

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1   230
2. AMENDMENT/MODIFICATION NO. 0048	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. See Schedule	5. PROJECT NO. (If applicable)
6. ISSUED BY EM -Environmental Mgmt Con Bus Ctr EMCBC U.S. Department of Energy EM Consolidated Business Center 550 Main Street, Room 7-010 Cincinnati OH 45202	CODE 893033	7. ADMINISTERED BY (If other than Item 6) EMCBC U.S. Department of Energy EM Consolidated Business Center 250 E. 5th Street, Suite 500 Cincinnati OH 45202	CODE 03001
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) North Wind Portage, Inc. Attn: MICHAEL J. SPRY 1075 S. UTAH AVE. SUITE 200 IDAHO FALLS ID 834023325		(x) 9A. AMENDMENT OF SOLICITATION NO.	
CODE 838285914		9B. DATED (SEE ITEM 11)	
FACILITY CODE		X 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-EM0000842 DE-DT0011049	
		10B. DATED (SEE ITEM 13) 04/20/2016	

**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) Net Increase: \$ [REDACTED]  
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 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: 838285914

Task Order Modification 0048 is a CONFORMING MODIFICATION that reflects the following changes:

- Changes made in Modifications 0001 through 0047.

- Actual performance / quantity delivered for CLIN 0001 Year 2, CLIN 0002 Years 2 and 3, CLIN 0007 Year 3C, and CLIN 0009 Year 3. To wit:

-- Reducing price of CLIN 0001 Year 2 by (\$ [REDACTED]) 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) [REDACTED], Contract Manager	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Ian R. Rexroad
15B. CODE [REDACTED]	16B. UNITED STATES OF AMERICA [REDACTED] (Signature of Contracting Officer)
15C. DATE SIGNED Feb 24, 2020	16C. DATE SIGNED 25 Feb 2020

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North Wind Portage, Inc.

ITEM NO. (A)	SUPPL ES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>-- De-obligating CLIN 0001 Year 2 funds by (\$ ) from \$ to \$ .</p> <p>-- Reducing price of CLIN 0002 Year 2 by (\$ ) from \$ to \$ .</p> <p>-- De-obligating CLIN 0002 Year 2 funds by (\$ ) from \$ to \$ .</p> <p>-- Reducing price of CLIN 0002 Year 3 by (\$ ) from \$ to \$ .</p> <p>-- De-obligating CLIN 0002 Year 3 funds by (\$ ) from \$ to \$ .</p> <p>-- Increasing the price of CLIN 0007 by \$ , from \$ to \$ .</p> <p>-- Increasing the price of CLIN 0009 by \$ , from \$ to \$ .</p> <p>- Moab Fresh Water Pond: Add work to clean out the construction water pond at the Moab site and transport sediment for revegetation support. Reference Contractor email "Contract DE-EM0000842/DE-DT0011049: Proposal for Moab Fresh Water Pond Cleanout, CLIN 01" from , February 5, 2020.</p> <p>-- Increasing the price of CLIN 0001 Year 4 by \$ , from \$ to \$ .</p> <p>- CJ Water Improvements: Add work to improve the Construction Water System facilities at the Green River site. Reference Contractor email "Contract DE-EM0000842/DE-DT0011049: Proposal for CJ Water System Improvements, CLIN 02" from , December 12, 2019.</p> <p>-- Increasing the price of CLIN 0002 Year 4 by \$ , from \$ to \$ .</p> <p>- Increase funding obligation as follows:                      -- Increasing obligation on CLIN 0001 Year 4 by \$ , from \$ to \$ .                      -- Further increasing obligation on CLIN 0001 Year 4 by \$ , from \$ to \$ .                      -- Increasing obligation on CLIN 0002 Year 4 Continued ...</p>				

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	<p>by \$ [REDACTED], from \$ [REDACTED] to \$ [REDACTED].</p> <p>-- Further increasing obligation on CLIN 0002 Year 4 by \$ [REDACTED], from \$ [REDACTED] to \$ [REDACTED].</p> <p>-- Increasing obligation on CLIN 0007 by \$ [REDACTED], from \$ [REDACTED] to \$ [REDACTED].</p> <p>- Change mailing address of Designated Contracting Officer and Alternate Contracting Officer's Representative.</p> <p>- Update Attachment J-3, List of Deliverables, to clarify when annual deliverables are due and incorporate agreed changes regarding frequency and recipient information.</p> <p>- Correct/clean-up document formatting throughout, with no change to substance of task order terms and conditions.</p> <p>###</p> <p>No other changes are intended. As a conforming modification, Mod 0048 reflects the current agreement between the parties and supersedes prior versions of this task order.</p> <p>###</p> <p>Mark For: EMCBC U.S. Department of Energy EM Consolidated Business Center 250 E. 5th Street, Suite 500 Cincinnati OH 45202</p> <p>Payment: OR for EMCBC U.S. Department of Energy Oak Ridge Financial Service Center P.O. Box 6017 Oak Ridge TN 37831</p> <p>FOB: Destination Period of Performance: 10/01/2016 to 09/30/2021</p> <p>Continued ...</p>				

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NAME OF OFFEROR OR CONTRACTOR  
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ITEM NO. (A)	SUPPL ES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00102	<p>Change Item 00102 to read as follows (amount shown is the total amount):</p> <p>Year 2 - Operation of the DOE Moab Site CLIN 1</p> <p>Line item value is: \$ [REDACTED]                      Incrementally Funded Amount: \$ [REDACTED]                      Requisition No: 17EM002862, 18EM003120,                      18EM003435, 18EM003529, 18EM003657, 18EM003813,                      18EM004053, 18EM004454, 18EM004800, 18EM005022,                      18EM005384, 18EM006006, 20EM000205</p> <p>Delivery: 09/30/2018                      Delivery Location Code: 03001                      EMCBC                      US Department of Energy                      EM Consolidated Business Center                      250 E. 5th Street, Suite 500                      Cincinnati OH 45202                      Amount: \$ [REDACTED]                      Accounting Info:                      0 Fund: 00000 Appr Year: 0000 Allottee: 00 Report                      Entity: 000000 Object Class: 00000 Program:                      0000000 Project: 0000000 WFO: 0000000 Local Use:                      0000000                      Funded: \$0.00                      Accounting Info:                      Fund: 01751 Appr Year: 2017 Allottee: 33 Report                      Entity: 490812 Object Class: 25422 Program:                      1111507 Project: 0004382 WFO: 0000000 Local Use:                      0000000                      Funded: \$0.00                      Accounting Info:                      Fund: 01751 Appr Year: 2018 Allottee: 33 Report                      Entity: 490812 Object Class: 25422 Program:                      1111507 Project: 0004382 WFO: 0000000 Local Use:                      0000000                      Funded: \$0.00                      Accounting Info:                      Fund: 01751 Appr Year: 2018 Allottee: 33 Report                      Entity: 490812 Object Class: 25422 Program:                      1111507 Project: 0004382 WFO: 0000000 Local Use:                      0000000                      Funded: \$0.00                      Accounting Info:                      Fund: 01751 Appr Year: 2018 Allottee: 33 Report                      Entity: 490812 Object Class: 25422 Program:                      1111507 Project: 0004382 WFO: 0000000 Local Use:                      0000000                      Continued ...</p>				[REDACTED]



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ITEM NO. (A)	SUPPL ES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00104	<p>Fund: 01751 Appr Year: 2020 Allottee: 33 Report Entity: 490812 Object Class: 25422 Program: 1111507 Project: 0004382 WFO: 0000000 Local Use: 0000000 Funded: -\$ [REDACTED]</p> <p>See Section C.03, Operation of the DOE Moab Site. This CLIN includes all costs and profit throughout the Task Order period of performance related to the operation, including all excavation and transportation of RRM, maintenance, and any other work activity conducted at the DOE Moab Site or in support of Moab Operations.</p> <p>Change Item 00104 to read as follows (amount shown is the total amount):</p> <p>Year 4 - Operation of the DOE Moab Site</p> <p>Line item value is: \$ [REDACTED] Incrementally Funded Amount: \$ [REDACTED] Requisition No: 19EM002139, 20EM000064, 20EM000205, 20EM000411, 20EM000604</p> <p>Delivery: 10/01/2019 Delivery Location Code: 03001 EMCBC US Department of Energy EM Consolidated Business Center 250 E. 5th Street, Suite 500 Cincinnati OH 45202 Amount: \$ [REDACTED]</p> <p>Accounting Info: 0 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: \$0.00</p> <p>Accounting Info: Fund: 01751 Appr Year: 2019 Allottee: 33 Report Entity: 490812 Object Class: 25422 Program: 1111507 Project: 0004382 WFO: 0000000 Local Use: 0000000 Funded: \$0.00</p> <p>Accounting Info: Fund: 01751 Appr Year: 2020 Allottee: 33 Report Entity: 490812 Object Class: 25422 Program: 1111507 Project: 0004382 WFO: 0000000 Local Use: Continued ...</p>				[REDACTED]

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ITEM NO. (A)	SUPPL ES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	0000000 Funded: \$0.00 Accounting Info: Fund: 01751 Appr Year: 2020 Allottee: 33 Report Entity: 490812 Object Class: 25422 Program: 1111507 Project: 0004382 WFO: 0000000 Local Use: 0000000 Funded: \$0.00 Accounting Info: Fund: 01751 Appr Year: 2020 Allottee: 33 Report Entity: 490812 Object Class: 25422 Program: 1111507 Project: 0004382 WFO: 0000000 Local Use: 0000000 Funded: \$ [REDACTED] Accounting Info: Fund: 01751 Appr Year: 2020 Allottee: 33 Report Entity: 490812 Object Class: 25422 Program: 1111507 Project: 0004382 WFO: 0000000 Local Use: 0000000 Funded: \$ [REDACTED]  See Section C.03, Operation of the DOE Moab Site. This CLIN includes all costs and profit throughout the Task Order period of performance related to the operation, including all excavation and transportation of RRM, maintenance, and any other work activity conducted at the DOE Moab Site or in support of Moab Operations.  Change Item 00202 to read as follows (amount shown is the total amount):				
00202	Year 2 - Operation of the DOE Crescent Junction Site CLIN 2 Line item value is: \$ [REDACTED] Incrementally Funded Amount: \$ [REDACTED] Requisition No: 17EM002862, 17EM003036, 18EM003120, 18EM003435, 18EM003529, 18EM003657, 18EM003813, 18EM004053, 18EM004454, 18EM004800, 18EM005022, 18EM005384, 18EM006006, 20EM000205  Delivery: 10/01/2017 Delivery Location Code: 03001 EMCBC US Department of Energy EM Consolidated Business Center 250 E. 5th Street, Suite 500 Cincinnati OH 45202 Continued ...				[REDACTED]



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ITEM NO. (A)	SUPPL ES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Fund: 01751 Appr Year: 2018 Allottee: 33 Report Entity: 490812 Object Class: 25422 Program: 1111507 Project: 0004382 WFO: 0000000 Local Use: 0000000 Funded: \$0.00 Accounting Info: Fund: 01751 Appr Year: 2018 Allottee: 33 Report Entity: 490812 Object Class: 25422 Program: 1111507 Project: 0004382 WFO: 0000000 Local Use: 0000000 Funded: \$0.00 Accounting Info: Fund: 01751 Appr Year: 2018 Allottee: 33 Report Entity: 490812 Object Class: 25422 Program: 1111507 Project: 0004382 WFO: 0000000 Local Use: 0000000 Funded: \$0.00 Accounting Info: Fund: 01751 Appr Year: 2018 Allottee: 33 Report Entity: 490812 Object Class: 25422 Program: 1111507 Project: 0004382 WFO: 0000000 Local Use: 0000000 Funded: \$0.00 Accounting Info: Fund: 01751 Appr Year: 2018 Allottee: 33 Report Entity: 490812 Object Class: 25422 Program: 1111507 Project: 0004382 WFO: 0000000 Local Use: 0000000 Funded: \$0.00 Accounting Info: Fund: 01751 Appr Year: 2018 Allottee: 33 Report Entity: 490812 Object Class: 25422 Program: 1111507 Project: 0004382 WFO: 0000000 Local Use: 0000000 Funded: \$0.00 Accounting Info: Fund: 01751 Appr Year: 2020 Allottee: 33 Report Entity: 490812 Object Class: 25422 Program: 1111507 Project: 0004382 WFO: 0000000 Local Use: 0000000 Funded: -\$ [REDACTED]</p> <p>See Section C.04, Operation of the DOE Crescent Junction Site. This CLIN includes all costs and profit throughout the Task Order period of performance related to the operation, including placement and compaction of RRM in the Disposal Cells, maintenance, and any other work activity conducted at the DOE Crescent Junction Site or in support of Crescent Junction Operations. Continued ...</p>				

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ITEM NO. (A)	SUPPL ES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00203	<p>Change Item 00203 to read as follows (amount shown is the total amount):</p> <p>Year 3 - Operation of the DOE Crescent Junction Site CLIN 2                      Line item value is: \$ [REDACTED]                      Incrementally Funded Amount: \$ [REDACTED]                      Requisition No: 18EM006006, 19EM000042, 19EM000323, 19EM000526, 19EM000853, 19EM001540, 20EM000205</p> <p>Delivery: 10/01/2018                      Delivery Location Code: 03001                      EMCBC                      US Department of Energy                      EM Consolidated Business Center                      250 E. 5th Street, Suite 500                      Cincinnati OH 45202                      Amount: \$ [REDACTED]</p> <p>Accounting Info:                      0 Fund: 00000 Appr Year: 0000 Allottee: 00 Report                      Entity: 000000 Object Class: 00000 Program:                      0000000 Project: 0000000 WFO: 0000000 Local Use:                      0000000                      Funded: \$0.00</p> <p>Accounting Info:                      Fund: 01751 Appr Year: 2018 Allottee: 33 Report                      Entity: 490812 Object Class: 25422 Program:                      1111507 Project: 0004382 WFO: 0000000 Local Use:                      0000000                      Funded: \$0.00</p> <p>Accounting Info:                      Fund: 01751 Appr Year: 2019 Allottee: 33 Report                      Entity: 490812 Object Class: 25422 Program:                      1111507 Project: 0004382 WFO: 0000000 Local Use:                      0000000                      Funded: \$0.00</p> <p>Accounting Info:                      Fund: 01751 Appr Year: 2019 Allottee: 33 Report                      Entity: 490812 Object Class: 25422 Program:                      1111507 Project: 0004382 WFO: 0000000 Local Use:                      0000000                      Funded: \$0.00</p> <p>Accounting Info:                      Fund: 01751 Appr Year: 2019 Allottee: 33 Report                      Entity: 490812 Object Class: 25422 Program:                      1111507 Project: 0004382 WFO: 0000000 Local Use:                      0000000                      Continued ...</p>				[REDACTED]

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ITEM NO. (A)	SUPPL ES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00204	<p>Funded: \$0.00 Accounting Info: Fund: 01751 Appr Year: 2019 Allottee: 33 Report Entity: 490812 Object Class: 25422 Program: 1111507 Project: 0004382 WFO: 0000000 Local Use: 0000000 Funded: \$0.00 Accounting Info: Fund: 01751 Appr Year: 2019 Allottee: 33 Report Entity: 490812 Object Class: 25422 Program: 1111507 Project: 0004382 WFO: 0000000 Local Use: 0000000 Funded: \$0.00 Accounting Info: Fund: 01751 Appr Year: 2020 Allottee: 33 Report Entity: 490812 Object Class: 25422 Program: 1111507 Project: 0004382 WFO: 0000000 Local Use: 0000000 Funded: -\$ [REDACTED]</p> <p>See Section C.04, Operation of the DOE Crescent Junction Site. This CLIN includes all costs and profit throughout the Task Order period of performance related to the operation, including placement and compaction of RRM in the Disposal Cells, maintenance, and any other work activity conducted at the DOE Crescent Junction Site or in support of Crescent Junction Operations.</p> <p>Change Item 00204 to read as follows (amount shown is the total amount):</p> <p>Year 4 - Operation of the DOE Crescent Junction Site Line item value is: \$ [REDACTED] Incrementally Funded Amount: \$ [REDACTED] Requisition No: 20EM000205, 20EM000411, 20EM000604</p> <p>Delivery: 10/01/2020 Delivery Location Code: 03001 EMCBC US Department of Energy EM Consolidated Business Center 250 E. 5th Street, Suite 500 Cincinnati OH 45202 Amount: \$ [REDACTED] Accounting Info: 0 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: Continued ...</p>				[REDACTED]

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	<p>0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: \$0.00 Accounting Info: Fund: 01751 Appr Year: 2020 Allottee: 33 Report Entity: 490812 Object Class: 25422 Program: 1111507 Project: 0004382 WFO: 0000000 Local Use: 0000000 Funded: \$0.00 Accounting Info: Fund: 01751 Appr Year: 2020 Allottee: 33 Report Entity: 490812 Object Class: 25422 Program: 1111507 Project: 0004382 WFO: 0000000 Local Use: 0000000 Funded: \$ [REDACTED] Accounting Info: Fund: 01751 Appr Year: 2020 Allottee: 33 Report Entity: 490812 Object Class: 25422 Program: 1111507 Project: 0004382 WFO: 0000000 Local Use: 0000000 Funded: \$ [REDACTED]</p> <p>See Section C.04, Operation of the DOE Crescent Junction Site. This CLIN includes all costs and profit throughout the Task Order period of performance related to the operation, including placement and compaction of RRM in the Disposal Cells, maintenance, and any other work activity conducted at the DOE Crescent Junction Site or in support of Crescent Junction Operations.</p> <p>Change Item 00602 to read as follows (amount shown is the total amount):</p>				
00602	<p>CLIN 0007 Transportation Costs of tailing from Moab to Crescent Junction - Fixed Unit Rate CLIN for Years 1 through 5 Line item value is: \$ [REDACTED] Incrementally Funded Amount: \$ [REDACTED] Requisition No: 17EM000675, 17EM001656, 17EM002862, 18EM003120, 18EM003435, 18EM003529, 18EM003657, 18EM003813, 18EM004053, 18EM004454, 18EM004800, 18EM005022, 18EM005384, 18EM006006, 19EM000042, 19EM000323, 19EM000526, 19EM000853, 19EM001253, 19EM001615, 19EM002139, 19EM002415, 20EM000064, 20EM000205, 20EM000604</p> <p>Delivery: 09/30/2021 Delivery Location Code: 03001 Continued ...</p>				[REDACTED]



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North Wind Portage, Inc.

