance with the PWS.</li> <li>• Supports DOE with the development of short and long range oversight plans and schedules which account for all aspects of DOE oversight activities, ensuring that applicable requirements/regulations are adequately addressed in the schedule.</li> <li>• Knowledge of a broad range of security concepts, principles, and practices to survey/inspect, provide oversight, review, analyze, and resolve difficult and complex security problems for</li> </ul> |

| Category         | Minimum Qualifications Yrs/Education   | Description & Qualifications   |
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|                  |  | <p>headquarters, major subordinate command, subordinate installations and subordinate activity security and force protection programs.</p> <ul style="list-style-type: none"> <li>• Ability to resolve complex security problems while on-site that often involving conflicting and/or unclear security requirements and ability to provide alternative solutions that will enable appropriate corrective actions to be completed when governing policy is nonexistent.</li> <li>• Expert knowledge and authoritative source of multi-functional security program knowledge in the Command and for subordinate organizations.</li> <li>• Mastery of the application of electronic security systems; other physical security sensors and equipment; exercise procedures and training.</li> <li>• Mastery of identifying security deficiencies, vulnerabilities and corrective actions during formal oversight, assistance and assessments and ability to render comprehensive reports.</li> <li>• Expert knowledge of a wide range of security regulations issued by DOE</li> <li>• Mastery of protection standards for government property. Knowledge of personnel management policies and procedures and budget preparation.</li> </ul> |
| Property Manager | <p>Required:</p> <ul style="list-style-type: none"> <li>• Bachelor’s degree. Appropriate years of commensurate experience may be substituted for the Bachelor’s degree.</li> <li>• At least 5 years of experience managing government property.</li> </ul>   | <ul style="list-style-type: none"> <li>• Responsible to maintain and implement a DOE-approved Real and Personal Property Management Program in accordance with all DOE and/or GSA requirements including 41 CFR 102 and DOE Order 430.1C.</li> <li>• Responsible for completing all HQ Fiscal Year property (real and personal) reporting requirements. Work shall include responding to all FIMS data calls, and supporting an annual inventory and review of real property records.</li> <li>• Responsible to maintain real property asset records by maintenance, repair, and major renovation/reconstruction activities.</li> <li>• Responsible to perform audits and condition assessments (formal inspection and analysis of condition) on all real property assets.</li> <li>• Prepares technical documents and audit reports documenting status of government owned property.</li> </ul>   |
| Technical Editor | <p>Required:</p> <ul style="list-style-type: none"> <li>• Bachelor’s degree in English, a technical discipline, or a related field.</li> <li>• At least 10 years of experience writing and editing technical documents.</li> <li>• Proven writing and editing skills.</li> <li>• Experience in technical editing of DOE</li> </ul> | <ul style="list-style-type: none"> <li>• Prepares and edits complex technical documents, reports, studies, etc., in accordance with applicable style manuals.</li> <li>• Independently resolves issues of format and style.</li> <li>• Brings issues regarding content to the attention of the author for consideration.</li> <li>• Coordinates and tracks the review process.</li> <li>• Incorporates review comments into documents.</li> <li>• Prepares final documents for approval and release.</li> </ul>  |

| Category   | Minimum Qualifications Yrs/Education  | Description & Qualifications  |
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|            | environmental cleanup documents, reports, studies, etc.   |   |
| Engineer 1 | <p>Required:</p> <ul style="list-style-type: none"> <li>• Bachelor’s degree in Engineering.</li> <li>• At least 2 years of engineering experience.</li> </ul>   | <ul style="list-style-type: none"> <li>• Applies expertise to broadly stated technical problems.</li> <li>• Plans, schedules, conducts, and coordinates detailed phases of engineering work.</li> <li>• Plans, coordinates, or prepares equipment or work specifications.</li> <li>• Prepares conceptual studies, designs, or reports.</li> <li>• Performs problem analysis and original design.</li> <li>• Conducts engineering studies/assessments and makes recommendations.</li> <li>• Performs value engineering assessments and alternatives analysis.</li> <li>• Assists DOE in conducting walkthroughs and project assessment.</li> <li>• Develops Walkthrough/Assessment Plans.</li> <li>• Performs data tracking, analysis and trending.</li> <li>• Develops documents and conducts technical reviews.</li> <li>• Reviews project technical documents, provides engineering analysis, and design reviews.</li> <li>• Participates in Operational Readiness Reviews, Readiness Assessments, system analysis, and requirement analysis.</li> <li>• Provides services to assist DOE in the oversight of construction and decommissioning projects, including planning, startup, readiness reviews, approval, implementation, and closure.</li> </ul> |
| Engineer 2 | <p>Required:</p> <ul style="list-style-type: none"> <li>• Bachelor’s degree in Engineering.</li> <li>• At least 10 years of engineering experience, of which at least 5 years must be in the environmental cleanup industry working with environmental regulatory requirements.</li> <li>• DOE environmental cleanup experience.</li> </ul> | <ul style="list-style-type: none"> <li>• Applies expertise to broadly stated technical problems.</li> <li>• Plans, schedules, conducts, and coordinates detailed phases of engineering work.</li> <li>• Plans, coordinates, or prepares equipment or work specifications.</li> <li>• Prepares conceptual studies, designs, or reports.</li> <li>• Performs problem analysis and original design.</li> <li>• Conducts engineering studies/assessments and makes recommendations.</li> <li>• Performs value engineering assessments and alternatives analysis.</li> <li>• Assists DOE in conducting walkthroughs and project assessment.</li> <li>• Develops Walkthrough/Assessment Plans.</li> <li>• Performs data tracking, analysis and trending.</li> <li>• Develops documents and conducts technical reviews.</li> <li>• Reviews project technical documents, provides engineering analysis, and design reviews.</li> <li>• Participates in Operational Readiness Reviews, Readiness Assessments, system analysis, and requirement analysis.</li> <li>• Provides services to assist DOE in the oversight of construction and decommissioning projects, including planning, startup, readiness reviews, approval, implementation, and closure.</li> </ul> |

| Category       | Minimum Qualifications Yrs/Education   | Description & Qualifications   |
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|                |  | <ul style="list-style-type: none"> <li>• Provides direct assistance to clients as members of a team.</li> <li>• Performs peer reviews of the technical work products of employees at lower grades.</li> </ul>  |
| Engineer 3     | <p>Required:</p> <ul style="list-style-type: none"> <li>• Bachelor’s degree in Engineering.</li> <li>• Professional Engineer License.</li> <li>• Relevant and expert experience.</li> <li>• Relevant experience is defined as engineering experience in the environmental cleanup industry working with environmental regulatory requirements.</li> <li>• Expert experience is defined as Engineering work experience performed accurately and independently with subject matter expertise and without technical supervision. Such experience has been sustained over a significant period of time and is typically achieved after at least 15-20 years of Engineering experience.</li> <li>• DOE environmental cleanup experience.</li> </ul> | <ul style="list-style-type: none"> <li>• Applies expertise to broadly stated technical problems.</li> <li>• Plans, schedules, conducts, and coordinates detailed phases of engineering work.</li> <li>• Plans, coordinates, or prepares equipment or work specifications.</li> <li>• Prepares conceptual studies, designs, or reports.</li> <li>• Performs problem analysis and original design.</li> <li>• Conducts engineering studies/assessments and makes recommendations.</li> <li>• Performs value engineering assessments and alternatives analysis.</li> <li>• Assists DOE in conducting walkthroughs and project assessment.</li> <li>• Develops Walkthrough/Assessment Plans.</li> <li>• Performs data tracking, analysis and trending.</li> <li>• Develops documents and conducts technical reviews.</li> <li>• Reviews project technical documents, provide engineering analysis, and design reviews.</li> <li>• Participates in Operational Readiness Reviews, Readiness Assessments, system analysis, and requirement analysis.</li> <li>• Provides services to assist DOE in the oversight of construction and decommissioning projects, including planning, startup, readiness reviews, approval, implementation, and closure.</li> <li>• Provides high-level expertise to complex technical and engineering issues with minimum supervision.</li> <li>• Provides direct assistance to clients within the context of project assignments and expertise.</li> <li>• Serves as mentor &amp; performs peer review of technical work product of employees at lower grades.</li> </ul> |
| GIS Specialist | <p>Required:</p> <ul style="list-style-type: none"> <li>• Bachelor’s degree in Computer Information Technology, Management Information Systems, Computer Science or other information technology related field to include course work in database management systems.</li> <li>• At least 5 years of experience</li> <li>• Technical certification and</li> </ul>  | <ul style="list-style-type: none"> <li>• Strong interpersonal skills, with ability to set objectives, conduct meetings, and clearly communicate.</li> <li>• Proven ability to effectively multi-task and successfully work as a part of a team.</li> <li>• Maintain existing web applications and develops additional applications as required to preserve or increase information communication functionality.</li> <li>• Maintain website configuration and performs required maintenance.</li> <li>• Maintain existing electronic data deliverables (EDD) formats and develops additional EDD formats as required to preserve or increase functionality.</li> <li>• Support the document production and graphics groups with applications such as web and desktop application development of GIS and environmental database application services.</li> <li>• Communicate technical information to both technical and non-technical personnel. Understands</li> </ul>  |

| Category        | Minimum Qualifications Yrs/Education   | Description & Qualifications  |
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|                 | <p>professional development.</p> <ul style="list-style-type: none"> <li>Competency in the following technologies and skill sets: Spatial Analysis, Geographical Analysis systems and ArcGIS and/or other Geospatial Mapping Applications.</li> </ul>   | <p>when to communicate project issues and progress.</p> <ul style="list-style-type: none"> <li>Assist in the preparation of reports, graphs, and presentations using spreadsheet, graphic software, and/or database applications.</li> <li>Develop end-user documentation.</li> </ul>   |
| Network Manager | <p>Required:</p> <ul style="list-style-type: none"> <li>Bachelor’s degree in Computer Information Technology, Management Information Systems, Computer Science, or other information technology related field, to include course work in database management systems.</li> <li>At least 15 years of experience implementing cyber security programs based on FISMA, NIST, ISO or other information management framework.</li> <li>Strong interpersonal skills, with ability to set objectives, conduct meetings, and clearly communicate.</li> <li>Proven ability to effectively multi-task and successfully work as a part of a team.</li> <li>Competency in the following technologies and skill sets: Design, schema, implementation, testing, and validation; and Systems Security.</li> </ul> | <p>As Cyber Security Specialist / Manager, self-perform or manage staff performing:</p> <ul style="list-style-type: none"> <li>Provide the cyber security program that meets the requirements of DOE Order 205.1B, Cyber Security and sets general policy.</li> <li>Develop implementing procedures and instructions to ensure cyber security.</li> <li>Responsible for compliance with the DOE Order, continuous monitoring, and responding to emerging cyber security threats as well as providing data and information related to the system to support DOE in Federal Information Security Management Act (FISMA) compliance.</li> <li>Coordinate with the EMCBC for Cyber Security Requirements that are “inherited” from the incumbent Site Contractor.</li> <li>Coordinate with the EMCBC for emerging Cyber Security Requirements.</li> <li>Communicate technical information to both technical and non-technical personnel. Understand when to communicate project issues and progress.</li> </ul> <p>As Network Manager, self-perform or manage staff performing:</p> <ul style="list-style-type: none"> <li>Regular upkeep and maintenance of all hardware and software components within the delineated system boundary to provide the highest level of complete system availability to system users as reasonably achievable.</li> <li>Provide a method and reporting mechanism to measure overall system availability.</li> <li>Responsible for performing regular upgrades and patching of system hardware and software issued by the manufacturers. Security patches and upgrades identified as critical, immediate, or above by the manufacturer will be applied.</li> <li>Maintain a log of available patches and upgrades to all components.</li> <li>Provide a Contingency Plan for the restoration of access in the event of loss of services, equipment or facilities.</li> <li>Provide an IT Equipment Life Cycle Management Plan and Schedule for all equipment, peripherals and software.</li> <li>Communicate technical information to both technical and non-technical personnel. Know when to communicate project issues and progress.</li> </ul> |

| Category        | Minimum Qualifications Yrs/Education  | Description & Qualifications   |
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| IT Specialist 1 | <p>Required:</p> <ul style="list-style-type: none"> <li>• Bachelor’s degree in Computer Information Technology, Management Information Systems, Computer Science, or other information technology related field, to include course work in database management systems. Additional years of experience may be proposed in lieu of Bachelor’s degree.</li> <li>• At least 1 years of experience using database and software development tools and maintaining IT systems.</li> <li>• Strong interpersonal skills, with ability to set objectives, conduct meetings, and clearly communicate.</li> <li>• Proven ability to effectively multi-task and successfully work as a part of a team.</li> <li>• Competency in most of the technologies and skill sets applicable to this contract.</li> </ul> | <ul style="list-style-type: none"> <li>• Manage responsibilities of IT Programmer and IT Specialists.</li> </ul> <p>As IT Specialist 1, perform with oversight:</p> <ul style="list-style-type: none"> <li>• Maintain and upgrade the database server and application tools.</li> <li>• Allocate system storage and planning future storage requirements for the database system.</li> <li>• Manage primary database storage structures (tables/paces).</li> <li>• Create primary objects (tables, views, indexes).</li> <li>• Enroll users and maintains system security, controls and monitors user access to the database.</li> <li>• Monitor and optimizes the performance of the database(s).</li> <li>• Ensure compliance with database contractor license agreement.</li> <li>• Plan for backup and recovery of database information.</li> <li>• Provide technical assistance and guidance for the migration of legacy data.</li> <li>• Responsible for applications and data reporting, Electronic Data Deliverables, GIS Functions, (such as web applications and development; website configuration and maintenance; and data reporting), ad-hoc reports and direct user access through database connections.</li> <li>• Troubleshoot software and hardware failures and identifies network problems.</li> <li>• Communicate technical information to both technical and non-technical personnel. Know when to communicate project issues and progress.</li> <li>• Assist in the preparation of reports, graphs, and presentations using spreadsheet, graphic software, and/or database applications.</li> <li>• Perform software moves, adds, and changes as assigned.</li> <li>• Develop end-user documentation.</li> <li>• Perform issue logging, tracking, analysis, reporting and management. Maintain records on repairs, down time, changes and update</li> <li>• Train users in the use of technology and systems.</li> <li>• Responsible for the regular upkeep and maintenance of all hardware and software components to provide the highest level of complete system availability to system users as reasonably achievable.</li> <li>• Provide a method and reporting mechanism to measure overall system availability.</li> <li>• Responsible for performing regular upgrades and patching of system hardware and software issued by the manufacturers. Security patches and upgrades identified as critical, immediate, or above by the manufacturer will be applied.</li> <li>• Maintain a log of available patches and upgrades to all components.</li> <li>• Provide a Contingency Plan for the restoration of access in the event of loss of services, equipment or facilities.</li> <li>• Provide an IT Equipment Life Cycle Management Plan and Schedule for all equipment,</li> </ul> |

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|                 |   | <ul style="list-style-type: none"> <li>peripherals and software.</li> <li>• Communicate technical information to both technical and non-technical personnel. Know when to communicate project issues and progress.</li> <li>• Manage responsibilities of IT Programmer and IT Specialists.</li> </ul>   |
| IT Specialist 2 | <p>Required:</p> <ul style="list-style-type: none"> <li>• Bachelor’s degree in Computer Information Technology, Management Information Systems, Computer Science, or other information technology related field, to include course work in database management systems. Additional years of experience may be proposed in lieu of Bachelor’s degree.</li> <li>• At least 5 years of experience using database and software development tools and maintaining IT systems.</li> <li>• Strong interpersonal skills, with ability to set objectives, conduct meetings, and clearly communicate.</li> <li>• Proven ability to effectively multi-task and successfully work as a part of a team.</li> <li>• Competency in the technologies and skill sets applicable to this contract.</li> </ul> | <p>As IT Specialist 2, independently:</p> <ul style="list-style-type: none"> <li>• Maintain and upgrade the database server and application tools.</li> <li>• Allocate system storage and planning future storage requirements for the database system.</li> <li>• Manage primary database storage structures (tablespaces).</li> <li>• Create primary objects (tables, views, indexes).</li> <li>• Enroll users and maintains system security, controls and monitors user access to the database.</li> <li>• Monitor and optimizes the performance of the database(s).</li> <li>• Ensure compliance with database contractor license agreement.</li> <li>• Plan for backup and recovery of database information.</li> <li>• Provide technical assistance and guidance for the migration of legacy data.</li> <li>• Responsible for applications and data reporting, Electronic Data Deliverables, GIS Functions, (such as web applications and development; website configuration and maintenance; and data reporting), ad-hoc reports and direct user access through database connections.</li> <li>• Troubleshoot software and hardware failures and identifies network problems.</li> <li>• Communicate technical information to both technical and non-technical personnel. Know when to communicate project issues and progress.</li> <li>• Assist in the preparation of reports, graphs, and presentations using spreadsheet, graphic software, and/or database applications.</li> <li>• Perform software moves, adds, and changes as assigned.</li> <li>• Develop end-user documentation.</li> <li>• Perform issue logging, tracking, analysis, reporting and management. Maintain records on repairs, down time, changes and update.</li> <li>• Train users in the use of technology and systems.</li> <li>• Responsible for the regular upkeep and maintenance of all hardware and software components to provide the highest level of complete system availability to system users as reasonably achievable.</li> <li>• Provide a method and reporting mechanism to measure overall system availability.</li> <li>• Responsible for performing regular upgrades and patching of system hardware and software issued by the manufacturers. Security patches and upgrades identified as critical, immediate, or above by the manufacturer will be applied.</li> <li>• Maintain a log of available patches and upgrades to all components.</li> </ul> |

| Category        | Minimum Qualifications Yrs/Education  | Description & Qualifications   |
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|                 |   | <ul style="list-style-type: none"> <li>• Provide a Contingency Plan for the restoration of access in the event of loss of services, equipment or facilities.</li> <li>• Provide an IT Equipment Life Cycle Management Plan and Schedule for all equipment, peripherals and software.</li> <li>• Communicate technical information to both technical and non-technical personnel. Know when to communicate project issues and progress.</li> <li>• Manage responsibilities of IT Programmer and IT Specialists.</li> </ul>  |
| IT Specialist 3 | <p>Required:</p> <ul style="list-style-type: none"> <li>• Bachelor’s degree in Computer Information Technology, Management Information Systems, Computer Science, or other information technology related field, to include course work in database management systems.</li> <li>• At least 10 years of experience using database and software development tools and maintaining enterprise-class software system, and at least 3 years of experience designing, developing, implementing, maintaining and controlling database management systems. These years of experience requirements could have been achieved either simultaneously or sequentially.</li> <li>• Strong interpersonal skills, with ability to set objectives, conduct meetings, and clearly communicate.</li> <li>• Proven ability to effectively multi-task and successfully work as a part of a team.</li> <li>• Competency in the following technologies and skill sets: Database Management and Administration-MS</li> </ul> | <p>As IT Programmer / Specialist / Manager / Administrator, self-perform or manage staff performing:</p> <ul style="list-style-type: none"> <li>• Maintain and upgrade the database server and application tools.</li> <li>• Allocate system storage and planning future storage requirements for the database system.</li> <li>• Manage primary database storage structures (tablespaces).</li> <li>• Create primary objects (tables, views, indexes).</li> <li>• Enroll users and maintains system security, controls and monitors user access to the database.</li> <li>• Monitor and optimizes the performance of the database(s).</li> <li>• Ensure compliance with database contractor license agreement.</li> <li>• Plan for backup and recovery of database information.</li> <li>• Provide technical assistance and guidance for the migration of legacy data.</li> <li>• Responsible for applications and data reporting, Electronic Data Deliverables, GIS Functions, (such as web applications and development; website configuration and maintenance; and data reporting), ad-hoc reports and direct user access through database connections.</li> <li>• Troubleshoot software and hardware failures and identifies network problems.</li> <li>• Communicate technical information to both technical and non-technical personnel. Know when to communicate project issues and progress.</li> <li>• Assist in the preparation of reports, graphs, and presentations using spreadsheet, graphic software, and/or database applications.</li> <li>• Perform software moves, adds and changes as assigned.</li> <li>• Develop end-user documentation.</li> <li>• Perform issue logging, tracking, analysis, reporting and management. Maintain records on repairs, down time, changes and update.</li> <li>• Train users in the use of technology and systems.</li> <li>• Responsible for the regular upkeep and maintenance of all hardware and software components to provide the highest level of complete system availability to system users as reasonably achievable.</li> <li>• Provide a method and reporting mechanism to measure overall system availability.</li> <li>• Responsible for performing regular upgrades and patching of system hardware and software</li> </ul> |

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|               | <p>SQL Server 2008 and above, Earthsoft EQuIS, Electronic Data Deliverable (EDD) management, Databases (SQL, Oracle, Access), MS SQL Server, Environmental Sampling and Data Management Programs (to include QA/QC programs, Data validation, Data Quality Objectives, and Environmental and radiological data).</p>  | <p>issued by the manufacturers. Security patches and upgrades identified as critical, immediate, or above by the manufacturer will be applied.</p> <ul style="list-style-type: none"> <li>• Maintain a log of available patches and upgrades to all components.</li> <li>• Provide a Contingency Plan for the restoration of access in the event of loss of services, equipment or facilities.</li> <li>• Provide an IT Equipment Life Cycle Management Plan and Schedule for all equipment, peripherals and software.</li> <li>• Communicate technical information to both technical and non-technical personnel. Know when to communicate project issues and progress.</li> <li>• Manage responsibilities of IT Programmer and IT Specialists.</li> </ul>  |
| Field Manager | <p>Required:</p> <ul style="list-style-type: none"> <li>• Bachelor’s degree in a related field. Appropriate years of commensurate experience may be substituted for the bachelor’s degree.</li> <li>• Significant experience in the position of technical lead (or equivalent) of field efforts for environmental remediation, construction, and radiological work. Significant experience is typically achieved after at least 20 years of progressively responsible experience, typically including at least 5 years of technical lead experience.</li> <li>• Must possess analytical skills.</li> <li>• Must be able to effectively handle multiple projects concurrently.</li> <li>• Must be detail oriented.</li> <li>• DOE environmental cleanup experience.</li> </ul> | <ul style="list-style-type: none"> <li>• Serves as the primary functional area lead and subject matter expert for the field elements of the Performance Work Statement.</li> <li>• Provides technical supervision within the functional unit including prioritizing, assigning, and supervising work occurring at the Moab and Crescent Junction locations.</li> <li>• Provides a high degree of expertise to members of the field staff.</li> <li>• Assembles members of a group to work together to accomplish tasks.</li> <li>• Develops specific goals and plans to prioritize, organize, and accomplish the work.</li> <li>• Handles complaints, settles disputes, and resolves grievances and conflicts, or otherwise negotiates with others.</li> <li>• Translates or explains what information means and how it can be used.</li> <li>• Analyzes information and evaluates results to choose the best solution and solve problems.</li> <li>• Reviews the work of functional unit members to ensure quality.</li> <li>• Provides guidance and expert advice to management or other groups on technical, systems, or process-related topics.</li> <li>• Prepares reports and recommends corrective actions.</li> <li>• Understands the issues involved in protecting the environment—degradation, conservation, recycling, and preservation of water supplies to comply with Federal environmental regulations.</li> <li>• Provides advice (written and oral), during implementation of field work, on regulatory strategies in ensuring there is integration of regulatory and technical requirements for facility decommissioning and remediation of contaminated environmental media (e.g., soils, surface water, ground water).</li> <li>• Conducts technical peer reviews of document format and content prior to presentation to regulatory agencies.</li> <li>• Provides support for public, stakeholder and/or regulatory agency reviews and/or meetings. This</li> </ul> |

| Category             | Minimum Qualifications Yrs/Education   | Description & Qualifications   |
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|                      |  | <p>may include: attending regulatory, public and/or stakeholder meetings, coordinating with all necessary parties, preparing meeting material such as slide presentations and meeting summaries, arranging meeting locations, providing all parties with meeting notifications, and producing sufficient quantities of meeting presentation materials.</p> <ul style="list-style-type: none"> <li>• Collaborates with other entities in the resolution of key technical comments and/or regulatory issues pertaining to compliance plans and reports, applications and regulatory documentation.</li> <li>• Provides support associated with the implementation of compliance orders and agreements.</li> <li>• Provides high-level expertise to complex technical and scientific issues with minimum supervision.</li> <li>• Provides direct assistance to clients within the context of project assignments and expertise.</li> <li>• Serves as mentor and performs peer reviews of technical work products of employees at lower grades.</li> </ul>   |
| Ground Water Manager | <p>Required:</p> <ul style="list-style-type: none"> <li>• Master’s Degree in Geology, Hydrogeology, Mathematics, Engineering, Physical Science or related technical degree. Additional years of commensurate experience may be proposed in lieu of the Master’s degree.</li> <li>• At least 15 years demonstrable compliance experience with Federal, Utah, and Colorado environmental laws, rules and regulations.</li> <li>• Must have current 40-hour and 8-hour refresher hazardous waste operations level training.</li> <li>• Specialty Qualifications: Training and professional skill development will be provided for the various aspects of the position, as appropriate based on the individual’s experience. Proficiencies and training the individual has already received should be considered.</li> </ul> | <ul style="list-style-type: none"> <li>• Must have excellent interpersonal, oral, and written skills; will generally lead a team of environmental staff. Must also be able to function as a team member.</li> <li>• Will be involved in fieldwork so must have physical stamina.</li> <li>• Display a professional customer service attitude at all times.</li> <li>• Plan and coordinate activities. Prepare reports and recommend corrective actions.</li> <li>• Understand the issues involved in protecting the environment—degradation, conservation, recycling, and hydrogeologic protection of water supplies to comply with Federal environmental regulations. Research environmental laws and regulations.</li> <li>• Will have the flexibility to be “on-call” after duty hours as required. May be required to work other than normal duty hours, which may include evenings, weekends, and/or holidays.</li> <li>• Required to follow all company personnel and safety policies, and perform all assigned duties in a safe work manner.</li> <li>• Ensure there is integration of regulatory and technical requirements for facility decommissioning and remediation of contaminated environmental media (e.g., soils, surface water, ground water).</li> <li>• Conduct technical peer reviews of document format and content prior to presentation to regulatory agencies.</li> <li>• Provide oversight in the areas of environmental compliance and permitting, RCRA, NESHAPs, SPDES, and other applicable state and federal environmental regulations and DOE orders, standards, and guidance.</li> <li>• Provide support for public, stakeholder and/or regulatory agency reviews and/or meetings. This may include: attending regulatory, public and/or stakeholder meetings, coordinating with all necessary parties, preparing meeting material such as slide presentations and meeting summaries,</li> </ul> |

| Category          | Minimum Qualifications Yrs/Education  | Description & Qualifications   |
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|                   | <ul style="list-style-type: none"> <li>Experience with computer modeling, data analysis and integration, digital mapping, and/or remote sensing.</li> </ul>   | arranging meeting locations, providing all parties with meeting notifications, producing sufficient quantities of meeting presentation materials, and maintaining public reading rooms.  |
| Safety Specialist | <p>Required:</p> <ul style="list-style-type: none"> <li>Bachelor’s degree in engineering or science discipline. Additional years of commensurate experience may be proposed in lieu of the Bachelor’s degree.</li> <li>At least 5 years of safety related work experience on similar type projects.</li> <li>30 hour OSHA construction safety class within the last 5 years.</li> <li>Have an average of at least 24 hours of formal safety training per year for the past 5 years.</li> <li>Experience with Department of Energy or related federal agency.</li> </ul> <p>Preferred:</p> <ul style="list-style-type: none"> <li>Certified Safety Professional (CSP) or other formal qualification / recognition.</li> <li>Experience in preparation of plans and reports.</li> <li>Safety training on scaffolding, cranes, fall protection, confined space, fire protection, blood borne pathogens, lock out/tag out, HAZWOPPER, or others.</li> </ul> | <ul style="list-style-type: none"> <li>Perform safety activities at all three job locations.</li> <li>Develop or assist in the development of site safety program and enforce safety standards.</li> <li>Conduct safety training.</li> <li>Monitor Occupational Safety and Health Administration (OSHA) compliance.</li> <li>Conduct safety inspections, rectify deficiencies and report results.</li> <li>Advise the DOE on the status and adequacy of the RAC, TAC, and DOE safety program and on safety matters to support mission accomplishment.</li> <li>Review accident reports for accuracy, completeness and timeliness.</li> <li>Brief newly assigned personnel on the safety program.</li> <li>Performs other incidental and related duties as required and assigned.</li> <li>Follow all company personnel and safety policies and perform all assigned duties in a safe work manner.</li> <li>May be required to work other than normal duty hours, which may include evenings, weekends, and holidays.</li> <li>Conduct daily safety and health inspections.</li> <li>Conduct accident investigations and complete required reports including OSHA Form 300.</li> <li>Perform reporting of daily activities.</li> <li>Hands on involvement with subcontractors and self-performance tasks.</li> <li>Maintain applicable safety reference materials.</li> <li>Oversee accident prevention plan and activity hazard analysis.</li> <li>Ensure contractor compliance with all safety and health requirements.</li> <li>Responsible for assisting administration of fire protection programs.</li> <li>Provide technical assistance to contractors and other personnel in interpreting and complying with fire codes and standards.</li> </ul> |
| Field Engineer    | <p>Required:</p> <ul style="list-style-type: none"> <li>Bachelor’s degree in Geology, Hydrogeology, Mathematics, Engineering, Physical Science, or</li> </ul>   | <ul style="list-style-type: none"> <li>Must have excellent interpersonal skills; will usually work as part of a team with other specialists, and interact daily with the RAC construction staff in an auditing role.</li> <li>Strong oral and written communication skills to write technical reports, as well as communicate surveillance results to others. Prepare reports and recommend corrective actions.</li> </ul>   |

| Category              | Minimum Qualifications Yrs/Education  | Description & Qualifications  |
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|                       | <p>related technical degree.</p> <ul style="list-style-type: none"> <li>• At least 10 years demonstrable experience with environmental laws, rules and regulations to include both Federal and Utah.</li> <li>• Must have current 40-hour and 8-hour hazardous waste operations level training.</li> <li>• Specialty Qualifications: Training and professional skill development will be provided for the various aspects of the position, as appropriate based on the individual’s experience. Proficiencies and training the individual has already received should be considered.</li> <li>• Knowledgeable of environmental sampling techniques, sample preservation, and shipment.</li> <li>• Knowledge of construction techniques, specifically in a hazardous environment.</li> <li>• General knowledge of hazardous materials storage requirements.</li> </ul> | <ul style="list-style-type: none"> <li>• Will be involved in fieldwork so must have physical stamina. Will be required to support revegetation efforts and well field maintenance.</li> <li>• Must have the ability to read, interpret, and explain engineering reports, documents, and work plans.</li> <li>• Able to understand and operate the rock fall radar monitoring system.</li> <li>• Display a professional customer service attitude at all times.</li> <li>• This position will require lifting and moving of heavy objects (up to 50 pounds).</li> <li>• Activities will include field data collection and sample analyses, civil survey support, non-intrusive geophysical data collection, buried infrastructure identification and mapping, data management, data validation, data reduction, interpretation, and presentation, statistics, geographic information system products, field summary reports, data summary reports, and technical oversight of field investigation activities.</li> <li>• Non-intrusive and field screening capabilities may be required (e.g., gamma walkover surveys, down-hole gamma surveys, non-intrusive geophysical surveys, etc.).</li> <li>• Routine site-wide monitoring activities may be required, including but not limited to air, surface water, groundwater, sediment, soil, direct exposure, and biota monitoring.</li> <li>• Investigation-derived waste (IDW) management and disposition.</li> <li>• Understand issues involved in protecting the environment—degradation, conservation, recycling, and replenishment / preserve water supplies, including application of hydrogeologic barriers and ground water withdrawal to comply with Federal environmental regulations.</li> <li>• Perform all assigned tasks in a safe manner.</li> <li>• Provides support for public, stakeholder and/or regulatory agency reviews and/or meetings. This may include: attending regulatory, public and/or stakeholder meetings, coordinating with all necessary parties, preparing meeting material such as slide presentations and meeting summaries, arranging meeting locations, providing all parties with meeting notifications, producing sufficient quantities of meeting presentation materials, and maintaining public reading rooms.</li> <li>• Provide expertise and specialized technical assistance in reviewing environmental laws and regulations and DOE Directives and Standards to determine applicability and appropriate implementation strategies.</li> <li>• Provides support for daily oversight of environmental compliance and permitting programs.</li> </ul> |
| Compliance Specialist | <p>Required:</p> <ul style="list-style-type: none"> <li>• Master’s Degree in Geology, Hydrogeology, Mathematics, Engineering, Physical Science or</li> </ul>  | <ul style="list-style-type: none"> <li>• Must have excellent interpersonal, oral, and written skills; will generally provide direction and input to a team of environmental staff. Must also be able to function as a team member.</li> <li>• Will be involved in fieldwork so must have physical stamina.</li> <li>• Display a professional customer service attitude at all times.</li> </ul>   |

| Category | Minimum Qualifications Yrs/Education  | Description & Qualifications  |
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|          | <p>related technical degree. Additional years of commensurate experience may be proposed in lieu of the Master's degree.</p> <ul style="list-style-type: none"> <li>• At least 15 years demonstrable compliance experience with Federal, Utah, and Colorado environmental laws, rules and regulations.</li> <li>• Must have current 40-hour and 8-hour refresher hazardous waste operations level training.</li> <li>• Specialty Qualifications: Training and professional skill development will be provided for the various aspects of the position, as appropriate based on the individual's experience. Proficiencies and training the individual has already received should be considered.</li> </ul> | <ul style="list-style-type: none"> <li>• Plan and coordinate activities. Prepare reports and recommend corrective actions.</li> <li>• Understand the issues involved in protecting the environment—degradation, conservation, recycling, and hydrogeologic protection of water supplies to comply with Federal environmental regulations. Research environmental laws and regulations.</li> <li>• Will have the flexibility to be “on-call” after duty hours as required. May be required to work other than normal duty hours, which may include evenings, weekends, and/or holidays.</li> <li>• Required to follow all company personnel and safety policies, and perform all assigned duties in a safe work manner.</li> <li>• Ensure there is integration of regulatory and technical requirements for facility decommissioning and remediation of contaminated environmental media (e.g., soils, surface water, ground water).</li> <li>• Conducts technical peer reviews of document format and content prior to presentation to regulatory agencies.</li> <li>• Provides oversight in the areas of environmental compliance and permitting, RCRA, NESHAPs, SPDES, air monitoring, and other applicable state and federal environmental regulations and DOE orders, standards, and guidance.</li> <li>• Provides support for public, stakeholder, and/or regulatory agency reviews and/or meetings. This may include: attending regulatory, public and/or stakeholder meetings, coordinating with all necessary parties, preparing meeting material such as slide presentations and meeting summaries, arranging meeting locations, providing all parties with meeting notifications, producing sufficient quantities of meeting presentation materials, and maintaining public reading rooms.</li> <li>• Provides UMTRA with expertise and specialized technical assistance in reviewing environmental laws and regulations and DOE Directives and Standards to determine applicability and appropriate implementation strategies.</li> <li>• Provides support for daily oversight of environmental compliance and permitting programs (including but not limited to Resource Conservation and Recovery Act (RCRA), air, water, waste, monitoring and reporting). Coordinates and interfaces on RCRA, NESHAPs, SPDES, air permitting, and environmental issues with the DOE and regulatory agencies.</li> <li>• Provide leadership and support in the generation and review of compliance plans, permit applications, and regulatory documentation.</li> <li>• Collaborate with other entities in the resolution of key technical comments and/or regulatory issues pertaining to compliance plans and reports, applications and regulatory documentation.</li> <li>• Provide leadership and support associated with the implementation of compliance orders and agreements.</li> <li>• Provide leadership and support in the performance of surveillances and other forms of in-field oversight relative to environmental programs implemented at the Project.</li> </ul> |

| Category                   | Minimum Qualifications Yrs/Education   | Description & Qualifications  |
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|                            |  | <ul style="list-style-type: none"> <li>• Provides consultation regarding the development of regulatory strategies, including analyses pertinent to NEPA, CERCLA, RCRA, and/or other federal, state and local environmental compliance requirements.</li> <li>• Provides independent technical facilitation for decision making as well as informational meetings associated with the collaborative processes that may include regulatory agencies.</li> </ul>   |
| Environmental Technician 1 | <p>Required:</p> <ul style="list-style-type: none"> <li>• Bachelor’s degree in Geology, Hydrogeology, Mathematics, Engineering, Physical Science, or related technical degree. Years of commensurate experience may be substituted for the Bachelor’s degree.</li> <li>• At least 2 years demonstrable experience with environmental laws, rules and regulations to include both Federal and Utah.</li> <li>• Must have current 40-hour and 8-hour hazardous waste operations level training.</li> <li>• Specialty Qualifications: Training and professional skill development will be provided for the various aspects of the position, as appropriate based on the individual’s experience. Proficiencies and training the individual has already received should be considered.</li> <li>• Knowledgeable of environmental sampling techniques, sample preservation, and shipment.</li> <li>• General knowledge of hazardous materials storage requirements.</li> <li>• Knowledgeable and experienced using common powered tools for brush removal and reduction, including</li> </ul> | <ul style="list-style-type: none"> <li>• Must have proven meticulous attention to detail, strong communication skills, good organizational skills and ability to self-direct and prioritize.</li> <li>• Must have ability to work independently, as well as within teams, using judgment and discretion in making decisions which may directly impact facility compliance.</li> <li>• Must have ability to read, understand, and implement work plans.</li> <li>• Must be able to operate common brush removal and reduction equipment and able to accept and perform primary responsibility for well field operation and maintenance.</li> <li>• Knowledge of safe work practices and procedures.</li> <li>• Daily tasks may include handling, processing, packaging and storing samples in various-sized containers.</li> <li>• The environmental technician will have the flexibility to be “on-call” after duty hours as required. May be required to work other than normal duty hours, which may include evenings, weekends, and/or holidays.</li> <li>• Maintain written and electronic records of daily performance and sample data.</li> <li>• Safely and successfully operate sampling equipment and machinery.</li> <li>• This position will require lifting and moving of heavy objects (up to 50 pounds).</li> <li>• Activities will include field data collection and sample analyses, civil survey support, non-intrusive geophysical data collection, buried infrastructure identification and mapping, data management, data validation, data reduction, interpretation, and presentation, statistics, geographic information system products, field summary reports, data summary reports, and technical oversight of field investigation activities.</li> <li>• Onsite activities will include subsurface field services (e.g., well drilling, soil borings, cone penetrometer testing, geotechnical data collection, clearing and grubbing of brush/tree removal and related services) as well as surface soil, groundwater, surface water, and stream sediment characterization.</li> <li>• Non-intrusive and field screening capabilities may be required (e.g., gamma walkover surveys, down-hole gamma surveys, non-intrusive geophysical surveys, etc.).</li> <li>• Routine site-wide monitoring activities may be required, including but not limited to air, surface water, groundwater, sediment, soil, direct exposure, and biota monitoring.</li> </ul> |

| Category                   | Minimum Qualifications Yrs/Education  | Description & Qualifications  |
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|                            | chippers, saws, tractors, trucks, etc.  | <ul style="list-style-type: none"> <li>• Investigation-derived waste (IDW) management and disposition.</li> <li>• Ability to deploy and support in-field laboratory capabilities (radiological and chemical) as required and appropriate.</li> </ul>  |
| Environmental Technician 2 | <p>Required:</p> <ul style="list-style-type: none"> <li>• Bachelor’s degree in Geology, Hydrogeology, Mathematics, Engineering, Physical Science, or related technical degree. Years of commensurate experience may be substituted for the Bachelor’s degree.</li> <li>• At least 5 years demonstrable experience with environmental laws, rules and regulations to include both Federal and Utah.</li> <li>• Must have current 40-hour and 8-hour hazardous waste operations level training.</li> <li>• Specialty Qualifications: Training and professional skill development will be provided for the various aspects of the position, as appropriate based on the individual’s experience. Proficiencies and training the individual has already received should be considered.</li> <li>• Knowledgeable of environmental sampling techniques, sample preservation, and shipment.</li> <li>• General knowledge of hazardous materials storage requirements.</li> <li>• Knowledgeable and experienced using common powered tools for brush removal and reduction, including chippers, saws, tractors, trucks, etc.</li> </ul> | <ul style="list-style-type: none"> <li>• Must have proven meticulous attention to detail, strong communication skills, good organizational skills and ability to self-direct and prioritize.</li> <li>• Must have ability to work independently, as well as within teams, using judgment and discretion in making decisions which may directly impact facility compliance.</li> <li>• Must have ability to read, understand, and implement work plans.</li> <li>• Strong oral and written communication skills to write technical reports, as well as communicate surveillance results to others. Prepare reports and recommend corrective actions.</li> <li>• Maintain written and electronic records of daily performance and sample data.</li> <li>• Will be involved in fieldwork so must have physical stamina. Will be required to support revegetation efforts and well field maintenance.</li> <li>• Must be able to operate common brush removal and reduction equipment and able to accept and perform primary responsibility for well field operation and maintenance.</li> <li>• Able to understand and operate the rock fall radar monitoring system.</li> <li>• Display a professional customer service attitude at all times.</li> <li>• Plan, coordinate, and perform environmental sampling activities to include ground water, air surface water, and sediment. Perform field screening for measurable parameters as well as packaging and shipping of samples to environmental laboratories.</li> <li>• Understand issues involved in protecting the environment—degradation, conservation, recycling, and replenishment / preserve water supplies, including application of hydrogeologic barriers and ground water withdrawal to comply with Federal environmental regulations.</li> <li>• Perform all assigned tasks in a safe manner.</li> <li>• The environmental technician will have the flexibility to be “on-call” after duty hours as required. May be required to work other than normal duty hours, which may include evenings, weekends, and/or holidays.</li> <li>• Provides support for public, stakeholder and/or regulatory agency reviews and/or meetings. This may include: attending regulatory, public and/or stakeholder meetings, coordinating with all necessary parties, preparing meeting material such as slide presentations and meeting summaries, arranging meeting locations, providing all parties with meeting notifications, producing sufficient quantities of meeting presentation materials, and maintaining public reading rooms.</li> <li>• Provide expertise and specialized technical assistance in reviewing environmental laws and regulations and DOE Directives and Standards to determine applicability and appropriate</li> </ul> |

| Category                   | Minimum Qualifications Yrs/Education  | Description & Qualifications   |
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|                            |   | <p>implementation strategies.</p> <ul style="list-style-type: none"> <li>• Provides support for daily oversight of environmental compliance and permitting programs.</li> <li>• This position will require lifting and moving of heavy objects (up to 50 pounds).</li> <li>• Activities will include field data collection and sample analyses, civil survey support, non-intrusive geophysical data collection, buried infrastructure identification and mapping, data management, data validation, data reduction, interpretation, and presentation, statistics, geographic information system products, field summary reports, data summary reports, and technical oversight of field investigation activities.</li> <li>• Onsite activities will include subsurface field services (e.g., well drilling, soil borings, cone penetrometer testing, geotechnical data collection, clearing and grubbing of brush/tree removal and related services) as well as surface soil, groundwater, surface water, and stream sediment characterization.</li> <li>• Non-intrusive and field screening capabilities may be required (e.g., gamma walkover surveys, down-hole gamma surveys, non-intrusive geophysical surveys, etc.).</li> <li>• Routine site-wide monitoring activities may be required, including but not limited to air, surface water, groundwater, sediment, soil, direct exposure, and biota monitoring.</li> <li>• Investigation-derived waste (IDW) management and disposition.</li> <li>• Ability to deploy and support in-field laboratory capabilities (radiological and chemical) as required and appropriate.</li> </ul> |
| Environmental Technician 3 | <p>Required:</p> <ul style="list-style-type: none"> <li>• Bachelor’s degree in Geology, Hydrogeology, Mathematics, Engineering, Physical Science, or related technical degree.</li> <li>• At least 10 years demonstrable experience with environmental laws, rules and regulations to include both Federal and Utah.</li> <li>• Must have current 40-hour and 8-hour hazardous waste operations level training.</li> <li>• Specialty Qualifications: Training and professional skill development will be provided for the various aspects of the</li> </ul> | <ul style="list-style-type: none"> <li>• Must have excellent interpersonal skills; will usually work as part of a team with other specialists.</li> <li>• Strong oral and written communication skills to write technical reports, as well as communicate surveillance results to others. Prepare reports and recommend corrective actions.</li> <li>• Will be involved in fieldwork so must have physical stamina. Will be required to support revegetation efforts and well field maintenance.</li> <li>• Able to understand and operate the rock fall radar monitoring system.</li> <li>• Display a professional customer service attitude at all times.</li> <li>• Plan, coordinate, and perform environmental sampling activities to include ground water, air surface water, and sediment. Perform field screening for measurable parameters as well as packaging and shipping of samples to environmental laboratories.</li> <li>• This position will require lifting and moving of heavy objects (up to 50 pounds).</li> <li>• Activities will include field data collection and sample analyses, civil survey support, non-intrusive geophysical data collection, buried infrastructure identification and mapping, data management, data validation, data reduction, interpretation, and presentation, statistics, geographic information system products, field summary reports, data summary reports, and</li> </ul>   |

| Category  | Minimum Qualifications Yrs/Education  | Description & Qualifications   |
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|   | <p>position, as appropriate based on the individual’s experience. Proficiencies and training the individual has already received should be considered.</p> <ul style="list-style-type: none"> <li>• Knowledgeable of environmental sampling techniques, sample preservation, and shipment.</li> <li>• General knowledge of hazardous materials storage requirements.</li> </ul> | <p>technical oversight of field investigation activities.</p> <ul style="list-style-type: none"> <li>• Onsite activities will include subsurface field services (e.g., well drilling, soil borings, cone penetrometer testing, geotechnical data collection, clearing and grubbing of brush/tree removal and related services) as well as surface soil, groundwater, surface water, and stream sediment characterization.</li> <li>• Non-intrusive and field screening capabilities may be required (e.g., gamma walkover surveys, down-hole gamma surveys, non-intrusive geophysical surveys, etc.).</li> <li>• Routine site-wide monitoring activities may be required, including but not limited to air, surface water, groundwater, sediment, soil, direct exposure, and biota monitoring.</li> <li>• Investigation-derived waste (IDW) management and disposition.</li> <li>• Ability to deploy and support in-field laboratory capabilities (radiological and chemical) as required and appropriate.</li> <li>• Understand issues involved in protecting the environment—degradation, conservation, recycling, and replenishment / preserve water supplies, including application of hydrogeologic barriers and ground water withdrawal to comply with Federal environmental regulations.</li> <li>• Perform all assigned tasks in a safe manner.</li> <li>• The environmental technician will have the flexibility to be “on-call” after duty hours as required. May be required to work other than normal duty hours, which may include evenings, weekends, and/or holidays.</li> <li>• Provides support for public, stakeholder and/or regulatory agency reviews and/or meetings. This may include: attending regulatory, public and/or stakeholder meetings, coordinating with all necessary parties, preparing meeting material such as slide presentations and meeting summaries, arranging meeting locations, providing all parties with meeting notifications, producing sufficient quantities of meeting presentation materials, and maintaining public reading rooms.</li> <li>• Provide expertise and specialized technical assistance in reviewing environmental laws and regulations and DOE Directives and Standards to determine applicability and appropriate implementation strategies.</li> <li>• Provides support for daily oversight of environmental compliance and permitting programs.</li> </ul> |
| <p>Records Manager</p> <p>[Added in Mod 0002]</p> | <p>Required:</p> <ul style="list-style-type: none"> <li>• Associate’s or Bachelor’s Degree (related experience can be used in lieu of a college degree).</li> <li>• At least 10 years demonstrable experience in records management.</li> </ul>   | <ul style="list-style-type: none"> <li>• Certificate from National Archives and Records Administration preferred.</li> <li>• The Records Manager has overall responsibility for records management for the Moab UMTRA Project and will develop and implement a program that meets the requirements of DOE Order 243.1, Records Management Program.</li> <li>• Position is responsible for management of all records related to the Project through all phases of the records life cycle: creation, collection, maintenance, use, and disposition.</li> </ul>   |

| Category  | Minimum Qualifications Yrs/Education   | Description & Qualifications  |
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|   | <ul style="list-style-type: none"> <li>Specialty Qualifications: Training and professional skill development will be provided for the various aspects of the position, as appropriate based on the individual's experience. Proficiencies and training the individual has already received should be considered.</li> </ul>  | <ul style="list-style-type: none"> <li>Provides records management services and maintain responsibility for records in a variety of media including paper, microfilm, and electronic.</li> <li>Records may relate to project management, project engineering and design, safety and health, and regulatory compliance.</li> <li>Records may be memoranda, analytical data, construction drawings, management assessment reports, and inspections.</li> </ul>  |
| <p>Health, Safety, and Training (HS&amp;T) Manager</p> <p>[Added in Mod 0002]</p> | <p>Required:</p> <ul style="list-style-type: none"> <li>Bachelor's degree in Science or Health field. Additional years of commensurate experience may be proposed in lieu of the Bachelor's degree.</li> <li>Nationally recognized professional registration such as a Certified Safety Professional (CSP), National Registry of Radiation Protection Technologists (NRRPT), or Certified Industrial Hygienist (CIH).</li> <li>At least 15 years of industrial, federal, state or other governmental industrial safety experience, in a nuclear industrial and/or industrial remediation setting including responsibility for safety, occupational health, industrial safety and/or a combination of commensurate experience for major maintenance, construction, or remediation projects/activities</li> <li>At least 5 years of experience in management of health, safety, radiological control, or training at Department of Energy operating facilities.</li> </ul> | <ul style="list-style-type: none"> <li>Responsible as the TAC lead for safety at the three project locations.</li> <li>Activities include safety and occupational health management, surveillance inspections and safety enforcement on projects. Incident investigations, job hazard analysis, recordkeeping, day-to-day regulatory compliance, conducting inspections and audits, Must be familiar with safety aspects of construction/demolition operations, fire and life safety code review of facilities and equipment, electrical safety, and provide support to the Emergency Response Team. Expected to be on site during all work or testing activities. Participate in applicable regulatory agency and internal inspections, and performs other duties as assigned.</li> <li>Candidate will have HS background in industrial, federal, state or other governmental environment; ability to effectively communicate with all levels of employees and management; ability to interpret and apply federal, state, local laws, regulations and requirements; analytical, research and problem-solving skills. An awareness of environmental compliance is helpful.</li> <li>Provides oversight of following Health, Safety, &amp; Training (HS&amp;T) Programs (including all implementing policies, procedures, and instructions) including, but not limited to: <ul style="list-style-type: none"> <li>Radiation Protection (including Dosimetry);</li> <li>Contractor Assurance;</li> <li>Emergency Management;</li> <li>OSHA Construction Safety Standards;</li> <li>Respiratory Protection;</li> <li>Price Anderson Amendments Act; and</li> <li>Other programs as assigned.</li> </ul> </li> <li>Coordinates Project training including developing and reviewing/updating training courses and teaches training as qualified.</li> <li>Supports DOE with the development of short and long range oversight plans and schedules which account for all aspects of DOE, RAC, and TAC oversight activities, ensuring that applicable requirements/regulations are adequately addressed in the schedule.</li> <li>Performs surveys of a variety of work places and work processes, including but not limited to</li> </ul> |

| Category | Minimum Qualifications Yrs/Education  | Description & Qualifications   |
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|          | <ul style="list-style-type: none"> <li>Experience and a working knowledge of EHS regulations, codes, and guidelines.</li> </ul> | <p>construction, and decontamination and demolition sites, environmental clean-up and remediation sites, in order to identify worker safety and health hazards and/or unsafe worker behaviors, violations of HS&amp;T requirements, potential incorrect or unsafe acts, and/or deficiencies related to DOE, Occupational Safety and Health Administration (OSHA), Environmental Protection Agency (EPA) regulations, and other regulatory statues governing work. The Contractor shall bring to the immediate attention of DOE and the RAC any identified hazard or unsafe hazard conditions, or behavior(s) that represents an imminent threat of death or serious injury. Additionally the Contractor shall prepare and deliver reports that specifically identify potential violations or unsafe conditions by location and recommend corrective actions to resolve unsafe conditions or unsafe behaviors.</p> <ul style="list-style-type: none"> <li>Supports DOE in the performance of surveillances, health and safety assessments, compliance reviews and assessment/audit teams required by DOE Orders and other forms of infield oversight of the RAC and TAC operations and activities. Some of the compliance reviews and assessment teams include DOE Readiness Assessments (RA), Operational Readiness Reviews (ORR), Integrated Safety Management System Radiological Controls, Occupational Safety and Health, and Waste Management and Transportation Compliance reviews. Oversight activities may include document procedure, and process reviews, interviews, and in-field work observations. Additionally, the Contractor may be required to perform and document casual analyses resulting from oversight and assessment activities. The subject matter experts are required to prepare reports of the observations and findings from such reviews and provide follow up and tracking of corrective actions. All work shall be done in accordance with established DOE procedures and be subject to DOE approval.</li> <li>Provides support services staff to review DOE and contractor activities to assess DOE O 226.1B implementation and to recommend improvements. This includes but is not limited to: evaluating activities (and their scope) being performed and planned; evaluating the risks (safety, mission impacts, security, etc.) associated with activities; and evaluating the level of existing federal oversight and its associated infrastructure (plans, procedures, and training and qualification of staff). The subject matter experts will assist in preparing or revising field element policies and in implementing procedures that are consistent with DOE O 226.1B of comparably effective criteria established by the responsible program office.</li> <li>Monitors contractors program to control radiological hazards; Coordinates all health physics activities with assigned counterparts.</li> <li>Plans and conducts safety oversight activities. Monitors facilities and operations performing radiological or nonionizing radiological work. Monitors facilities and operations to ensure existing radiological safety standards and procedures/practices are adequate, and recommends corrective</li> </ul> |