ITEM NO. (A)	SUPPL ES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00900	<p>Accounting Info: Fund: 01751 Appr Year: 2020 Allottee: 33 Report Entity: 490812 Object Class: 25422 Program: 1111507 Project: 0004382 WFO: 0000000 Local Use: 0000000 Funded: -\$ [REDACTED]</p> <p>Accounting Info: Fund: 01751 Appr Year: 2020 Allottee: 33 Report Entity: 490812 Object Class: 25422 Program: 1111507 Project: 0004382 WFO: 0000000 Local Use: 0000000 Funded: \$ [REDACTED]</p> <p>This is a fixed unit rate CLIN for costs associated with the transportation of tailings from Moab to Crescent Junction. The original contract had these costs on CLIN 0001. Mod 0006 transfers those out to a separate CLIN for tracking purposes.</p> <p>Change Item 00900 to read as follows (amount shown is the total amount):</p> <p>CLIN 0009 - Crescent Junction Site Operations (increased production) Line item value is: \$ [REDACTED] Incrementally Funded Amount: \$ [REDACTED] Requisition No: 19EM001615, 19EM002139, 20EM000064, 20EM000205</p> <p>Delivery: 1 Days After Award Delivery Location Code: 03006 EMCBC - Grand Junction U.S. Department of Energy Grand Junction Office (Moab, Utah) 200 Grand Avenue Suite 500 Grand Junction CO 81501 Amount: \$ [REDACTED]</p> <p>Accounting Info: Fund: 01751 Appr Year: 2019 Allottee: 33 Report Entity: 490812 Object Class: 25422 Program: 1111507 Project: 0004382 WFO: 0000000 Local Use: 0000000 Funded: \$0.00</p> <p>Accounting Info: Fund: 01751 Appr Year: 2019 Allottee: 33 Report Entity: 490812 Object Class: 25422 Program: 1111507 Project: 0004382 WFO: 0000000 Local Use: 0000000 Funded: \$0.00 Continued ...</p>				[REDACTED]

**CONTINUATION SHEET**

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
DE-EM0000842/DE-DT0011049/0048

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NAME OF OFFEROR OR CONTRACTOR  
North Wind Portage, Inc.

ITEM NO. (A)	SUPPL ES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
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**PART I – THE SCHEDULE**

**SECTION B - SUPPLIES OR SERVICES PRICES/COST**

B.01 TASK ORDER TYPE – ITEMS BEING ACQUIRED .....B-2  
B.02 PRICE SCHEDULE .....B-2  
B.03 LIMITATION OF GOVERNMENT’S OBLIGATION .....B-13  
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**PART I – THE SCHEDULE**

**SECTION B - SUPPLIES OR SERVICES PRICES/COST**

Section B of the ID/IQ Basic Contract, DE-EM0000842, is applicable and is hereby incorporated by reference, unless otherwise noted\*. In addition, the following clauses will apply:

**B.01 TASK ORDER TYPE – ITEMS BEING ACQUIRED**

This a Fixed Price (Unit Rate) with a Cost Reimbursable CLIN for equipment and vehicles Task Order for Environmental Remediation at the Department of Energy (DOE) Moab Site in Moab, Utah. This Task Order is being issued under the Environmental Management Nationwide ID/IQ – Set Aside contract DE-EM0000842 and is for the purpose of operating and maintaining the DOE Moab and Crescent Junction Sites. Operating activities include: excavating Residual Radioactive Material (RRM) at the Moab Site and transporting the RRM via rail to the DOE Crescent Junction Site for placement and compaction (disposal). This Task Order is also for the purpose of continuous placement of interim cover, excavation and construction of the Phase 3 Disposal Cell at the DOE Crescent Junction Site, and the remediation of the final Vicinity Property.

In performing this Task Order, the Contractor shall furnish all personnel, facilities, equipment, material, supplies and services (except for the Government Furnished Services/Items identified in Attachment J-5, Government Furnished Property and Information List, and Services Provided by the Technical Assistance Contractor (TAC) as identified in the Attachment J-10, Interface Matrix Requirement and Government Furnished Services, and otherwise do all things necessary for or incident to performing all the requirements of this Task Order.

This Task Order applies performance based contracting approaches and expects the Contractor to implement techniques that emphasize safe, efficient and measureable work.

**B.02 PRICE SCHEDULE**

The following is pricing summary of the Task Order by CLIN and year:

Price Schedule	Year 1 10/1/16 – 9/30/17	Year 2 10/1/17 – 9/30/18	Year 3 10/1/18 – 9/30/19	Year 4 10/1/19 – 9/30/20	Year 5 10/1/20 – 9/30/21	TOTAL
CLIN 0001						
CLIN 0002						
CLIN 0003	\$-	\$-				
CLIN 0004			N/A	N/A	N/A	
CLIN 0005	N/A	TBD	TBD	TBD	TBD	\$-
CLIN 0006						
CLIN 0007						
CLIN 0008	N/A	N/A				
CLIN 0009	N/A	N/A				
<b>Task Order Total</b>						<b>\$184,343,509.92</b>

**CLIN 0001 – Operation of the DOE Moab Site** - See Section C.03, Operation of the DOE Moab Site. This CLIN includes all costs and profit throughout the Task Order period of performance related to the operation, including all excavation and transportation of RRM, maintenance, and any other work activity conducted at the DOE Moab Site or in support of Moab Operations.

Year	Schedule of Supplies/Services	Quantity	Unit Of Measure	Unit Price	Extended Amount <sup>4,5</sup>
1	Operation of the DOE Moab Site	12	Month	██████████	██████████
1	Linde Reach Stacker Transmission	1	LS	██████████	██████████
1	Materials for Container Coatings	1	LS	██████████	██████████
1	Coating Containers (Task 2)	1	LS	██████████	██████████
1	Container Demobilization	1	LS	██████████	██████████
1	Fresh Water Pond	1	LS	██████████	██████████
1	Electrical Substation	1	LS	██████████	██████████
1	Conduit and Can/Meter Socket	1	LS	██████████	██████████
Total CLIN 1 – Year 1 \$					██████████
2	Operation of the DOE Moab Site	12	Month	██████████	██████████
2	Coating Containers (Task 2) Additional 50	1	LS	██████████	██████████
2	Replacement of a DOE Owned Truck Crane	1	LS	██████████	██████████
2	Truck engine rebuilds	3*	EA	██████████	██████████
2	Coat 11 containers	11	EA	██████████	██████████
Total CLIN 1 – Year 2 \$					██████████
3	Operation of the DOE Moab Site	12	Month	██████████	██████████
3	Autoclave De-scope	12	Month	(\$██████████)	(\$██████████)
3	Container Purchase	51	EA	██████████	██████████
3	Queue Asphalt Repair	1	EA	██████████	██████████
Total CLIN 1 – Year 3 \$					██████████
4	Operation of the DOE Moab Site	12	Month	██████████	██████████
4	Fresh Water Pond Cleanout	1	LS	██████████	██████████
Total CLIN 1 – Year 4 \$					██████████
5	Operation of the DOE Moab Site	12	Month	██████████	██████████
<b>CLIN 0001 TOTAL</b>					<b>\$██████████</b>

**(Mod 0005) BREAKDOWN (CLIN 0001)**

Reference: Proposal *Linde Reach Stacker #07-03*, December 2, 2016.

Proposal	Estimated Cost	Fee	Total
Linde Reach Stacker	██████████	██████████	██████████
TOTAL			██████████

**(Mod 0006) BREAKDOWN (CLIN 0001)**

The purpose of negotiations was to re-negotiate CLINs 0001 and 0002 as a result of the change in shipping operations for shipping from four trains to two trains per week. Reference: Proposal PI-16-066, *Request for Proposal (RFP) No. DE-SOL-0008477, Moab Remedial Action Logical Follow-On – Revision 4* dated November 17, 2016.

Proposal	Estimated Cost	Fee	Total
PI-16-066			
TOTAL			

**(Mod 0007) BREAKDOWN (CLIN 0001)**

Reference: Proposal BFS-007-17, *Proposal for Task 1 of the Container Coating Project, Obtain Coating Materials at the Moab Site - CLIN 01* dated January 31, 2017.

Proposal	Estimated Cost	Fee	Total
Materials for Container Coatings			
TOTAL			

**(Mod 0008) BREAKDOWN (CLIN 0001)**

Make changes to the total amount of the CLIN as a result of the negotiation of the proposal for coating additional containers and for the fresh water pond sediment removal. Reference: Proposal BFS-011-17, *Proposal for Task 2 of the Container Coating Project, Coat 50 Containers - CLIN 01* dated February 13, 2017; and Proposal BFS-015-17, *Proposal for Sediment Removal of the Fresh Water Pond and Replacement of the Turbidity Curtain - CLIN 01* dated February 21, 2017.

Proposal	Estimated Cost	Fee	Total
BFS-011-17 Container Coating (task 2)			
BFS-015-17 Fresh Water Pond			
TOTAL			

**(Mod 0009) BREAKDOWN (CLIN 0001)**

Reference: Proposal BFS-013-17, *Proposal to Replace the Electrical Substation and the Electrical Power Run to Air Sampler #1 02 - CLIN 01* dated February 15, 2017.

Proposal	Estimated Cost	Fee	Total
BFS-013-17			
TOTAL			

**(Mod 0011) BREAKDOWN (CLIN 0001)**

DOE hereby issues this bilateral modification to Task Order DE-DT0011049 as a result of demobilization costs for containers which were incorporated into Portage’s proposal BFS-028-17. Although DOE will not be coating the 30 additional containers at this time included in Task 3, DOE has agreed to cover the associated demobilization costs which were included in the Task 3 Proposal.

Reference: Proposal BFS-028-17, *Proposal for Task 3 of the Container Coating Project, Coat 94 Containers- CLIN 01* dated April 12, 2017.

Proposal	Estimated Cost	Fee	Total
BFS-028-17 (updated per email 5/1/17 and 5/4/2017))			
TOTAL			

**(Mod 0013) BREAKDOWN (CLIN 0001)**

Reference: Proposals for Can/Meter Sockets (submitted July 12, 2017) and Concrete Encased Conduit (submitted August 9, 2017).

Proposal	Fixed Price
Can/Meter Socket Addition	██████████
Conduit Encased in Concrete	██████████
<b>TOTAL</b>	██████████

**(Mod 0023) BREAKDOWN (CLIN 0001)**

Reference: Proposal BFS-007-18, *Proposal for Coating Additional 50 Containers- CLIN 01* dated February 2, 2018.

Proposal	Estimated Cost	Fee	Total
BFS-007-18 Container Coating (task 2)	██████████	██████████	██████████
<b>TOTAL</b>			██████████

**(Mod 0025) BREAKDOWN (CLIN 0001)**

Reference: Proposal BFS-016-18, *Proposal for the Replacement of a DOE Owned Truck Crane- CLIN 01* dated March 28, 2018.

Proposal	Fixed Price
Replacement of a DOE Owned Truck Crane	██████████
<b>TOTAL</b>	██████████

**(Mod 0028) BREAKDOWN (CLIN 0001)**

Reference: Proposal BFS-026-18, *Proposal for the Engine Repair of up to 3 DOE Owned Kenworth T800 Trucks- CLIN 01* dated May 7, 2018.

Task	Fixed Price
Engine Rebuild (Truck 1, #03-16)	██████████
Engine Rebuild (Truck 2, #03-18)	██████████
Engine Rebuild (Truck 3, #03-17)*	██████████
<b>Total</b>	██████████

\*Note: The above work for Truck 3 shall not commence until Truck 3 begins experiencing the expected engine problems, as determined in writing by the COR.

**(Mod 0029) BREAKDOWN (CLIN 0001)**

Reference: Proposal BFS-028-18, *Proposal for Coating up to an Additional 20 Containers- CLIN 01* dated May 14, 2018.

Task	Fixed Price
Coat up to* 20 additional containers (per container)	██████████
<b>Total (if 20 containers coated)</b>	██████████

\*Note: The above work shall continue until 20 containers are coated or the supply of coating material is exhausted, whichever comes first. The contractor may only invoice for containers actually coated.

**ACTUAL (Mod 0048):** 11 containers were coated at the stated per-container price for a total cost of \$██████████.

**(Mod 0033) Autoclave De-scope:**

The following WBS elements are removed from the contract scope of work:

- a. CLIN 0001 – Year 3
  - i. WBS 1.1.2.3.2 Autoclave Management
  - ii. WBS 1.1.6.1.2 Truck Transportation of Autoclaves
- b. CLIN 0002 Year 3
  - i. WBS 1.2.2.3 Oversized Material Placement

**(Mod 0036) CONTAINER PURCHASE (CLIN 0001)**

CLIN 0001 is modified to add the purchase of 51 intermodal shipping containers. Reference: Contractor email, *RE: DE-DT0011049 RAC: Request for Proposal – Containers*, from [REDACTED], Sept 11, 2018.

**(Mod 0038) ASPHALT REPAIR (CLIN 0001)**

CLIN 0001 is modified to add the repair of queue asphalt at the Moab, UT site as described in Contractor letter NW-2018-225, October 12, 2018, from [REDACTED].

**(Mod 0048) TRUE-UP (CLIN 0001)**

CLIN 0001 Year 4 is modified to add work to clean out the fresh water pond at the Moab site. Reference Contractor email, *Contract DE-EM0000842/DE-DT0011049: Proposal for Moab Fresh Water Pond Cleanout, CLIN 01*, from [REDACTED], February 5, 2020.

**CLIN 0002 – Operation of the DOE Crescent Junction Site** - See Section C.04, Operation of the DOE Crescent Junction Site. This CLIN includes all costs and profit throughout the Task Order period of performance related to the operation, including placement and compaction of RRM in the Disposal Cells, maintenance, and any other work activity conducted at the DOE Crescent Junction Site or in support of Crescent Junction Operations.

Year	Schedule of Supplies/Services	Unit of Measure	Fixed Unit Rate <sup>1</sup>	Estimated Quantity <sup>2</sup>	Extended Price <sup>1</sup>	Actual Ordered Quantity <sup>3</sup>	Actual Ordered Extended Price <sup>3</sup>
1	Operation of the DOE Crescent Junction Site	Tons	\$ [REDACTED]			466,615	\$ [REDACTED]
1	Caterpillar Compactor Transmission Repair	LS	\$ [REDACTED]			1	\$ [REDACTED]
Total CLIN 2 – Year 1							\$ [REDACTED]
2	Operation of the DOE Crescent Junction Site	Tons	\$ [REDACTED]			477,667	\$ [REDACTED]
2	Project Design Costs	LS	\$ [REDACTED]			1	\$ [REDACTED]
Total CLIN 2 – Year 2							\$ [REDACTED]
3	Operation of the DOE Crescent Junction Site	Tons	\$ [REDACTED]			498,844	\$ [REDACTED]
3	Debris Cell Design	LS	\$ [REDACTED]			1	\$ [REDACTED]
Total CLIN 2 – Year 3							\$ [REDACTED]
4	Operation of the DOE Crescent Junction Site	Tons	\$ [REDACTED]	477,751	\$ [REDACTED]	TBD	TBD
4	CJ Water Improvements	Svc-QTY	\$ [REDACTED]	1		1	\$ [REDACTED]
Total CLIN 2 – Year 4							\$ [REDACTED]
5	Operation of the DOE Crescent Junction Site	Tons	\$ [REDACTED]	467,970	\$ [REDACTED]	TBD	TBD
Total – All Years							\$ [REDACTED]

**(Mod 0006) BREAKDOWN (CLIN 0001)**

The purpose of negotiations was to re-negotiate CLINs 0001 and 0002 as a result of the change in shipping operations for shipping from four trains to two trains per week. Reference: Proposal PI-16-066, Request for Proposal (RFP) No. DE-SOL-0008477, Moab Remedial Action Logical Follow-On – Revision 4 dated November 17, 2016.