| Category | Minimum Qualifications Yrs/Education | Description & Qualifications   |
|----------|--------------------------------------|--|
|          |                                      | <p>action.</p> <ul style="list-style-type: none"> <li>• Makes recommendations on health physics aspects of emergency/disaster preparedness planning and operations. Assists DOE and interfaces with representatives of the Nuclear Regulatory Commission and of other governmental and civilian agencies. Recommends new or revised instructions, manuals, and technical documents as required to ensure an adequate safety program.</li> <li>• Provides implementation support and oversight of maintenance, industrial hygiene, occupational health, and safety programs to identify and mitigate hazards in the workplace. Develops, recommends and implements related programs, policies, and procedures for monitoring and preventing chemical, physical, and biological hazards to prevent illness, injury and safety hazards in the work environment.</li> <li>• Develops and establishes appropriate sampling and monitoring procedures and guidelines, and provide guidance in interpreting and monitoring compliance with governmental regulations and industry/company work practices. Resolve technical, industrial hygiene and safety issues.</li> <li>• Develops, implements and provides oversight of occupational health and industrial safety programs for facilities; develops and implements an assessment program to ensure compliance by all employees and contractor employees to the respective programs; This position is responsible to ensure compliance with all applicable policies and governmental laws, rules and regulations including but not limited to the DOE, OSHA and NRC rules and regulations.</li> <li>• Ensures that subcontractor Industrial Hygiene functions are performed in accordance with the requirements of the Occupational Safety and Health Act (OSHA) and all applicable federal, state, local and government regulations.</li> <li>• Conducts worksite health hazard surveys.</li> <li>• Develops worker protection programs, such as hearing conservation, eye protection, and respiratory protection programs.</li> <li>• Performs general area and personal air monitoring.</li> <li>• Ensures availability and proper use and care of Personal Protective Equipment (PPE).</li> <li>• Enforces safety and health regulations and conducts applicable training as required.</li> <li>• Maintains accurate records of inspection and ensures work is completed in all areas of responsibility.</li> <li>• Conducts quality verification inspections as required.</li> <li>• Assures all operations are conducted in accordance with applicable safety rules and regulations.</li> <li>• Responds to off-duty calls from designated company authority to meet priority or emergency work requirements.</li> </ul> |

| Category   | Minimum Qualifications Yrs/Education   | Description & Qualifications   |
|--|--|--|
| <p>Senior Environmental Scientist</p> <p>[Added in Mod 0002]</p> | <p>Required:</p> <ul style="list-style-type: none"> <li>• Master’s Degree in Geology, Hydrogeology, Mathematics, Engineering, Physical Science or related technical degree. (Additional years of commensurate experience may be proposed in lieu of the Master’s degree.)</li> <li>• At least 15 years demonstrable compliance experience with Federal, Utah, and/or Colorado environmental laws, rules and regulations.</li> <li>• Must be able to obtain 40-hour hazardous waste operations level training.</li> <li>• Experience with and understanding of ISO 14001:2015 environmental management systems and requirements.</li> </ul> | <ul style="list-style-type: none"> <li>• Understand the issues involved in protecting the environment—degradation, conservation, recycling, sustainability, and protection of natural resources to comply with Federal environmental regulations and DOE directives. Develop and maintain an Environmental Management System (EMS) that conforms to international standard ISO 14001 “Environmental Management Systems – Requirements with guidance for use” to ensure a systemic approach to environmental management.</li> <li>• Promote integrate and report on sustainability initiatives such as energy and natural resource conservation, waste minimization, green construction, and use of environmental-friendly/preferred products and services into all phases of work in accordance with DOE Order 436.1, Departmental Sustainability.</li> <li>• Responsible for regulatory strategies, including analyses pertinent to support for daily oversight of environmental compliance and permitting, monitoring, and reporting programs including air (fugitive dust emissions and environmental air monitoring), and water (storm water pollution prevention). Coordinates interfaces and compliance with National Environmental Policy Act (NEPA), Endangered Species Act, National Historic Preservation Act, Uranium Mill Tailings Radiation Control Act, Clean Water Act, Clean Air Act, and Resource Conservation and Recovery Act (RCRA). Coordinate with the DOE and regulatory agencies including U.S. Fish and Wildlife Service, Army Corp of Engineers, Utah Department of Environmental Quality, and Utah Department of Natural Resources.</li> <li>• Maintain the Project’s EMS Manual and provide leadership and support in the generation, maintenance, and review of EMS plans and implementing procedures, permits, applications, agreements, and other regulatory documentation that support the EMS and environmental management work scope.</li> <li>• Provide leadership and support in the generation and review of compliance plans, permit applications, and regulatory documentation.</li> <li>• Must have excellent interpersonal, oral, and written skills; will generally provide direction and input to a team of environmental staff. Must also be able to function as a team member.</li> <li>• Will be involved in fieldwork so must have physical stamina.</li> <li>• Display a professional customer service attitude at all times.</li> </ul> |
| <p>Environmental Analyst</p> <p>[Added in Mod 0002]</p>          | <p>Required:</p> <ul style="list-style-type: none"> <li>• Bachelor’s degree in Environmental Science, Geology, Chemistry or similar subject.</li> <li>• At least 5 years of work experience</li> </ul>   | <ul style="list-style-type: none"> <li>• Must have ability to work independently, as well as within teams, using judgment and discretion in making decisions which may directly impact facility compliance.</li> <li>• Must have ability to read, understand drawings, and implement work plans.</li> <li>• Safely and successfully operate sampling equipment and machinery.</li> <li>• Knowledge of safe work practices and procedures.</li> </ul>   |

| Category  | Minimum Qualifications Yrs/Education  | Description & Qualifications  |
|---|---|---|
|   | conducting field work in Utah or Colorado. <ul style="list-style-type: none"> <li>• Must be able to obtain 40-hour hazardous waste operations level training.</li> <li>• Must be able to obtain EPA Method 9 Opacity certification.</li> </ul>  | <ul style="list-style-type: none"> <li>• Activities will include field data collection and sample analyses, data management, and field summary reports.</li> <li>• Onsite activities will include storm water inspections, opacity observations, and petroleum storage tank inspections.</li> <li>• Will serve as the Project’s Sustainability Coordinator.</li> </ul>  |
| Public Affairs Specialist<br><br><i>[Added in Mod 0002]</i> | Required: <ul style="list-style-type: none"> <li>• Bachelor’s degree.</li> <li>• At least 7 years of experience in Public Affairs representing government interests.</li> <li>• Knowledgeable on Communication Strategies.</li> </ul>   | <ul style="list-style-type: none"> <li>• Must have excellent interpersonal, oral, and written skills; may lead a diverse team of environmental staff that may also include members of the public, local government, or regulators. Must also be able to function as a team member.</li> <li>• Serve as public representative for the project; display a professional customer service attitude at all times.</li> <li>• Plan and coordinate public presentations and activities.</li> <li>• Prepare reports and recommend actions.</li> <li>• Understand the issues involved in protecting the environment—degradation, conservation, recycling, and hydrogeologic protection of water supplies to comply with Federal environmental regulations.</li> <li>• Shall have the flexibility to be “on-call” after duty hours as required. May be required to work other than normal duty hours, which may include evenings, weekends, and/or holidays.</li> <li>• Provide support for public, stakeholder, and/or regulatory agency reviews and/or meetings. This may include: attending regulatory, public and/or stakeholder meetings, coordinating with all necessary parties, preparing meeting material such as slide presentations and meeting summaries, arranging meeting locations, providing all parties with meeting notifications, producing sufficient quantities of meeting presentation materials, and maintaining public reading rooms.</li> <li>• Must have strong skills in technical editing and communication.</li> <li>• Must have a full understanding of the front end of the fuel cycle.</li> </ul> |
| Senior ES&H Specialist<br><br><i>[Added in Mod 0003]</i>    | Required: <ul style="list-style-type: none"> <li>• Bachelor’s Degree in Science, Mathematics, Engineering, or related technical degree. Additional years of commensurate experience may be proposed in lieu of the Bachelor’s degree.</li> <li>• At least 25 years of demonstrable</li> </ul> | <ul style="list-style-type: none"> <li>• Senior advisor to the Project on all Environment, Safety and Health (ES&amp;H) related issues with extensive experience as an ES&amp;H Subject Matter Expert.</li> <li>• Activities include incident investigations, job hazard analysis, recordkeeping, day-to-day regulatory compliance, conducting inspections and audits, air sampling, noise monitoring, ventilation testing, radiation testing, and biological sampling. Must be familiar with operation, calibration, and maintenance of a wide variety of monitoring and sampling equipment, ergonomic evaluations, and fire and life safety code review of facilities and equipment, electrical safety, and provide support to the Emergency Response Team, and participate in applicable regulatory agency</li> </ul>  |

| Category | Minimum Qualifications Yrs/Education  | Description & Qualifications  |
|----------|---|---|
|          | <p>experience with Federal and State health and safety laws, rules, codes regulations, and guidelines.</p> <ul style="list-style-type: none"> <li>• Nationally recognized certification in health, safety, or environment, such as Certified Hazardous Materials Manager (CHMM)</li> <li>• Must be able to obtain 40-hour hazardous waste operations level training.</li> </ul> | <p>and internal inspections.</p> <ul style="list-style-type: none"> <li>• Provides oversight of following ES&amp;H Subject Matter (including all implementing policies, procedures, and instructions) including, but not limited to—               <ul style="list-style-type: none"> <li>○ Electrical Safety;</li> <li>○ Emergency Management;</li> <li>○ Environmental Management;</li> <li>○ Hazard Communication;</li> <li>○ Hazardous Energy Control;</li> <li>○ Industrial Hygiene;</li> <li>○ OSHA General Industry Standards;</li> <li>○ OSHA Construction Safety Standards;</li> <li>○ Radiation Protection (including Dosimetry);</li> <li>○ Respiratory Protection; and other programs as assigned.</li> </ul> </li> <li>• Additionally the Contractor shall prepare and deliver reports that specifically identify potential violations or unsafe conditions by location and recommend corrective actions to resolve unsafe conditions or unsafe behaviors.</li> <li>• Must have excellent interpersonal, oral, and written skills; will generally provide direction and input to a team of environmental staff. Must also be able to function as a team member.</li> <li>• Will be involved in fieldwork so must have physical stamina.</li> <li>• Display a professional customer service attitude at all times.</li> </ul> |

| Section J, Attachment J-6 - IDIQ Schedule of Fully Burdened Labor Rates |            |            |            |            |            |
|---|------------|------------|------------|------------|------------|
| IDIQ Schedule of Fully Burdened Labor Rates for Prime Contractor        |            |            |            |            |            |
| <b>S&amp;K Logistics Services, LLC Fully Burdened Labor Rates</b>       |            |            |            |            |            |
|   | Year 1     | Year 2     | Year 3     | Year 4     | Year 5     |
|   | Fully      | Fully      | Fully      | Fully      | Fully      |
|   | Burdened   | Burdened   | Burdened   | Burdened   | Burdened   |
| Category  | Labor Rate |
| Program Manager   |            |            |            |            |            |
| Operations Manager  |            |            |            |            |            |
| Certified Industrial Hygienist  |            |            |            |            |            |
| ES&H Manager  |            |            |            |            |            |
| Quality Manager   |            |            |            |            |            |
| Public Affairs Manager  |            |            |            |            |            |
| Project Analyst 1   |            |            |            |            |            |
| Project Analyst 2   |            |            |            |            |            |
| Project Analyst 3   |            |            |            |            |            |
| Administrative Asst 1   |            |            |            |            |            |
| Administrative Asst 2   |            |            |            |            |            |
| Administrative Asst 3   |            |            |            |            |            |
| Security Manager  |            |            |            |            |            |
| Property Manager  |            |            |            |            |            |
| Technical Editor  |            |            |            |            |            |
| Engineer 1  |            |            |            |            |            |
| Engineer 2  |            |            |            |            |            |
| Engineer 3  |            |            |            |            |            |
| GIS Specialist  |            |            |            |            |            |
| Network Manager   |            |            |            |            |            |
| IT Specialist 1   |            |            |            |            |            |
| IT Specialist 2   |            |            |            |            |            |
| IT Specialist 3   |            |            |            |            |            |
| Field Manager   |            |            |            |            |            |
| Ground Water Manager  |            |            |            |            |            |
| Safety Specialist   |            |            |            |            |            |
| Field Engineer  |            |            |            |            |            |
| Compliance Specialist   |            |            |            |            |            |
| Environmental Tech 1  |            |            |            |            |            |
| Environmental Tech 2  |            |            |            |            |            |

| <b>S&amp;K Logistics Services, LLC Fully Burdened Labor Rates</b>   |  |        |        |        |        |  |
|---|--|--------|--------|--------|--------|--|
|   | Year 1   | Year 2 | Year 3 | Year 4 | Year 5 |  |
| Environmental Tech 3  |  |        |        |        |        |  |
| Records Manager   |  |        |        |        |        |  |
| Health, Safety, and Training Manager  |  |        |        |        |        |  |
| Environmental Analyst   |  |        |        |        |        |  |
| Public Affairs Specialist   |  |        |        |        |        |  |
|   |  |        |        |        |        |  |
| <i>Note that Contract Year 6 and Contract Year 7 labor rates for the above established labor categories will be negotiated if and when it is determined that they are needed for task order performance beyond the base contract ordering period.</i> |  |        |        |        |        |  |

| <b>Attachment J-6 - IDIQ Schedule of Fully Burdened Labor Rates</b>               |                   |                   |                   |                   |                   |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|
| <b>IDIQ Schedule of Fully Burdened Labor Rates for Subcontractor #1</b>           |                   |                   |                   |                   |                   |
| <b>Professional Project Services, Inc. (Pro2Serve) Fully Burdened Labor Rates</b> |                   |                   |                   |                   |                   |
|   | <b>Year 1</b>     | <b>Year 2</b>     | <b>Year 3</b>     | <b>Year 4</b>     | <b>Year 5</b>     |
|   |                   |                   |                   |                   |                   |
|   | <b>Fully</b>      | <b>Fully</b>      | <b>Fully</b>      | <b>Fully</b>      | <b>Fully</b>      |
|   | <b>Burdened</b>   | <b>Burdened</b>   | <b>Burdened</b>   | <b>Burdened</b>   | <b>Burdened</b>   |
| <b>Category</b>   | <b>Labor Rate</b> |
| Program Manager   |                   |                   |                   |                   |                   |
| Operations Manager  |                   |                   |                   |                   |                   |
| Certified Industrial Hygienist  |                   |                   |                   |                   |                   |
| ES&H Manager  |                   |                   |                   |                   |                   |
| Quality Manager   |                   |                   |                   |                   |                   |
| Public Affairs Manager  |                   |                   |                   |                   |                   |
| Project Analyst 1   |                   |                   |                   |                   |                   |
| Project Analyst 2   |                   |                   |                   |                   |                   |
| Project Analyst 3   |                   |                   |                   |                   |                   |
| Administrative Asst 1   |                   |                   |                   |                   |                   |
| Administrative Asst 2   |                   |                   |                   |                   |                   |
| Administrative Asst 3   |                   |                   |                   |                   |                   |
| Security Manager  |                   |                   |                   |                   |                   |
| Property Manager  |                   |                   |                   |                   |                   |
| Technical Editor  |                   |                   |                   |                   |                   |
| Engineer 1  |                   |                   |                   |                   |                   |
| Engineer 2  |                   |                   |                   |                   |                   |
| Engineer 3  |                   |                   |                   |                   |                   |
| GIS Specialist  |                   |                   |                   |                   |                   |
| Network Manager   |                   |                   |                   |                   |                   |
| IT Specialist 1   |                   |                   |                   |                   |                   |
| IT Specialist 2   |                   |                   |                   |                   |                   |
| IT Specialist 3   |                   |                   |                   |                   |                   |
| Field Manager   |                   |                   |                   |                   |                   |
| Ground Water Manager  |                   |                   |                   |                   |                   |
| Safety Specialist   |                   |                   |                   |                   |                   |
| Field Engineer  |                   |                   |                   |                   |                   |
| Compliance Specialist   |                   |                   |                   |                   |                   |
| Environmental Tech 1  |                   |                   |                   |                   |                   |
| Environmental Tech 2  |                   |                   |                   |                   |                   |
| Environmental Tech 3  |                   |                   |                   |                   |                   |
| Records Manager   |                   |                   |                   |                   |                   |
| Senior Environmental Scientist  |                   |                   |                   |                   |                   |
| Public Affairs Specialist   |                   |                   |                   |                   |                   |

| <b>Professional Project Services, Inc. (Pro2Serve) Fully Burdened Labor Rates</b>   |               |               |               |               |               |
|---|---------------|---------------|---------------|---------------|---------------|
|   | <b>Year 1</b> | <b>Year 2</b> | <b>Year 3</b> | <b>Year 4</b> | <b>Year 5</b> |
| <b>Senior ES&amp;H Specialist</b>   |               |               |               |               |               |
| <i>Note that Contract Year 6 and Contract Year 7 labor rates for the above established labor categories will be negotiated if and when it is determined that they are needed for task order performance beyond the base contract ordering period.</i> |               |               |               |               |               |

# 2017 Annual Performance Agreement

## Office of Environmental Management



U.S. Department of Energy  
Office of Environmental Management  
2/1/2017

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## **Office of Environmental Management 2017 Performance Agreement**

The mission of the Office of Environmental Management (EM) is to complete safe cleanup of the environmental legacy brought about by five decades of nuclear weapons development and government-sponsored nuclear energy research. In 2017, EM will continue to focus efforts on strengthening efficiency and effectiveness of the EM organization as well as executing our mission safely and within cost and schedule parameters.

This Performance Agreement serves as the commitment of the EM leadership team to improve the organization in areas that will aid in advancing the EM mission in the safest and most efficient and effective manner possible, as detailed by the following goals and commitments.

### **Goals/Measuring Progress**

EM's primary responsibility is safe cleanup of the environmental legacy of research and materials production by the Department of Energy (DOE) and its predecessor agencies. EM has recently reorganized to create a more efficient and site-focused organization. The reorganization structures EM-Headquarters (EM-HQ) to align with how the EM program executes the mission; promotes increased coordination and interaction between the field and EM-HQ; and improves cross-organizational workflow and communication.

EM's goals and objectives are captured in individual performance plans of the Principal Deputy, Associate Principal Deputies, and EM Field Managers, and should cascade through employee performance plans throughout the organization. Programmatic success will be measured by what is accomplished, such as number of sites restored, quantities of waste treated and disposed, number of waste storage tanks closed, amount of soil and groundwater remediated, etc. EM's overall success will also be measured by how the program is managed through critical management goals, such as improvement of the safety and organizational culture, increasing overall efficiency with improved performance, achieving results from programs and projects and a focus on organizational excellence.

This Performance Agreement outlines these broad programmatic goals and supporting objectives. Progress will be reviewed quarterly to ensure the organization is on-track to meet these goals.

**Section 1 – Complex-wide and EM-HQ Goals and Objectives**

**Goal 1: Enhance Organizational Excellence**

One of the primary reasons for the EM-HQ reorganization, is to become more field centric, and to enhance safe execution of the work in the field. Specifically, it is believed the new organizational structure will help EM-HQ achieve this goal. To this end, a number of important goals have been established for 2017 that will improve the functioning of the organization and make important progress on achieving organizational excellence.

It should be noted a core value of EM is adequate safety of EM workers, the public, and environment. As such, safety is incorporated into every aspect of the EM program. In an effort to best ensure protection of our workers, EM has a goal of zero accidents/incidents in the workplace and has maintained a strong safety record. Furthermore, EM continues to utilize the Integrated Safety Management System to ensure that work activities are adequately and appropriately scoped and analyzed for hazards. In addition, activities are taken to mitigate or eliminate hazards, and are effectively performed by trained and qualified employees. EM also strives to maintain a progressive and effective relationship with stakeholders across the EM complex in an effort to ensure cleanup at EM sites is completed in the most safe and efficient manner possible.

- Update functions, responsibilities, and authorities' document and standard operating policies and procedures to clarify roles, responsibilities and processes for each EM-HQ element.
- Develop Headquarters Safety Culture Sustainment Plan and implement DOE National Training Center/HAMMER Safety Culture Training courses for Front Line Leaders and Individual Contributors.
- Develop and begin to implement an action plan to address key results from the Federal Employee Viewpoint Survey.
- Continue to identify opportunities to enhance relationships with EM customers and stakeholders and implement improvements through sponsorship of at least three events such as the Intergovernmental Meeting and National Clean-up Workshop.
- Develop EM Best Practices Program and publish initial set of best practices.
- Promote EM-HQ employee engagement through sponsorship of at least three DOE initiatives and/or networking events.

## **Goal 2: Improve Performance**

EM continues to seek opportunities to increase efficiency and performance to ensure maximum cleanup value for every dollar invested in the EM program. EM also continues to strive to identify opportunities to make strategic investments in an effort to reduce life-cycle costs of the cleanup program while minimizing project and program schedules. The following goals have been established for 2017 to improve performance of the EM Program.

- Reduce EM-wide injury rate goals by 5% compared to FY16 for cumulative average Total Recordable Case Rate and Days Away from work – Restricted or Transferred.
- Develop an EM-specific plan for improving contract and project management to incorporate best practices and address criteria identified by the GAO, with the goal of being removed from the GAO High Risk List. Note that implementation of this plan will be a multi-year effort as sustained performance is necessary to show progress in the next five years.
- Continue the five-year Strategic Planning and Integration Initiative by assessing cross-cutting program and site-specific strategies that present opportunities to reduce life-cycle costs, address key high risks early, and/or achieve other tangible benefits.
- Advance the dialogue between EM, EPA, and States' to identify and resolve at least two initiatives that will increase efficiency and improve site/state/regional relationships.
- Work with EFCOG to identify a cost savings initiative(s) metric for field implementation.
- Work with Savannah River National Laboratory to establish an EM national laboratory network and document governance framework.

## **Goal 3: Support Success in the field**

As a part of the reorganization, EM is focused on supporting success in the field where execution of the program occurs. There are many facets to this effort including improving acquisition, contract and project management; focusing on efforts to optimize the EM workforce across the complex; and building a technology development program to resolve technical challenges. The goals identified below will be the focus for 2017 to support success in the field.

- Finalize the Human Capital Plan that incorporates a shift of up to 10% of existing HQ FTEs to the field over the next five years, using attrition and incentivizing transitions to the field as appropriate.

- Complete the Headquarters Readiness Review of the WIPP National Transuranic (TRU) Program.
- Complete the Technology Development Program Plan and continue with its implementation.
- Integrate HQ and site assessment plans to allow field offices to better prepare for and support oversight activities and to maximize benefit for assessments for HQ and the field.
- Approve a strategy for the Advanced Mixed Waste Treatment Facility future mission in support of optimizing the DOE complex TRU waste mission.
- Establish clear processes for site liaisons based at EM-HQ to ensure optimum support to the field.

## **Section 2 – Key EM Cleanup Objectives for 2017**

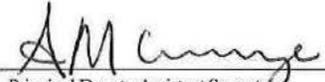
EM will continue to focus on risk reduction ensuring cleanup activities are safe, environmentally responsible, cost effective, efficient, and prioritized. Below are goals that have been established for 2017.

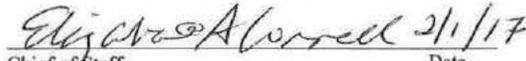
- Tank Waste
  - Complete 90% retrieval of tank AY-102 at Hanford.
  - Process high-level tank waste through SRS and produce at least 50 canisters of vitrified high level waste.
  - Continue implementation of tank vapor corrective actions at Hanford.
  - Continue to correct technical issues identified during commissioning of the Integrated Waste Treatment Unit by executing the Technical Issues Resolution Phase II Project Plan.
- Key Construction Projects
  - Update the Low Activity Waste, Balance of Plant, and Analytical Laboratory Facilities project baseline, the facilities of Waste Treatment and Immobilization Plant necessary to implement direct feed Low Activity Waste capability, and continue progress on those facilities to support their startup.
  - Complete construction of Saltstone Disposal Unit 6 at SRS.
  - Complete construction of ARP IX in Idaho.
  - Complete construction of Sediment Pond #3 to support the On-Site Waste Disposal Facility at Portsmouth.
  - Restart the Depleted Uranium Hexafluoride production lines at Paducah.
  - Continue commissioning activities to support Salt Waste Processing Facility startup in 2018.
  - Complete the 90% design of the Mercury Treatment Facility at the Y-12 National Security Complex.
  - Complete the 90% design for WIPP Safety Significant Confinement Ventilation System and Exhaust Shaft.
- Decontamination & Decommissioning
  - Complete Hanford Plutonium Finishing Plant demolition activities.
  - Complete removal of contaminated piping and equipment in building C-400, with a few exceptions, at Paducah.

- Special Nuclear Materials (SNM) and Spent Nuclear Fuel (SNF)
  - Complete documents necessary to support Critical Decision 1 for the Hanford Cesium/Strontium Capsule Disposition Project.
  - Support receipt, storage and processing of research reactor SNF at Savannah River Site.
  - Support activities for down blending six metric tons of non-pit plutonium and processing of SNF at SRS.
  - Support SNM and SNF management and security adjustments to enhance security at a reduced cost at the Savannah River Site.
- Soil and Groundwater Remediation
  - Complete 618-10 trench and Vertical Pipe Units (94 total) remediation, construction of the 324 building mockup facility and cleanout of the 324 building airlock at Hanford.
  - Complete the investigation and implement interim measures to arrest migration of hexavalent chromium contamination of the groundwater beneath Mortandad and Sandia Canyons at Los Alamos.
  - Publish the Energy Technology Engineering Center draft Environmental Impact Statement.
  - Initiate Groundwater Characterization activities in support of the ETTP Final Site-wide Record of Decision.
- Transuranic Waste
  - Resume waste emplacement activities at WIPP and resume TRU waste shipments and disposal from across the complex.
  - Complete certification of three waste generator sites' TRU waste programs.
  - Complete treatment of nitrate salt bearing TRU waste stored at LANL.
  - Complete retrieval of the Idaho Settlement Agreement 65,000 m<sup>3</sup> stored TRU waste located in TRU Storage Area.

Terms of Agreement

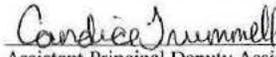
This Agreement is intended to improve the management and performance of the U.S. Department of Energy's Office of Environmental Management. It represents our commitment to operate efficiently, effectively, with a primary focus on safety while fulfilling our duties to the American people.