Proposal	Estimated Cost	Fee	Total
PI-16-066	[REDACTED]	[REDACTED]	[REDACTED]
TOTAL			[REDACTED]

**(Mod 0007) BREAKDOWN (CLIN 0001)**

Make changes to the total amount of the CLIN as a result of the negotiation of the proposal to repair the DOE Owned Caterpillar. Reference: Proposal BFS-010-17, Proposal for the Transmission Repair of the DOE Owned Caterpillar 825- CLIN 02 dated February 2, 2017.

Proposal	Estimated Cost	Fee	Total
BFS-010-17	[REDACTED]	[REDACTED]	[REDACTED]
TOTAL			[REDACTED]

**(Mod 0038) DEBRIS CELL DESIGN (CLIN 0002)**

CLIN 0002 is modified to add the design of a debris cell at the Crescent Junction, UT site as described in Contractor letter NW-2018-122, September 25, 2018, from [REDACTED].

**(Mod 0042) ACTUALS ADJUSTMENT (CLIN 0002)**

CLIN 0002 Year 3 is modified to add 19,159 tons of waste to the ceiling value (for a total waste ceiling of 502,600 tons). Reference contractor email "CLIN 0002 Tons" from [REDACTED], June 6, 2019

**(Mod 0048) TRUE-UP (CLIN 0002)**

CLIN 0002 Year 2 is modified to reflect actual quantity of 477,667 tons (\$ [REDACTED]) and Year 3 is modified to reflect actual quantity of 498,844 tons (\$ [REDACTED]).

CLIN 0002 Year 4 is modified to add work to improve the Construction Water System facilities at the Green River site. Reference Contractor email "Contract DE-EM0000842/DE-DT0011049: Proposal for CJ Water System Improvements, CLIN 02" from [REDACTED], December 12, 2019.

**CLIN 0003 – Construction of Interim Cover at DOE Crescent Junction Site** - See Section C.4.4, Disposal Cell Interim Cover. This CLIN includes all costs and profit throughout the Task Order period of performance related to the construction of all remaining interim covers at the DOE Crescent Junction Site. The Annual Firm Fixed Price (Unit Rate) is the rate per cubic yard (CY) to construct and perform all activities associated with the construction of all remaining interim covers.

CLIN 3 INTERIM COVER						
Year	SCHEDULE OF SUPPLIES/SERVICES	UNITS	FIXED UNIT RATE	QUANTITY	PRICE	Note
1	Construction of Interim Cover at DOE Crescent Junction Site	Cubic Yards (CY) (y <sup>3</sup> )	[REDACTED]	0.00	\$0.00	Actual
2	(same)	"	[REDACTED]	0.00	\$0.00	Actual
3	(same)	"	[REDACTED]	4,372.05	\$ [REDACTED]	Actual
4	(same)	"	[REDACTED]	30,000.00	\$ [REDACTED]	Estimate
5	(same)	"	[REDACTED]	30,000.00	\$ [REDACTED]	Estimate
<b>CLIN 0003 Total:</b>					<b>\$ [REDACTED]</b>	

**CLIN 0004 – Construction of Phase 3 Disposal Cell at DOE Crescent Junction Site** - See Section C.4.5, Phase 3 Cell Excavation and Construction. This CLIN includes all costs and profit throughout the Task Order period of performance related to the design and construction of Phase 3 Disposal Cell at the DOE Crescent Junction Site. The Annual Firm Fixed Price (Unit Rate) is the rate per cubic yard (CY) to construct and perform all activities associated with the Phase 3 Disposal Cell at the DOE Crescent Junction Cell.

CLIN 4 CJ DISPOSAL CELL						
Year	SCHEDULE OF SUPPLIES/SERVICES	UNITS	FIXED UNIT RATE	QUANTITY	PRICE	Note
1	Design and Construction of Phase 3 Disposal Cell at DOE Crescent Junction Site	Cubic Yards (CY) (y <sup>3</sup> )	\$ [REDACTED]	497,154	\$ [REDACTED]	Actual
2	(same)	"	\$ [REDACTED]	1,000,000	\$ [REDACTED]	Estimate
<b>CLIN 0004 Total:</b>					\$ [REDACTED]	

**CLIN 0005 – RESERVED** - This CLIN is reserved for work associated with Section C.05 for Remediation of Vicinity Property 137 (Bert’s Auto Site). It is anticipated that the property owner of the Bert’s Auto Site will complete all required remediation activities between task order years 2-5 (2017-2021). After these activities are completed by the property owner, and the Moab Technical Assistance Contractor (TAC) completes a characterization survey, DOE will provide subsequent information to Portage and enter into negotiations to price and award Contract Change Proposal (CCP) on a fixed price basis for CLIN 0005.

Year	Schedule of Supplies/Services	Quantity	Unit of Measure	Fixed Unit Price	Extended Amount
Note	Remediation of Vicinity Property 137 (Bert’s Auto Site)	1	Lump Sum	\$TBD	\$TBD

**CLIN 0006 – Equipment and Vehicles<sup>5</sup> (Cost-Plus Fixed Fee):** This is a cost reimbursement CLIN for costs associated with acquiring the equipment and vehicles necessary to perform under the contract.

Estimated Cost: \$ [REDACTED]  
 Fixed Fee: \$ [REDACTED]  
**Total:** \$ [REDACTED]

The fixed fee shall be paid on a monthly basis after submittal of an appropriate invoice. Payment of fixed fee is subject to the requirements of Section I.135, DEAR 952.223-77 *Conditional Payment of Fee or Profit – Protection of Workers Safety and Health* (DEC 2010).

**CLIN 0007 – Transportation Costs (Fixed Unit Rate):** This is a Fixed Unit Rate CLIN for cost associated with the transportation of tailings from Moab to Crescent Junction.

YEAR	SCHEDULE OF SUPPLIES/SERVICES	UNIT OF MEASURE	FIXED UNIT RATE <sup>1</sup>	ESTIMATED QUANTITY <sup>2</sup>	EXTENDED PRICE <sup>1</sup>	ACTUAL ORDERED QUANTITY <sup>3</sup>	ACTUAL ORDERED EXTENDED PRICE <sup>3</sup>
1	Transportation of tailings from Moab to CJ	Shipment (EA)	██████████			102	██████████
1A	Addition of 35 <sup>th</sup> car	Rail Car (EA)	██████████			24	██████████
1B	Addition of 36 <sup>th</sup> car	Rail Car (EA)	██████████			0	\$0.00
2	Transportation of tailings from Moab to CJ	Shipment (EA)	██████████			100	██████████
2A	Addition of 35 <sup>th</sup> car	Rail Car (EA)	██████████			100	██████████
2B	Addition of 36 <sup>th</sup> car	Rail Car (EA)	██████████			52	██████████
3	Transportation of tailings from Moab to CJ (base)	Shipment (EA)	██████████			109	██████████
3A	Addition of 35 <sup>th</sup> car	Rail Car (EA)	██████████			105	██████████
3B	Addition of 36 <sup>th</sup> car	Rail Car (EA)	██████████			104	██████████
3C	Transportation of tailings from Moab to CJ (Increased Production)	Shipment (EA)	██████████			50	██████████
4	Transportation of tailings from Moab to CJ (base)	Shipment (EA)	██████████	99	██████████	TBD	
4A	Addition of 35 <sup>th</sup> car	Rail Car (EA)	██████████	99	██████████	TBD	
4B	Addition of 36 <sup>th</sup> car	Rail Car (EA)	██████████	99	██████████	TBD	
4C	Transportation of tailings from Moab to CJ (Increased Production)	Shipment (EA)	██████████	97	██████████	TBD	
5	Transportation of tailings from Moab to CJ (base)	Shipment (EA)	██████████	97	██████████	TBD	
5A	Addition of 35 <sup>th</sup> car	Rail Car (EA)	██████████	97	██████████	TBD	
5B	Addition of 36 <sup>th</sup> car	Rail Car (EA)	██████████	97	██████████	TBD	
5C	Transportation of tailings from Moab to CJ (Increased Production)	Shipment (EA)	██████████	99	██████████	TBD	
<b>CLIN 0007 Total</b>							██████████

\*This CLIN will allow periods when a train does not ship or ships with fewer than 136 containers. Conversely, this CLIN serves to provide compensation for the situation where more than 99 trains are shipped, or more than 136 containers are on a train, thus ensuring there is no dis-incentive associated with accelerated transport of RRM.

CLIN 0007 Pricing Notes:

1. The Fixed Unit Rate and therefore Extended Price shall be based upon the transportation subcontractor's Rate Sheet. The fixed unit rate proposed shall be based on a 34 rail car train (136 containers). The contractor shall provide the most current Union Pacific Rate Sheet with each monthly invoice as well as the transportation subcontractor's invoice as demonstration of number of shipments and number of rail cars.
2. The mark-up percent is in accordance with mark-ups as negotiated for CLIN 1.
3. Per the Basis of Estimate, the number of shipments each year is 99 (Yr 1), 98 (Yr 2), 100 (Yr 3), 99 (Yr 4), and 97 (Yr 5), with each transporting 34 railcars (136 full containers).

(Mod 0048) TRUE-UP (CLIN 0007)

CLIN 0007 Year 3C *Transportation of tailings from Moab to CJ (Increased Production)* is modified to reflect actual quantity of 50 trains (\$ [REDACTED]).

**CLIN 0008 – Moab Site Operations (increased production):** This CLIN includes all costs and profit throughout the TO period of performance related to the 4-trains increased operation (including all excavation and transportation of RRM, maintenance, and any other work activity) conducted at the DOE Moab Site or in support of Moab Operations.

CLIN 8 MOAB SITE OPERATIONS (INCREASED PRODUCTION)						
Year	SCHEDULE OF SUPPLIES/SERVICES	UNITS	FIXED UNIT RATE	QUANTITY	PRICE	Note
1	Moab Site Operations (increased production)	month	N/A	--	\$0.00	Actual
2	(same)	month	N/A	--	\$0.00	Actual
3	(same)	month	\$ [REDACTED]	3	\$ [REDACTED]	Estimate
4	(same)	month	\$ [REDACTED]	6	\$ [REDACTED]	Estimate
5	(same)	month	\$ [REDACTED]	6	\$ [REDACTED]	Estimate
<b>CLIN 0008 Total:</b>					\$ [REDACTED]	

**CLIN 0009 – Crescent Junction Site Operations (increased production):** This CLIN includes all costs and profit throughout the TO period of performance related to the 4-trains increased operation, including placement and compaction of RRM in the Disposal Cells, maintenance, and any other work activity conducted at the DOE Crescent Junction Site or in support of Crescent Junction Operations.

Year	Unit of Measure	Fixed Unit Rate <sup>1</sup>	Estimated Quantity <sup>2</sup>	Extended Price <sup>1</sup>	Actual Ordered Quantity <sup>3</sup>	Actual Ordered Extended Price <sup>3</sup>
1	Tons	N/A	--	\$0.00	--	\$0
2	Tons	N/A	--	\$0.00	--	\$0
3	Tons	[REDACTED]			243,207	[REDACTED]
4	Tons	[REDACTED]	463,570	[REDACTED]	TBD	TBD
5	Tons	[REDACTED]	473,700	[REDACTED]	TBD	TBD
<b>CLIN 0009 Total -</b>					\$ [REDACTED]	

(Mod 0048) TRUE-UP (CLIN 0009)

CLIN 0009 Year 3 is modified to reflect actual quantity of 243,207 tons (\$ [REDACTED]).

**Overall Pricing Notes:**

1. Fixed Unit Rates and corresponding extended prices will change annually effective October 1 of each task order year.
2. For the placement and compaction of RRM under CLIN 0002, construction of interim cover under CLIN 0003, and design and construction of the Phase 3 Disposal Cell under CLIN 0004, should the estimated quantities vary by more than plus or minus 15% from the estimated quantities, the Contractor and Government shall enter into good faith negotiations to revise the Fixed Price (Unit Rates).
3. The Designated Contracting Officer shall complete and finalize the actual ordered quantities and actual ordered extended prices at the end of each task order year.
4. The extended amounts for the operation of the DOE Moab Site for Years 1-5 shall be based off of an estimated total tons of RRM placed and compacted. Minor operations at the DOE Moab Site and the Crescent Junction Site are still required even during periods of non-shipping.
5. The acquisition of equipment and vehicles by the Contractor under CLIN 0006 shall be approved prior to purchase. Costs incurred to lease vehicles from the General Services Administration are reimbursable under CLIN 0006, if approved by DOE. No other costs for equipment or vehicles are reimbursable under CLIN 0006 without prior approval by DOE.
6. (Mod 0006) CLIN 0007 – The Fixed Unit Rate and therefore Extended Price shall be based upon the transportation subcontractor’s Rate Sheet. The fixed unit rate proposed shall be based on a 34 rail car train (136 containers). The contractor shall provide the most current Union Pacific Rate Sheet with each monthly invoice as well as the transportation subcontractor’s invoice as demonstration of number of shipments and number of rail cars.
7. (Mod 0006) CLIN 0007 – The mark-up percent is in accordance with mark-ups as negotiated for CLIN 0001.
8. (Mod 0006) CLIN 0007 – Per the Basis of Estimate, the number of shipments each year is 99 (Yr1), 98 (Yr2), 100 (Yr3), 99 (Yr4), and 97 (Yr5), with each transporting 34 rail cars (136 full containers).
9. (Mod 0014) CLIN 0007 – For the additional cars 35 and 36, the per car fee is based on connection to the train and is independent of the number of containers that are loaded on the car (2 or 4).
10. (Mod 0014) CLIN 0002 – This modification also clarifies the fixed unit rate under CLIN 0002 from contract inceptions through the date of signature on Modification 0006. This modification hereby retroactively authorizes Portage’s billing rate of \$ [REDACTED]/ton for CLIN 0002, Year 1, from contract inception through the date of Modification 0006. The contractor was authorized to bill at the unit rate of \$ [REDACTED]/ton for CLIN 0002, Year 1, based on actual shipping operations of 2 trains per week as requested by DOE, as opposed to the 4 trains per week from contract inception until the negotiation of the true-up of the contract and Portage’s proposal, “Revised Moab Remedial Action Logical Follow-on” for the re-negotiation of CLINs 0001, 0002, and the establishment of CLIN 0007. Modification 0006 negotiated the new rate on CLIN 0002, Year 1 to a rate of \$ [REDACTED] based on Portage’s merge with CIRI Development Corporation (CDC) dba North Wind Group (NWG). The \$ [REDACTED] rate as negotiated in Mod 0006 applies retroactively from the date of contract award through the end of Contract Year 1. The difference in the \$ [REDACTED] rate and the \$ [REDACTED] rate was reconciled in Invoice #9 as if the entire quantity for Year 1 was billed at \$ [REDACTED].

**B.03 LIMITATION OF GOVERNMENT'S OBLIGATION (FOR FIRM-FIXED PRICE CLINS)**

- (a) This contract's CLINs contain Federal Acquisition Regulation fixed prices and contract terms and conditions as set forth in the contract, with the exceptions that: CLIN 0001 - 0005 may be incrementally funded; and if a CLIN is incrementally funded as set forth in the contract, in the event of termination before it is fully funded the Government's maximum liability for the CLIN will be the lower of the amount of funds allotted to the CLIN or the amount payable to the Contractor per the Termination for Convenience (Fixed-Price) clause of this contract. For each CLIN there is
- 1) a fixed price;
  - 2) a specified scope of work that corresponds to the fixed price;
  - 3) an anticipated funding schedule that corresponds to the fixed price and the specified scope of work (the parties contemplate that the Government will allot some funds upon execution of the contract);
  - 4) a Government maximum obligation to the Contractor equal to the funds allotted to the contract for the CLIN;
  - 5) if the Government incrementally allots funds, both a fixed price for the services the allotted funds cover and 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 only for the work the Contractor performed: for which funds were allotted; and based only on the fixed price for the services the allotted funds covered (established when the funds were allotted) and the portion of the services performed, not the costs the Contractor may actually incur.
- (b) For each CLIN
- 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 and the total amount of funds allotted by the Government to the contract for the CLIN is the fixed price of the work for which the funds are allotted;
  - 2) the Contractor explicitly agrees the fixed price in the contract reflects (that is, includes or encompasses any additional amount) and any subsequent negotiated fixed price reflects for each of the fixed-price CLINs included in this contract:
    - i. any additional complexities, challenges, and risks (including all risks, costs or otherwise, associated with any potential termination for convenience, or other risks 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 before the CLIN is fully funded, the Contractor could receive less than the amount the Termination for Convenience (Fixed-Price) clause of this contract would usually permit, that is, the Government is only obligated to provide to the contractor the lower of the amount of the allotted funds or the amount as determined under the Termination for Convenience (Fixed-Price) clause of this contract;
  - 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 additional funds become available and the Government still has a need for the services in the Contract, the Government will allot funds periodically to the CLIN, the Contractor will continue performance and will provide a specified and fixed amount of work for the additional funds allotted, and the Government will pay the Contractor based on the price of the fixed amount 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 specified and 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
- 1) The fixed price (of both the entire CLIN and of the current cumulative amount of funds allotted to the CLIN 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 fixed price and
    - ii. the Contractor shall provide the entire scope of work the Contract requires for the CLIN.
- (d) The fixed price for each CLIN is listed in Section B of this contract.
- (e) The Planned Funding Schedule for each CLIN is in paragraph (n) of this clause. The sum of the planned funding for each CLIN equals the fixed price of the CLIN.
- (f) The Actual Funding Schedule for each CLIN 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 CLIN 0001 – 0005 and the specific work to be performed for the funds allotted.
- 1) The Contractor may submit an invoice under a CLIN only after the Government has allotted funds to the CLIN and the Contractor has provided services in accordance with the terms and conditions of the Contract. The Contractor may submit an invoice for only the lower of the two preceding amounts, that is, the lower of
    - i. the amount of allotted funds for the specified work (which is the amount of the fixed price of the specified work) or
    - ii. the amount equal to the portion of the fixed price for the specified work the Contractor has earned by providing a portion of the fixed work.
- (g) If during the course of this contract the Government is allotting funds to a CLIN per or earlier than the Planned Funding Schedule, this contract to that point will be considered a simple fixed-price contract for that CLIN 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—with the exception that the Government's obligation for the CLIN is limited to the total amount of funds allotted by the Government to the CLIN 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 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; and neither the fixed-price for the CLIN nor any other term or condition of the contract will be affected due to the CLIN's being incrementally funded.