 2/1/17  
Principal Deputy Assistant Secretary, Date  
Office of Environmental Management

 2/1/17  
Chief of Staff, Date  
Office of Environmental Management

 2/1/17  
Associate Principal Deputy Assistant Secretary, Date  
Field Operations

 2/1/17  
Associate Principal Deputy Assistant Secretary, Date  
Regulatory and Policy Affairs

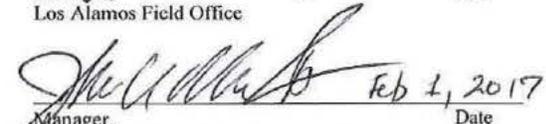
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Assistant Principal Deputy Assistant Secretary, Date  
Corporate Services

 2/1/17  
Manager, Date  
Carlsbad Field Office

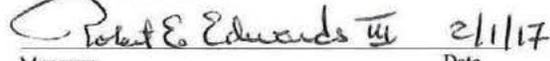
 2/1/17  
Director, Date  
EM Consolidated Business Center

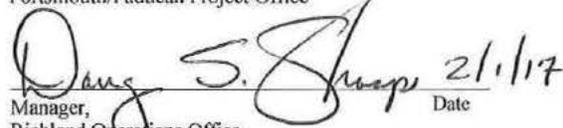
 2/1/17  
Deputy Manager, Date  
Idaho Operations Office

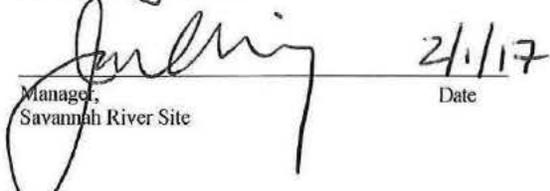
 1 Feb 2017  
Manager, Date  
Los Alamos Field Office

 Feb 1, 2017  
Manager, Date  
Oak Ridge Office of Environmental Management

 2/1/17  
Manager, Date  
Office of River Protection

 2/1/17  
Manager, Date  
Portsmouth/Paducah Project Office

 2/1/17  
Manager, Date  
Richland Operations Office

 2/1/17  
Manager, Date  
Savannah River Site

## Attachment J-8 - 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 | Condition Code | Disposition Code | Site                  | S1 Value (Bldg)    | S2 Value (Room) | Inventory Date | Comments |
|------------|-------------|------------------------|-----------------|-------------------|------|--|------------------|-------------|------------------|---------------|----------------|------------------|-----------------------|--------------------|-----------------|----------------|----------|
| M01004     | A           | Server, File           | Dell            | PE2950            | S    | F2155B1                                    | 32775660325      | \$4,457.00  | 7/3/2007         | TAC           | 4              |                  | Moab, UT              | Communications     | Server          | 4/29/2015      |          |
| M01006     | A           | Domain Controller      | Dell            | PE1950            | S    | 6F0R5D1                                    | 13968953317      | \$3,826.00  | 7/3/2007         | TAC           | 4              |                  | Grand Junction, CO    | S&K Office         | Server          | 4/29/2015      |          |
| M01007     | A           | Server Rack            | Dell            | 4210              | S    | HC686D1                                    | N/A              | \$5,594.35  | 7/3/2007         | TAC           | 4              |                  | Grand Junction, CO    | S&K Office         | Server          | 4/29/2015      |          |
| M01008     | A           | Server, Exchange       | Dell            | PE2950            | S    | BG4T5D1                                    | 24920142949      | \$5,057.00  | 7/3/2007         | TAC           | 4              |                  | Grand Junction, CO    | S&K Office         | Server          | 4/29/2015      |          |
| M01030     | A           | Computer               | Dell            | OptiPlex 745      | S    | 86Q9BD1                                    | 17821160389      | \$863.00    | 7/20/2007        | TAC           | 4              |                  | Grand Junction, CO    | S&K Office         | Bullpen         | 4/29/2015      |          |
| M01036     | A           | Server, Application 4  | Dell            | PE2950            | S    | 5G96FD1                                    | 11866786885      | \$5,157.00  | 8/3/2007         | TAC           | 4              |                  | Crescent Junction, UT | DOE                | Server          | 4/29/2015      |          |
| M01037     | A           | Server                 | Dell            | PE2950            | S    | 4G96FD1                                    | 9690004549       | \$5,157.00  | 8/3/2007         | TAC           | 4              |                  | Moab, UT              | Communications     | Server          | 4/29/2015      |          |
| M01038     | A           | Server, Edge Transport | Dell            | PE2950            | S    | 23S0HD1                                    | 4582014949       | \$3,657.00  | 9/27/2007        | TAC           | 4              |                  | Grand Junction, CO    | S&K Office         | Server          | 4/29/2015      |          |
| M01040     | A           | Computer               | Dell            | OptiPlex 745      | S    | GDZ6JD1                                    | 35673669253      | \$1,583.87  | 8/31/2007        | TAC           | 4              |                  | Grand Junction, CO    | S&K Office         | Server          | 4/29/2015      |          |
| M01043     | A           | Server Rack            | Dell            | 4210              | E    | CLHSV91                                    | N/A              | \$6,523.06  | 8/17/2007        | TAC           | 4              |                  | Grand Junction, CO    | S&K Office         | Server          | 4/29/2015      |          |
| M01048     | A           | Computer               | Dell            | OptiPlex 745      | S    | 5N5WND1                                    | 12284555077      | \$835.00    | 9/13/2007        | TAC           | 4              |                  | Moab, UT              | Communications     | Server          | 4/29/2015      |          |
| M01081     | R           | Computer               | Dell            | OptiPlex 755      | S    | 5GJTDG1                                    | 11884653649      | \$1,046.00  | 6/5/2008         | TAC           | 9              |                  | Grand Junction, CO    | S&K Office         | Basement        | 4/29/2015      |          |
| M01089     | A           | Computer               | Dell            | OptiPlex 755      | S    | JPJTDG1                                    | 42299140177      | \$1,046.00  | 6/5/2008         | TAC           | 4              |                  | Grand Junction, CO    | S&K Office         | Basement        | 4/29/2015      |          |
| M01100     | A           | Computer               | Dell            | OptiPlex 755      | S    | BPDTOG1                                    | 25479482401      | \$1,046.00  | 7/7/2008         | TAC           | 4              |                  | Grand Junction, CO    | S&K Office         | Basement        | 4/29/2015      |          |
| M01102     | E           | Computer               | Dell            | OptiPlex 755      | S    | 2PDTOG1                                    | 5888441377       | \$1,046.00  | 7/7/2008         | TAC           | 4              |                  | Grand Junction, CO    | S&K Office         | Basement        | 4/29/2015      |          |
| M01109     | A           | Server, FTP            | Dell            | E3110             | S    | DXHTCH1                                    | 30323476837      | \$2,399.00  | 8/29/2008        | TAC           | 4              |                  | Grand Junction, CO    | S&K Office         | Server          | 4/29/2015      |          |
| M01112     | A           | Server                 | Dell            | PE2950            | S    | 9Q2ZGH1                                    | 21168175141      | \$7,615.99  | 9/23/2008        | TAC           | 4              |                  | Grand Junction, CO    | S&K Office         | Server          | 4/29/2015      |          |
| M01145     | A           | Computer               | Dell            | OptiPlex 760      | S    | J9NCNK1                                    | 41942281537      | \$829.00    | 8/3/2009         | TAC           | 4              |                  | Grand Junction, CO    | S&K Office         | Basement        | 4/29/2015      |          |
| M01189     | A           | Laptop Computer        | Dell            | Latitude E6500    | S    | 36HHTK1                                    | 6922528993       | \$979.00    | 8/26/2009        | TAC           | 4              |                  | Grand Junction, CO    | S&K Office         | Basement        | 4/29/2015      |          |
| M01229     | A           | Computer               | Dell            | OptiPlex 780      | S    | JJTTL1                                     | 42557821957      | \$988.00    | 1/14/2010        | TAC           | 4              |                  | Moab, UT              | Conference         | Basement        | 4/29/2015      |          |
| M01230     | A           | Computer               | Dell            | OptiPlex 780      | S    | BJTTTL1                                    | 25143565269      | \$988.00    | 1/14/2010        | TAC           | 4              |                  | Crescent Junction, UT | Contractor         |                 | 4/29/2015      |          |
| M01261     | A           | Server                 | Dell            | PE R710           | S    | H83HSL1                                    |                  | \$5,399.00  | 6/15/2010        | DOE           | 4              |                  | Crescent Junction, UT | DOE                | Server          | 4/29/2015      |          |
| M01285     | A           | Computer               | Dell            | Studio XPS 9100   | S    | CLLNMN1                                    | 27427552093      | \$1,699.99  | 11/15/2010       | TAC           | 4              |                  | Grand Junction, CO    | S&K Office         | Bullpen         | 4/29/2015      |          |
| M01312     | A           | Server, GIS            | Dell            | PE R710           | S    | JCD3GQ1                                    |                  | \$8,656.36  | 5/26/2011        | TAC           | 4              |                  | Grand Junction, CO    | S&K Office         | Server          | 4/29/2015      |          |
| M01313     | A           | Tape Backup            | Overland        | NEO2000           | S    | 9B12000063                                 |                  | \$8,199.00  | 5/26/2011        | TAC           | 4              |                  | Grand Junction, CO    | S&K Office         | Server          | 4/29/2015      |          |
| M01314     | A           | Tape Backup            | Overland        | NEO2000           | S    | 9B12400048                                 |                  | \$7,840.02  | 6/22/2011        | TAC           | 4              |                  | Crescent Junction, UT | DOE                | Server          | 4/29/2015      |          |
| M01320     | A           | Server                 | Dell            | PE R710           | S    | FSZXWQ1                                    |                  | \$9,741.00  | 9/20/2011        | TAC           | 4              |                  | Moab, UT              | Communications     | Server          | 4/29/2015      |          |
| M01323     | A           | Server                 | Hewlett Packard | Proliant          | S    | USE907N5GH                                 |                  | \$1,160.00  | 1/1/2010         | DOE           | 4              |                  | Grand Junction, CO    | S&K Office         | Server          | 4/29/2015      |          |
| M01349     | A           | Server                 | Dell            | PE R720           | S    | 5JNFZV1                                    |                  | \$13,995.53 | 12/10/2012       | TAC           | 1              |                  | Grand Junction, CO    | S&K Office         | Server          | 4/29/2015      |          |
| M01353     | A           | Server                 | Dell            | PE R610           | S    | CTGLQW1                                    | 27902795617      | \$7,523.80  | 2/5/2013         | TAC           | 1              |                  | Grand Junction, CO    | S&K Office         | Server          | 4/29/2015      |          |
| M01359     | A           | Server                 | Dell            | PE R720           | S    | C1XSGX1                                    |                  | \$12,177.27 | 6/26/2013        | TAC           | 1              |                  | Grand Junction, CO    | S&K Office         | Server          | 4/29/2015      |          |
| M01365     | A           | Computer               | Dell            | OPTIPLEX 7010     | S    | BBBG6Y1                                    | 24628964905      | \$768.00    | 7/10/2013        | TAC           | 7              |                  | Grand Junction, CO    | S&K Office         | Bullpen         | 4/29/2015      |          |
| M01374     | A           | Computer               | Dell            | OPTIPLEX 7010     | S    | BBDD6Y1                                    | 24632184169      | \$768.00    | 7/10/2013        | TAC           | 1              |                  | Grand Junction, CO    | S&K Office         | Bookcliff Room  | 4/29/2015      |          |
| M01376     | A           | Computer               | Dell            | OPTIPLEX 7010     | S    | BBFF6Y1                                    | 24635636713      | \$768.00    | 7/10/2013        | TAC           | 1              |                  | Grand Junction, CO    | S&K Office         | Bullpen         | 4/29/2015      |          |
| M01384     | A           | Computer               | Dell            | OPTIPLEX 7010     | S    | BB9D6Y1                                    | 24625465705      | \$768.00    | 7/10/2013        | TAC           | 1              |                  | Grand Junction, CO    | S&K Office         | Bullpen         | 4/29/2015      |          |
| M01396     | A           | Laptop Computer        | Dell            | Latitude E5540    | S    | 5PPJXZ1                                    | 12438486973      | \$829.00    | 5/7/2014         | TAC           | 1              |                  | Grand Junction, CO    | S&K Office         | Bullpen         | 4/29/2015      |          |
| M01399     | A           | Server                 | Supermicro      | XEON E3           | S    | 01-SC82569-XX00C103-0                      | DPM1             | \$2,397.49  | 6/4/2014         | TAC           | 1              |                  | Grand Junction, CO    | S&K Office         | Server          | 4/29/2015      |          |
| M01400     | A           | Server                 | Supermicro      | XEON E3           | S    | 01-SC82569-XX00C103-0                      | DPM2             | \$2,397.49  | 6/4/2014         | TAC           | 1              |                  | Moab, UT              | Communications     | Server          | 4/29/2015      |          |
| M01401     | A           | Server                 | Supermicro      | XEON E3           | S    | 01-SC82569-XX00C103-0                      | DPM3             | \$2,397.49  | 6/4/2014         | TAC           | 1              |                  | Grand Junction, CO    | S&K Office         | Server          | 4/29/2015      |          |
| M01431     | A           | Computer               | Dell            | Precision T1700   | S    | 9X3RW12                                    | 21592764902      | \$834.75    | 6/27/2014        | TAC           | 1              |                  | Grand Junction, CO    | S&K Office         | Bullpen         | 4/29/2015      |          |
| M01485     | A           | Computer               | Dell            | Precision T1700   | S    | 9Y6RW12                                    | 21658269926      | \$834.75    | 6/27/2014        | TAC           | 1              |                  | Grand Junction, CO    | S&K Office         | Monument        | 4/29/2015      |          |
| M01493     | A           | Server                 | Supermicro      | XEON E3           | S    | 01-SC82569-XX00C104-0                      | HV05             | \$3,796.51  | 1/21/2015        | TAC           | 1              |                  | Moab, UT              | Communications     | Server          | 4/29/2015      |          |
| M01514     | A           | Laptop Computer        | Dell            | Latitude E5570    | S    | 3ZG9Q92                                    | 8673990950       | \$1,190.00  | 4/25/2016        | TAC           | 1              |                  | Grand Junction, CO    | S&K Office         | Bullpen         | 5/3/2016       |          |
| M01515     | A           | Server                 | Supermicro      | XEON E3           | S    | 01-SC82569-XX00C104-0                      | HV06             | \$4,581.28  | 5/3/2016         | TAC           | 1              |                  | Crescent Junction, UT | DOE                | Server          |                |          |
| M01536     | A           | Laptop Computer        | Dell            | Latitude E5570    | S    | 6NHQBQ2                                    | 14480516774      | \$1,190.00  | 5/16/2016        | TAC           | 1              |                  | Grand Junction, CO    | S&K Office         | Bullpen         | 5/3/2016       |          |
| M01570     | A           | Computer               | Dell            | Optiplex 7040     | S    | FKVHZC2                                    | 33913965602      | \$907.85    | 7/14/2016        | TAC           | 1              |                  | Grand Junction, CO    | S&K Office         |                 | 7/26/2016      |          |
| M01580     | A           | Server                 | Supermicro      | XEON E3           | S    | 01-SC82569-XX00C104-0                      | HV07             | \$4,479.00  | 6/6/2016         | TAC           | 1              |                  | Grand Junction, CO    | S&K Office         | Server          | 6/6/2016       |          |
| M01581     | A           | Computer               | Dell            | Optiplex 7040     | S    | FKVMZC2                                    | 33914198882      | \$907.85    | 7/14/2016        | TAC           | 1              |                  | Grand Junction, CO    | S&K Office         |                 | 7/26/2016      |          |
| M01582     | A           | Computer               | Dell            | Optiplex 7040     | S    | FKSLZC2                                    | 33909113378      | \$907.85    | 7/14/2016        | TAC           | 1              |                  | Grand Junction, CO    | S&K Office         |                 | 7/26/2016      |          |
| M01583     | A           | Computer               | Dell            | Optiplex 7040     | S    | FKDFZC2                                    | 33883639202      | \$907.85    | 7/14/2016        | TAC           | 1              |                  | Grand Junction, CO    | S&K Office         |                 | 7/26/2016      |          |
| M01584     | A           | Computer               | Dell            | Optiplex 7040     | S    | FJXDZC2                                    | 33856672034      | \$907.85    | 7/14/2016        | TAC           | 1              |                  | Grand Junction, CO    | S&K Office         |                 | 7/26/2016      |          |
| M01585     | A           | Computer               | Dell            | Latitude E5570    | S    | HPFNFC2                                    | 38543241314      | \$1,950.60  | 7/14/2016        | TAC           | 1              |                  | Grand Junction, CO    | S&K Office         |                 | 7/26/2016      |          |
| M01586     | A           | Computer               | Dell            | Latitude E5570    | S    | 9RVQFC2                                    | 21276928802      | \$1,950.60  | 7/14/2016        | TAC           | 1              |                  | Grand Junction, CO    | S&K Office         |                 | 7/26/2016      |          |
| S20216     | E           | Laptop Computer        | Dell            | INSPIRON 710M     | S    | C9NLK91                                    |                  | \$2,200.00  | 3/7/2006         | TAC           | 1              |                  | Grand Junction, CO    | S&K Office         | Basement        | 4/29/2015      |          |
| M01105     | A           | Computer               | Dell            | OptiPlex 755      | S    | HNDTOG1                                    | 38419244065      | \$1,046.00  | 7/7/2008         | RAC           | 4              |                  | Crescent Junction, UT | Contractor         | CAES            | 4/29/2015      |          |
| M01225     | A           | Computer               | Dell            | OptiPlex 780      | S    | 9JTTL1                                     | 20789998597      | \$988.00    | 1/14/2010        | RAC           | 4              |                  | Crescent Junction, UT | Contractor         | CAES            | 4/29/2015      |          |
| M01449     | A           | Computer               | Dell            | Precision T1700   | S    | 9XCQW12                                    | 21607834790      | \$834.75    | 6/27/2014        | RAC           | 4              |                  | Crescent Junction, UT | Contractor         |                 | 4/29/2015      |          |
| M01176     | A           | Computer               | Dell            | OptiPlex 760      | S    | 48NCNK1                                    | 9230080321       | \$829.00    | 8/3/2009         | TAC           | 4              |                  | Moab, UT              | Field Services Lab |                 | 4/29/2015      |          |
| M01183     | A           | Computer               | Dell            | OptiPlex 760      | S    | D5NCNK1                                    | 28639722817      | \$829.00    | 8/3/2009         | TAC           | 4              |                  | Moab, UT              | Project Support 2  |                 | 4/29/2015      |          |
| M01192     | A           | Scintillometer         | Delta Epsilon   | SC-133            | E    | 107  |                  | \$5,490.00  | 9/10/2009        | TAC           | 4              |                  | Moab, UT              | Field Services     |                 | 4/12/2012      |          |
| M01193     | A           | Scintillometer         | Delta Epsilon   | SC-133            | E    | 108  |                  | \$5,490.00  | 9/10/2009        | TAC           | 4              |                  | Moab, UT              | Field Services     |                 | 4/12/2012      |          |
| M01194     | A           | Scintillometer         | Delta Epsilon   | SC-133            | E    | 106  |                  | \$5,490.00  | 9/10/2009        | TAC           | 4              |                  | Moab, UT              | Field Services     |                 | 4/12/2012      |          |
| M01195     | A           | Scintillometer         | Delta Epsilon   | SC-133            | E    | 109  |                  | \$5,490.00  | 9/10/2009        | TAC           | 4              |                  | Moab, UT              | Field Services     |                 | 4/12/2012      |          |
| M01197     | E           | Evaporation System     | Landshark       | LS                | E    | 08ZB0055                                   |                  | \$22,400.00 | 9/24/2009        | TAC           | 4              |                  | Moab, UT              | Site               | Evap. Pond      | 7/16/2014      |          |

## Attachment J-8 - 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 | Condition Code | Disposition Code | Site                  | S1 Value (Bldg)       | S2 Value (Room) | Inventory Date | Comments |
|------------|-------------|-------------------------|-----------------------|-------------------|------|--|------------------|--------------|------------------|---------------|----------------|------------------|-----------------------|-----------------------|-----------------|----------------|----------|
| M01198     | E           | Evaporation System      | Landshark             | LS                | E    | 08ZB0066                                   |                  | \$22,400.00  | 10/13/2009       | TAC           | 4              |                  | Moab, UT              | Site                  | Evap. Pond      | 7/16/2014      |          |
| M01311     | A           | ATV                     | Polaris               | Ranger Crew 800   | E    | 4XATY76A0B2245054                          |                  | \$15,332.00  | 5/9/2011         | TAC           | 4              |                  | Moab, UT              | Maintenance Tent      |                 | 4/29/2015      |          |
| M01382     | A           | Computer                | Dell                  | OPTIPLEX 7010     | S    | BBDG6Y1                                    | 24632324137      | \$768.00     | 7/10/2013        | TAC           | 1              |                  | Moab, UT              | Field Services Lab    |                 | 4/29/2015      |          |
| M01383     | A           | Computer                | Dell                  | OPTIPLEX 7010     | S    | BBFG6Y1                                    | 24635683369      | \$768.00     | 7/10/2013        | TAC           | 4              |                  | Moab, UT              | Field Services        |                 | 4/29/2015      |          |
| M01531     | A           | Data Phone              | Samsung               | Galaxy S6         | S    | 990007044297114                            | 9704243846       | \$99.99      | 5/9/2016         | TAC           | 1              |                  | Moab, UT              | Field Services        |                 | 5/9/2016       |          |
| M01587     | A           | Tractor                 | John Deere            | 4066R             | E    | 1L4066REGG400560                           |                  | \$40,347.00  | 8/3/2016         | TAC           | 4              |                  | Moab, UT              | Maintenance Tent      |                 |                |          |
| S15846     | A           | Detector, 4000CC        | Geotech               | ATV-LX            | E    | 1  |                  | \$20,000.00  | 3/14/1997        | TAC           | 4              |                  | Moab, UT              | Sealand               |                 | 4/29/2015      |          |
| S15848     | A           | Detector, 4000CC        | Geotech               | ATV-LX            | E    | 3  |                  | \$20,000.00  | 3/14/1997        | TAC           | 4              |                  | Moab, UT              | Sealand               |                 | 4/29/2015      |          |
| S18600     | A           | GPS Data Collector      | Trimble               | PRO XR            | S    | 220182833                                  |                  | \$11,411.00  | 11/10/1999       | TAC           | 4              |                  | Moab, UT              | Field Services Lab    |                 | 4/29/2015      |          |
| S19804     | A           | Laptop Computer         | Fujitsu               | ST5021D-          | S    | R5202973                                   |                  | \$2,800.00   | 2/14/2005        | TAC           | 4              |                  | Moab, UT              | Field Services Lab    |                 | 4/29/2015      |          |
| S19805     | A           | Laptop Computer         | Fujitsu               | ST5021D-          | S    | R5202974                                   |                  | \$2,800.00   | 2/14/2005        | TAC           | 4              |                  | Moab, UT              | Field Services Lab    |                 | 4/29/2015      |          |
| S20219     | A           | ATV                     | Yamaha                | YXR666FAVGR-      | E    | 5Y4AM04Y46A025423                          |                  | \$8,389.00   | 3/14/2006        | TAC           | 4              |                  | Moab, UT              | Site                  |                 | 4/12/2012      |          |
| S20227     | A           | Pocket PC               | Trimble               | GEO XT            | S    | 4612456178                                 |                  | \$7,000.00   | 3/30/2006        | TAC           | 4              |                  | Moab, UT              | Field Services        |                 | 4/29/2015      |          |
| S20296     | A           | ATV                     | Yamaha                | YXR666FAVGR-      | E    | 5Y4AM04Y06A027668                          |                  | \$8,220.00   | 6/30/2006        | TAC           | 4              |                  | Moab, UT              | Atlas Bldg.           |                 | 4/12/2012      |          |
| S20298     | A           | Geoprobe                | Geoprobe Systems      | M66DT             | E    | 99110T66                                   |                  | \$45,000.00  | 12/6/2005        | TAC           | 4              |                  | Moab, UT              | Site                  |                 | 4/12/2012      |          |
| S20466     | A           | Computer                | Dell                  | 745               | S    | VC2P9C1                                    |                  | \$2,200.00   | 1/16/2007        | TAC           | 4              |                  | Moab, UT              | Field Services Lab    |                 | 4/29/2015      |          |
| M01414     | A           | Computer                | Dell                  | Precision T1700   | S    | 9XSQW12                                    | 21634708646      | \$834.75     | 6/27/2014        | DOE           | 4              |                  | Moab, UT              | DOE                   |                 | 4/29/2015      |          |
| M01420     | A           | Computer                | Dell                  | Precision T1700   | S    | 9WZRW12                                    | 21586046438      | \$834.75     | 6/27/2014        | DOE           | 4              |                  | Moab, UT              | DOE                   | DOE/TAC         | 4/29/2015      |          |
| M01443     | A           | Computer                | Dell                  | Precision T1700   | S    | 9XGRW12                                    | 21614599910      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Crescent Junction, UT | Maintenance           |                 | 4/29/2015      |          |
| M01370     | A           | Computer                | Dell                  | OPTIPLEX 7010     | S    | BBDF6Y1                                    | 24632277481      | \$768.00     | 7/10/2013        | TAC           | 1              |                  | Grand Junction, CO    | S&K Office            | DOE Hall        | 4/29/2015      |          |
| M01487     | A           | Computer                | Dell                  | Precision T1700   | S    | 9Y9RW12                                    | 21663308774      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Administrative        |                 | 4/29/2015      |          |
| M01412     | A           | Computer                | Dell                  | Precision T1700   | S    | 9YOSW12                                    | 21648238886      | \$834.75     | 6/27/2014        | RAC           | 1              |                  | Moab, UT              | Access Control        |                 | 4/29/2015      |          |
| C2843      | A           | Bulldozer               | Caterpillar           | D-6               | E    | 9U7658                                     |                  | \$11,359.00  | 1/1/1956         | RAC           | 7              |                  | Moab, UT              | Site                  |                 | 4/12/2012      |          |
| M01059     | A           | Vehicle                 | Dodge                 | 1988 Ram 2500     | E    | 1B7HW24XXJS729562                          | E71378           | \$2,000.00   | 1/1/1988         | RAC           | 4              |                  | Crescent Junction, UT | Site                  |                 | 4/13/2012      |          |
| M01114     | A           | Power Washer            | Landa                 | HHW 4/4000        | E    | 11100470-100036                            | 109FS12231U021   | \$10,360.00  | 10/14/2008       | RAC           | 4              |                  | Moab, UT              | Site                  | Decon Pad       | 8/7/2013       |          |
| M01201     | A           | Compactor               | Caterpillar           | 825H              | E    | JAZW00213                                  |                  | \$405,000.00 | 10/13/2009       | RAC           | 4              |                  | Crescent Junction, UT | Site                  |                 | 4/13/2012      |          |
| M01202     | A           | Bulldozer               | Komatsu               | D275AX-E0         | E    | 30101                                      |                  | \$570,000.00 | 10/27/2009       | RAC           | 4              |                  | Crescent Junction, UT | Site                  |                 | 4/13/2012      |          |
| M01241     | A           | Truck Ramp              | Pacific Central Steel | NMN               | E    | NSN  |                  | \$15,385.00  | 3/12/2010        | RAC           | 4              |                  | Crescent Junction, UT | Site                  | Cell            | 4/13/2012      |          |
| M01242     | A           | Truck Ramp              | Pacific Central Steel | NMN               | E    | NSN  |                  | \$15,385.00  | 3/12/2010        | RAC           | 4              |                  | Crescent Junction, UT | Site                  | Cell            | 4/13/2012      |          |
| M01243     | A           | Steam Cleaner Shelter   | Pacific Central Steel | NMN               | E    | NSN  |                  | \$22,917.00  | 3/12/2010        | RAC           | 4              |                  | Crescent Junction, UT | Site                  | Cell            | 4/13/2012      |          |
| M01244     | A           | Steam Cleaner Shelter   | Pacific Central Steel | NMN               | E    | NSN  |                  | \$22,917.00  | 3/12/2010        | RAC           | 4              |                  | Crescent Junction, UT | Site                  | Cell            | 4/13/2012      |          |
| M01245     | A           | Steam Cleaner Shelter   | Pacific Central Steel | NMN               | E    | NSN  |                  | \$22,917.00  | 3/12/2010        | RAC           | 4              |                  | Crescent Junction, UT | Site                  | Cell            | 4/13/2012      |          |
| M01254     | A           | Truck Ramp              | Pacific Central Steel | NMN               | E    | NSN  |                  | \$15,385.00  | 4/29/2010        | RAC           | 4              |                  | Crescent Junction, UT | Site                  | Cell            | 4/13/2012      |          |
| M01255     | A           | Truck Ramp              | Pacific Central Steel | NMN               | E    | NSN  |                  | \$15,385.00  | 4/29/2010        | RAC           | 4              |                  | Crescent Junction, UT | Site                  | Cell            | 4/13/2012      |          |
| M01260     | A           | Pump, 4" Trash          | Gorman Rupp           | PA4A60-4045D      | E    | PE4045D459393                              | 1323469          | \$11,058.98  | 1/1/2009         | RAC           | 4              |                  | Moab, UT              | Site                  |                 | 7/16/2014      |          |
| M01262     | A           | Personnel Shelter       | Pacific Central Steel | NMN               | E    | NSN  |                  | \$22,917.00  | 2/5/2010         | RAC           | 4              |                  | Crescent Junction, UT | Site                  | Cell            | 4/13/2012      |          |
| M01263     | A           | Personnel Shelter       | Pacific Central Steel | NMN               | E    | NSN  |                  | \$22,917.00  | 2/5/2010         | RAC           | 4              |                  | Crescent Junction, UT | Site                  | Cell            | 4/13/2012      |          |
| M01264     | A           | Personnel Shelter       | Pacific Central Steel | NMN               | E    | NSN  |                  | \$22,917.00  | 2/5/2010         | RAC           | 4              |                  | Crescent Junction, UT | Site                  | Cell            | 4/13/2012      |          |
| M01269     | A           | Light Tower             | Wacker Neuson         | LTN6L             | E    | 5923880                                    |                  | \$7,552.58   | 8/31/2010        | RAC           | 4              |                  | Moab, UT              | Site                  |                 | 4/12/2012      |          |
| M01270     | A           | Light Tower             | Wacker Neuson         | LTN6L             | E    | 5923879                                    |                  | \$7,552.58   | 8/31/2010        | RAC           | 4              |                  | Moab, UT              | Site                  |                 | 8/7/2013       |          |
| M01271     | A           | Generator               | Wacker                | MET2E7            | E    | 5563348                                    | 85 KVA           | \$15,250.00  | 8/25/2010        | RAC           | 4              |                  | Moab, UT              | Site                  | Evap. Pond      | 4/12/2012      |          |
| M01293     | A           | Wireless Data Assistant | Motorola              | MC70 EDA          | S    | 10149520801739                             |                  | \$1,645.22   | 1/10/2011        | RAC           | 4              |                  | Crescent Junction, UT | Contractor            |                 | 4/29/2015      |          |
| M01294     | A           | Backhoe                 | Caterpillar           | 416               | E    | 59CO8820                                   |                  | \$15,000.00  | 1/1/2002         | RAC           | 4              |                  | Crescent Junction, UT | Site                  |                 | 4/13/2012      |          |
| M01302     | A           | Welder                  | Miller                | Vantage 400       | E    | LK500115H                                  |                  | \$10,644.54  | 2/1/2009         | RAC           | 4              |                  | Moab, UT              | Site                  |                 | 4/12/2012      |          |
| M01319     | A           | Wireless Data Assistant | Motorola              | MC75 EDA          | S    | 11130522500851                             |                  | \$1,655.29   | 6/30/2011        | RAC           | 4              |                  | Moab, UT              | Support               |                 | 4/29/2015      |          |
| M01327     | A           | Heater                  | Allmand               | MH500             | E    | 0254MXH08                                  |                  | \$16,500.00  | 3/23/2010        | RAC           | 4              |                  | Moab, UT              | Site                  |                 | 8/7/2013       |          |
| M01340     | A           | Air Compressor          | Sullivan              | D210Q             | E    | 303032                                     |                  | \$3,500.00   | 1/1/1999         | RAC           | 4              |                  | Moab, UT              | Site                  |                 | 4/12/2012      |          |
| M01348     | A           | Power Washer            | Landa                 | HHW 5/5000        | E    | 1212-161984                                | 109FS102XCU02    | \$15,382.00  | 12/11/2012       | RAC           | 1              |                  | Moab, UT              | Site                  |                 | 12/12/2012     |          |
| M01385     | A           | Forklift                | Hyster                | H155XL            | E    | F006D05620X                                |                  | \$12,000.00  | 1/1/2009         | RAC           | 4              |                  | Moab, UT              | Site                  |                 | 7/22/2013      |          |
| M01423     | A           | Computer                | Dell                  | Precision T1700   | S    | 9XCWS12                                    | 21607928102      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Crescent Junction, UT | Administrative        |                 | 4/29/2015      |          |
| M01437     | A           | Computer                | Dell                  | Precision T1700   | S    | 9XZQW12                                    | 21646465985      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Administrative        | Guest           | 4/29/2015      |          |
| M01446     | A           | Computer                | Dell                  | Precision T1700   | S    | 9XFRW12                                    | 21612920294      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Crescent Junction, UT | Contractor            | NE Office       | 4/29/2015      |          |
| M01450     | A           | Computer                | Dell                  | Precision T1700   | S    | 9X6QW12                                    | 21597757094      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Queue Project Support |                 | 4/29/2015      |          |
| M01459     | A           | Computer                | Dell                  | Precision T1700   | S    | 9X7RW12                                    | 21599483366      | \$834.75     | 6/27/2014        | RAC           | 1              |                  | Moab, UT              | Administrative        |                 | 4/29/2015      |          |
| M01481     | A           | Computer                | Dell                  | Precision T1700   | S    | 9XYQW12                                    | 21644786342      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Crescent Junction, UT | Contractor            |                 | 4/29/2015      |          |
| M01497     | A           | Vehicle                 | Chevrolet             | Suburban          | E    | 1GNFK16T61J291005                          | E22819           | \$5,000.00   | 1/1/2001         | RAC           | 4              |                  | Crescent Junction, UT | Site                  |                 | 5/1/2015       |          |
| M01527     | A           | Data Phone              | Samsung               | Galaxy S6         | S    | 990007044023577                            | 9704244357       | \$99.99      | 5/9/2016         | RAC           | 1              |                  | Crescent Junction, UT | Administrative        |                 | 5/9/2016       |          |
| M01588     | A           | Manlift                 | JLG                   | 600S              | E    | 300104869                                  |                  | \$22,260.00  | 8/9/2016         | RAC           | 4              |                  | Moab, UT              | Site                  |                 |                |          |
| S12292     | A           | Mule                    | Kawasaki              | KAF300A1          | E    | JK1AFBA16MB501596                          |                  | \$3,409.00   | 7/16/1992        | RAC           | 4              |                  | Crescent Junction, UT | Site                  |                 | 4/13/2012      |          |