- i. The Contractor agrees, for example, if the Government allots funds to a CLIN per or earlier than all of the funding dates in the Planned Funding Schedule for the CLIN, the Government has met all of its obligations just as if the CLIN were fully funded as of the time of contract execution and the Contractor retains all of its obligations as if the CLIN 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 that exceed the total amount of funds allotted by the Government to the contract for the CLIN
    - 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 and the Government allots funds to the CLIN equal to the CLIN's fixed price, the Government will pay it the fixed price for the CLIN and no more.
  - ii. The Contractor also agrees, for example, if the Government allots funds to a CLIN 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 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, 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 were fully funded; consequently, if the Government subsequently terminates the CLIN it will pay the Contractor the lower of the following two amounts: the amount allotted by the Government to the CLIN; 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 total amount payable by the Government, which is the portion of the price of the services the allotted funds cover that the Contractor has earned, for the CLIN 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 by the Government.
- 1) The notification is for the Government's 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.
  - 3) The Government may require the Contractor to continue performance of that CLIN for as long as the Government allots funds for that CLIN sufficient to cover the amount payable for that CLIN.
- (i) If the Government does not allot funds to a CLIN per or earlier than its Planned Funding Schedule, the Contractor may 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;
  - 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 contract or the CLIN, 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 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 each CLIN—
  - 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; and
  - 2) The Contractor is not obligated to continue performance under this contract related to the CLIN in excess of the amount allotted to the contract (which is also both the maximum amount payable and the price of the services the allotted funds cover) 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.
  
- (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, which will remain at all times the Government's maximum liability for a CLIN. In the absence of the specified notice, the Government is not obligated to reimburse the Contractor for any amounts payable earned for a CLIN in excess of the total amount allotted by the Government to this contract for a CLIN.
  
- (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 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:

**DE-EM0000842/DE-DT0011049 TOTAL FUNDING OBLIGATIONS**

Modification #	Contract Line Item Number										Total Obligation
	0001	0002	0003	0004	0005	0006*	0007	0008	0009		
<b>Year 1 Funds</b>											
Basic		\$	\$	\$	\$	\$	\$	\$	\$	\$	
0001		\$	\$	\$	\$	\$	\$	\$	\$	\$	
0002			\$	\$	\$	\$	\$	\$	\$	\$	
0003			\$	\$	\$		\$	\$	\$	\$	
0005			\$		\$			\$	\$	\$	
0007		\$	\$	\$	\$	\$	\$	\$	\$	\$	
0012		\$	\$		\$			\$	\$	\$	
0014 (Yr 1 funds)		\$	\$	\$	\$	\$	\$	\$	\$	\$	
<b>Total Year 1</b>			\$	\$	\$	\$	\$	\$	\$	\$	
<b>Year 2 Funds</b>											
0014 (Yr 2 funds)			\$	\$	\$	\$	\$	\$	\$	\$	
0015	\$		\$	\$	\$	\$	\$	\$	\$	\$	
0016			\$	\$	\$			\$	\$	\$	
0018			\$	\$	\$			\$	\$	\$	
0019			\$	\$	\$			\$	\$	\$	
0020			\$	\$	\$			\$	\$	\$	
0021			\$	\$	\$			\$	\$	\$	
0022			\$	\$	\$			\$	\$	\$	
0025			\$	\$	\$			\$	\$	\$	
0027			\$	\$	\$			\$	\$	\$	
0030			\$	\$	\$			\$	\$	\$	
0031	\$	\$	\$	\$	\$			\$	\$	\$	
0032			\$	\$	\$			\$	\$	\$	
0034 (Yr 2 funds)			\$	\$	\$			\$	\$	\$	
0048 (Yr 2 funds)	\$	\$	\$	\$	\$			\$	\$	\$	\$
<b>Total Year 2</b>			\$	\$	\$	\$	\$	\$	\$	\$	
<b>Year 3 Funds</b>											
0034 (Yr 3 funds)			\$	\$	\$	\$	\$	\$	\$	\$	
0035		\$	\$	\$	\$	\$	\$	\$	\$	\$	
0037			\$	\$	\$	\$	\$	\$	\$	\$	
0039			\$	\$	\$	\$	\$	\$	\$	\$	
0040			\$	\$	\$	\$	\$	\$	\$	\$	
0041			\$	\$	\$	\$	\$	\$	\$	\$	
0042			\$	\$	\$	\$	\$	\$	\$	\$	
0043		\$	\$	\$	\$	\$	\$	\$	\$	\$	
0044 (Yr 3 funds)	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	
0048 (Yr 3 funds)	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
<b>Total Year 3</b>			\$	\$	\$	\$	\$	\$	\$	\$	

DE-EM0000842/DE-DT0011049 TOTAL FUNDING OBLIGATIONS										
Modification #	Contract Line Item Number									Total Obligation
	0001	0002	0003	0004	0005	0006*	0007	0008	0009	
<b>Year 4 Funds</b>										
0044 (Yr 4 funds)		\$-	\$-	\$( )	\$-	\$-				
0046		\$-	\$-	\$-	\$-	\$-				
0047			\$-	\$-	\$-	\$-	\$-			
0048 (Yr 4 funds)			\$-	\$-	\$-	\$-		\$-		
<b>Total Year 4</b>			\$-	\$( )	\$-	\$-				
<b>Total Obligation since Contract Inception</b>					\$0.00					

Funding Table notes:

- i. Cost Reimbursement CLIN 0006 is cumulative and not separated by year.
- ii. B.2 EMCBC-B-1002 *Fee Ceiling* is not applicable to this Task Order.

**B.04 OBLIGATION OF FUNDS**

(a) Pursuant to Section B.03, *Limitation of Government's Obligation (For Firm-Fixed Price CLINs)*, the total amount of incremental funding allotted is \$ [REDACTED] for the Fixed-Price CLINs (0001 to 0005 and 0007 to 0009).

(b) Pursuant to Section I clause FAR 52.232-22, *Limitation of Funds*, the total amount of incremental funding allotted is \$ [REDACTED] for the Cost Reimbursement CLIN (0006).

**SECTION C – DESCRIPTIONS/SPECIFICATIONS/WORK STATEMENT**

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## **C.01 MOAB PROJECT OVERVIEW AND OBJECTIVES**

### **C.1.1 BACKGROUND**

The DOE Moab Project Site is approximately 3 miles northwest of the City of Moab in Grand County, Utah, and includes the former Atlas Minerals Corporation (Atlas) uranium-ore processing facility. The site is situated on the west bank of the Colorado River at the confluence with Moab Wash. The site encompasses approximately 435 acres, of which approximately 130 acres are covered by the uranium mill tailings pile.

The processing facility was constructed in 1956 by the Uranium Reduction Company, which operated the facility until 1962 when the property was sold to Atlas. Atlas operated the site until 1984 under a license and regulatory authority provided by the Nuclear Regulatory Commission (NRC) in accordance with Title II of the Uranium Mill Tailings Radiation Control Act (UMTRCA). When the processing operations ceased in 1984, approximately 16 million tons (12 million cubic yards) of uranium tailings or residual radioactive material (RRM) (the term *RRM* is used throughout the PWS to reference the tailings and other contaminated materials from former uranium/vanadium processing) and contaminated soil had been stored in an unlined impoundment located in the northwest portion of the property.

Atlas proposed to reclaim the tailings pile for permanent disposal in its current location. As a result of the Atlas proposal, the NRC developed an *Environmental Impact Statement* (EIS) that focused primarily on on-site reclamation of the mill tailings. Atlas declared bankruptcy in 1998, and in doing so, relinquished its license and forfeited its reclamation bond. Because NRC could not legally possess a site it regulated, NRC appointed PricewaterhouseCoopers as the trustee of the Moab Mill Reclamation Trust and the licensee for the site. The trustee used the forfeited reclamation bond funds to initiate site reclamation, conduct ground water studies, and perform site maintenance activities.

The Floyd D. Spence National Defense Authorization Act for Fiscal Year 2001, Public Law 106-398 (the Act) stipulated that the license issued by NRC for the materials at the Moab Site be terminated and that the title and responsibility for cleanup be transferred to the DOE. Title to the site was transferred to DOE on October 25, 2001. Specifically, the EM Office in Grand Junction, Colorado, now has primary responsibility for the Moab Site. The Moab UMTRA Project (Moab Project) is responsible for the remediation of the Moab site, in accordance with surface cleanup standards specified in 40 Code of Federal Regulations (CFR) Part 192; Subparts A, B, and C.

The Act further designated that the Moab Site undergo remediation in accordance with Title I of the UMTRCA, though certain sections of UMTRCA shall not apply. In accordance with the Act, DOE developed a Draft Plan for Remediation that evaluated DOE's remediation decision-making process and related technical issues. DOE approved the *Final Environmental Impact Statement* (FEIS) on July 25, 2005 which fulfilled the National Environmental Policy Act (NEPA) requirement of considering the full range of reasonable alternatives and associated environmental effects of significant federal actions. The preferred alternative identified in the FEIS included relocation of the tailings and associated wastes to the Crescent Junction off-site waste disposal site using rail transportation as the primary transportation mode, with active ground water remediation. A *Record of Decision* (ROD) identifying the final remedy, consistent with the FEIS preferred alternative, was published on September 14, 2005. An Amended Record of Decision for the Remediation was approved in February 29, 2008. The ROD Amendment increased the flexibility to relocate the residual RRM using rail or truck. In June 2007, DOE awarded a task order which required design and installation of waste handling systems, moving RRM from Moab to Crescent Junction site, design and construction of the disposal cell in Crescent Junction, construction and operation of the RRM off-loading facility, and operation of the disposal cell for final disposition of the RRM at Crescent Junction. DOE is conducting ongoing site operations, including RRM excavation, transportation, and disposal and maintenance activities.

### **C.1.2 MOAB PROJECT DESCRIPTION, PURPOSE AND OBJECTIVES**

The scope of the Moab project is to relocate mill tailings, associated wastes, and other contaminated materials from the former uranium-ore processing facility site (presently the Moab Site), and contaminated materials from one off-site vicinity property in Moab, Utah, to a DOE- constructed engineered disposal facility near Crescent Junction, Utah. The scope includes the maintenance of facilities, grounds, and railroad structures at the Moab Site and the Crescent Junction disposal cell, necessary to continue relocation of the mill tailings and associated wastes. The purpose of this Task Order is to continue making substantial progress toward remediation of the remaining RRM, including the remediation of the tailings pile, and remediation of the contaminated sub-pile below the tailings at the Moab Site.

The objectives for the Remedial Action Contract (RAC) can be divided into five general categories: (1) Moab operation activities, including RRM excavation and conditioning and filling of intermodal containers (342: 183 short and 159 tall), transporting RRM from Moab to Crescent Junction, site maintenance, and reclaiming the Moab site to appropriate standards; (2) Crescent Junction operation activities, including disposal and compaction of the RRM, and site maintenance at Crescent Junction and the Green River Pump Station; (3) Construction of interim cover at Crescent Junction; (4) Excavation and construction of the Phase 3 cell at Crescent Junction; and 5) Remediation of Vicinity Properties, while implementing safety, environment, and quality programs to safely and efficiently deliver services in all facets of performing the PWS.

## **C.02 DESCRIPTION OF PROJECT PERFORMANCE REQUIREMENTS**

The Contractor shall:

- a. Furnish all personnel, equipment, material, services, utilities such as water, electric, propane, etc. and supplies (except for Government Furnished Services/Items identified in Attachment J-5 and Services Provided by the Technical Assistance Contractor as identified in Attachment J-10) to complete the work requirements outlined in this PWS.
- b. Perform services in accordance with applicable Federal laws, State laws, local laws, regulations, executive orders, etc., permits and any other agreements, DOE Directives, and DOE environmental, safety and health, and quality assurance requirements.
- c. Perform all services in accordance with approved safety programs.
- d. Complete work on schedule.
- e. Receive no Notice of Violation or equivalent letter from DOE identifying a violation of Federal laws, state laws, local laws, regulations and executive orders, etc. permits, other agreements, DOE Environmental, Safety and Health programs, or quality assurance requirements.

### **C.2.1 WORK CONTROLS**

The Contractor shall prepare and submit to DOE, for approval, a Contract Work Plan (CWP), which shall provide an integrated system of project management elements (e.g., scope, schedule, and alignment with the Work Breakdown Structure (WBS)) to capture all Task Order requirements, for planning, executing, and measuring performance for all Task Order requirements during the Task Order period of performance. (See Section H.33, Control/Measurement/ Monthly Reporting, and Section J-3, List of Deliverables.)

The Contractor shall prepare and submit to DOE, for approval, a Lifecycle Baseline, which shall include technical scope, schedule, and budget, Project Baseline Summary (PBS), WBS definition, dictionary, milestones, and quantitative metrics.

In support of the Moab Project Federal Lifecycle Baseline maintenance, the Contractor shall update the CWP annually throughout the Task Order performance period. All annual updates to the CWP shall capture any potential contract modifications, progress made to date, and remaining budget and scope required to complete all Task Order requirements.

The Contractor shall establish, maintain, and use a Performance Measurement System (PMS) that accurately records and reports the Contract performance against the requirements of the Task Order, and is consistent with the required Contract Work Plan, and Section J – Attachment J-3, List of Deliverables).

## **C.03 OPERATION OF THE DOE MOAB SITE**

### **C.3.1 MOAB FACILITY/GROUND MAINTENANCE**

The Contractor shall maintain the DOE Moab site and provide a Facility/Ground Maintenance Plan that includes the maintenance of all areas, facilities, and structures at the Moab site. See Section J-11, Site Maps Including Asphalt Areas, for maps of all areas, facilities and structures for the Moab site. The Contractor shall review the Facility/Ground Maintenance Plan annually, or more frequently to document changing site conditions, and submit any updates to DOE for approval.

The Contractor's Facility/Ground Maintenance Plan shall include the Former Atlas Legacy Building, Container Lidding Building, trailers, man- huts, sheds, shacks and other structures that may be occupied or used for storage of equipment

and/or materials in the performance of the PWS. The list of buildings/structures at the Moab Site is provided as Section J-5, List of Government Furnished Property. See also Section J-12, for a list of maintenance requirements and frequency.

As a part of facility/ground maintenance at the DOE Moab site, the Contractor shall:

- a. Perform facility inspections, including equipment and/or structures, to assess facility structural integrity in accordance with Section J-12.
- b. Maintain trailers and trailer staging areas in suitable condition for habitation including utilities until designated otherwise by DOE.
- c. Maintain structures to ensure the structural integrity of the building/structure/container envelope to prevent damage to the structure, interior, or equipment from water, wind, extreme temperatures, pests or other factors that would affect the suitability of the intended use.
- d. Maintain the non-occupied grounds and areas including site perimeter and staging or other fencing, water systems located at the Moab site, sediment ponds/basins, other ponds and basins, rail and associated structures, haul roads, pedestrian and vehicle access roads, parking lots and staging areas, ditches, underpass, transformers, utility poles and associated utility components. Ensure lighting and signage in all areas, both indoor and outdoor, are maintained in working order. See Section J, Attachment 12, List of Maintenance Requirements and Frequency.
- e. Provide grounds maintenance activities. 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.
- f. Janitorial services for Moab in all administrative buildings, on a daily basis during the work week.
  - (1) The Contractor shall clean the rest rooms, sweep paved walkways, empty waste baskets and recycle bins, vacuum, dust, clean windows, and wipe down surfaces.
  - (2) The Contractor shall occasionally rake between buildings to maintain an acceptable appearance and to help prevent slips, trips and falls.
  - (3) The Contractor shall contact the DOE COR to gain access to the IT server trailers to clean once a week.Section J-12 provides a detailed list of the maintenance activities and the schedule of such activities.
- g. Implement erosion control methods to control excess water as a result of dewatering activities or storm water runoff, by re-contouring or re-grading, or using temporary soil stabilization techniques that may include erosion control blankets, mulch, or temporary geosynthetic material secured with restrainers such as gravel-filled bags or sand bags, appropriately spaced depending on slope and velocity. Erosion control objectives include:
  - (1) Obtaining approval from DOE prior to implementing erosion control methods applied in RRM areas.
  - (2) Using clean materials in non-RRM areas with no deleterious components.
- h. Repair areas of asphalt at the Moab Site when ruts or degradation become obvious.
- i. Perform maintenance activities required to sustain all property listed in Section J, Attachment 5, Government Furnished Property and Information List, in a condition suitable for its designed purpose; and
- j. Perform preventative, predictive, and minor corrective/repair maintenance on Government provided equipment, intermodal containers, cranes and scales, water tanks, building HVAC systems, and instrumentation provided to accomplish this Task Order. See Section J, Attachment 12, List of Maintenance Requirements and Frequency and Section J Attachment- 15, Container Inventory, Inspection, and Maintenance. The Contractor shall disclose to the Contracting Officer (CO) whenever there is a need for replacement and/or rehabilitation of Government Owned Property.
- k. The Contractor shall perform hillside monitoring and rock slide mitigation activities, by evaluating critical alarms and issuing daily “go-no go” notifications. The Contractor shall participate in monthly radar team meetings, which last on average less than two hours.
- l. (Mod 0007) Obtain sufficient quantity of coatings materials to accomplish coating of a minimum of 144 containers. The quantity shall be adequate to build-up the wall thickness by at least 2 millimeters and cover from the top of the current Ultra High Molecular Weight (UHMW) liners and the top portion of the interior walls (sidewalls and bulkhead) and the entire tailgate.