## Attachment J-8 - 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 | Condition Code | Disposition Code | Site                  | S1 Value (Bldg)          | S2 Value (Room)  | Inventory Date | Comments |
|------------|-------------|------------------------|-----------------------|-----------------------|------|--|------------------|--------------|------------------|---------------|----------------|------------------|-----------------------|--------------------------|--|----------------|----------|
| S12379     | A           | Mule                   | Kawasaki              | KAF300A1              | E    | JK1AFBA15MB503145                          |                  | \$10,886.00  | 7/16/1992        | RAC           | 4              |                  | Moab, UT              | Site                     |  | 4/12/2012      |          |
| S12582     | A           | Mule                   | Kawasaki              | KAF300A1              | E    | JK1AFBA15MB503906                          |                  | \$3,409.00   | 9/1/1992         | RAC           | 4              |                  | Moab, UT              | Site                     |  | 4/12/2012      |          |
| S17803     | A           | Trailer, Office        | Elder                 | 8' X 25'              | E    | BT5825 LIC. E22790                         |                  | \$9,250.00   | 12/7/1998        | RAC           | 7              |                  | Crescent Junction, UT | Site                     |  | 8/7/2013       |          |
| S20321     | A           | Air Compressor         | Ingersoll-Rand        | 2545                  | E    | 601110239                                  |                  | \$14,958.98  | 7/10/2006        | RAC           | 4              |                  | Moab, UT              | Atlas Bldg..             |  | 4/29/2015      |          |
| S20409     | A           | Truck, Water 4000 gal  | Mack                  | 600 RD 600            | E    | 1M2P324CXYM049809                          |                  | \$85,000.00  | 1/1/2000         | RAC           | 4              |                  | Crescent Junction, UT | Site                     |  | 8/7/2013       |          |
| S20458     | A           | Pump                   | Power Pump            | DV100                 | E    | 110887                                     |                  | \$29,760.00  | 1/23/2007        | RAC           | 4              |                  | Moab, UT              | Site                     | Pond   | 4/12/2012      |          |
| M01367     | A           | Computer               | Dell                  | OPTIPLEX 7010         | S    | BBGF6Y1                                    | 24637316329      | \$768.00     | 7/10/2013        | TAC           | 1              |                  | Grand Junction, CO    | S&K Office               | Bullpen  | 4/29/2015      |          |
| M01452     | A           | Computer               | Dell                  | Precision T1700       | S    | 9XDSW12                                    | 21609607718      | \$834.75     | 6/27/2014        | TAC           | 4              |                  | Grand Junction, CO    | S&K Office               | Records  | 4/29/2015      |          |
| M01366     | A           | Computer               | Dell                  | OPTIPLEX 7010         | S    | BB9G6Y1                                    | 24625605673      | \$768.00     | 7/10/2013        | TAC           | 1              |                  | Grand Junction, CO    | S&K Office               | Bullpen  | 4/29/2015      |          |
| M01362     | A           | Computer               | Dell                  | OPTIPLEX 7010         | S    | BB7D6Y1                                    | 24622106473      | \$895.00     | 7/10/2013        | TAC           | 1              |                  | Grand Junction, CO    | S&K Office               | Bullpen  | 4/29/2015      |          |
| M01209     | A           | Meteorological Station | Campbell Scientific   | CR1000                | E    | 21349                                      |                  | \$7,307.48   | 6/9/2009         | RAC           | 4              |                  | Crescent Junction, UT | Site                     | N of Admin Area  | 4/13/2012      |          |
| M01406     | A           | Computer               | Dell                  | Precision T1700       | S    | 9Y8RW12                                    | 21661629158      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Project Support 1        |  | 4/29/2015      |          |
| M01407     | A           | Computer               | Dell                  | Precision T1700       | S    | 9XZRW12                                    | 21646512614      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Grand Junction, CO    | Portage Office           | Suite 319  | 4/29/2015      |          |
| M01520     | A           | Data Phone             | Samsung               | Galaxy S6             | S    | 990007044024500                            | 9709856257       | \$99.99      | 5/9/2016         | RAC           | 1              |                  | Moab, UT              | Project Support 1        |  | 5/9/2016       |          |
| S18894     | A           | Meteorological Station | Campbell              | CR23X                 | E    |  |                  | \$5,812.00   | 9/6/2005         | RAC           | 4              |                  | Moab, UT              | Site                     | 100 feet north of the Moab project Administrative office | 4/29/2015      |          |
| S19947     | A           | Meteorological Station | Campbell              | CR23X                 | E    |  |                  | \$5,812.00   | 9/6/2005         | RAC           | 4              |                  | Crescent Junction, UT | NE of the I-70 rest stop |  | 4/13/2012      |          |
| M01475     | A           | Computer               | Dell                  | Precision T1700       | S    | 9XVQW12                                    | 21639747494      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Project Support 2        |  | 4/29/2015      |          |
| M01461     | A           | Computer               | Dell                  | Precision T1700       | S    | 9XBSW12                                    | 21606248486      | \$834.75     | 6/27/2014        | TAC           | 4              |                  | Moab, UT              | Field Services           |  | 4/29/2015      |          |
| M01519     | A           | Data Phone             | Samsung               | Galaxy S6             | S    | 990007044146642                            | 9709883014       | \$99.99      | 5/9/2016         | TAC           | 1              |                  | Moab, UT              | Field Services           |  | 5/9/2016       |          |
| M01062     | A           | Vehicle                | Chevrolet             | 1990 Blazer 1500      | E    | 1GNEV18KXMF139890                          | E71566           | \$2,500.00   | 1/1/1990         | RAC           | 4              |                  | Moab, UT              | Site                     | CA   | 8/7/2013       |          |
| M01119     | A           | Container Rack         | Pacific Central Steel | NMN                   | E    | NSN  |                  | \$13,275.00  | 3/1/2009         | RAC           | 4              |                  | Moab, UT              | Site                     | CA   | 4/29/2015      |          |
| M01120     | A           | Container Rack         | Pacific Central Steel | NMN                   | E    | NSN  |                  | \$13,275.00  | 3/1/2009         | RAC           | 4              |                  | Moab, UT              | Site                     | CA   | 4/29/2015      |          |
| M01212     | A           | Laptop Computer        | Panasonic             | CF30                  | S    | 9FKYA62226                                 | Toughbook        | \$3,250.00   | 12/29/2009       | RAC           | 4              |                  | Moab, UT              | Project Support 2        |  | 4/29/2015      |          |
| M01259     | A           | Vehicle                | Chevrolet             | Blazer                | E    | 1GNDT13W12K224388                          |                  | \$18,896.09  | 1/1/2002         | RAC           | 4              |                  | Moab, UT              | Site                     | CA   | 4/13/2012      |          |
| M01295     | A           | Vehicle                | Chevrolet             | Suburban 1993         | E    | 1GN GK26N4PJ349620                         | E303611          | \$3,800.00   | 2/1/2011         | RAC           | 4              |                  | Moab, UT              | Site                     | CA   | 8/7/2013       |          |
| M01296     | A           | Light Tower            | Magnum                | 3080                  | E    | 0904434                                    | 01-18            | \$10,080.00  | 12/21/2010       | RAC           | 4              |                  | Moab, UT              | Site                     | CA   | 4/13/2012      |          |
| M01297     | A           | Light Tower            | Magnum                | 3080                  | E    | 0904435                                    | 01-19            | \$10,080.00  | 12/21/2010       | RAC           | 4              |                  | Moab, UT              | Site                     | CA   | 4/13/2012      |          |
| M01298     | A           | Light Tower            | Magnum                | 3080                  | E    | 0900154                                    | 01-14            | \$10,080.00  | 12/21/2010       | RAC           | 4              |                  | Moab, UT              | Site                     | Scale House  | 4/13/2012      |          |
| M01299     | A           | Light Tower            | Magnum                | 3080                  | E    | 0904433                                    | 01-17            | \$10,080.00  | 12/21/2010       | RAC           | 4              |                  | Moab, UT              | Site                     | Load out   | 4/13/2012      |          |
| M01417     | A           | Computer               | Dell                  | Precision T1700       | S    | 9XYRW12                                    | 21644832998      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Project Support 2        |  | 4/29/2015      |          |
| M01418     | A           | Computer               | Dell                  | Precision T1700       | S    | 9Y7RW12                                    | 21659949542      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Project Support 2        |  | 4/29/2015      |          |
| M01421     | A           | Computer               | Dell                  | Precision T1700       | S    | 9Y0QW12                                    | 21648145574      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Maintenance              |  | 4/29/2015      |          |
| M01424     | A           | Computer               | Dell                  | Precision T1700       | S    | 9Y9SW12                                    | 21663355430      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Project Support 2        |  | 4/29/2015      |          |
| M01469     | A           | Computer               | Dell                  | Precision T1700       | S    | 9XFPW12                                    | 21612826982      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Project Support 2        |  | 4/29/2015      |          |
| M01472     | A           | Computer               | Dell                  | Precision T1700       | S    | 9X3QW12                                    | 21592718246      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Project Support 2        |  | 4/29/2015      |          |
| M01490     | A           | Vehicle                | Chevrolet             | Tahoe                 | E    | 1GNEK13Z06J122612                          |                  | \$23,612.79  | 1/1/2005         | RAC           | 4              |                  | Moab, UT              | Site                     | CA   | 8/4/2014       |          |
| M01492     | A           | Vehicle                | Dodge                 | Durango               | E    | 1B4HS48Z02F154860                          |                  | \$4,900.00   | 1/1/2002         | RAC           | 4              |                  | Moab, UT              | Site                     | CA   |                |          |
| M01498     | A           | Articulated Truck      | Komatsu               | HM350                 | E    | 2063                                       |                  | \$160,000.00 | 1/1/2006         | RAC           | 4              |                  | Moab, UT              | Site                     | CA   |                |          |
| M01499     | A           | Articulated Truck      | Komatsu               | HM350                 | E    | A11100                                     |                  | \$220,000.00 | 1/1/2009         | RAC           | 4              |                  | Moab, UT              | Site                     | CA   |                |          |
| M01500     | A           | Articulated Truck      | Komatsu               | HM350                 | E    | A11097                                     |                  | \$220,000.00 | 1/1/2009         | RAC           | 4              |                  | Moab, UT              | Site                     | CA   |                |          |
| M01501     | A           | Excavator              | Komatsu               | PC400                 | E    | A88159                                     |                  | \$135,000.00 | 1/1/2008         | RAC           | 4              |                  | Moab, UT              | Site                     | CA   |                |          |
| M01502     | A           | Truck                  | Chevrolet             | 1500                  | E    | 1GCEK19TX4E289349                          |                  | \$3,000.00   | 1/1/2004         | RAC           | 4              |                  | Moab, UT              | Site                     | CA   |                |          |
| M01503     | A           | Truck                  | Ford                  | F150                  | E    | 1FTRW08LX3KC46633                          |                  | \$4,000.00   | 1/1/2003         | RAC           | 4              |                  | Moab, UT              | Site                     | CA   |                |          |
| M01530     | A           | Data Phone             | Samsung               | Galaxy S6             | S    | 990007044024419                            | 9705892661       | \$99.99      | 5/9/2016         | RAC           | 1              |                  | Moab, UT              | Project Support 2        |  | 5/9/2016       |          |
| M01547     | A           | Truck, Flat Bed        | Ford                  | F550                  | E    | 1FDAF56F8YEC89487                          |                  | \$13,000.00  | 1/1/2000         | RAC           | 4              |                  | Moab, UT              | Site                     | Queue  | 6/1/2016       |          |
| M01548     | A           | Frontend Loader        | Komatsu               | WA500                 | E    | A92649                                     |                  | \$150,000.00 | 1/1/2009         | RAC           | 4              |                  | Moab, UT              | Site                     | CA   | 6/6/2016       |          |
| M01549     | A           | Truck, Lube            | Kenworth              | T800                  | E    | 1XKDDU9X81R872831                          |                  | \$65,000.00  | 1/1/2001         | RAC           | 4              |                  | Moab, UT              | Site                     | CA   | 6/6/2016       |          |
| M01550     | A           | Truck, Mechanic        | Ford                  | F650                  | E    | 3FRWF65R27V489332                          |                  | \$57,500.00  | 1/1/2007         | RAC           | 4              |                  | Moab, UT              | Site                     | CA   | 6/6/2016       |          |
| M01551     | A           | Motor Grader           | Caterpillar           | 140H                  | E    | CAT0140HA CCA02241                         |                  | \$136,875.00 | 1/1/2006         | RAC           | 4              |                  | Moab, UT              | Site                     | CA   | 6/6/2016       |          |
| M01552     | A           | Truck, Water 4000 gal  | Peterbilt             | 2007 Conventional 335 | E    | 2NPLLD0X47M676305                          |                  | \$60,000.00  | 1/1/2007         | RAC           | 4              |                  | Moab, UT              | Site                     | CA   | 6/6/2016       |          |
| M01553     | A           | Truck, Water 4000 gal  | Kenworth              | T-800                 | E    | 1XKDD99X1RS636393                          |                  | \$25,000.00  | 1/1/2001         | RAC           | 4              |                  | Moab, UT              | Site                     | CA   | 6/6/2016       |          |
| M01554     | A           | Truck, Haul w/ Trailer | Sterling              | LT-9500               | E    | 2FWJAZCK59AAK2585                          |                  | \$45,211.00  | 1/1/2009         | RAC           | 4              |                  | Moab, UT              | Site                     | CA   | 6/6/2016       |          |
| M01555     | A           | Truck, Haul w/ Trailer | Sterling              | LT-9500               | E    | 2FWJAZCK59AAK2589                          |                  | \$45,211.00  | 1/1/2009         | RAC           | 4              |                  | Moab, UT              | Site                     | CA   | 6/6/2016       |          |
| M01556     | A           | Truck, Haul w/ Trailer | Sterling              | LT-9500               | E    | 2FWJAZCK59AAK2588                          |                  | \$45,211.00  | 1/1/2009         | RAC           | 4              |                  | Moab, UT              | Site                     | CA   | 6/6/2016       |          |
| M01557     | A           | Truck, Haul w/ Trailer | Sterling              | LT-9500               | E    | 2FWJAZCK59AAK2583                          |                  | \$45,211.00  | 1/1/2009         | RAC           | 4              |                  | Moab, UT              | Site                     | CA   | 6/6/2016       |          |
| M01558     | A           | Truck, Haul w/ Trailer | Sterling              | LT-9500               | E    | 2FWJAZCK59AAK2582                          |                  | \$45,211.00  | 1/1/2009         | RAC           | 4              |                  | Moab, UT              | Site                     | CA   | 6/6/2016       |          |
| M01559     | A           | Truck, Haul w/ Trailer | Sterling              | LT-9500               | E    | 2FWJAZCK59AAK2587                          |                  | \$45,211.00  | 1/1/2009         | RAC           | 4              |                  | Moab, UT              | Site                     | CA   | 6/6/2016       |          |
| M01560     | A           | Excavator              | Komatsu               | PC400                 | E    | A87369                                     |                  | \$160,000.00 | 1/1/2006         | RAC           | 4              |                  | Moab, UT              | Site                     | CA   | 6/6/2016       |          |
| M01561     | A           | Tractor                | Caterpillar           | MT965                 | E    | C0965LNTTF1033                             |                  | \$170,000.00 | 1/1/2008         | RAC           | 4              |                  | Moab, UT              | Site                     | CA   | 6/6/2016       |          |