### C.3.2 EXCAVATION AND HANDLING AT MOAB

#### Background:

The tailings impoundment was constructed in the years from 1956 – 1984 using a ring construction method. The tailings were slurried to the impoundment area and then distributed through spigots on the exterior of the pile. The courser grained material was deposited first creating the perimeter of the tailings impoundment with increasingly finer grained materials remaining suspended in the slurry to form the interior portions of the pile.

The pile tailings material is classified into three types as follows:

- Sand Tailings – less than 30% fines (minus 74 microns)
- Transitional Tailings – greater than 30% and less than 70%
- Slimes Tailings – greater than 70% fines

The Contractor shall perform all excavation activities, including debris, necessary for operating and maintaining the existing waste management and waste handling systems/methods to remove the RRM and other waste. The RRM excavated and shipped shall be comprised of approximately equal volumes of sands, slime, and transition material.

In performing these excavation and handling activities at the DOE Moab Site, the Contractor shall:

- Excavate the RRM tailings pile, covering approximately 120 acres. The original tailings pile was approximately 130 acres.
- Excavate RRM in the sub-pile, in order to meet the remediation standards of 40 CFR192, Subpart A. The sub-pile is estimated to be 2 feet below the floor (defined by the interface of the lower section of the tailings and upper section of the native undisturbed stratigraphy), and are the tailings that meet 5 or 15 pCi/g as defined in 40 CFR192, Subpart A.
- Verify the soil cleanup standards in 40 CFR192 have been met. The Contractor shall:
  - Support independent verification by TAC and/or other outside entity (e.g., Oak Ridge Institute for Science and Education (ORISE) of soil remediation;
  - Submit a completion report for each off-pile area to DOE within 60 days after verification sampling is completed;
  - Apply “supplemental standards” (40 CFR 192-21) when necessary (e.g., to off-pile area). Such supplemental standards applications shall be approved by DOE and applied accordingly by the Contractor.
- Transport oversized material (debris) from the Moab site to Crescent Junction using trucks or rail. Within the southwest corner of the tailings pile are the former mill site buildings, facilities and autoclaves. This debris was estimated to be 36,000 cubic yards and composed of steel beams, concrete slabs, concrete blocks, piping, sheet metal, and demolished milling equipment. Some of the debris consists of *Oversized Material* relative to the requirements and specification of the RAP. The Contractor shall:
  - Size oversized debris as follows, and as specified in the NRC-approved Remedial Action Inspection Plan:
    - Wood, concrete, masonry – Cut or break up to a maximum 3-foot size measured in any dimension.
    - Structural steel member, pipes, ducts, other long items – Cut into maximum 10-foot lengths.
    - Concrete, clay tile, and other pipes – Crush concrete and clay tile pipes. Crush other pipes and ducts that are 6 inches or greater in diameter or, if crushing is impractical, cut pipes and ducts in half longitudinally. Do not crush asbestos-cement pipe.
    - Rubber tires excavated at the site – Cut in half around the circumference.
    - Geomembranes and other sheet material – Cut in strips a maximum of 4 feet wide by 4 feet long.
    - Tree limbs 4 inches in diameter or larger – Cut into lengths of 8 feet or less.
  - ~~(Autoclave scope removed in Mod 0033) Excavate 14 autoclaves and transport and place them in the Crescent Junction disposal cell. The autoclave circuit consists of two parallel banks of seven 8,000 gallon autoclaves in series. They are equipped with mechanical agitators having air spurge lines mounted under the impellers. The first two autoclaves in each bank are equipped with steam coils. The autoclaves on the Moab Site are filled with dirt and asbestos bearing pipe, and are estimated to weigh approximately 40 tons each. Each autoclave is 12’ in diameter and 14 feet tall. See Section J, Attachment J-13 for the calculation background. The Contractor shall:
    - Completely wrap each autoclave in plastic to contain the asbestos bearing material.~~

- ~~b) Use trucks to transport the autoclaves.~~
- ~~c) Use a crane at the Moab Site to load the autoclaves.~~
- e. Maintain an Excavation Plan for the Moab site, which includes the details of the planned excavation method, the excavation sequence, mixing of slimes and sands, segregation of oversize materials, and water management. The Contractor shall review the Excavation Plan annually or more frequently to document changing site conditions, and submit any updates to DOE for approval.
  - (1) Note that RRM may be directly shipped to Crescent Junction without conditioning; however, mixing of sands and slimes maybe necessary to achieve acceptable moisture levels, determined by appropriate moisture testing at optimum or no less than -3% moisture content, and to minimize RRM carry back in containers. The contractor can add water at CJ if desired to raise the moisture to no greater than 3% over optimum.
  - (2) Note that spreading the RRM in contaminated areas of the Moab project site or conditioning of RRM within the 100 year floodplain shall be conducted ONLY with the prior written approval of the Contracting Officer.
  - (3) The Contractor shall not condition RRM on the floor of the tailings pile that has been verified as being remediated
- f. Monitor, track, and document data on tons of RRM excavated, shipped, and disposed, and provide the data to DOE and the TAC on a weekly basis.

### C.3.2.1 Waste Management at Moab

The Contractor shall maintain a Waste Management Plan. The Contractor shall review the Waste Management Plan annually, or more frequently to document changing site conditions, and submit any updates to DOE for approval.

- a. The Contractor shall identify, characterize, package, transport and dispose of any waste, including secondary waste.
- b. The Contractor shall manage and provide waste management activities. Any waste that requires special handling, such as waste oil and non-RRM, shall be managed in accordance with the Waste Management Plan.

### C.3.2.2 RRM Handling at Moab Site

The Contractor shall ensure safe and efficient transfer of RRM in accordance with the ROD. The Contractor is responsible for all aspects of the handling activities at the Moab site (movement of excavation equipment, trucks, container stackers, etc.) in all areas including haul roads, and for all activities taking place at rail sidings. The Contractor shall:

- a. Furnish the minimum number of rail cars to optimize the transport of up to 144 containers (the maximum number of containers possible, due to hillside limitations).
- b. Operate and maintain the material handling systems at Moab (see Section J, Attachment 12, List of Maintenance Requirements and Frequency – Equipment and Facilities).
- c. Load RRM into DOE-furnished containers.
- d. Manage and operate container movement.
- e. Conduct lidding and de-lidding operations.
- f. Decontaminate the outside of the RRM containers according to 10 CFR 835 for transport outside the contaminated area.
- g. Haul RRM to Moab rail bench, adjacent to Union Pacific Kane Creek Branch Line.
- h. Load and unload the containers from the trucks onto rail cars.
- i. Coordinate with Union Pacific for transportation of RRM by rail to Crescent Junction.
- j. Load and unload containers onto/from the rail cars.
- k. Measure and record the carry back of RRM in containers returning from Crescent Junction. Ensure there is no more carry back than 500 pounds, or 1% of weight, per container, whichever is less.

### C.3.2.3 Clean Water Construction Pond and Above-Ground Water Storage Tank at Moab

- a. The Contractor shall operate and maintain the clean water construction pond and above-ground water storage tank at the Moab Site. The Contractor shall use the above-ground storage tank water for dust control within the contamination area at the Moab site. All other dust control shall be performed using water from the clean water construction pond. The TAC will be responsible for all of the equipment and materials that supply the contaminated ground water to the water storage tank.

- b. (Mod 0048) On or before March 31, 2020, the Contractor shall clean out the clean water construction pond by—
  - a. Removing accumulated sediment, inspecting the existing sediment curtain, replacing the sediment curtain (if necessary), and placing Bentonite on the pond's floor and berms; and
  - b. In coordination with the TAC, transporting the removed sediment to the wellfield—or another location on the Moab site selected by the COR—in order to assist the TAC's revegetation efforts.

#### **C.3.2.4 Transportation**

- a. The Contractor shall, in a safe and compliant manner, appropriate size, and transport, and dispose of debris, tailings and other contaminated materials from activities under this Task Order as RRM at the Crescent Junction disposal cell.
- b. The Contractor shall comply with the September 2005 Moab Uranium Mill Tailings ROD, the Amended ROD dated February 2008, and any future amendments to transport materials. The Contractor shall be responsible for entering into arrangements with Union Pacific for the transportation of the RRM, using rail cars provided by the Contractor. Oversized materials and/or debris that cannot be shipped by rail shall be transported to the Crescent Junction disposal cell by truck.
- c. The Contractor shall maintain a Transportation Plan which describes modes of transport for various materials, necessary permits, interfaces, and approvals. The Contractor shall review the Transportation Plan annually, or more frequently to document changing site conditions, and submit any updates to DOE for approval.
- d. The Contractor shall, as the operating entity, obtain and maintain all required highway (Utah Department of Transportation) and rail (Union Pacific) transportation permits and agreements for the transport and disposal of RRM on behalf of DOE. See Section J, Attachment 2 for a list of the permits. The highway transportation of RRM shall be in compliance with U.S. Department of Transportation special permit (DOT/SP/14283) for the transportation of radioactive materials.
- e. The Contractor shall pay all costs in obtaining the permits, as well as any fines or penalties for non-compliances as a result of its actions.
- f. The Contractor shall maintain and repair the rail lines, ties, ballast, switches on the Moab Site and all associated rail loading/unloading facilities, used to transport RRM, within the Federal Railroad Administration (FRA) and Union Pacific specifications (in accordance with the existing Union Pacific Agreement in Section J, Attachment J-2)
- g. The Contractor shall coordinate with Union Pacific for transportation of RRM by rail to Crescent Junction.

#### **C.3.2.5 Project Support at Moab**

The Contractor shall provide ongoing project support necessary for performance of this Task Order at the Moab site.

##### **C.3.2.5.1 Regulatory Compliance at Moab**

###### **Background:**

The Moab project is regulated by the NRC under Title I of the Uranium Mill Tailings Radiation Control Act of 1978. The state of Utah regulations address related fugitive dust emissions and storm water pollution prevention. The Moab Uranium Mill Tailings 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 activities. The Contractor in the performance of this Task Order shall—

- a. Comply with these and all other regulatory agreements, laws, and requirements.
- b. Obtain and be named as the responsible party on all permits required for excavation and transportation of RRM under this Task Order. (See Section J, Attachment J-2, List of Permits and Agreements.)

- c. Apply “supplemental standards” (40 CFR 192-21) when necessary (e.g., to off- pile area). Such supplemental standards applications shall be approved by DOE and the NRC

**C.3.2.5.2 Site Access Control for Moab**

- a. The Contractor shall provide security personnel for the physical security and access control of the Moab site.
  - (1) The schedule below provides the hours of security coverage the Contractor shall provide at the DOE Moab Site.
  - (2) The schedule is in effect January through December and includes core work hours on Monday-Thursday, 6:00am-4:30pm.

Moab Security Coverage		
Sunday	7:00 am-8:00 pm	** spot checks of CJ
Monday	4:30 am-12:00 midnight	
Tuesday	4:30 am-12:00 midnight	
Wednesday	4:30 am-12:00 midnight	
Thursday	4:30 am-12:00 midnight	
Friday	4:30 am-9:00 pm* *may vary due to mission requirements (maintenance or special projects)	** spot checks of CJ
Saturday	7:00 am-6:00 pm	** spot checks of CJ

**C.3.2.5.3 Moab Site Support**

The Contractor shall provide support and assistance to DOE for data calls, which occur on average once a month. The Contractor shall provide the following:

- a. Information, documentation, and other assistance in responding to issues regarding both sites, such as mineral rights, water rights, Bureau of Land Management (BLM) and Department of Transportation (DOT) processes, and other similar issues that pertain to the contractor’s activities at the sites.
- b. Support to public involvement and stakeholder interaction. This occurs on average quarterly or less.
- c. Provide personal protective equipment (PPE) (hard hats, safety glasses, and safety vests) as appropriate, for workers, and at least 10% of Contractor owned PPE for DOE and visitors who require access to site areas. DOE and other visitors may require access to site areas an average of twenty-five visits per month.

**C.3.2.5.4 Environment, Safety, Health, and Quality at Moab**

The Contractor shall maintain and implement the Environmental, Safety, Health and Quality (ESH&Q) Program to ensure protection of the workers, the public, and the environment. As a part of the ESH&Q program, the Contractor shall:

- a. Coordinate with the TAC to maintain the Project-wide Health and Safety Plan, and flow-down the requirements to subcontractors.
- b. Include an Emergency Management Program consistent with DOE O 151.1C.
- c. Operate as an integral, but visible part of how the contractor conducts business. This includes prioritizing work planning and execution, establishing clear ESH&Q priorities, allocating resources to address programmatic and operational considerations, collecting and analyzing monitoring data, and addressing all hazards for all operations and work.

**C.3.2.5.5 Integrated Safety Management System (ISMS) at Moab**

The Contractor shall maintain and implement an ISMS program that complies with the Section I Clause, Integration of Environment, Safety, and Health into Work Planning and Execution, and DOE Order 450.1A. As a part of the ISMS program, the Contractor shall—

- a. Ensure all work is performed safely and in a compliant manner that assures protection of the workers, public, and the environment.

- b. Review the ISMS program annually, or more frequently to document changing site conditions, and submit any updates to DOE for approval.
- c. Include a lessons learned program that consists of the following:
  - (1) The lessons learned program shall be structured to identify and apply available lessons in safety, quality and performance to this project.
  - (2) The lessons learned program shall also capture, document, and provide lessons learned for future application by others.
  - (3) The lessons learned for external distribution shall be provided to the TAC for incorporation into the DOE Corporate Lessons Learned Database, when a significant lessons learned event occurs.

#### **C.3.2.5.6 Radiation Protection, Radiological Site Services at Moab**

- a. The Contractor shall maintain a documented 10 CFR 835 compliant Radiation Protection Program (RPP).
  - (1) The content of the RPP shall be commensurate with the nature of the activities performed, and include formal plans and measures for applying the as low as reasonably achievable (ALARA) process to occupational exposure.
  - (2) The Contractor shall review the Radiation Protection Program annually, and provide any updates to DOE for review and approval prior to implementation. Changes that decrease the protectiveness of the program shall not be implemented without DOE approval.
- b. The Contractor shall maintain a Radiation Protection Program Manual (RPPM). The manual shall include:
  - (1) The Moab Project Site Dosimetry Program, which shall provide the distribution, collection, and analysis of personnel external dosimeters for contractor personnel of the RAC and TAC, DOE, and visitors.
  - (2) The Moab Project Site Internal Dosimetry Program for urine bioassay including the distribution, collection, analysis of bioassay kits for RAC, TAC, and DOE personnel.
  - (3) The Moab Project Site Instrumentation Program. (See Section J, Attachment J-5, which lists the Government Furnished Property and Information)
  - (4) The Moab Project Site Radiological Records Program.
- c. The Contractor shall collect, maintain, and report data for:
  - (1) Worker internal and external dosimetry;
  - (2) Environmental dosimetry;
  - (3) Compliance with the required radiological monitoring; and,
  - (4) Adequacy of site radiological control programs in protecting the health and safety of workers, the public, and the environment.
- d. The Contractor shall provide personal protective equipment (PPE) as appropriate, for workers, DOE, and visitors who require access to radiological areas of the Moab and Crescent Junction sites. DOE and other visitors require access on an average of twenty-five visits into the Contamination Area each year.
  - (1) The Contractor shall launder the radiological PPE including:
    - a. the coveralls worn by personnel who work in the Contaminated Area three times each work day;
    - b. the coveralls worn by personnel working in the Queue area and at the Crescent Junction disposal facility one time each work day;
    - c. additionally, the safety vests worn by TAC personnel as requested.
  - (2) Once washed and dried, PPE shall be scanned out and free-released on a sample basis—one item in every three or four.
  - (3) Any PPE needing repairs shall be disposed of.