## Attachment J-8 - 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 | Condition Code | Disposition Code | Site                  | S1 Value (Bldg)       | S2 Value (Room) | Inventory Date | Comments |
|------------|-------------|----------------------------|---------------|-----------------------|------|--|------------------|--------------|------------------|---------------|----------------|------------------|-----------------------|-----------------------|-----------------|----------------|----------|
| M01562     | A           | Bulldozer                  | Caterpillar   | D6T                   | E    | KJL00851                                   |                  | \$115,000.00 | 1/1/2008         | RAC           | 4              |                  | Moab, UT              | Site                  | CA              | 6/6/2016       |          |
| M01563     | A           | Bulldozer                  | Caterpillar   | D7R                   | E    | CAT00D7RK ABJ01721                         |                  | \$280,000.00 | 1/1/2009         | RAC           | 4              |                  | Moab, UT              | Site                  | CA              | 6/6/2016       |          |
| M01564     | A           | Disc                       | Rome          | TRCH16                | E    | 8TRCH657                                   |                  | \$17,500.00  | 1/1/2008         | RAC           | 4              |                  | Moab, UT              | Site                  | CA              | 6/6/2016       |          |
| M01565     | A           | Truck, Mechanic            | Ford          | F550                  | E    | 1FDAF56F3XEC23914                          |                  | \$22,500.00  | 1/1/1999         | RAC           | 4              |                  | Moab, UT              | Site                  | CA              | 6/6/2016       |          |
| M01566     | A           | Truck, Water 4000 gal      | Peterbilt     | 2007 Conventional 335 | E    | 2NPLLD0X47M676306                          |                  | \$60,000.00  | 1/1/2007         | RAC           | 4              |                  | Moab, UT              | Site                  | CA              | 6/6/2016       |          |
| M01567     | A           | Truck, Water 4000 gal      | International | 1995 9200             | E    | 2HSFMAHR1SC03078                           |                  | \$18,000.00  | 1/1/1995         | RAC           | 4              |                  | Moab, UT              | Site                  | CA              | 6/6/2016       |          |
| M01568     | A           | Truck, Haul w/ Trailer     | Sterling      | 2009 LT-9500          | E    | 2FWJAZCK59AAK2586                          |                  | \$45,211.00  | 1/1/2009         | RAC           | 4              |                  | Moab, UT              | Site                  | CA              | 6/6/2016       |          |
| M01569     | R           | Excavator                  | Caterpillar   | 336FL                 | E    | CAT0336FVRKB01682                          |                  |              | 7/7/2016         | RAC           | 4              |                  | Moab, UT              | Site                  | CA              | 7/25/2016      |          |
| S19607     | A           | Truck, Water 4000 gal      | Peterbilt     | 1989 Conventional 377 | E    | 1XPCD29X3KD283999                          |                  | \$32,750.00  | 11/4/2002        | RAC           | 4              |                  | Moab, UT              | Site                  | CA              | 4/12/2012      |          |
| M01402     | A           | Laptop Computer            | Dell          | Latitude 15 5000      | S    | CWLDRD12                                   | 28092854198      | \$870.57     | 6/11/2014        | RAC           | 4              |                  | Moab, UT              | Atlas                 |                 | 4/29/2015      |          |
| M01410     | A           | Computer                   | Dell          | Precision T1700       | S    | 9Y1RW12                                    | 21649871846      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Project 1             |                 | 4/29/2015      |          |
| M01529     | A           | Data Phone                 | Samsung       | Galaxy S6             | S    | 990007044399233                            | 5054127983       | \$99.99      | 5/9/2016         | RAC           | 1              |                  | Moab, UT              | Project Support 1     |                 | 5/9/2016       |          |
| M01478     | A           | Computer                   | Dell          | Precision T1700       | S    | 9XJRW12                                    | 21619638758      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Queue Project Support |                 | 4/29/2015      |          |
| M01363     | A           | Computer                   | Dell          | OPTIPLEX 7010         | S    | BB7F6Y1                                    | 24622199785      | \$895.00     | 7/10/2013        | TAC           | 4              |                  | Grand Junction, CO    | S&K Office            | Bullpen         | 4/29/2015      |          |
| M01456     | A           | Computer                   | Dell          | Precision T1700       | S    | 9Y8SW12                                    | 21661675814      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Access Control        |                 | 4/29/2015      |          |
| M01233     | A           | Laptop Computer            | Dell          | Inspiron 1011         | S    | 3D3G4L1                                    | 7322198581       | \$534.00     | 1/21/2010        | TAC           | 4              |                  | Grand Junction, CO    | S&K Office            | Hall Office     | 4/29/2015      |          |
| M01371     | A           | Computer                   | Dell          | OPTIPLEX 7010         | S    | BBCF6Y1                                    | 24630597865      | \$768.00     | 7/10/2013        | TAC           | 1              |                  | Grand Junction, CO    | S&K Office            | Hall Office     | 4/29/2015      |          |
| M01524     | A           | Data Phone                 | Samsung       | Galaxy S6             | S    | 990007044310263                            | 9705892430       | \$99.99      | 5/9/2016         | TAC           | 1              |                  | Grand Junction, CO    | S&K Office            | Hall Office     | 5/9/2016       |          |
| M01380     | A           | Computer                   | Dell          | OPTIPLEX 7010         | S    | BB8F6Y1                                    | 24623879401      | \$768.00     | 7/10/2013        | TAC           | 1              |                  | Moab, UT              | Project Support 2     |                 | 4/29/2015      |          |
| M01471     | A           | Computer                   | Dell          | Precision T1700       | S    | 9X4RW12                                    | 21594444518      | \$834.75     | 6/27/2014        | TAC           | 1              |                  | Moab, UT              | Project Support 2     |                 | 4/29/2015      |          |
| M01491     | A           | Hillside Monitoring System | Reutech       | MSR 120RM             | E    | 011  |                  | \$298,750.00 | 1/19/2015        | TAC           | 1              |                  | Moab, UT              | Site                  | Queue           |                |          |
| M01495     | A           | Laptop Computer            | Dell          | Latitude 15 5000      | S    | 4NZ7L32                                    | 10156991870      | \$749.00     | 3/17/2015        | TAC           | 1              |                  | Moab, UT              | Project Support 2     |                 | 4/29/2015      |          |
| M01361     | A           | Computer                   | Dell          | OPTIPLEX 7010         | S    | BB6H6Y1                                    | 24620613481      | \$895.00     | 7/10/2013        | TAC           | 1              |                  | Grand Junction, CO    | S&K Office            | DOE Hall        | 4/29/2015      |          |
| M01415     | A           | Computer                   | Dell          | Precision T1700       | S    | 9XSRW12                                    | 21634755302      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Crescent Junction, UT | Radcon Trailer        |                 | 4/29/2015      |          |
| M01533     | A           | Data Phone                 | Samsung       | Galaxy S6             | S    | 990007044412291                            | 9707786372       | \$99.99      | 5/9/2016         | RAC           | 1              |                  | Moab, UT              | Queue Radcon          |                 | 5/9/2016       |          |
| M01375     | A           | Computer                   | Dell          | OPTIPLEX 7010         | S    | BBBD6Y1                                    | 24628824937      | \$768.00     | 7/10/2013        | TAC           | 1              |                  | Moab, UT              | Field Services        |                 | 4/29/2015      |          |
| M01470     | A           | Computer                   | Dell          | Precision T1700       | S    | 9X6SW12                                    | 21597850406      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Administrative        |                 | 4/29/2015      |          |
| M01523     | A           | Data Phone                 | Samsung       | Galaxy S6             | S    | 990007044259833                            | 9705892974       | \$99.99      | 5/9/2016         | RAC           | 1              |                  | Moab, UT              | Administrative        |                 | 5/9/2016       |          |
| M01110     | A           | Laptop Computer            | Dell          | Latitude D630         | S    | 9L437H1                                    | 20867698837      | \$943.00     | 9/3/2008         | RAC           | 4              |                  | Crescent Junction, UT | Radcon Trailer        |                 | 4/29/2015      |          |
| M01411     | A           | Computer                   | Dell          | Precision T1700       | S    | 9Y1QW12                                    | 21649825190      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Crescent Junction, UT | Radcon Trailer        |                 | 4/29/2015      |          |
| M01455     | A           | Computer                   | Dell          | Precision T1700       | S    | 9XWPW12                                    | 21641380454      | \$834.75     | 6/27/2014        | RAC           | 1              |                  | Crescent Junction, UT | Radcon Trailer        |                 | 4/29/2015      |          |
| M01528     | A           | Data Phone                 | Samsung       | Galaxy S6             | S    | 990007044202460                            | 9703617026       | \$99.99      | 5/9/2016         | RAC           | 1              |                  | Crescent Junction, UT | Administrative        |                 | 5/9/2016       |          |
| M01310     | A           | ATV                        | Polaris       | Ranger Crew 800       | E    | 4XAWY76A4B2243949                          |                  | \$15,627.00  | 4/11/2011        | TAC           | 4              |                  | Moab, UT              | Maintenance Tent      |                 | 4/29/2015      |          |
| M01467     | A           | Computer                   | Dell          | Precision T1700       | S    | 9XBQW12                                    | 21606155174      | \$834.75     | 6/27/2014        | TAC           | 1              |                  | Grand Junction, CO    | S&K Office            | Bullpen         | 4/29/2015      |          |
| S20571     | A           | Laptop Computer            | Panasonic     | CF74-                 | S    | CF74CKSA26452R                             |                  | \$2,000.00   | 5/7/2007         | TAC           | 4              |                  | Moab, UT              | Project Support 2     |                 | 4/29/2015      |          |
| M01419     | A           | Computer                   | Dell          | Precision T1700       | S    | 9Y2QW12                                    | 21651504806      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Project Support 1     |                 | 4/29/2015      |          |
| M01404     | A           | Computer                   | Dell          | Precision T1700       | S    | 9YORW12                                    | 21648192230      | \$834.75     | 6/27/2014        | RAC           | 1              |                  | Moab, UT              | Access Control        |                 | 4/29/2015      |          |
| M01453     | A           | Computer                   | Dell          | Precision T1700       | S    | 9X2SW12                                    | 21591131942      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Access Control        |                 | 4/29/2015      |          |
| M01458     | A           | Computer                   | Dell          | Precision T1700       | S    | 9XHRW12                                    | 21616279526      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Access Control        |                 | 4/29/2015      |          |
| M01534     | A           | Data Phone                 | Samsung       | Galaxy S6             | S    | 990007044025572                            | 9704336989       | \$99.99      | 5/9/2016         | RAC           | 1              |                  | Moab, UT              | Project Support 1     |                 | 5/9/2016       |          |
| M01204     | A           | Soil Compactor             | Humboldt      | H-4169                | E    | 205092202                                  |                  | \$6,900.00   | 11/25/2009       | RAC           | 4              |                  | Moab, UT              | Atlas Bldg.           |                 | 4/12/2012      |          |
| M01429     | A           | Computer                   | Dell          | Precision T1700       | S    | 9X2QW12                                    | 21591038630      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Project Support 1     |                 | 4/29/2015      |          |
| M01482     | A           | Computer                   | Dell          | Precision T1700       | S    | 9X0RW12                                    | 21587726054      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Crescent Junction, UT | Contractor            |                 | 4/29/2015      |          |
| M01479     | A           | Computer                   | Dell          | Precision T1700       | S    | 9X1RW12                                    | 21589405670      | \$834.75     | 6/27/2014        | DOE           | 4              |                  | Crescent Junction, UT | DOE                   |                 | 4/29/2015      |          |
| M01426     | A           | Computer                   | Dell          | Precision T1700       | S    | 9Y9QW12                                    | 21663262118      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Crescent Junction, UT | Administrative        |                 | 4/29/2015      |          |
| M01427     | A           | Computer                   | Dell          | Precision T1700       | S    | 9X7SW12                                    | 21599530022      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Crescent Junction, UT | Administrative        |                 | 4/29/2015      |          |
| M01428     | A           | Computer                   | Dell          | Precision T1700       | S    | 9X5RW12                                    | 21596124134      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Crescent Junction, UT | Administrative        |                 | 4/29/2015      |          |
| M01480     | A           | Computer                   | Dell          | Precision T1700       | S    | 9X2RW12                                    | 21591085286      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Crescent Junction, UT | Contractor            | Training/Guest  | 4/29/2015      |          |
| M01381     | A           | Computer                   | Dell          | OPTIPLEX 7010         | S    | BBGD6Y1                                    | 24637223017      | \$768.00     | 7/10/2013        | TAC           | 1              |                  | Moab, UT              | Project Support 2     |                 | 4/29/2015      |          |
| M01372     | A           | Computer                   | Dell          | OPTIPLEX 7010         | S    | BBCD6Y1                                    | 24630504553      | \$768.00     | 7/10/2013        | TAC           | 1              |                  | Grand Junction, CO    | S&K Office            | Bullpen         | 4/29/2015      |          |
| M01526     | A           | Data Phone                 | Samsung       | Galaxy S6             | S    | 990007044217153                            | 9702077446       | \$99.99      | 5/9/2016         | RAC           | 1              |                  | Moab, UT              | Queue Administrative  |                 | 5/9/2016       |          |
| M01282     | A           | Computer                   | Dell          | Studio XPS 9100       | S    | CLMMMN1                                    | 27429185053      | \$1,699.99   | 11/15/2010       | TAC           | 4              |                  | Grand Junction, CO    | S&K Office            | Bullpen         | 4/29/2015      |          |
| M01432     | A           | Computer                   | Dell          | Precision T1700       | S    | 9X1QW12                                    | 21589359014      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Project Support 1     |                 | 4/29/2015      |          |
| M01474     | A           | Computer                   | Dell          | Precision T1700       | S    | 9XVPW12                                    | 21639700838      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Project Support 1     |                 | 4/29/2015      |          |
| M01448     | A           | Computer                   | Dell          | Precision T1700       | S    | 9X6RW12                                    | 21597803750      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Crescent Junction, UT | Contractor            |                 | 4/29/2015      |          |
| M01364     | A           | Computer                   | Dell          | OPTIPLEX 7010         | S    | BB8D6Y1                                    | 24623786089      | \$895.00     | 7/10/2013        | TAC           | 1              |                  | Grand Junction, CO    | S&K Office            | Hall Office     | 4/29/2015      |          |
| M01369     | A           | Computer                   | Dell          | OPTIPLEX 7010         | S    | BB9F6Y1                                    | 24625559017      | \$768.00     | 7/10/2013        | TAC           | 1              |                  | Grand Junction, CO    | S&K Office            | Bullpen         | 4/29/2015      |          |
| M01403     | A           | Laptop Computer            | Dell          | Latitude 15 5000      | S    | DVLRD12                                    | 30209170358      | \$870.57     | 6/11/2014        | RAC           | 1              |                  | Moab, UT              | Project Support 2     |                 | 4/29/2015      |          |
| M01440     | A           | Computer                   | Dell          | Precision T1700       | S    | 9XFQW12                                    | 21612873638      | \$834.75     | 6/27/2014        | TAC           | 4              |                  | Moab, UT              | Field Services        |                 | 4/29/2015      |          |
| M01525     | A           | Data Phone                 | Samsung       | Galaxy S6             | S    | 990007044332325                            | 9702010643       | \$99.99      | 5/9/2016         | TAC           | 1              |                  | Grand Junction, CO    | S&K Office            | Bullpen         | 5/9/2016       |          |
| M01484     | A           | Computer                   | Dell          | Precision T1700       | S    | 9XCRRW12                                   | 21607881446      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Project Support 1     |                 | 4/29/2015      |          |

## Attachment J-8 - 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 | Condition Code | Disposition Code | Site                  | S1 Value (Bldg)      | S2 Value (Room) | Inventory Date | Comments |
|------------|-------------|----------------------------|--------------|-------------------|------|--|------------------|-------------|------------------|---------------|----------------|------------------|-----------------------|----------------------|-----------------|----------------|----------|
| M01015     | A           | Computer                   | Dell         | OptiPlex 745      | S    | FXKR5D1                                    | 34681977829      | \$837.00    | 7/3/2007         | RAC           | 4              |                  | Moab, UT              | Queue Access Control | Heat Stress     | 4/29/2015      |          |
| M01020     | A           | Computer                   | Dell         | OptiPlex 745      | S    | 4ZKR5D1                                    | 10858304485      | \$837.00    | 7/3/2007         | RAC           | 4              |                  | Moab, UT              | Project Support 2    | Heat Stress     | 4/29/2015      |          |
| M01027     | A           | Computer                   | Dell         | OptiPlex 745      | S    | 1YM5BD1                                    | 4269831877       | \$837.00    | 7/20/2007        | RAC           | 4              |                  | Crescent Junction, UT | Contractor           | Heat Stress     | 4/29/2015      |          |
| M01050     | A           | Computer                   | Dell         | OptiPlex 745      | S    | HN5WND1                                    | 38405943109      | \$835.00    | 9/13/2007        | RAC           | 4              |                  | Crescent Junction, UT | Contractor           | Heat Stress     | 4/29/2015      |          |
| M01132     | A           | Computer                   | Dell         | OptiPlex 760      | S    | 96NCNK1                                    | 19993059649      | \$829.00    | 8/3/2009         | RAC           | 4              |                  | Moab, UT              | Queue Access Control | Heat Stress     | 4/29/2015      |          |
| M01221     | A           | Computer                   | Dell         | OptiPlex 780      | S    | HGTTTL1                                    | 38022858757      | \$988.00    | 1/14/2010        | RAC           | 4              |                  | Moab, UT              | Project Support 2    | Heat Stress     | 4/29/2015      |          |
| M01434     | A           | Computer                   | Dell         | Precision T1700   | S    | 9XHSW12                                    | 21616326182      | \$834.75    | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Administrative       |                 | 4/29/2015      |          |
| M01360     | A           | Computer                   | Dell         | OPTIPLEX 7010     | S    | BB7G6Y1                                    | 24622246441      | \$895.00    | 7/10/2013        | TAC           | 1              |                  | Grand Junction, CO    | S&K Office           | Reception       | 4/29/2015      |          |
| M01342     | A           | Excavator w/ Shear         | Hitachi      | 400LC3            | E    | 166-5266                                   |                  | \$35,000.00 | 1/1/1995         | RAC           | 4              |                  | Moab, UT              | Site                 | CA              | 8/7/2013       |          |
| M01084     | A           | Computer                   | Dell         | OptiPlex 755      | S    | HFJTDG1                                    | 37945575505      | \$1,046.00  | 6/5/2008         | RAC           | 4              |                  | Moab, UT              | Queue Access Control |                 | 4/29/2015      |          |
| M01307     | A           | Laptop Computer            | Dell         | Latitude E6510    | S    | DVJZDP1                                    | 30206185237      | \$1,374.27  | 4/7/2011         | RAC           | 4              |                  | Moab, UT              | Atlas Bldg.          |                 | 4/29/2015      |          |
| M01328     | A           | Photometer                 | ATI          | 2H-N              | E    | 21213                                      |                  | \$7,852.00  | 3/3/2011         | RAC           | 4              |                  | Moab, UT              | Access Control       |                 | 7/16/2014      |          |
| M01356     | A           | Counter, Low Background    | Protean      | IPC9025           | E    | 425540                                     |                  | \$36,000.00 | 5/15/1994        | RAC           | 4              |                  | Moab, UT              | Access Control       |                 | 8/7/2013       |          |
| M01377     | A           | Computer                   | Dell         | OPTIPLEX 7010     | S    | BBFD6Y1                                    | 24635543401      | \$768.00    | 7/10/2013        | RAC           | 4              |                  | Moab, UT              | Access Control       |                 | 4/29/2015      |          |
| M01413     | A           | Computer                   | Dell         | Precision T1700   | S    | 9XTQW12                                    | 21636388262      | \$834.75    | 6/27/2014        | RAC           | 1              |                  | Moab, UT              | Project Support 1    |                 | 4/29/2015      |          |
| M01457     | A           | Computer                   | Dell         | Precision T1700   | S    | 9XJQW12                                    | 21619592102      | \$834.75    | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Project Support 1    |                 | 4/29/2015      |          |
| M01496     | A           | Laptop Computer            | Dell         | Latitude 15 5000  | S    | 1Y57L32                                    | 4241384318       | \$749.00    | 3/17/2015        | RAC           | 1              |                  | Moab, UT              | Project Support 1    |                 | 4/29/2015      |          |
| M01447     | A           | Computer                   | Dell         | Precision T1700   | S    | 9XHPW12                                    | 21616186214      | \$834.75    | 6/27/2014        | TAC           | 1              |                  | Grand Junction, CO    | S&K Office           | Bullpen         | 4/29/2015      |          |
| M01379     | A           | Computer                   | Dell         | OPTIPLEX 7010     | S    | BBBF6Y1                                    | 24628918249      | \$768.00    | 7/10/2013        | TAC           | 1              |                  | Grand Junction, CO    | S&K Office           | Hall Office     | 4/29/2015      |          |
| M01032     | A           | Computer                   | Dell         | OptiPlex 745      | S    | 3YM5BD1                                    | 8623396549       | \$837.00    | 7/20/2007        | RAC           | 4              |                  | Moab, UT              | Access Control       | Kiosk 04        | 4/29/2015      |          |
| M01046     | A           | Computer                   | Dell         | OptiPlex 745      | S    | 3P5WND1                                    | 8051922757       | \$835.00    | 9/13/2007        | RAC           | 4              |                  | Moab, UT              | Queue Access Control |                 | 4/29/2015      |          |
| M01077     | A           | Counter, Alpha/Beta        | Canberra     | SOLO300G          | E    | 02084926                                   |                  | \$15,000.00 | 3/11/2008        | RAC           | 4              |                  | Moab, UT              | Access Control       |                 | 4/12/2012      |          |
| M01078     | A           | Meter                      | Pylon        | WLX6204610        | E    | 188  |                  | \$17,035.00 | 6/10/2008        | RAC           | 4              |                  | Moab, UT              | Access Control       |                 | 4/12/2012      |          |
| M01079     | A           | Meter                      | Pylon        | WLX6204610        | E    | 189  |                  | \$17,035.00 | 6/10/2008        | RAC           | 4              |                  | Moab, UT              | Access Control       |                 | 4/12/2012      |          |
| M01085     | A           | Computer                   | Dell         | OptiPlex 755      | S    | 98LTDG1                                    | 20111412817      | \$1,046.00  | 6/5/2008         | RAC           | 4              |                  | Moab, UT              | Access Control       |                 | 4/29/2015      |          |
| M01117     | A           | Meter                      | Pylon        | WLX6204610        | E    | 190  |                  | \$17,035.00 | 11/13/2008       | RAC           | 4              |                  | Moab, UT              | Access Control       |                 | 4/12/2012      |          |
| M01118     | A           | Meter                      | Pylon        | WLX6204610        | E    | 191  |                  | \$17,035.00 | 11/13/2008       | RAC           | 4              |                  | Moab, UT              | Access Control       |                 | 4/12/2012      |          |
| M01218     | A           | Computer                   | Dell         | OptiPlex 780      | S    | JGTTTL1                                    | 42376426429      | \$988.00    | 1/14/2010        | RAC           | 4              |                  | Crescent Junction, UT | Access Control       |                 | 4/29/2015      |          |
| M01258     | A           | Vehicle                    | Ford         | Expedition        | E    | 1FMFU16L31LB20767                          | E303617          | \$25,595.00 | 1/1/2001         | RAC           | 4              |                  | Moab, UT              | Site                 |                 | 4/12/2012      |          |
| M01303     | A           | Detector, Gamma            | Canberra     | GC3020            | E    | 9826                                       |                  | \$73,991.00 | 1/28/2011        | RAC           | 4              |                  | Moab, UT              | Field Services Lab   |                 | 4/29/2015      |          |
| M01324     | A           | Whole Body Monitor         | Eberline     | PCM1B             | E    | 1022                                       |                  | \$9,700.00  | 3/1/2010         | RAC           | 4              |                  | Moab, UT              | Queue Access Control |                 | 8/7/2013       |          |
| M01325     | A           | Whole Body Monitor         | Eberline     | PCM1B             | E    | 1026                                       |                  | \$9,700.00  | 3/1/2010         | RAC           | 4              |                  | Moab, UT              | Control              |                 | 8/7/2013       |          |
| M01438     | A           | Computer                   | Dell         | Precision T1700   | S    | 9XGPW12                                    | 21614506598      | \$834.75    | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Queue Access Control |                 | 4/29/2015      |          |
| M01439     | A           | Computer                   | Dell         | Precision T1700   | S    | 9X0QW12                                    | 21587679398      | \$834.75    | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Queue Access Control |                 | 4/29/2015      |          |
| M01460     | A           | Computer                   | Dell         | Precision T1700   | S    | 9XDQW12                                    | 21609514406      | \$834.75    | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Project Support 1    |                 | 4/29/2015      |          |
| M01465     | A           | Computer                   | Dell         | Precision T1700   | S    | 9XJPW12                                    | 21619545446      | \$834.75    | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Access Control       |                 | 4/29/2015      |          |
| M01483     | A           | Computer                   | Dell         | Precision T1700   | S    | 9X0SW12                                    | 21587772710      | \$834.75    | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Queue Access Control |                 | 4/29/2015      |          |
| M01532     | A           | Data Phone                 | Samsung      | Galaxy S6         | S    | 990007044260898                            | 9705892924       | \$99.99     | 5/9/2016         | RAC           | 1              |                  | Moab, UT              | Project Support 1    |                 | 5/9/2016       |          |
| S16499     | A           | Whole Body Monitor         | Aptec        | PMW-3             | E    | 9604-030                                   |                  | \$46,900.00 | 8/7/1996         | RAC           | 4              |                  | Moab, UT              | Atlas                |                 | 8/7/2013       |          |
| S20141     | A           | Portable Radiation Monitor | Pylon        | AB-5              | E    | 1306                                       |                  | \$5,500.00  | 1/24/2006        | RAC           | 4              |                  | Moab, UT              | Atlas Bldg.          |                 | 4/12/2012      |          |
| S20142     | A           | Portable Radiation Monitor | Pylon        | AB-5              | E    | 1307                                       |                  | \$5,500.00  | 1/24/2006        | RAC           | 4              |                  | Moab, UT              | Atlas Bldg.          |                 | 4/12/2012      |          |
| S20587     | A           | Full Body Scanner          | Canberra     | ARGOS-4B          | E    | 0612-046                                   |                  | \$47,000.00 | 5/9/2007         | RAC           | 4              |                  | Moab, UT              | Access Control       |                 | 8/7/2013       |          |
| M01435     | A           | Computer                   | Dell         | Precision T1700   | S    | 9XGQW12                                    | 21614553254      | \$834.75    | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Queue Access Control |                 | 4/29/2015      |          |
| M01101     | A           | Computer                   | Dell         | OptiPlex 755      | S    | FPDTOG1                                    | 34186611745      | \$1,046.00  | 7/7/2008         | RAC           | 4              |                  | Grand Junction, CO    | Portage Office       | Suite 319       | 4/29/2015      |          |
| M01188     | A           | Vehicle                    | Ford         | Escape            | E    | 1FMCU493X9KD10613                          | E303613          | \$25,223.74 | 8/24/2009        | RAC           | 4              |                  | Grand Junction, CO    | Portage Office       | Suite 319       | 7/16/2014      |          |
| M01216     | A           | Computer                   | Dell         | OptiPlex 780      | S    | 9HTTTL1                                    | 20669066245      | \$988.00    | 1/14/2010        | RAC           | 4              |                  | Grand Junction, CO    | Portage Office       | Suite 319       | 4/29/2015      |          |
| M01466     | A           | Computer                   | Dell         | Precision T1700   | S    | 9X4QW12                                    | 21594397862      | \$834.75    | 6/27/2014        | RAC           | 4              |                  | Grand Junction, CO    | Portage Office       | Suite 319       | 4/29/2015      |          |
| M01468     | A           | Computer                   | Dell         | Precision T1700   | S    | 9XZPW12                                    | 21646419302      | \$834.75    | 6/27/2014        | RAC           | 4              |                  | Grand Junction, CO    | Portage Office       | Suite 319       | 4/29/2015      |          |
| M01108     | A           | Radio Repeater             | Midland      | 91-1110B          | E    | 231800021                                  | FCC#MMA911110    | \$8,907.81  | 9/1/2008         | TAC           | 4              |                  | Moab, UT              | Communications       | Server          | 7/16/2014      |          |
| M01111     | A           | Phone System               | Inter-Tel    | 5000              | E    | 1LH000827364                               | SSL0165021       | \$11,995.00 | 8/7/2008         | TAC           | 4              |                  | Crescent Junction, UT | DOE                  | Server          | 4/29/2015      |          |
| M01163     | A           | Computer                   | Dell         | OptiPlex 760      | S    | C7NCNK1                                    | 26583872833      | \$829.00    | 8/3/2009         | RAC           | 4              |                  | Moab, UT              | Communications       |                 | 4/29/2015      |          |
| M01184     | A           | Laptop Computer            | Dell         | Inspiron 1010     | S    | D3N4MK1                                    | 28518415921      | \$484.00    | 8/17/2009        | TAC           | 4              |                  | Grand Junction, CO    | S&K Office           | Bullpen         | 4/29/2015      |          |
| M01249     | A           | Laptop Computer            | Dell         | Latitude E6500    | S    | CZ3QL1                                     | 28293305941      | \$1,191.00  | 4/5/2010         | TAC           | 4              |                  | Grand Junction, CO    | S&K Office           | Bullpen         | 4/29/2015      |          |
| M01283     | A           | Computer                   | Dell         | Studio XPS 9100   | S    | CLMNMN1                                    | 27429231709      | \$1,699.99  | 11/15/2010       | TAC           | 4              |                  | Grand Junction, CO    | S&K Office           | Bullpen         | 4/29/2015      |          |
| M01284     | A           | Computer                   | Dell         | Studio XPS 9100   | S    | G3PRYV1                                    | 35053211197      | \$1,699.99  | 11/15/2010       | TAC           | 4              |                  | Grand Junction, CO    | S&K Office           | Bullpen         | 4/29/2015      |          |

## Attachment J-8 - 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 | Condition Code | Disposition Code | Site                  | S1 Value (Bldg)       | S2 Value (Room) | Inventory Date | Comments |
|------------|-------------|-------------------------|-------------------------|-------------------|------|--|------------------|--------------|------------------|---------------|----------------|------------------|-----------------------|-----------------------|-----------------|----------------|----------|
| M01512     | A           | Video Conference System | Polycorn                | IP7000            | E    | 80151942D68FCG                             |                  | \$9,872.00   | 9/24/2015        | DOE           | 1              |                  | Moab, UT              | DOE                   |                 |                |          |
| M01516     | A           | Data Phone              | Samsung                 | Galaxy S6         | S    | 990007044219340                            | 9703615770       | \$99.99      | 5/9/2016         | TAC           | 1              |                  | Grand Junction, CO    | S&K Office            | Bullpen         | 5/9/2016       |          |
| M01521     | A           | Data Phone              | Samsung                 | Galaxy S6         | S    | 990007044309067                            | 9704242226       | \$99.99      | 5/9/2016         | RAC           | 1              |                  | Grand Junction, CO    | S&K Office            | Bullpen         | 5/9/2016       |          |
| S20168     | A           | Laptop Computer         | Dell                    | D610              | S    | 49PTH91                                    |                  | \$2,200.00   | 2/22/2006        | TAC           | 4              |                  | Grand Junction, CO    | S&K Office            | Bullpen         | 4/29/2015      |          |
| M01026     | A           | Phone Switch            | Siemens                 | Hicom 300E 30EX   | S    | 84289                                      | N/A              | \$15,300.00  | 3/6/2006         | TAC           | 4              |                  | Grand Junction, CO    | S&K Office            | Server          | 4/29/2015      |          |
| M01157     | A           | Computer                | Dell                    | OptiPlex 760      | S    | G8NCNK1                                    | 35351468353      | \$829.00     | 8/3/2009         | TAC           | 4              |                  | Crescent Junction, UT | DOE                   | Server          | 4/29/2015      |          |
| S16112     | A           | CBX Phone System        | Roim                    | 10                | E    | 55150/51291                                |                  | \$37,000.00  | 9/12/1995        | TAC           | 4              |                  | Moab, UT              | Communications        |                 | 4/29/2015      |          |
| S20538     | A           | Tape Backup             | Overland                | NEO2000           | S    | 2B70300218                                 |                  | \$8,250.00   | 3/23/2007        | TAC           | 4              |                  | Moab, UT              | Communications        | Server          | 4/29/2015      |          |
| M01416     | A           | Computer                | Dell                    | Precision T1700   | S    | 9XTPW12                                    | 21636341606      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Project Support 1     |                 | 4/29/2015      |          |
| M01308     | A           | Laptop Computer         | Dell                    | Latitude E6510    | S    | DVKOFP1                                    | 30206234485      | \$1,374.27   | 4/7/2011         | RAC           | 4              |                  | Moab, UT              | Administrative        |                 | 4/29/2015      |          |
| M01425     | A           | Computer                | Dell                    | Precision T1700   | S    | 9X1SW12                                    | 21589452326      | \$834.75     | 6/27/2014        | RAC           | 1              |                  | Moab, UT              | Atlas Building        |                 | 4/29/2015      |          |
| M01239     | A           | Laptop Computer         | Dell                    | Latitude E6500    | S    | DND9XL1                                    | 29711190853      | \$1,100.00   | 2/19/2010        | TAC           | 4              |                  | Grand Junction, CO    | S&K Office            | Hall Office     | 4/29/2015      |          |
| M01368     | A           | Computer                | Dell                    | OPTIPLEX 7010     | S    | BBGG6Y1                                    | 24637362985      | \$768.00     | 7/10/2013        | TAC           | 1              |                  | Grand Junction, CO    | S&K Office            | Hall Office     | 4/29/2015      |          |
| M01444     | A           | Computer                | Dell                    | Precision T1700   | S    | 9XGSW12                                    | 21614646566      | \$834.75     | 6/27/2014        | TAC           | 4              |                  | Moab, UT              | Field Services        |                 | 4/29/2015      |          |
| M01518     | A           | Data Phone              | Samsung                 | Galaxy S6         | S    | 990007044202270                            | 9704335806       | \$99.99      | 5/9/2016         | TAC           | 1              |                  | Grand Junction, CO    | S&K Office            | Hall Office     | 5/9/2016       |          |
| M01246     | A           | Construction Camera     | EarthCam                | DC-09324          | E    | AAU-CGU4                                   |                  | \$5,246.25   | 2/17/2010        | TAC           | 4              |                  | Moab, UT              | Site                  | Rail Loadout    | 4/12/2012      |          |
| M01247     | A           | Construction Camera     | EarthCam                | DC-09229          | E    | AAQ-GX42                                   |                  | \$5,246.25   | 2/17/2010        | TAC           | 4              |                  | Grand Junction, CO    | S&K Office            | Bullpen         | 4/29/2015      |          |
| M01473     | A           | Computer                | Dell                    | Precision T1700   | S    | 9Y7QW12                                    | 21659902886      | \$834.75     | 6/27/2014        | TAC           | 1              |                  | Grand Junction, CO    | S&K Office            | Hall Office     | 4/29/2015      |          |
| M01430     | A           | Computer                | Dell                    | Precision T1700   | S    | 9XVRW12                                    | 21639794150      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Administrative        |                 | 4/29/2015      |          |
| M01433     | A           | Computer                | Dell                    | Precision T1700   | S    | 9X7QW12                                    | 21599436710      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Administrative        |                 | 4/29/2015      |          |
| M01086     | A           | Computer                | Dell                    | OptiPlex 755      | S    | 8GJTDG1                                    | 18415000657      | \$1,046.00   | 6/5/2008         | TAC           | 4              |                  | Moab, UT              | Communications        |                 | 4/29/2015      |          |
| M01251     | A           | Laptop Computer         | Dell                    | Latitude E6400    | S    | 7H3LQL1                                    | 16271454421      | \$1,169.00   | 4/8/2010         | TAC           | 4              |                  | Moab, UT              | Communications        |                 | 4/29/2015      |          |
| M01378     | A           | Computer                | Dell                    | OPTIPLEX 7010     | S    | BB8G6Y1                                    | 24623926057      | \$768.00     | 7/10/2013        | TAC           | 1              |                  | Moab, UT              | Communications        |                 | 4/29/2015      |          |
| M01436     | A           | Computer                | Dell                    | Precision T1700   | S    | 9XJSW12                                    | 21619685414      | \$834.75     | 6/27/2014        | TAC           | 4              |                  | Moab, UT              | Communications        |                 | 4/29/2015      |          |
| M01522     | A           | Data Phone              | Samsung                 | Galaxy S6         | S    | 990007044303086                            | 9707787398       | \$99.99      | 5/9/2016         | TAC           | 1              |                  | Moab, UT              | Communications        |                 | 5/9/2016       |          |
| M01445     | A           | Computer                | Dell                    | Precision T1700   | S    | 9XWQW12                                    | 21641427110      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Queue Access Control  |                 | 4/29/2015      |          |
| M01121     | A           | Container Rack          | Pacific Central Steel   | NMN               | E    | NSN  |                  | \$13,275.00  | 3/1/2009         | RAC           | 4              |                  | Moab, UT              | Queue Site            |                 | 4/29/2015      |          |
| M01122     | A           | Container Rack          | Pacific Central Steel   | NMN               | E    | NSN  |                  | \$13,275.00  | 3/1/2009         | RAC           | 4              |                  | Moab, UT              | Queue Site            |                 | 4/29/2015      |          |
| M01123     | A           | Container Rack          | Pacific Central Steel   | NMN               | E    | NSN  |                  | \$13,275.00  | 3/1/2009         | RAC           | 4              |                  | Moab, UT              | Queue Site            |                 | 4/29/2015      |          |
| M01124     | A           | Container Rack          | Pacific Central Steel   | NMN               | E    | NSN  |                  | \$13,275.00  | 3/1/2009         | RAC           | 4              |                  | Moab, UT              | Queue Site            |                 | 4/29/2015      |          |
| M01125     | A           | Container Rack          | Pacific Central Steel   | NMN               | E    | NSN  |                  | \$13,275.00  | 3/1/2009         | RAC           | 4              |                  | Moab, UT              | Queue Site            |                 | 4/29/2015      |          |
| M01126     | A           | Container Rack          | Pacific Central Steel   | NMN               | E    | NSN  |                  | \$13,275.00  | 3/1/2009         | RAC           | 4              |                  | Moab, UT              | Queue Site            |                 | 4/29/2015      |          |
| M01203     | A           | Generator               | Powr Gard               | TS50              | E    | H923908                                    |                  | \$17,860.00  | 1/1/1992         | RAC           | 4              |                  | Crescent Junction, UT | Site                  |                 | 4/13/2012      |          |
| M01211     | A           | Laptop Computer         | Panasonic               | CF30              | S    | 9GKYA65317                                 | Toughbook        | \$3,250.00   | 12/29/2009       | RAC           | 4              |                  | Moab, UT              | Maintenance           |                 | 4/29/2015      |          |
| M01253     | A           | Gantry Crane            | Taylor                  | RTG10042          | E    | SF736223                                   |                  | \$992,875.00 | 5/3/2010         | RAC           | 4              |                  | Moab, UT              | Site                  | Rail Loadout    | 4/12/2012      |          |
| M01257     | A           | Trailer, Water 6200 gal | Bar-bell Fabricating Co | 103-SM            | E    | 4BUEED1B4RB944640                          | E00037T          | \$25,950.00  | 5/17/2010        | RAC           | 4              |                  | Moab, UT              | Site                  |                 | 4/12/2012      |          |
| M01300     | A           | Light Tower             | Magnum                  | 3080              | E    | 0900155                                    | 01-15            | \$10,080.00  | 12/21/2010       | RAC           | 4              |                  | Crescent Junction, UT | Site                  |                 | 4/13/2012      |          |
| M01301     | A           | Light Tower             | Magnum                  | 3080              | E    | 0900156                                    | 01-16            | \$10,080.00  | 12/21/2010       | RAC           | 4              |                  | Crescent Junction, UT | Site                  |                 | 4/13/2012      |          |
| M01326     | A           | Heater                  | Allmand                 | MH1000            | E    | 0248MXH08                                  |                  | \$16,500.00  | 3/23/2010        | RAC           | 4              |                  | Crescent Junction, UT | Site                  |                 | 4/13/2012      |          |
| M01333     | A           | Power Washer            | Landa                   | HHW 4/4000        | E    | 11100470-100036                            | 109FS12231U021   | \$10,360.00  | 10/7/2008        | RAC           | 4              |                  | Crescent Junction, UT | Site                  |                 | 4/13/2012      |          |
| M01405     | A           | Computer                | Dell                    | Precision T1700   | S    | 9Y6SW12                                    | 21658316582      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Crescent Junction, UT | Administrative        | Bullpen         | 4/29/2015      |          |
| M01408     | A           | Computer                | Dell                    | Precision T1700   | S    | 9Y8QW12                                    | 21661582502      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Queue Project Support |                 | 4/29/2015      |          |
| M01451     | A           | Computer                | Dell                    | Precision T1700   | S    | 9XTRW12                                    | 21636434918      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Support               |                 | 4/29/2015      |          |
| M01454     | A           | Computer                | Dell                    | Precision T1700   | S    | 9XDRW12                                    | 21609561062      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Queue Project Support | Timecard        | 4/29/2015      |          |
| M01463     | A           | Computer                | Dell                    | Precision T1700   | S    | 9XBRW12                                    | 21606201830      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Queue Project Support |                 | 4/29/2015      |          |
| M01476     | A           | Computer                | Dell                    | Precision T1700   | S    | 9Y1SW12                                    | 21649918502      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Queue Project Support | Timecard        | 4/29/2015      |          |
| M01477     | A           | Computer                | Dell                    | Precision T1700   | S    | 9X4SW12                                    | 21594491174      | \$834.75     | 6/27/2014        | RAC           | 4              |                  | Moab, UT              | Queue Project Support |                 | 4/29/2015      |          |
| M01494     | A           | Personnel Shelter       | Hausner                 | NMN               | E    | NSN  |                  | \$7,195.00   | 1/29/2015        | RAC           | 1              |                  | Moab, UT              | Site                  | Rail Bench      |                |          |
| M01506     | A           | Truck                   | GMC                     | Topkick           | E    | 1GDG6H1J4MJ528238                          | E303616          | \$20,500.00  | 1/1/1991         | RAC           | 4              |                  | Crescent Junction, UT | Site                  |                 |                |          |
| M01508     | A           | Forklift                | Hyster                  | H135XL12          | E    | F006D05508W                                |                  | \$19,800.00  | 1/1/2008         | RAC           | 4              |                  | Crescent Junction, UT | Site                  |                 |                |          |
| M01509     | A           | Boomlift                | Genie                   | S60               | E    | 1870                                       |                  | \$25,500.00  | 1/1/1997         | RAC           | 4              |                  | Moab, UT              | Site                  |                 |                |          |
| M01535     | A           | Data Phone              | Samsung                 | Galaxy S6         | S    | 990007044279898                            | 9709862206       | \$99.99      | 5/9/2016         | RAC           | 1              |                  | Crescent Junction, UT | Administrative        |                 | 5/9/2016       |          |
| M01537     | A           | Gantry Crane            | Taylor                  | RTG100421         | E    | SF35929                                    |                  | \$150,000.00 | 1/1/2009         | RAC           | 4              |                  | Moab, UT              | Site                  | Rail Bench      | 6/1/2016       |          |
| M01538     | A           | Reach Stacker           | Linde                   | C4531TL/5         | E    | EIX357W00040                               |                  | \$292,018.00 | 1/1/2008         | RAC           | 4              |                  | Moab, UT              | Site                  | Queue           | 6/1/2016       |          |
| M01539     | A           | Reach Stacker           | Linde                   | C4531TL/5         | E    | EIX357W00034                               |                  | \$292,018.00 | 1/1/2008         | RAC           | 4              |                  | Moab, UT              | Site                  | Queue           | 6/1/2016       |          |
| M01540     | A           | Reach Stacker           | Linde                   | C4531TL/5         | E    | EIX357W00035                               |                  | \$292,018.00 | 1/1/2008         | RAC           | 4              |                  | Moab, UT              | Site                  | Queue           | 6/1/2016       |          |
| M01541     | A           | Haul Truck              | Kenworth                | 2010 T-800        | E    | 1XKDD40X2AJ270907                          |                  | \$90,000.00  | 1/1/2010         | RAC           | 4              |                  | Moab, UT              | Site                  | Queue           | 6/1/2016       |          |



## **SECTION J, ATTACHMENT J-9 INTERFACE REQUIREMENTS MATRIX**

Services and activities listed in the Interface Requirements Matrix shall be performed in accordance with the Performance Work Statement. The Interface Requirements Matrix, identifies the key specific tasks and services that require interface and coordination with other site entities. The Interface Requirements Matrix 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 matrix, the services to be provided by the RAC are considered Government Furnished Services.

| <b>Task</b>                                  | <b>RAC</b>  | <b>TAC</b>   | <b>PWS Requirements</b> |
|--|---|--|-------------------------|
| Project Management                           | Have RAC management in Grand Junction Office. Interface with the TAC Management as necessary.   | Designate a working Program Manager, responsible for management of all tasks in the contract/task orders. Interface with RAC management as necessary.  | C.3.2                   |
| 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 accordance with the Records Management Plan and applicable File Plans.           | Develop and manage the records management program for the entire project IAW applicable DOE orders and regulations. Ensure implementation and maintain the Project's Record Management Plan and File Plans.    | C.3.3                   |
| 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.3.3, C.3.9            |
| 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 radiological badging requirements at the Moab and Crescent Junction sites. Implements radiological area access controls. | Provide training certification information for radiological area access.   | C.3.4                   |

| <b>Task</b>  | <b>RAC</b>  | <b>TAC</b>  | <b>PWS Requirements</b> |
|--|---|---|-------------------------|
| 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.3.4                   |
| Computer equipment, hardware, software, IT support | Initiate requests for additional hardware and software through TAC’s Help Desk.<br><br>Safeguard equipment within its possession. | Provide all computer equipment, hardware, software, including maintenance and support. 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 phones and radio communication systems. Obtain and maintain accreditation and authority to operate IT through the EMCBC Authorizing Official. | C.3.5                   |

| <b>Task</b>  | <b>RAC</b>   | <b>TAC</b>   | <b>PWS Requirements</b> |
|--|--|--|-------------------------|
| Safeguards and Security in accordance with DOE Order 470.4B. | 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. Issues security badging and implements site and area access controls. | Develop and manage safeguards and security program. Provide security badges for DOE, RAC, TAC, subcontractors and visitors at all project sites.   | C.3.6                   |
| 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.3.7                   |
| 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. Maintain property management records and Inventory. Support DOE in accountability of sensitive equipment and high value equipment. | C.3.8                   |
| Project Funding and Project Performance Information          | Provide information to the TAC for input into DOE systems.   | Maintain and input project funding and performance information into DOE systems. Input into various DOE systems, such as the Integrated Planning, Accountability and Budgeting System (IPABS).   | C.3.10                  |
| 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.3.10                  |

| <b>Task</b>                                     | <b>RAC</b>  | <b>TAC</b>  | <b>PWS Requirements</b> |
|---|---|---|-------------------------|
| Water Management                                | Maintenance of the fresh water pond including it's integrity, silt control and equipment that feeds the pond. Responsible to manage tailings pore fluid. Responsible for waste oils and fluids associated with site operations.   | Operation of the fresh water pond, and operation and maintenance of the pumping equipment, 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.3.11                  |
| Quality Assurance                               | Responsible to create RAC quality assurance program that is acceptable to DOE and TAC.  | Perform quality assurance independent assessments and surveillances. Integrate the RAC quality assurance program into the overall Moab UMTRA Quality Assurance Plan based on DOE Order 414.1 and 226.1.   | C3.12                   |
| 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.<br><br>The RAC provides personal protective equipment (PPE) for workers, DOE, and visitors who require access to site areas of the Moab and Crescent Junction sites (hard hats, safety glasses, vests). | Overall project-wide and programmatic responsibility for ESH&Q. Prepare ASER. 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.3.13                  |
| Regulatory Compliance                           | Operate the site in compliance with all applicable laws, regulations, and guidelines. Responsible for permits for the excavation and transportation of RRM.   | Obtain and be named as responsible party on most of the required permits. There will be some RAC managed permits  | C.3.14                  |

| <b>Task</b>                    | <b>RAC</b>  | <b>TAC</b>  | <b>PWS Requirements</b> |
|--------------------------------|---|---|-------------------------|
| Independent Verification       | Perform sampling and gamma scanning as may be required for the lower wash, roadways, rail-lines, or in the disposal cell.                                   | Perform Independent Verification of materials and equipment to be released from the Moab MTRA project. Prepare Supplemental Standards Application completion reports for properties to be released. Perform quarterly haul road surveys and otherwise assist in ensuring public safety requirements are met. The TAC has the independent verification contractor responsibility | C.3.15                  |
| Revegetation                   | Maintain native vegetation and control weeds in and around the active work areas and buildings. Perform snow removal as required.                           | Maintain native and mixed vegetation and control weeds on approximately 135 acres associated with the well field area and the verified clean areas. Maintain and operate the irrigation system.   | C.3.16                  |
| Vicinity Properties            | Remediate VPs, as directed by CO  | Perform Inclusion/Exclusion surveys on VP's, to determine RRM content. Conduct Independent Verification.  | C.3.17                  |
| Augmented Technical Assistance | Perform additional tasks as directed by the DOE.  | Perform additional tasks as directed by the DOE.  | C.3.18                  |
| Contract Close-out             | Meet all contractual and regulatory requirements for contract close-out. Assist the TAC and follow-on contractor as needed for seamless project transition. | Meet all contractual and regulatory requirements for contract close-out. Assist the RAC and follow-on contractor as needed for seamless project transition.   | C.3.19                  |

**Moab UMTRA TAC**  
**S&K Logistic Services, LLC**  
**DE-EM0005014**

**Attachment J-10, Training Summary**

| <b>Course Number</b> | <b>Course Name</b>  |
|----------------------|---|
| HS101                | 10 CFR 851 TRAINING   |
| EQ208                | 2006 KENWORTH T-800 4000 GALLON WATER TRUCK SAFETY TRAINING           |
| HW101                | 24 HR HAZARDOUS WASTE SITE INITIAL                                    |
| HW102R               | 8 HR HAZARDOUS WASTE SITE REFRESH.                                    |
| HW200                | 8 HR HAZWOPER SUPERVISOR TRAINING FOR WASTE SITE                      |
| MED01                | ANNUAL HAZWOPER PHYSICAL  |
| MED01T               | BIENNIAL HAZWOPER PHYSICAL  |
| MED02T               | BIENNIAL RESPIRATOR PHYSICAL  |
| HS414                | BLOODBORNE PATHOGENS  |
| EQ235                | BOBCAT SKID-STEER, S175 & S205, SAFETY TRAINING (05-01;05-07)         |
| EQ111                | BOOM CRANES ON MECHANICS TRUCKS OPERATOR REQS CERTIFIED TRAINING/CARD |
| RWP-16-506           | CA Wet Decon Operations CJ 2016                                       |
| EQ261                | CATERPILLAR 825H COMPACTOR SAFETY TRAINING (D 04-09)                  |
| EQ217                | CATERPILLAR 980G LOADER SAFETY TRAINING (05-02)                       |
| EQ220                | CATERPILLAR D8T DOZER SAFETY TRAINING (04-01)                         |
| EQ319                | CHIPPER/SHREDDER OPERATOR TRAINING                                    |
| ES002                | CIRCUIT BREAKER TRAINING  |
| RWP-15-504           | CJ Dump Ramp Attendant 2015   |
| RWP-155041           | CJ Dump Ramp Attendant 2015 Rev 1                                     |
| RWP-15-503           | CJ Equipment Operations 2015  |
| RWP-15-501           | CJ Ground Operation 2015  |
| RWP-15-502           | CJ Maintenance Operation 2015   |
| RWP-155021           | CJ Maintenance Operation 2015 REV 1                                   |
| HS131                | COLD STRESS SAFETY TRAINING   |
| HS322                | COMPRESSED GAS CYLINDER TRAINING                                      |
| IT100.0              | COMPUTER SECURITY AWARENESS TRNG Rev 0                                |
| IT100.1              | COMPUTER SECURITY AWARENESS TRNG Rev 1                                |
| HS324                | CONFINED SPACE ENTRY  |

|            |  |
|------------|--|
| SC101      | COUNTERINTELLIGENCE AWARENESS  |
| RWP-16-204 | Decon Operations MOAB 2016   |
| HS161      | DEFENSIVE DRIVING TRAINING   |
| MED03      | DOT CDL DRIVER PHYSICAL  |
| HM117      | DOT DRIVER TRAINING FOR CDL DRIVERS  |
| HM116      | DOT HAZ MAT TRANS SECURITY AWARENESS   |
| HM100      | DOT HAZ. MAT. TRANS. GEN. AWARENES   |
| HM115      | DOT HAZARDOUS MATERIALS DRIVER   |
| HM118      | DOT SPECIAL PERMIT TRAINING  |
| HM002      | DOT TRAIN INSPECTOR TRAINING   |
| RRPI1102.0 | Drug and Alcohol Use and Testing Policy for Department of Transportation (DOT)/Federal |
| RWP-16-504 | Dump Ramp Attendant 2016   |
| ES001      | ELECTRICAL SAFETY AWARENESS TRNG   |
| ES004      | ELECTRICAL SAFETY FOR NON-ELECTRICAL WORKERS   |
| ER100      | EMERGENCY RESPONSE TRAINING - GJ   |
| ER101      | EMERGENCY RESPONSE TRAINING - MOAB CJ  |
| ER314      | EMR EMERGENCY MEDICAL TECHNICIAN - RESPONDER TRAINING                                  |
| ER315      | EMTB EMERGENCY MEDICAL TECHNICIAN - BASIC TRAINING                                     |
| EC100      | ENVIRONMENTAL MANAGEMENT SYSTEMS   |
| RWP-16-503 | Equipment Operations CJ 2016   |
| RWP-16-202 | Excavation, Equipment Ops MOAB 2016  |
| HS431      | FALL PROTECTON TRAINING  |
| ER107      | FEMA (NIMS) ICS-300 (INCIDENT COMAND SYSTEM) TRAINING                                  |
| ER108      | FEMA (NIMS) ICS-400 (INCIDENT COMAND SYSTEM) TRAINING                                  |
| ER106      | FEMA (NIMS) NATIONAL INCIDENT MANAGEMENT SYSTEM TRAINING                               |
| FS121      | FIELD SERVICES COMPUTER-BASED GAMMA FLOOD SCAN DATA COLLECTION                         |
| FS101      | FIELD SERVICES INDOOR/OUTDOOR RADIOLOGICAL SURVEYS                                     |
| FS113      | FIELD SERVICES MOAB INCLUSION/EXCLUSION SURVEYS  |
| FS104      | FIELD SERVICES PORTABLE GAMMA SCINTILLOMETER MEASUREMENTS                              |
| FS111      | FIELD SERVICES RADIOLOGICAL SOIL SAMPLING  |
| HS434      | FLAGGER TRAINING FOR RAC MOAB UMTRA PROJECT  |
| EQ266      | FORD 1999 F550 MECHANIC TRUCK SAFETY TRAINING (02-03) (W/BOOM CRANE-EQ111)             |
| EQ203      | FREIGHTLINER 2007 4000 GALLON WATER TRUCK(M2 106 MEDIUM)SAFETY TRAINING (08-02)        |
| RP101      | GERT - General Employee Radiological Training  |

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|------------|---|
| RP101A     | GERT-WITH SAFETY BRIEFING FOR RADIOLOGICALLY EXPERIENCED VISTORS                                    |
| HS103      | GLOBALY HARMONIZED SYSTEM (GHS) INITIAL TRAINING  |
| EQ254      | GMC TOPKICK MECHANIC TRUCKS SAFETY TRAINING (02-08;02-20)   |
| PP100      | GOVERNMENT PROPERTY AND VEHICLE TRAINING  |
| RWP-16-501 | Ground Operations CJ 2016   |
| HS102      | HAZARD COMMUNICATION  |
| OR005      | HEADS-UP REPORTING, INCIDENT REPORTING, AND OCCURRENCE REPORTING TRAINING                           |
| HS360      | HEARING CONSERVATION TRAINING   |
| HS130      | HEAT STRESS SAFETY TRAINING   |
| HM400      | IATA TRANSP OF DANGEROUS GOODS/AIR SHIPPER CERT TRAINING  |
| RWP-15-102 | Inspections & Vendors 2015  |
| HS100      | INTEGRATED SAFETY MANAGEMENT  |
| EQ206      | INTERNATIONAL 1995 9200 4000 GALLON WATER TRUCK SAFETY TRAINING (08-03)                             |
| EQ264      | INTERNATIONAL 2005 4000 GAL WATER TRUCK SAFETY TRAINING (08-13)                                     |
| EQ225      | KAWASAKI KAF300A1 MULE SAFETY TRAINING (D 06-13;D 06-14;D 06-15)                                    |
| EQ236      | KENWORTH 2010 T-800 HAUL TRUCK OPERATOR TRAINING (03-16;03-17;03-18)                                |
| EQ237      | KOMATSU D275AX-5EO DOZER TRAINING (D 04-10)   |
| EQ253      | KOMATSU PC400 EXCAVATOR SAFETY TRAINING (05-04;05-05)   |
| EQ226      | LANDA 2012 & ALL OTHER POWER WASHER SAFETY TRAINING (06-01 THRU 06-14 & D 06-05 THRU D 06-08)       |
| HS230      | LEAD AWARENESS SAFETY TRAINING  |
| EQ260      | LID/DE-LID BUILDING OVERHEAD CRANE OPERATOR TRAINING (D 10-13)                                      |
| EQ113      | LINDE REACH STACKER CLASS 7 (PIT) OPERATOR TRAINING REQS CERTIFIED TRAINING/CARD (07-01 THRU 07-05) |
| HS318      | LOCKOUT/TAGOUT PROCEDURES   |
| RWP-16-502 | Maintenance Operations CJ 2016  |
| RWP-15-203 | Maintenance Operations Moab 2015  |
| RWP-152031 | Maintenance Operations Moab 2015-1  |
| RWP-16-203 | Maintenance Operations MOAB 2016  |
| RWP-15-208 | Maintenance W/Respirator  |
| RWP-15-507 | Maintenance W/Respirator NON RAD CJ 2015  |
| RWP-155071 | Maintenance W/Respirator NON RAD CJ 2015 Rev 1  |
| RWP-16-207 | Maintenance With Respirator 2016  |
| RWP-16-507 | Maintenance With Respirator CJ 2016   |
| JSAR001.5  | MB - IWP JSA-001 General Site Hazards - Rev. 5  |
| JSAR001.03 | MB - IWP JSA-001 General Site Hazards - Rev.3   |