#### **C.3.2.5.7 Industrial Hygiene at Moab**

- a. The Contractor shall maintain a 10 CFR 851 compliant Health and Safety Plan (HASP) for the hazards applicable to this PWS.
- b. The Contractor shall review the HASP annually, or more frequently to document changing site conditions, and submit any updates to DOE for approval. The Contractor shall inform DOE in writing that there are no changes in the currently approved program.
- c. The Contractor shall ensure integration of the Health and Safety Program with all other related site-specific worker protection activities and include it as part of the Integrated Safety Management System.
- d. The Contractor's Health and Safety Program shall include qualified safety and health staff, worker rights, hazard identification, hazard prevention and abatement, training and information, recordkeeping and reporting.

### **C.3.2.5.8 Quality Assurance/Quality Control at Moab**

- a. The Contractor shall maintain a DOE-approved Quality Assurance program (QAP) in accordance with EM-QA-001, Rev. 1, *Environmental Management Quality Assurance Program*, and (ASME) NQA-1, 2008 *Quality Assurance Requirements for Nuclear Facility Applications*, including addenda through 2009.
- b. The Contractor's QAP shall address all aspects of operations including environment, safety, and health; safeguards and security; emergency management; and business operations.
  - (1) The Contractor shall review the QAP annually, or more frequently to document changing site conditions, and submit any updates to DOE for approval. The Contractor shall inform DOE in writing that there are no changes in the currently approved program.
- c. The Contractor shall provide the QAP, and any subsequent changes, to the TAC for incorporation into the overall Moab Project Quality Assurance Program.
- d. The Contractor shall perform Quality Assurance Independent Assessments and Surveillances, and allow the TAC and DOE personnel access for performance of oversight activities.
- e. The Contractor shall allow DOE, regulators, and the TAC to perform announced and unannounced oversight activities. The Contractor shall accommodate visits by interested stakeholders.
- f. Unplanned events, such as serious incidents, will result in greater levels and frequencies of oversight from DOE, the TAC, or regulators, which the Contractor shall accommodate.

### **C.3.2.5.9 Records Management**

Records generated under this Task Order are the property of DOE. The Contractor shall:

- a. Manage these records in accordance with the Records Management Plan developed by the TAC.
- b. Comply with the requirements for managing records in all formats, including early capture and control throughout their lifecycle in accordance with DOE O 243.1, Records Management Program, and DOE O 243.2, Vital Records.
- c. Provide to the TAC all official records that are in its possession on a monthly basis; however, retain certain informational copies of records necessary to perform the PWS.
- d. Support the TAC in meeting DOE compliance with the Freedom of Information Act (FOIA), Energy Employees Occupational Illness Compensation Program Act of 2000 (EEOICPA), and litigation discovery efforts.

### **C.3.2.6.0 Interagency Fleet Management System (IFMS) Vehicles**

IFMS vehicle costs shall be a reimbursable cost under this section in accordance with FAR Subpart 51.2, "Contractor Use of IFMS Vehicles" and FAR 52.251-2 "Interagency Fleet Management System Vehicles and Related Services" (see Section I, clause I.133).

## **C.04 OPERATION OF THE DOE CRESCENT JUNCTION SITE**

### **C.4.1 FACILITY/GROUND MAINTENANCE**

The Contractor's Facility/Ground Maintenance plan shall include trailers, man-huts, sheds, shacks and other structures that may be occupied or used for storage of equipment and/or materials at the Crescent Junction site in the performance of the PWS. The list of buildings/structures at the Crescent Junction Site is provided as Attachment J-C, List of Government Furnished Property. See also Section J, Attachment 12, for a Maintenance Schedule.

The Contractor shall:

- a. Perform facility inspections, including equipment and/or structures, to assess facility structural integrity in accordance with Section J-12.
- b. Maintain trailers and trailer staging areas in suitable condition for habitation including utilities until designated otherwise by DOE.
- c. Maintain structures to ensure the structural integrity of the building/structure/ container envelope to prevent damage to the structure, interior, or equipment from water, wind, extreme temperatures, pests or other that would affect the suitability of the intended use.

- d. Maintain the non-occupied grounds and areas including site perimeter and staging or other fencing, water systems located at the Crescent Junction site, sediment ponds/basins, other ponds and basins, rail and associated structures, haul roads, pedestrian and vehicle access roads, parking lots and staging areas, ditches, underpass, transformers, utility poles and associated utility components. Ensure lighting and signage in all areas, both indoor and outdoor, are maintained in working order. See Section J, Attachment 12, List of Maintenance Requirements and Frequency.
- e. Provide grounds maintenance activities. 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.
- f. Perform janitorial services for the Crescent Junction site in all administrative buildings, on a twice-weekly basis during the work week.
  - (1) The Contractor shall clean the rest rooms, sweep paved walkways, empty waste baskets and recycle bins, vacuum, dust, clean windows, and wipe down surfaces.
  - (2) The Contractor shall occasionally rake between buildings to maintain an acceptable appearance and to help prevent slips, trips and falls.
- g. Implement erosion control methods to control excess water as a result of dewatering activities or storm water runoff, by re-contouring or re-grading, or using temporary soil stabilization techniques that may include erosion control blankets, mulch, or temporary geosynthetic material secured with restrainers such as gravel-filled bags or sand bags, appropriately spaced depending on slope and velocity. Erosion control objectives include:
  - (1) Obtaining approval from DOE prior to implementing erosion control methods applied in RRM areas.
  - (2) Using clean materials in non-RRM areas with no deleterious components.
- h. Repair areas of asphalt at the Crescent Junction site when ruts or degradation become obvious.
- i. Perform maintenance activities required to sustain all property listed in Section J, Attachment 5, Government Furnished Property list, in a condition suitable for its designed purpose.
- j. Perform preventative, predictive, and minor corrective/repair maintenance on Government provided equipment, cranes and scales, water tanks, building HVAC systems, and instrumentation provided to accomplish this Task Order. See Section J, Attachment 12, List of Maintenance Requirements and Frequency. The Contractor shall disclose to the Contracting Officer (CO) whenever there is a need for replacement and/or rehabilitation of Government Owned Property.
- k. The Contractor shall maintain and repair the rail lines, ties, ballast, switches on the Crescent Junction Site and all associated rail loading/unloading facilities, used to transport RRM, within the Federal Railroad Administration (FRA) and Union Pacific specifications (in accordance with the existing Union Pacific Agreement in Section J, Attachment J-2).

#### C.4.2 DISPOSAL CELL PLACEMENT AND COMPACTION

The Contractor shall conduct all disposal cell operations at Crescent Junction in accordance with the Final Remedial Action Plan (RAP), approved by the NRC. The Contractor shall submit to DOE an annual Interim Completion Report on RRM disposed.

- a. In performing disposal placement and compaction activities, the Contractor shall:
  - (1) Prepare and dispose of all RRM wastes generated from remedial action under this Task Order. This includes placement and compaction of RRM in accordance with the RAP.
  - (2) Minimize the stockpiling of the RRM at Crescent Junction.
  - (3) Manage the RRM moisture content to achieve the RRM placement criteria, as specified in the RAP and the RAIP.
  - (4) Install and maintain standpipes per the RAP.
- b. Debris Placement - debris shall be placed in a single layer (no nesting) and compacted, then covered with a layer of RRM, as specified in the NRC-approved Remedial Action Inspection Plan. See Section C.3.2.e.1 above for a description of debris, in accordance with the RAIP.
- e. ~~(Autoclave scope removed in Mod 0033) Asbestos autoclaves — the Contractor shall place 14 autoclaves in the Crescent Junction disposal cell. See Section C.3.2.e.2 under the Moab section for a description of the autoclaves. The Contractor shall:~~
  - ~~(1) Coordinate with DOE, in providing information for DOE to submit a request to the NRC for a waiver to the RAIP requirements for sizing material to be placed in the disposal cell, prior to excavating and transporting the autoclaves.~~

- ~~(2) Use a crane at the Crescent Junction Site to unload the autoclaves.~~  
~~(3) When the autoclaves are delivered to the Crescent Junction disposal cell, they must be filled with DOE approved (with NRC consent) flowable fill so that no voids exist in the vessels.~~
- d. The Contractor shall coordinate and operate all the related waste excavation, transport, loading/unloading and placement equipment provided by the Government listed in Attachment J-5 List of Government Furnished Property, and supplemented by the Contractor personal equipment, on the haul road, the disposal cell, and the rail facility to accomplish disposal of the waste.
- e. The Contractor shall operate and maintain (O&M) the existing Construction Water System.
- (1) The Construction Water System includes: two Green River pumps and pump enclosures; one settling pond, fencing, and electrical; four booster pumps with diesel generators and pump enclosures; a 21-mile long pipeline from the Green River pump station to the construction water pond at Crescent Junction; and, one gravity drain fill station.
- (2) The Contractor shall fuel all diesel generators to ensure they continue to provide power for the booster pumps.
- (3) The Contractor shall remove sediment from the Green River sediment pond annually, unless determined in coordination with DOE that such removal is not required. See Section J, Attachment J-11, for a map of the waterline and associated equipment.
- (4) The Contractor shall use water from the construction water pond at Crescent Junction for:
- (a) dust control, compaction; and
- (b) any other activities at Crescent Junction requiring non-potable water.
- (5) (Mod 0048) The Contractor shall improve the Construction Water System by:
- (a) Installing a sediment curtain at the Green River holding pond;
- (b) Replacing the existing Green River transfer pump with a horizontal pump in order to bypass the wet well and turbine pump; and
- (c) Continuing to O&M the wet well, turbine pump, and associated equipment until the improvements required by subparagraphs (a) and (b) are completed.

### C.4.3 WASTE MANAGEMENT AT CRESCENT JUNCTION

The Contractor shall maintain a Waste Management Plan. Refer to Section C.3.2.1 above—DOE expects the Contractor to have one plan that covers both sites, but differentiates between the application of the Waste Management Plan at each site.

### C.4.4 DISPOSAL CELL INTERIM COVER

- a. The Contractor shall construct interim covers for the disposal cell, according to the specifications in the approved RAP and subsequent RAP modifications.
- (1) The Contractor shall consider and start to incorporate the existing DOE-owned fine-grained stockpiled material on west end of the Crescent Junction site, for construction of interim covers. The estimated total amount of stockpiled material on the west end is 534,436 yds<sup>3</sup>.
- b. The Contractor shall ensure that the interim cover is kept free of vegetation or organic material.
- c. Any proposed changes to disposal cover materials (i.e., material source selection) must meet the RAP requirements and must have DOE approval prior to implementation.

### C.4.5 PHASE 3 CELL EXCAVATION AND CONSTRUCTION

The Contractor shall excavate and construct the Phase 3 disposal cell as specified in the approved RAP. Excavation/construction of Phase 3 of the disposal cell, once complete in its entirety, must hold approximately 5M tons of RRM or 3.6M cubic yards (1.4 tons per cubic yard). Dimensions of cell are 1200' x 1800' x 25' deep. The approved design is specified in the NRC RAP. The Contractor shall coordinate verification of the phase 3 disposal design with the TAC, no more than ten working days before DOE approval to proceed is requested.

### C.4.6 PROJECT SUPPORT AT CRESCENT JUNCTION

The Contractor shall provide all ongoing project support necessary for performance of this Task Order at the Crescent Junction site.

**C.4.6.1 Regulatory Compliance at Crescent Junction**

**Background:**

The Moab project is regulated by the NRC under Title I of the Uranium Mill Tailings Radiation Control Act of 1978. The Moab Uranium Mill Tailings ROD, dated September 2005, and the Amended Record of Decision for the Remediation of the Moab Uranium Mill Tailings, Grand and San Juan Counties, Utah, dated February 29, 2008, apply to the Crescent Junction activities. The Final Remedial Action Plan (RAP), approved in August 2008, applies to the Crescent Junction disposal cell and placement of RRM. The Contractor, in the performance of this Task Order shall:

- a. Comply with all regulatory agreements, laws, and requirements in the conduct of its activity under this Task Order.
- b. Be responsible for obtaining and being named as the responsible party on permits required for disposal of RRM under this Task Order. (See Section J, Attachment J-2.)

**C.4.6.2 Site Access Control for Crescent Junction**

- a. The Contractor shall provide security personnel for the physical security and access control of the Crescent Junction site.
  - (1) The schedule below provides the hours of security coverage at Crescent Junction. The schedule varies according to time of year to allow for the same day unloading of rail cars to prevent freezing over the weekend.
  - (2) The core work hours from mid-March to October are Monday-Thursday 7:00am-5:30pm. The core work hours November through mid-March are Tuesday-Friday 7:00am-5:30pm.
  - (3) Spot checks of the Crescent Junction site are performed by the Moab security personnel and occur at least once per day Friday through Sunday for two (2) to four (4) hours to physically inspect the facilities and perimeter fencing.

Crescent Junction Security Coverage		
	mid-March to October	November to mid-March
Sunday	** spot checks by Moab guard	** spot checks by Moab guard
Monday	6:00 am-8:00 pm	** spot checks by Moab guard
Tuesday	6:00 am-8:00 pm	6:00 am-8:00 pm
Wednesday	6:00 am-8:00 pm	6:00 am-8:00 pm
Thursday	6:00 am-8:00 pm	6:00 am-8:00 pm
Friday	** spot checks by Moab guard	6:00 am-8:00 pm
Saturday	** spot checks by Moab guard	** spot checks by Moab guard

- b. The contractor shall provide controls for access to identified radiologically contaminated areas by using marked boundaries and, if necessary, adjust the boundaries as the work progresses.

**C.4.6.3 Crescent Junction Site Support**

The Contractor shall provide support and assistance to DOE for data calls, which occur on average about once a month. The Contractor shall provide the following:

- a. Information, documentation, and other assistance in responding to issues regarding both sites, such as mineral rights, water rights, Bureau of Land Management (BLM) and Department of Transportation (DOT) processes, and other similar issues that pertain to the contractor’s activities at the sites.
- b. Support to public involvement and stakeholder interaction. This occurs on average quarterly or less.
- c. Personal protective equipment (PPE) (hard hats, safety glasses, and safety vests) as appropriate, for workers, DOE, and visitors who require access to site areas. DOE and other visitors may require access to site areas an average of twenty-five visits per month.

#### **C.4.6.4 Environment, Safety, Health, and Quality at Crescent Junction**

The contractor shall maintain and implement the ESH&Q Program to ensure protection of the workers, the public, and the environment. Refer to Section C.3.2.5.4 above—DOE expects the Contractor to have one program that covers both sites, but differentiates between the application of the ESH&Q Program at each site.

#### **C.4.6.5 Integrated Safety Management System (ISMS) at Crescent Junction**

The Contractor shall maintain and implement an ISMS program that complies with the Section I Clause, Integration of Environment, Safety, and Health into Work Planning and Execution, and DOE Order 450.1A. Refer to Section C.3.2.6.6 above—DOE expects the Contractor to have one program that covers both sites, but differentiates between the application of the ISMS Program at each site.

#### **C.4.6.6 Radiation Protection, Radiological Site Services at Crescent Junction**

- a. The Contractor shall maintain a documented 10 CFR 835 compliant Radiation Protection Program (RPP). Refer to Section C.3.2.5.6 above. The DOE expects the Contractor to have one program that covers both sites, but differentiates between the application of the RPP at each site.
- b. The Contractor shall maintain a Radiation Protection Program Manual (RPPM). Refer to Section C.3.2.5.6 above. The DOE expects the Contractor to have one program that covers both sites, but differentiates between the application of the RPPM at each site.

#### **C.4.6.7 Industrial Hygiene at Crescent Junction**

The Contractor shall maintain their 10 CFR 851-compliant Worker Health and Safety Program for the hazards applicable to the Contractor's scope of work. Refer to Section C.3.2.5.7 above — DOE expects the Contractor to have one program that covers both sites, but differentiates between the application of the Worker Health and Safety Program at each site.

#### **C.4.6.8 Quality Assurance/Quality Control at Crescent Junction**

The Contractor shall maintain a DOE-approved Quality Assurance program (QAP) in accordance with EM-QA-001, Rev. 1, *Environmental Management Quality Assurance Program*, and (ASME) NQA-1, 2008 *Quality Assurance Requirements for Nuclear Facility Applications*, including addenda through 2009. Refer to Section C.3.2.5.8 above under the Moab section—DOE expects the Contractor to have one program that covers both sites, but differentiates between the application of the QAP at each site.

#### **C.4.6.9 Records Management at Crescent Junction**

Refer to Section C.3.2.5.9 above under the Moab section. The DOE expects the Contractor to manage records at Crescent Junction as it does at the Moab Site.

#### **C.4.7.0 Interagency Fleet Management System (IFMS) Vehicles**

IFMS vehicle costs shall be a reimbursable cost under this section in accordance with FAR Subpart 51.2, "Contractor Use of IFMS Vehicles" and FAR 52.251-2 "Interagency Fleet Management System Vehicles and Related Services" (see Section I, clause I.133).

### **C.05 VICINITY PROPERTIES**

Vicinity Properties (VPs) are separate from the former Atlas mill processing site (Moab Site) or the Crescent Junction disposal site and are located in the local Moab community. VPs became contaminated when RRM, originating from the former mill site, was placed/transported to these properties through past activities. The property described below is the only currently known remaining VP for the Moab Project.