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| JSAR001.04 | MB - IWP JSA-001 General Site Hazards - Rev.4  |
| JSAR001.6  | MB - IWP JSA-001 General Site Hazards - Rev.6  |
| JSAR001.7  | MB - IWP JSA-001 General Site Hazards - Rev.7  |
| JSAR002.03 | MB - IWP JSA-002 General Equipment Maintenance - Rev. 3                                      |
| JSAR002.02 | MB - IWP JSA-002 General Equipment Maintenance - Rev.2                                       |
| JSAR003.06 | MB - IWP JSA-003 Facility And Ground Maintenance - Rev.6                                     |
| JSAR003.04 | MB - IWP JSA-003 Project Facility And Ground Maintenance - Rev.4                             |
| JSAR003.05 | MB - IWP JSA-003 Project Facility And Ground Maintenance - Rev.5                             |
| JSAR004.3  | MB - IWP JSA-004 Excavation And Conditioning - Rev.3   |
| JSAR004.4  | MB - IWP JSA-004 Excavation And Conditioning - Rev.4   |
| JSAR005.2  | MB - IWP JSA-005 CA Load Out & Transportation - Rev.2  |
| JSAR005.3  | MB - IWP JSA-005 CA Load Out & Transportation - Rev.3  |
| JSAR005.4  | MB - IWP JSA-005 CA Load Out & Transportation - Rev.4  |
| JSAR006.02 | MB - IWP JSA-006 Lidding Building Operations - Rev. 2  |
| JSAR006.03 | MB - IWP JSA-006 Lidding Building Operations - Rev. 3  |
| JSAR006.04 | MB - IWP JSA-006 Lidding Building Operations - Rev. 4  |
| JSAR007.04 | MB - IWP JSA-007 Reach Stackers And Container Survey Racks - Rev. 4                          |
| JSAR007.03 | MB - IWP JSA-007 Reach Stackers And Container Survey Racks - Rev.3                           |
| JSAR008.03 | MB - IWP JSA-008 Moab Outside Transportation - Rev. 3  |
| JSAR008.02 | MB - IWP JSA-008 Moab Outside Transportation - Rev.2   |
| JSAR009.02 | MB - IWP JSA-009 Railway Operations - Rev. 2   |
| JSAR009.03 | MB - IWP JSA-009 Railway Operations - Rev.3  |
| JSAR010.06 | MB - IWP JSA-010 CJ Outside Transportation - Rev. 6  |
| JSAR010.07 | MB - IWP JSA-010 CJ Outside Transportation - Rev. 7  |
| JSAR010.08 | MB - IWP JSA-010 CJ Outside Transportation - Rev. 8  |
| JSAR010.09 | MB - IWP JSA-010 CJ Outside Transportation - Rev. 9  |
| JSAR011.03 | MB - IWP JSA-011 Disposal Cell Operations - Rev. 3   |
| JSAR011.02 | MB - IWP JSA-011 Disposal Cell Operations - Rev.2  |
| JSAR012.03 | MB - IWP JSA-012 Decon Operation - Rev.3   |
| JSAR012.02 | MB - IWP JSA-012 Decon Operations - Rev.2  |
| JSAR013.03 | MB - IWP JSA-013 Project Container Maintenance - Rev.3                                       |
| JSAR013.04 | MB - IWP JSA-013 Project Container Maintenance - Rev.4                                       |
| JSAR014.03 | MB - IWP JSA-014 Filling The High-Purity Germanium Detector Dewar With Liquid Nitrogen Rev.3 |
| JSAR020.04 | MB - IWP JSA-020 Short Train For Outside Transportation And Railway Operations Rev.4         |

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| JSAR024.00 | MB - IWP JSA-024 Road Maintenance Rev.0  |
| JSAR025.00 | MB - IWP JSA-025 Hydro Vac Truck Operations At The Moab River Inlet Rev.0                            |
| JSAR026.00 | MB - IWP JSA-026 Extraction Of Stuck Haul Truck Rev.0  |
| JSAR027.00 | MB - IWP JSA-027 Removal Of RBA/Construction Of Disposal Cell Berm Rev.0                             |
| JSAR028.00 | MB - IWP JSA-028 Wastequip Haul Trailer Positioning For Maintenance Rev.0                            |
| JSAR029.00 | MB - IWP JSA-029 Construction Of Rail Bench Rock Fall Berm Rev.0                                     |
| JSAR029.01 | MB - IWP JSA-029 Construction Of Rail Bench Rock Fall Berm Rev.1                                     |
| JSAR030.00 | MB - IWP JSA-030 Construction Of The Sun Shade Building Rev.0  |
| JSAR031.00 | MB - IWP JSA-031 Electrical Work Rev.0   |
| JSAR031.01 | MB - IWP JSA-031 Electrical Work Rev.1   |
| JSAR032.00 | MB - IWP JSA-032 HydroVac Truck Operations At The Green River Sediment Pond Rev.0                    |
| JSAR033.00 | MB - IWP JSA-033 Application Of Interior Coating   |
| JSAR034.00 | MB - IWP JSA-034 Excavation Of Phase III Disposal Cell Rev.0   |
| JSAR035.00 | MB - IWP JSA-035 Pipeline Assembly And Testing Rev.0   |
| JSAR036.00 | MB - IWP JSA-036 Office Trailer Mobilization & Set-Up  |
| JSAR037.00 | MB - IWP JSA-037 Truck Cab Shield Testing Rev.o  |
| JSAR038.00 | MB - IWP JSA-038 Container Sidewall Testing - Rev.0  |
| JSAR020.05 | MB - IWP JSA-20 Short Train For Outside Transportation And Railway Operations Rev.5                  |
| JSAR020.06 | MB - IWP JSA-20 Short Train For Outside Transportation And Railway Operations Rev.6                  |
| HS221      | MOAB 3-DAY ON THE JOB TRAINING   |
| SB100      | MOAB UMTRA PRE-ENTRY SITE BRIEF  |
| RWP-16-102 | Monitored Worker Inspection/oversite   |
| RWP-16-101 | NON-Monitored Visitor/Vendor   |
| ER312      | NSC EMERGENCY MEDICAL RESPONSE - INSTRUCTOR CPR AND AED ANNUAL DUES DUE                              |
| ER311      | NSC EMERGENCY MEDICAL RESPONSE - INSTRUCTOR FIRST AID ANNUAL DUES DUE                                |
| ER310      | NSC/AHA EMERGENCY MEDICAL RESPONSE - CPR/AED COURSE  |
| ER309      | NSC/AHA EMERGENCY MEDICAL RESPONSE - FIRST AID   |
| OR003      | OCCURRENCE REPORTING COORDINATOR TRAINING  |
| OR001      | OCCURRENCE REPORTING-MGRS/SPVS   |
| RWP-15-201 | Operations Ground Work Moab 2015   |
| RWP-16-201 | Operations Ground Work MOAB 2016   |
| EQ312      | OUTBACK BRUSH CUTTER (BILLYGOAT) SAFETY TRAINING   |
| EQ204      | PETERBILT 1989 4000 GALLON WATER TRUCK(CONVENTIONAL 377) SAFETY TRAINING (D 08-06)                   |
| EQ205      | PETERBILT 2004 & 2007 4000 GALLON WATER TRUCKS(CONVNTL 330/335 SAFETY TRAINING (D 08-07;08-08 &08-09 |

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|------------|---|
| EQ223      | PLOW AND SALT DOG SANDER SAFETY TRAINING                                      |
| HS304HO    | PORTABLE FIRE EXTINGUISHER HANDS ON TRAINING                                  |
| HS304      | PORTABLE FIRE EXTINGUISHERS CLASS TRAINING                                    |
| ES005      | POWER LINE SAFETY TRAINING  |
| OR006      | PRICE ANDERSON AMENDMENTS ACT TRAINING  |
| PI100      | PRIVACY (DOE) INFORMATION AWARENESS TRAIN'G                                   |
| QC306      | QC CERTIFICATION FOR TAC SAFETY COORDINATOR                                   |
| RWP-152061 | QC Moab With Respirator 2015-01   |
| RWP-16-206 | QC MOAB With Respirator 2016  |
| RWP-16-205 | QC MOAB Without Respirator 2016   |
| RWP-16-505 | QC Operations CJ 2016   |
| QC106      | QUALITY CONTROL INSPECTOR   |
| QA11R      | RAC QA LEAD AUDITOR CERTIFICATION   |
| RP100      | RADIOLOGICAL AWARENESS TRAINING   |
| RT003      | RADIOLOGICAL CONTROL TECHNICIAN   |
| RP102      | RADIOLOGICAL WORKER II TRAINING   |
| RWP-16-508 | RBA Wet Decon Operations CJ 2016  |
| RWP-15-508 | RBA Wet Decon Operations In CJ  |
| RWP-15-103 | RCT Operations 2015   |
| RWP-16-103 | RCT Operations 2016   |
| RM102      | RECORDS MANAGEMENT 102  |
| RM103      | RECORDS MANAGEMENT MANAGERS OVERVIEW  |
| HS352      | RESPIRATOR NOVA3 SUPPLIED AIR RESPIRATORY PROTECTION SYSTEM TRAINING          |
| HS351      | RESPIRATOR PAPR - POWERED AIR PURIFYING RESPIRATOR TRAINING                   |
| MED02      | RESPIRATOR PHYSICAL   |
| HS350      | RESPIRATOR WEARER TRAINING  |
| HS435      | RIGGER AND SIGNALPERSON SAFETY TRAINING                                       |
| EQ293      | ROBOVENT PORTABLE FUME COLLECTOR FOR WELDING OPERATIONS                       |
| HS433      | ROCK WATCH (SPOTTER) TRAINING BRIEF   |
| RR1989.0   | RR - Air Monitoring Technical Basis Manual - Rev. 0                           |
| RR1922.2   | RR - ALARA Program - Rev. 2   |
| RR2111.1   | RR - Basic Requirements For The Use And Maintenance Of Notebooks And Logbooks |
| RR1621.1   | RR - Bloodbourne Pathogens - Rev. 1   |
| RR1621.2   | RR - Bloodbourne Pathogens - Rev. 2   |

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| RR2090.0  | RR - CAES And Trimble Operation Procedure - Rev. 0                                   |
| RR1739.2  | RR - Calibration Of Ludlum 2360 With 43-93 Probe - Rev.2                             |
| RR2194.0  | RR - Calibration Of Ludlum Model L177-84 W/Ludlum Model L43-93 Probe Procedure Rev.0 |
| RR1663.0  | RR - Cause Analysis Procedure - Rev. 0   |
| RR2173.1  | RR - CJ Radiological Buffer Area Contamination Control - Rev. 1                      |
| RR2173.2  | RR - CJ Radiological Buffer Area Contamination Control - Rev. 2                      |
| RR2173.3  | RR - CJ Radiological Buffer Area Contamination Control - Rev.3                       |
| RR2180.0  | RR - Cold Stress Procedure Rev.0   |
| RR1671.8  | RR - Condition Reports - Rev. 8  |
| RR1553.3  | RR - Confined Space Entry - Rev. 3   |
| RR2110.01 | RR - Container Inspection And Maintenance Procedure Rev.1                            |
| RR2185.0  | RR - Container Report Rev. 0   |
| RR1749.4  | RR - Control And Labeling Of Radioactive Material - Rev. 4                           |
| RR1953.2  | RR - Control Of Hot Work - Rev. 2  |
| RR1672.6  | RR - Control Of Measuring And Test Equipment - RAC - Rev. 6                          |
| RR2066.01 | RR - Delivery And Dispensing Of Petroleum Products Procedure Rev. 1                  |
| RR1551.2  | RR - Electrical Safety - Rev.2   |
| RR2071.2  | RR - Emergency Medical Response Program Rev. 2                                       |
| RR1520.12 | RR - Emergency Response Plan - Rev. 12   |
| RR1520.13 | RR - Emergency Response Plan - Rev.13  |
| RR1520.14 | RR - Emergency Response Plan - Rev.14  |
| RR2035.2  | RR - Employee Check In/Out Processing Policy And Procedure - Rev. 2                  |
| RR2067.1  | RR - Employee Concerns Program - Rev. 1  |
| RR1726.4  | RR - Equipment Insp And Preventive Maintenance Program - Rev. 4                      |
| RR1726.5  | RR - Equipment Insp And Preventive Maintenance Program - Rev. 5                      |
| RR1609.2  | RR - Excavation And Trenching - Rev. 2   |
| RR1894.3  | RR - External Dosimetry Technical Basis Manual - Rev. 3                              |
| RR1610.1  | RR - Fall Protection - Rev. 1  |
| RR1610.2  | RR - Fall Protection - Rev.2   |
| RR1555.3  | RR - Fire Safety - Rev. 3  |
| RR1712.3  | RR - Handling, Storage And Shipping - Rev. 3   |
| RR1722.1  | RR - Hazard Categorization - Rev. 1  |
| RR1605.3  | RR - Hazard Communication Program - Rev. 3   |
| RR2122.0  | RR - Heads Up Reporting Procedure - Rev. 0   |

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| RR2160.0 | RR - Health & Safety Suspected Hazardous Residual Radioactive Material Response Procedure - Rev. 0 |
| RR1038.5 | RR - Health And Safety Plan - Rev. 5   |
| RR3003.2 | RR - Health Physics Plan - Rev. 2  |
| RR3003.3 | RR - Health Physics Plan - Rev. 3  |
| RR1617.1 | RR - Hearing Protection And Conservation - Rev. 1  |
| RR2179.0 | RR - Heat Stress Procedure Rev.0   |
| RR1613.2 | RR - Hoisting And Rigging - Rev. 2   |
| RR1708.4 | RR - ID And Control Of Items - Rev. 4  |
| RR2049.1 | RR - Identification And Control Of Nonconforming Items - Rev.1                                     |
| RR1549.6 | RR - Incident and Occurrence Reporting Procedure - Rev. 6  |
| RR1882.2 | RR - Incident Investigation Procedure - Rev.2  |
| RR2136.1 | RR - Incident Reporting Procedure - Rev.1  |
| RR1721.5 | RR - Indoctrination And Training - Rev. 5  |
| RR2125.0 | RR - Industrial Hygiene Airborne Contaminate Sampling - Rev.0                                      |
| RR2157.0 | RR - Industrial Hygiene Baseline Health Risk Assessment Report - Rev.0                             |
| RR1615.2 | RR - Industrial Hygiene Program - Rev. 2   |
| RR2126.0 | RR - Industrial Hygiene Real Time Monitoring - Rev. 0  |
| RR2143.1 | RR - Industrial Hygiene Sampling And Analysis Plan - Rev. 1  |
| RR1710.5 | RR - Inspection - Rev. 5   |
| RR2056.1 | RR - Inspection And Testing Personnel Qualification And Certification - Rev.1                      |
| RR1713.3 | RR - Inspection, Test And Op. Status - Rev. 3  |
| RR1713.4 | RR - Inspection, Test And Op. Status - Rev. 4  |
| RR3001.4 | RR - Integrated Safety Management Program Description - Rev. 4                                     |
| RR3001.5 | RR - Integrated Safety Management Program Description - Rev.5                                      |
| RR1550.6 | RR - Integrated Work Planning And Control - Rev. 6   |
| RR1550.7 | RR - Integrated Work Planning And Control - Rev.7  |
| RR1550.8 | RR - Integrated Work Planning And Control - Rev.8  |
| RR1993.2 | RR - Internal Dosimetry And Bioassay Procedures Manual - Rev. 2                                    |
| RR1913.3 | RR - Internal Dosimetry Technical Basis Manual - Rev. 3  |
| RR1612.3 | RR - Ladder Inspection And Use - Rev. 3  |
| RR1803.7 | RR - Lift Approval - Rev. 7  |
| RR1552.2 | RR - LO/TO (Hazardous Energy Control) - Rev. 2   |
| RR1924.2 | RR - Ludlum 3030 Calibration - Rev.2   |
| RR2153.2 | RR - Ludlum Model 19 Micro R Meter Operation Procedure - Rev.2                                     |

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| RR1702.5  | RR - Management Assessments - Rev. 5  |
| RR2164.1  | RR - Moab Site Hillside Monitoring Plan Rev.1   |
| RR1475.4  | RR - Moab Site Storm Water Pollution Prevention Plan - Rev. 4                                   |
| RR2044.2  | RR - Moab/CJ Facilities And Ground Maintenance Program - Rev.2                                  |
| RR1783.3  | RR - Moisture/Density Testing - Rev. 3  |
| RR1554.3  | RR - Motor Vehicle Safety - Rev. 3  |
| RR1554.4  | RR - Motor Vehicle Safety - Rev.4   |
| RR1978.2  | RR - Occupational Radiation Protection Recordkeeping And Reporting - Rev. 2                     |
| RR2135.1  | RR - Occurrence Reporting Procedure - Rev.1   |
| RR1737.3  | RR - Operation Of Ludlum Model 43-5 Alpha Detector - Rev. 3                                     |
| RR1838.1  | RR - Operation Of MGP DMC 2000S Electronic Dosimeters With Hands-free Reader Rev.1              |
| RR1714.5  | RR - PAAA Reporting - Rev. 5  |
| RR1744.9  | RR - Particulate Air Monitoring Procedure - Rev. 9  |
| RR1750.3  | RR - Performance Testing Of Radiological Instrumentation - Rev.3                                |
| RR1619.2  | RR - Personal Protective Equipment - Rev. 2   |
| RR1845.1  | RR - POD Procedure - Rev. 1   |
| RR1845.2  | RR - POD Procedure - Rev.2  |
| RR1611.2  | RR - Power And Hand Tools - Rev. 2  |
| RR1611.3  | RR - Power And Hand Tools - Rev. 3  |
| RR1573.2  | RR - Pressure Safety - Rev. 2   |
| RR2050.0  | RR - Procedure For Ensuring Safety, Health, Env, And Radcon Of Millsite Riverside Trail - Rev.0 |
| RR1709.5  | RR - Procurement Doc Review - Rev. 5  |
| RR1741.4  | RR - Quality Control For Radioactivity Counting Systems - Rev. 4                                |
| RR1716.5  | RR - Quality Levels Procedure (Q-List) - Rev. 5   |
| RR1717.6  | RR - RAC Audits - Rev. 6  |
| RR1766.11 | RR - RAC Quality Assurance Plan Rev. 11   |
| RR2165.1  | RR - Radar Operations Procedure - Rev.1   |
| RR2165.2  | RR - Radar Operations Procedure - Rev.2   |
| RR610.3   | RR - Radiation Protection Program - Rev. 3  |
| RR610.4   | RR - Radiation Protection Program - Rev.4   |
| RR1885.4  | RR - Radiation Protection Program Manual - Rev. 4   |
| RR1748.4  | RR - Radiological Posting And Access Control - Rev. 4   |
| RR1915.1  | RR - Radiological Training And Qualification Program - Rev. 1                                   |
| RR1950.2  | RR - Radiological Work Permitting Procedure - Rev.2   |

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| RR1939.1 | RR - Radon Flux Measurements - Rev. 1  |
| RR1745.5 | RR - Radon Monitoring - Rev. 5   |
| RR1545.3 | RR - Records Management Manual - Rev. 3  |
| RR1462.1 | RR - Records Management Program Plan - Rev. 1  |
| RR1620.2 | RR - Respiratory Protection - Rev. 2   |
| RR1705.5 | RR - Review Of Vendor Submittals - Rev. 5  |
| RR2162.0 | RR - Robovent Portable Fume Collector For Welding Operations - Rev. 0                                |
| RR1743.3 | RR - RRM Transport Containers Entering And Exiting The Moab Project And Receipt Of Radioactive Mater |
| RR1665.4 | RR - Safety Committee Charter - Rev. 4   |
| RR1665.5 | RR - Safety Committee Charter - Rev. 5   |
| RR1665.6 | RR - Safety Committee Charter - Rev.6  |
| RR1955.2 | RR - Security Operations Procedure - Rev. 2  |
| RR1955.3 | RR - Security Operations Procedure - Rev. 3  |
| RR1884.2 | RR - Site Safety Walkdown And Safety Action List Procedure - Rev. 2                                  |
| RR1884.4 | RR - Site Safety Walkdown And Safety Action List Procedure - Rev.4                                   |
| RR2175.0 | RR - Soil Sample Analysis Using Opposed Crystal System Procedure Rev.0                               |
| RR1477.3 | RR - Spill Prevention, Control, And Countermeasure Plan - Rev. 3                                     |
| RR1933.1 | RR - Standard Practice For Sampling Aggregates - Rev. 1  |
| RR1548.3 | RR - Stop Work Authorization - Rev. 3  |
| RR1548.4 | RR - Stop Work Authorization - Rev.4   |
| RR1918.3 | RR - Subcontract And Vendor Management Procedure - Rev.3   |
| RR1703.6 | RR - Supplier Evaluation - Rev. 6  |
| RR1706.5 | RR - Surveillance Walkthroughs - Rev. 5  |
| RR1704.5 | RR - Suspect And Counterfeit Items - Rev. 5  |
| RR1891.4 | RR - Tailings Pile Management Plan - Rev.4   |
| RR1711.6 | RR - Test Control - Rev. 6   |
| RR1639.8 | RR - Transportation Plan - Rev. 8  |
| RR1639.9 | RR - Transportation Plan - Rev.9   |
| RR2099.0 | RR - Transportation Procedure  |
| RR2099.1 | RR - Transportation Procedure Rev. 1   |
| RR1919.1 | RR - Used Oil Management Plan - Rev. 1   |
| RR1633.2 | RR - Waste Management Plan - Rev. 2  |
| RR1633.3 | RR - Waste Management Plan - Rev.3   |
| RR2150.0 | RR - Wildland Fire Management Plan - Rev.0   |

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| RP102R     | RW II RETRAIN/CHALLENGE/DRESSOUT   |
| SC100      | SECURITY AWARENESS BRIEF   |
| RWP-15-301 | Spray In Liner For Containers  |
| EQ214      | STANLEY HYDRAULIC ROCK BREAKER SAFETY TRAINING   |
| EQ201      | STERLING 2009 LT-9500 HAUL TRUCK (03-08 Thru 03-15)  |
| EQ309      | STIHL CHAINSAW SAFETY TRAINING   |
| QA10P      | SUSPECT AND COUNTERFEIT ITEMS TRAINING - PROJECT WIDE  |
| HS231      | SUSTAINABLE ACQUISITION - "BUYING GREEN"   |
| JSAT001.01 | TAC - IWP JSA-001 Well Development, Modification, And Abandonment - Rev.1                            |
| JSAT001.02 | TAC - IWP JSA-001 Well Development, Modification, And Abandonment - Rev.2                            |
| JSAT002.02 | TAC - IWP JSA-002 General Well Field Maintenance - Rev.2   |
| JSAT002.03 | TAC - IWP JSA-002 General Well Field Maintenance - Rev.3   |
| JSAT003.01 | TAC - IWP JSA-003 Groundwater And Surface Water Sampling, Preservation, Shipment, And Transport - R1 |
| JSAT003.02 | TAC - IWP JSA-003 Groundwater And Surface Water Sampling, Preservation, Shipment, And Transport - R2 |
| JSAT004.01 | TAC - IWP JSA-004 Well Field Extraction Operations, Maintenance, And Repairs - Rev.1                 |
| JSAT004.02 | TAC - IWP JSA-004 Well Field Extraction Operations, Maintenance, And Repairs - Rev.2                 |
| JSAT005.01 | TAC - IWP JSA-005 Well Field Injection Operations, Maintenance, And Repairs - Rev.1                  |
| JSAT005.02 | TAC - IWP JSA-005 Well Field Injection Operations, Maintenance, And Repairs - Rev.2                  |
| JSAT006.01 | TAC - IWP JSA-006 Surface Water Monitoring And Diversion Rev.1                                       |
| JSAT006.02 | TAC - IWP JSA-006 Surface Water Monitoring And Diversion Rev.2                                       |
| JSAT007.01 | TAC - IWP JSA-007 Geoprobe Operations Rev.1  |
| JSAT007.02 | TAC - IWP JSA-007 Geoprobe Operations Rev.2  |
| JSAT008.01 | TAC - IWP JSA-008 OCS Soil Sample Analysis Rev.1   |
| JSAT008.02 | TAC - IWP JSA-008 OCS Soil Sample Analysis Rev.2   |
| JSAT009.01 | TAC - IWP JSA-009 Performance Of Radiological Surveys/Assessments - Rev.1                            |
| JSAT009.02 | TAC - IWP JSA-009 Performance Of Radiological Surveys/Assessments - Rev.2                            |
| JSAT010.01 | TAC - IWP JSA-010 Planting, Seeding, And Soil Preparation - Rev.1                                    |
| JSAT010.02 | TAC - IWP JSA-010 Planting, Seeding, And Soil Preparation - Rev.2                                    |
| JSAT011.01 | TAC - IWP JSA-011 Revegetation Watering System Use, Maintenance, Management, And Repair - Rev.1      |
| JSAT011.02 | TAC - IWP JSA-011 Revegetation Watering System Use, Maintenance, Management, And Repair - Rev.2      |
| JSAT012.01 | TAC - IWP JSA-012 Tree Removal, Chipping, And Pruning - Rev.1  |
| JSAT012.02 | TAC - IWP JSA-012 Tree Removal, Chipping, And Pruning - Rev.2  |
| JSAT013.02 | TAC - IWP JSA-013 Weed Management - Rev.2  |
| JSAT013.03 | TAC - IWP JSA-013 Weed Management - Rev.3  |

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| JSAT014.01 | TAC - IWP JSA-014 GSA Motor Vehicles Rev.1  |
| JSAT014.02 | TAC - IWP JSA-014 GSA Motor Vehicles Rev.2  |
| JSAT015.01 | TAC - IWP JSA-015 Performance Of IT Work In Support Of Project Needs - Rev.1                        |
| JSAT015.02 | TAC - IWP JSA-015 Performance Of IT Work In Support Of Project Needs - Rev.2                        |
| JSAT016.00 | TAC - IWP JSA-016 General Site Hazards - Rev.0  |
| JSAT016.01 | TAC - IWP JSA-016 General Site Hazards - Rev.1  |
| JSAT017.05 | TAC - IWP JSA-017 Site Operations And Maintenance - Rev.5   |
| JSAT017.06 | TAC - IWP JSA-017 Site Operations And Maintenance - Rev.6   |
| JSAT018.01 | TAC - IWP JSA-018 Geotechnical Testing And Inspection - Rev.1                                       |
| JSAT018.03 | TAC - IWP JSA-018 Geotechnical Testing And Inspection - Rev.3                                       |
| JSAT018.04 | TAC - IWP JSA-018 Geotechnical Testing And Inspection - Rev.4                                       |
| JSAT020.01 | TAC - IWP JSA-020 REUTECH MSR102 RADAR UNIT MAINTENANCE Rev.1                                       |
| QA11T      | TAC QA LEAD AUDITOR CERTIFICATION   |
| TSA101     | TAC SYSTEM ADMINISTRATOR TRAINING FOR PLANS, POLICIES, FORMS  |
| TSA102     | TAC SYSTEM ADMINISTRATOR TRAINING FOR SYSTEM SECURITY PLANS   |
| TSA103     | TAC SYSTEM ADMINISTRATOR TRAINING FOR TIDS  |
| EQ222      | TAYLOR GANTRY CRANE W/RUBBER TIRES - OPERATOR TRAINING REQS CERTIFIED TRAINING/CARD (07-08;D 07-12) |
| EQ231      | TEREX LIGHT PLANTS SAFETY TRAINING (01-16; 01-17)   |
| RWP-16-104 | TQT Operation 2016  |
| EQ291      | ULTRASONIC THICKNESS GAUGE SAFETY TRAINING  |
| VB100.3    | Vendor Brief Rev 3 - Moab/Crescent Junction UT  |
| VB100.6    | Vendor Brief Rev 6 - Moab/Crescent Junction UT  |
| RWP-15-101 | Visitor & Tours W/ Escort 2015  |
| RP-F-025   | Visitor Briefing And Access Authorization Form  |
| RWP-15-506 | Wet Decon In CJ   |
| RWP-155061 | Wet Decon In CJ Rev 1   |
| EQ322      | YAMAHA RHINO  |