- (a) VP 137 (Bert's Auto Site): After the property owner has completed sufficient cleanup of the property to allow for contamination remediation, and the TAC has performed a characterization survey of the remaining property, the Contractor shall remediate materials at Bert's Auto site, located south of the city of Moab, about 8 miles from the Moab UMTRA site. Materials identified at the Bert's Auto site requiring remediation include contaminated materials and any identified contaminated soils near the contaminated materials. The Contractor shall remove these contaminated materials and transport them to the Moab site for management with the RRM onsite.

**PART I – THE SCHEDULE SECTION D -**

**PACKAGING AND MARKING**

**D.01 MATERIAL/WASTE PACKAGING.....D-2**

**SECTION D - PACKAGING AND MARKING**

Section D of the ID/IQ Basic Contract, DE-EM0000842, is applicable in its entirety. In addition, the following clauses will apply:

**D.01 MATERIAL/WASTE PACKAGING**

All material/waste packaged shall be in compliance with all regulatory and statutory Federal, State, and local and any other requirements stated in the Task Order.

**PART I – THE SCHEDULE**

**SECTION E - INSPECTION AND ACCEPTANCE**

**E.01 INSPECTION AND ACCEPTANCE .....E-2**  
**E.02 FAR 52.246-11 HIGHER-LEVEL CONTRACT QUALITY REQUIREMENT (DEC 2014) ....E-2**

## SECTION E - INSPECTION AND ACCEPTANCE

Section E of the ID/IQ Basic Contract DE-EM0000842, is applicable and is hereby incorporated by reference, unless otherwise noted\*. Any clauses from the ID/IQ Basic Contract, DE-EM0000842, that are applicable to this Task Order that have been updated since the award and are denoted by\*\*.

### E.01 INSPECTION AND ACCEPTANCE

Inspection of all items for each task order issued under this contract shall be accomplished by the DCO, the DCOR, or any other duly authorized Government representative identified by the CO responsible for the overall contract. The contractor will be notified in writing or by a copy of the delegation of authority if a representative other than the DCO or the DCOR for a particular task order is designated.

Acceptance of all work and effort for each task order issued under this contract shall be accomplished by the DCO or by his/her duly authorized representative.

Final inspection and acceptance of the work for each task order issued under this contract shall be accomplished by the DCO upon completion of all task order requirements.

### E.02 FAR 52.246-11 HIGHER-LEVEL CONTRACT QUALITY REQUIREMENT (DEC 2014)\*\*

- (a) The Contractor shall comply with the higher-level quality standard selected below:
- Quality Assurance Program (based on American Society of Mechanical Engineers (ASME) publication NQA-1 2008, *Quality Assurance Requirements for Nuclear Facility Applications*, including 2009 addenda for Deactivation and Decommissioning (D&D)
  - EM-QA-001 EM Quality Assurance Program.
- (b) The Contractor shall include applicable requirements of the higher-level quality standard(s) listed in paragraph (a) of this clause and the requirement to flow down such standards, as applicable, to lower-tier subcontracts, in—
- (1) Any subcontract for critical and complex items (see 46.203(b) and (c)); or
  - (2) When the technical requirements of a subcontract require—
    - i. Control of such things as design, work operations, in-process control, testing, and inspection; or
    - ii. Attention to such factors as organization, planning, work instructions, documentation control, and advanced metrology.

\*E.2 EMCBC-E-1001, Inspection and Acceptance, listed in the ID/IQ Basic Contract, DE-EM0000842, is not applicable to this Task Order.

\*E.5 FAR 52.246-16, Responsibility for Supplies (APR 1984) listed in the ID/IQ Basic Contract, DE-EM0000842, is not applicable to this Task Order.

\*E.6 FAR 52.246-3, Inspection of Supplies – Cost Reimbursement (May 2001), is not applicable to this Task Order.

\*E.7 FAR 52.246-5, Inspection of Services – Cost Reimbursement (APR 1984), is not applicable to this Task Order.

**PART I – THE SCHEDULE**

**SECTION F - DELIVERIES OR PERFORMANCE**

**F.01 PERIOD OF PERFORMANCE..... F-2**  
**F.02 PLACE OF PERFORMANCE..... F-2**

**SECTION F - DELIVERIES OR PERFORMANCE**

Section F of the ID/IQ Basic Contract DE-EM0000842, is applicable and is hereby incorporated by reference, unless otherwise noted\*. Any clauses from the ID/IQ Basic Contract, DE-EM0000842, that are applicable to this Task Order that have been updated since the award and are denoted by\*\*.

**F.01 PERIOD OF PERFORMANCE**

The period of performance for this Task Order is 60 months from the effective date of the task order. The effective date of the task order is October 1, 2016. CLINs 0001, 0002, 0003 and 0006 are for 60 months from the effective date of the task order, CLIN 0004 is for 24 months from the effective date of the task order, and CLIN 0005 is for 12 months (starting year 5 from the effective date of the task order).

**F.02 PLACE OF PERFORMANCE**

The place of performance for this Task Order is the Moab Project Site, the Crescent Junction Site, and the disposal cell area.

\* F.1 DOE-F-1002 Place of Performance – Services, is not applicable to this Task Order.

\* F.3 EMCBC-F-1002 Contract Term, is not applicable to this task order.

\* F.6 FAR 52.242-15 Stop Work Order (AUG 1989) – Alternate I (APR 1984), is not applicable to this task order.

**PART I – THE SCHEDULE**

**SECTION G - CONTRACT ADMINISTRATION DATA**

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## SECTION G - CONTRACT ADMINISTRATION DATA

Section G of the ID/IQ Basic Contract DE-EM0000842, is applicable and is hereby incorporated by reference, unless otherwise noted\*. Any clauses from the ID/IQ Basic Contract, DE-EM0000842, that are applicable to this Task Order that have been updated since the award and are denoted by\*\*.

### G.01 CORRESPONDENCE PROCEDURES

To promote timely and effective administration, correspondence submitted for this Task Order shall include the contract number and the task order number and shall be subject to the following procedures:

- (a) **Technical Correspondence.** Technical correspondence (as used herein, this term excludes technical correspondence where patent or technical data issues are involved and correspondence which proposes or otherwise involves waivers, deviations, or modifications to the requirements, terms, or conditions of this Task Order) shall be addressed to the DOE Designated Contracting Officer's Representative (DCOR), see below paragraph (d) with an information copy of the correspondence to the DOE Alternate DCOR and DOE DCO (see below paragraph (c)).
- (b) **Other Correspondence.**

All correspondence, other than technical correspondence, shall be addressed to the DOE DCO, with information copies of the correspondence to the DOE DCOR and DOE Alternate DCOR.

The Contractor shall use the DOE DCOR or, in his or her absence, the DOE Alternate DCOR as the point of contact on technical matters, related to the Task Order subject to the restrictions of the clause entitled "DEAR 952.242-70 Technical Direction (DEC 2000)" located in Section I.

- (c) **DOE Designated Contracting Officer Address.**

Designated Contracting Officer – Ian Rexroad  
U.S. Department of Energy  
Environmental Management Consolidated Business Center  
550 Main Street, Room 7-010  
Cincinnati, OH 45202  
Telephone: 513-246-0077  
E-mail: [ian.rexroad@emcbc.doe.gov](mailto:ian.rexroad@emcbc.doe.gov)

- (d) **DOE Designated Contracting Officer's Representative Address.**

Christina M. Pennal  
U.S. Department of Energy  
200 Grand Avenue, Suite 500  
Grand Junction, Colorado 81501  
Telephone: 970-257-2119  
E-mail: [christina.pennal@emcbc.doe.gov](mailto:christina.pennal@emcbc.doe.gov)

- (e) **The Federal Cleanup Director / Alternate Designated Contracting Officer Representative is:**

Federal Cleanup Director  
Russell McCallister  
U.S. Department of Energy  
200 Grand Avenue, Suite 500  
Telephone: 970-257-2115  
E-mail: [russell.mccallister@emcbc.doe.gov](mailto:russell.mccallister@emcbc.doe.gov)

Alternate Contracting Officer's Representative  
Steve Olszewski  
U.S. Department of Energy  
Environmental Management Consolidated Business Center  
550 Main Street, Room 7-010  
Cincinnati, Ohio 45202  
Telephone: 513-246-0231  
E-mail: [steve.olszewski@emcbc.doe.gov](mailto:steve.olszewski@emcbc.doe.gov)

(f) Technical Monitors

Technical Monitors (TM) may be designated by separate letters by the DOE DCOR. The TM assists the DCOR in the scope of oversight of the contractor's work duties. The TM is not authorized to change any terms and conditions of the task order. Changes may be made only by properly written modification(s) to the task order issued by the DCO.

(g) Subject Line(s). All correspondence shall contain a subject line commencing with the Master IDIQ Contract Number, Task Order number, and subject, as illustrated below:

"SUBJECT: Contract No. and task order number, [*Insert subject topic (e.g. "Notification of Address Change")*].

## G.02 BILLING INSTRUCTIONS

- (a) Contractors shall submit invoices using the Standard Form 1034 (Public voucher for Purchases and Services Other Than Personal) electronically through the Oak Ridge Financial Service Center's (ORFSC) Vendor Inquiry Payment Electronic Reporting System (VIPERS). The VIPERS system allows vendors to submit invoices, attach supporting documentation and check the payment status of any voucher submitted to the DOE. Submitting electronically provides benefits to vendors by:
- Reducing the cost of paper and postage
  - Allowing supporting documentation to be attached and routed with the voucher to program and approving officials
  - Immediately interfacing invoices to DOE's accounting system saving several days of mail and manual processing time
  - Decreasing potential errors caused by manual input
  - Facilitating the prompt payment of invoices
- (b) To obtain access to and to use VIPERS, please visit the web page at <https://vipers.oro.doe.gov>. Detailed instructions on how to enroll and use the system are provided on the web page. Please do not send a paper copy of a voucher that has been submitted electronically. The invoice 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 and program value level of all services actually provided by the Contractor, both for the current billing period and cumulatively for the entire Task Order.
- (c) For all CLINs: the Contractor shall submit invoices (Standard Form 1034) in accordance with FAR 52.232-1 "Payments" (APR 1984).
- (d) In accordance with FAR 52.232-25, Prompt Payment, The Government will make payments to the Contractor by electronic funds transfer not later than thirty (30) calendar days after receipt of an acceptable invoice from the Contractor.
- (e) Any basis for invoice withholding, adjustment or reduction which is discovered after payment will be corrected on subsequent invoices. If the Government discovers such defects, the CO will notify the Contractor in writing. The

CO's written notification will explain the nature of the basis for withholding, adjustment, or reduction, and will specify the dollar amount of the withholding, adjustment or reduction.

**G.03 DEFECTIVE OR IMPROPER INVOICES**

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

██████████  
Chief Financial Officer  
1425 Higham St.  
Idaho Falls, Idaho 83402  
██████████

**G.04 CONTRACTOR'S POINT OF CONTACT**

The Contractor shall identify to the Contracting Officer the official who has the authority to sign this Contract and who is also responsible for managing, administering, negotiating, and executing changes or modifications to the terms and conditions of this Task Order.

██████████  
Contract Manager  
1425 Higham St.  
Idaho Falls, Idaho 83402 ██████████

**G.05 DEFINITIONS**

The following special definitions are applicable to this Task Order:

**Designated Contracting Officer (DCO)** - The person identified in Section G.01, Correspondence Procedures, with the authority to enter into contracts as defined in FAR 2.101, who is assigned as responsible for this task order. This is the official who will award and administer the task order.

**Designated Contracting Officer's Representative (DCOR)** - The Contracting Officer's designated representative whose responsibilities apply to the administration of the task order. The extent of the DCOR's authority is defined in DEAR Clause 952.242-70, *Technical Direction*.

**Alternative Designated Contracting Officer's Representative** - The Contracting Officer's alternate designated representative whose responsibilities apply to the administration of the task order, only when the DCOR is unavailable. The extent of the Alternate DCOR's authority is defined in DEAR Clause 952.242-70, *Technical Direction*.

**Technical Monitor (TM)** – Representative designated by the DCOR whose responsibilities apply to the administration of one or more specific subtasks included in the Performance Work Statement of the task order. The TM will be responsible for providing the Contractor with technical guidance and for providing the DCOR with regular updates concerning the Contractor's performance on those subtasks for which he/she is responsible for.

- \* G.1 DOE-G-1001 Billing Instructions (applies to Cost-Reimbursement Task Orders Only), is not applicable to this task order.
- \* G.3 EMCBC-G-1001 Billing Instructions – ALT I, is not applicable to this Task Order.
- \* G.5 EMCBC-G-1003 Individuals Authorized to Issue Orders, is not applicable to this Task Order
- \* G.7 EMCBC-G-1005 Correspondence Procedures, is not applicable to this Task Order.

- \* G.8 EMCBC-G-1006 Defective or Improper Invoices, is not applicable to this Task Order.
- \* G.9 EMCBC-G-1007 Definitions, is not applicable to this Task Order

**PART I – THE SCHEDULE**

**SECTION H - SPECIAL CONTRACT REQUIREMENTS**

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## SECTION H - SPECIAL CONTRACT REQUIREMENTS

Section H of the ID/IQ Basic Contract DE-EM0000842, is applicable and is hereby incorporated by reference, unless otherwise noted\*. Any clauses from the ID/IQ Basic Contract, DE-EM0000842, that are applicable to this Task Order that have been updated since the award and are denoted by\*\*.

### H.01 MAJOR OR CRITICAL SUBCONTRACTORS – DESIGNATION AND CONSENT

The following subcontractors have been determined to be major or critical subcontractors:

- [REDACTED]
- [REDACTED]

At the Basic Contract level, if the Contractor proposes to use any new major or critical subcontractors other than those named above the Contractor shall provide notification to, and obtain consent from, the CO regardless of any exceptions that maybe stated in the Subcontracts clause of this contract. Consent to these subcontracts is retained by the CO and will not be delegated.

If a contractor proposes a subcontractor other than those identified above to perform work under each individual Task Order in the areas of Environmental Restoration, Demolition, Regulatory Services, and Radiological Controls and Safety, the contractor must obtain consent by the CO before the contractor may be issued the 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 CO. 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.

After the award of each individual Task Order, if the Contractor proposes to replace any of the approved major or critical subcontractors, the Contractor shall provide notification to, and obtain consent from the DCO regardless of any exceptions that may be stated in the Subcontracts clause of this contract. Consent of these subcontracts is retained by the DCO and will not be delegated.

### H.02 TASK ORDER OVERSIGHT

- a) DOE and/or its designee will perform routine surveillance and observation of the contractor's work and performance. The contractor shall correct, within one working day (or as agreed to by DOE), violations of laws, regulations, DOE Orders, Standards or site mandated rules, when notified by the DCO or DCOR. The contractor shall correct all other deficiencies or noncompliance with the Task Order within five days (or as agreed to by DOE). The contractor shall provide logistical support to the DOE in order to facilitate conducting oversight activities on an as-needed basis, at the discretion of the DCOR or assigned representative.
- b) The contractor shall respond to DOE oversight and to concerns, findings and observations as identified by the DCO or DCOR during the conduct of these oversight activities. The five oversight activities that may be conducted during the course of the execution of this Task Order are as follows:
  - Project Management Oversight: Includes daily field inspections and weekly and monthly assessment of the project status, to determine and validate project performance. The Contractor shall support:
    - (1) Management Walkthroughs conducted in areas or locations where work is ongoing;
    - (2) Periodic Walkthroughs by DOE-HQ personnel or regulators; and
    - (3) Employee concerns elevated to DOE for evaluation.
  - Contract Management Oversight: Administration and monitoring of the Task Order will be performed by the DCOR or their designee. Administration and monitoring of the prime contract will be in accordance with the contract terms and conditions which include, but are not limited to, the oversight required under FAR Subchapter G – Contract Management (FAR Parts 42-51) and its supplements, as applicable.

- **Daily Oversight:** DOE may utilize Facility Representatives, Project Managers and Subject Matter Experts, in addition to the DCOR, to conduct daily oversight and inspection. The purpose of this oversight will be to assess compliance with the terms and conditions of the Task Order. In addition to this oversight, contractor shall support the following DOE activities: Senior management walkthrough, conducted in scheduled areas or locations where significant work is ongoing; Specific tours of buildings or release sites that have been deemed as response actions; Periodic walkthrough by the appropriate regulators or DOE Headquarters personnel; Employee concerns elevated to DOE for evaluation.
- **Assessments:** DOE or other regulatory agencies may conduct assessments of the contractor's performance. Notice of these performance assessments will be given to the contractor fourteen calendar days in advance of the assessment.
- **Self-Assessment:** DOE oversight activities will focus primarily on a safe, accelerated remediation. The contractor shall respond to DOE oversight and to concerns, findings and observations during the conduct of these oversight activities.

### **H.03 REGULATOR INTERFACE REQUIREMENTS**

Contractor interactions with regulators shall always be coordinated with the DOE. The contractor shall notify DOE prior to any interaction with regulators and shall make available copies of all correspondence (e.g., reports, findings, records of phone conferences, meeting minutes).

### **H.04 ACCESS TO DOE-OWNED OR LEASED FACILITIES**

- (a) The performance of this contract requires that employees of the Contractor have physical access to DOE-owned or -leased facilities; however, this clause does not control requirements for an employee's obtaining a security clearance. The Contractor understands and agrees that DOE has a prescribed process with which the Contractor and its employees must comply in order to receive security badges that allow such physical access. The Contractor further understands that it must propose employees whose backgrounds offer the best prospect of obtaining approval for access, considering the following potentially disqualifying criteria, which are not all inclusive and may vary depending on access requirements:
1. Is or is suspected of being, a terrorist;
  2. Is the subject of an outstanding warrant;
  3. Has deliberately omitted, concealed, or falsified relevant and material facts from any Questionnaire for National Security Positions (SF-86), Questionnaire for Non-Sensitive Positions (SF-85), or similar form;
  4. Has presented false or forged identity source documents;
  5. Has been barred from Federal employment;
  6. Is currently awaiting a hearing or trial or has been convicted of a crime punishable by imprisonment of six (6) months or longer; or
  7. Is awaiting or serving a form of pre-prosecution probation, suspended or deferred sentencing, probation or parole in conjunction with an arrest or criminal charges against the individual for a crime that is punishable by imprisonment of six (6) months or longer.
- (b) The Contractor shall assure:
1. In initiating the process for gaining physical access, (i) compliance with procedures established by DOE, including use of any forms directed by DOE; (ii) that employees properly complete said forms; and (iii) that the employees submit the forms to the person designated by the Contracting Officer.
  2. In completing the process for gaining physical access, that its employees (i) cooperate with DOE officials responsible for granting access to DOE-owned or leased facilities; and (ii) provide any additional information as DOE may request.
- (c) The Contractor understands and agrees that DOE may unilaterally deny a security badge to an employee and that the denial remains effective until such time as DOE determines that access may be granted. Upon notice from DOE that

an employee's application for a security badge is or will be denied, the Contractor shall promptly identify a substitute employee and initiate the process for gaining access for the substitute. DOE's denial of a security badge to individual employees shall not be cause for extension of the period of performance of this Contract or any contractor claim against DOE.

- (d) The Contractor shall return to the Contracting Officer or designee the badge(s) or other credential(s) provided by DOE pursuant to this clause, granting physical access to DOE-owned or leased facilities by the Contractor's employee(s), upon (1) the termination of this Contract; (2) the expiration of this Contract; (3) the termination of employment on this Contract by an individual employee; or (4) demand by DOE for return of the badge.
- (e) The Contractor shall include this clause, including this paragraph (e), in any subcontract, awarded in the performance of this Contract, in which one or more subcontractor employees will require physical access to DOE-owned or leased facilities.

#### **H.05 CONTRACT PARTICIPATION BY FOREIGN NATIONALS**

- (a) The Contractor shall notify the Contracting Officer, in writing, prior to the employment of or participation by any foreign national in the performance of work under the Contract.
- (b) The Contractor shall notify the Contracting Officer, in writing, prior to any visit to sites covered by this Contract by any foreign national in connection with the work being performed under this Contract. This notification shall be made at least 75 days prior to the planned visit.

#### **H.06 CONTRACTOR PERSONNEL REQUIREMENTS**

On-site contractor personnel working within Government facilities on a continuous basis, part-time or full-time, must be recognizable as contractors while in government facilities. This may be accomplished by wearing of appropriate identification. Additionally, contractor personnel whose duties include answering telephones at Government work sites shall identify themselves as contractor employees.

DOE Background Investigations are required for Contractor personnel assigned to work on-site. For those employees who were employed under the previous contract, the security file must be updated to reflect the Contractor's information.

All contractor personnel will be required to obtain an access badge through the security office. This badge must be worn on outside clothing at all times while working at any DOE site. Any separated Contract personnel shall return badges to the cognizant DOE Security Office. The COR or Contracting Officer shall be informed by letter when employees no longer need access for whatever reason, or when a badge expires.

#### **H.07 WORKER SAFETY AND HEALTH PROGRAM**

- (a) 10 CFR 851 sets forth the worker health and safety requirements for the conduct of contractor activities at DOE sites. A "DOE site" means a DOE-owned or -leased area or location or other area or location controlled by DOE where activities and operations are performed at one or more facilities or places by a contractor in furtherance of a DOE mission. A "Covered workplace" means a place at a DOE site where a contractor is responsible for performing work in furtherance of a DOE mission.
- (b) The Contractor shall comply with all applicable safety and health requirements set forth in 10 CFR 851, Worker Safety and Health Program. The Contractor shall develop, implement, and maintain a written Worker Safety and Health Plan (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 within 60 days of the task order effective date. 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 environmental, health, and safety regulations. The Contractor shall take all reasonable precautions to protect the environment, health, and safety of its employees, DOE personnel, and members of the public. The Contractor shall take all necessary and reasonable steps to minimize the impact of its work on DOE functions and employees. 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.

- (c) The Contractor shall immediately report all job-related injuries and/or illnesses which occur in any DOE facility to the Contracting Officer's Representative. Upon request, the Contractor shall provide a copy of occupational safety and health self-assessments and/or inspections of work sites for job hazards for its DOE facilities to the Contracting Officer's Representative.
- (d) The Contracting Officer will notify the Contractor, in writing, of any noncompliance with the terms of this clause, plus the corrective action to be taken. After receipt of such notice, the Contractor shall immediately take corrective action.
- (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, a start order for resumption of the work may be issued at the discretion of the Contracting Officer. The Contractor shall not be entitled to an equitable adjustment of the Contract amount or extension of the performance schedule on any stop work order issued under this special Contract requirement.

## **H.08 QUALITY ASSURANCE FOR WORK AFFECTING NUCLEAR SAFETY**

The contractor shall implement a DOE-approved Quality Assurance Program (QAP) (Section J, Attachment A) in accordance with the EM Quality Assurance Program, 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 be implemented as part of the contractor's QAP for work affecting nuclear safety. The required portions of NQA-1 to be implemented include: Introduction, Part I, and as 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 414.1C.

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).

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.09 GOVERNMENT-FURNISHED PROPERTY (GFP)**

Government furnished property, provided in Section J, Attachment J-5, is provided in manner that is suitable for contract performance. In the event property is received by the Contractor, or for Government-furnished property after receipt and installation, in a condition not suitable for its intended use, the Contracting Officer shall, upon the Contractor's timely written request, advise the Contractor on a course of action to remedy the problem. Such action may include repairing, replacing, modifying, returning, or otherwise disposing of the property at the Government's expense.

#### **H.10 CONTRACTOR EMPLOYEE TRAINING**

The Contractor shall provide fully qualified and trained personnel to support the requirements. 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 is responsible for obtaining the appropriate training for their employees to perform the work.

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 effective date of this task order and at least once annually thereafter). The Contractor shall ensure that every employee expected to work on federal property is instructed to safely and competently perform the work.

#### **H.11 EMPLOYEE CONCERNS PROGRAM**

The Contractor shall submit an implementation plan to the Contracting Officer for approval within 90 days of the effective date of the task order that describes an Employee Concerns Program (ECP) that implements all programmatic requirements in DOE Order 442.1A Department of Energy Employee Concerns Program, and all superseding versions.

#### **H.12 LOBBYING RESTRICTIONS (ENERGY AND WATER DEVELOPMENT AND RELATED AGENCIES APPROPRIATIONS ACT, 2015)**

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

#### **H.13 CONSERVATION OF UTILITIES**

The Contractor shall instruct Contractor employees in utilities conservation practices. The Contractor shall operate under conditions that preclude the waste of utilities. The Contractor shall use lights only in areas where and at the time when work is actually being performed except in those areas where lighting is essential for purpose of safety and security.

#### **H.14 GOVERNMENT FURNISHED FACILITIES AND SERVICES**

- (a) The Government shall provide office space, any available GFP (office furnishings, manuals, computers, monitors, printers, and other office equipment), and access to Government computer systems for the Contractor's personnel at the DOE Moab and Crescent Junction Sites. The Government will also provide office space for the Contractor's personnel specifically working on this task order at the DOE Grand Junction location. The Contractor is responsible for all utilities (including power and water (construction and potable), required for operation of the DOE Moab Site and the DOE Crescent Junction Site.
- (b) The Contractor shall have the facilities and other required resources needed to support its activities other than those specified above to be furnished by the Government.

## **H.15 REPORTING OF FRAUD, WASTE, ABUSE, CORRUPTION, OR MISMANAGEMENT**

The Contractor is required to comply with the following in accordance with the applicable DOE O 221.1A, Reporting Fraud, Waste, and Abuse to the Office of Inspector General:

- (a) Notify their employees annually of their duty to report directly to the DOE Inspector General (IG) allegations of fraud, waste, abuse, corruption, or mismanagement in DOE programs, operations, funds, or contracts. The DOE Contractor employees should, when appropriate, report directly to the IG any information concerning wrongdoing by employees of DOE, Contractors, or subcontractors. The DOE Contractor employees should also report to the DOE IG any allegations of reprisals taken against DOE or DOE Contractor employees who have reported fraud, waste, abuse, corruption, or mismanagement to the IG;
- (b) Display and publish the DOE IG hotline telephone number in common areas of buildings, such as cafeterias, public telephone areas, official bulletin boards, reception rooms, and building lobbies; and
- (c) Publish the DOE IG hotline telephone number in phone books and newsletters.

## **H.16 SUBCONTRACTS**

- (a) Prior to the placement of subcontracts and in accordance with the clause entitled FAR 52.244-6, "Subcontracts for Commercial Items (APR 2015)," the Contractor shall ensure that:
  - 1. They contain all of the clauses of this Task Order (altered when necessary for proper identification of the contracting parties) which contain a requirement for such inclusion in applicable subcontracts. Particular attention should be directed to the potential flow-down applicability of the clauses entitled "Utilization of Small Business Concerns and Small Disadvantaged Business Concerns" contained in Part II, Section I of the contract;
  - 2. Any applicable subcontractor Certificate of Current Cost or Pricing Data (see FAR 15.404-3b) and subcontractor Representations and Certifications (see Part IV, Section K and the document referenced in the Representations, Certifications and Other Statements of the Bidder clause are received); and
  - 3. Any required prior notice and description of the subcontract is given to the Contracting Officer and any required consent is received. Except as may be expressly set forth therein, any consent by the Contracting Officer to the placement of subcontracts shall not be construed to constitute approval of the subcontractor or any subcontract terms or conditions, determination of the allowability of any cost revision of this contract or any of the respective obligations of the parties there under, or creation of any subcontractor privity of contract with the Government.
- (b) Prior to the award of any subcontracts for advisory and assistance services, the Contractor shall obtain from the proposed subcontractor or consultant the disclosure required by, and shall determine in writing whether the interests disclosed present an actual or significant potential for an organizational conflict of interest, in accordance with the contained in Section I of this contract. The subcontractor shall perform no work until the Contractor has cleared the subcontractor for Organizational Conflicts of Interest (OCI).

## **H.17 KEY PERSONNEL**

- (a) Introduction.

Key Personnel are considered essential to the success of all work being performed under this Contract. This Clause provides specific requirements for the Key Personnel Team, requirements for changes to Key Personnel, contract commitment, and identification of all Key Personnel for this Contract.

(b) Key Personnel Team Requirements.

All Key Persons under this Contract are collectively referred to as the Key Personnel Team. The Designated Contracting Officer and Designated Contracting Officer’s Representative(s) shall have direct access to the Key Personnel. Designated Key Personnel shall meet the minimum qualifications listed in Section J Attachment 4, Key Personnel Minimum Labor Qualifications.

(c) Definitions

- (1) For the purposes of this Clause, *Changes to Key Personnel* is defined as: (i) any change to the position assignment of a current Key Person under the Contract, except for a person who acts for short periods of time, in the place of a Key Person during his or her absence, the total time of which shall not exceed 30 working days during any given year; (ii) utilizing the services of a new substitute Key Person for assignment to the Contract; or (iii) assigning a current Key Person for work outside the Contract.
- (2) For the purposes of this Clause, *Beyond the Contractor’s Control* is defined as an event for which the Contractor lacked legal authority or ability to prevent *Changes to Key Personnel*.

(d) Requirements for Changes to Key Personnel

- (1) The Contractor shall notify the Designated Contracting Officer and request approval in writing at least 60 days in advance of any changes to Key Personnel.
  - (2) The Contractor shall not make a change in Key Personnel without prior written approval of the Designated Contracting Officer.
  - (3) No Key Person position shall remain vacant for a period more than 30 days following Designated Contracting Officer approval of a change in Key Personnel.
  - (4) Approval of changes to Key Personnel is at the unilateral discretion of the Designated Contracting Officer.
  - (5) Whenever, for any reason, one or more of the following employees is temporarily unavailable for assignment for work under this contract, the Contractor shall, with the approval of the DCO, replace such employee with an employee of substantially equal abilities and qualifications.
- (e) Unless approved in advance, in writing, by the DCO, Key Personnel shall not be removed, replaced or diverted by the Contractor for reasons under the Contractor’s control within two (2) year of performance from the effective date of the Task Order.
- (f) The list of personnel may, with the consent of the contracting parties, be amended from time to time during the course of the contract to add or delete personnel.

Key Personnel	
Name	Position
████████████████████	Project Manager
████████████████████	Moab Operations/Site Manager
████████████████████	Crescent Junction Operations/Site Manager
████████████████████	ESH&Q Manager

**H.18 PRIVACY ACT SYSTEMS OF RECORD**

- (a) 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*.

Title

- Personnel Records of Former Contractor Employees
- Emergency Locator Records Payroll & Locator Records Report of Compensation
- Payroll & Pay-Related Data for Employees of Terminated Contractors
- General Training Records
- Personnel Medical Records
- Personnel Radiation Exposure Records Contractor Employees Insurance Claims Personnel Security File
- Security Investigations
- Employee and Visitor Access Control Records Access Authorization for ADP Equipment General Correspondence Files

- (b) The above list shall be revised by mutual agreement between the Contractor and the Contracting Officer as necessary to keep it current. A formal modification to the Contract is not required to incorporate these revisions; but the revisions become effective upon mutual agreement of the parties. The mutually agreed upon revisions shall have the same effect as if actually listed above for the purpose of satisfying the listing requirement contained in paragraph (a)(1) of the Section I Clause entitled, *FAR 52.224-2, Privacy Act*.

The revisions will be formally incorporated per the next annual Contract update modification, unless added sooner by the Contracting Officer.

## **H.19 DISPOSITION OF INTELLECTUAL PROPERTY – FAILURE TO COMPLETE CONTRACT PERFORMANCE**

The following provisions shall apply in the event the Contractor does not complete contract performance for any reason:

- (a) The Government shall take possession of and use all the technical data, including limited rights data, restricted computer software, and data and software obtained from subcontractors, licensors, and licensees, necessary to complete the work in conformance with this contract, including the right to use the data in any Government solicitations for the completion of the work contemplated under this contract. Technical data includes, but is not limited to, specifications, designs, drawings, operational manuals, flowcharts, software, databases and any other information necessary for the completion of the work under this contract. The Contractor shall ensure that its subcontractors and licensors make similar rights available to the Government and its contractors.
- (b) The Contractor agrees to and does hereby grant to the Government an irrevocable, non-exclusive, paid-up license in and to any inventions or discoveries regardless of when conceived or actually reduced to practice by the Contractor, and any other intellectual property, including technical data, which are owned or controlled by the Contractor, at any time through completion of this Contract and which are incorporated or embodied in the construction of the facilities or which are utilized in the operation or remediation of the facilities or which cover articles, materials or products manufactured at a facility: (1) to practice or to have practiced by or for the Government at the facility; and, (2) to transfer such license with the transfer of that facility. The acceptance or exercise by the Government of the aforesaid rights and license shall not prevent the Government at any time from contesting the enforceability, validity or scope of, or title to, any rights or patents or other intellectual property herein licensed.
- (c) In addition, the Contractor will take all necessary steps to assign permits, authorizations, leases, and licenses in any third party intellectual property to the Government, or such other third party as the Government may designate, that are necessary for the completion of the work contemplated under this Contract.

## **H.20 PAPERLESS DIRECTIVE PROCESSING SYSTEM**

- (a) The Contractor, in addition to complying with applicable laws, rules, and other regulations, shall comply with those DOE orders and other directives applicable to Contractors, with the applicable departmental policies, plans, programs, and management directives, and with all changes to assigned work as agreed to by the Contractor and the Contracting Officer (CO) or designee.

- (b) DOE has developed an operating and administrative requirements "List of Applicable DOE Directives," attached to the contract as Section J, Attachment J-1. The Contractor shall comply with the directives identified in such list. The Contractor shall make no claim, including a claim for equitable adjustment under The Changes clauses of this contract, for additional costs, fee or extension of time of performance relating to compliance with the directives in such list.
- (c) The List of Applicable DOE Directives to the contract will be revised and issued, by the DOE CO, as a contract modification, as necessary. The CO may direct the Contractor to comply with additional DOE directives and local directives and revisions thereto, as follows:

Pursuant to any Environment, Safety, and Health provisions of this contract, and in accordance with the Changes clause of this contract with respect to changes in directives involving safety, environment, health, and quality.

- (d) The CO and his/her representative(s) expressly authorized in writing to do so are the only Government officials authorized to provide explanations as to the applicability of directives. The CO is the only Government Official authorized to resolve possible conflicting requirements involving directives.
- (e) Upon receipt of a new or revised directive, the Contractor shall review it for consistency with the other terms of this contract and for impacts on funding, manpower and other provisions of the contract. If the Contractor considers the directive to be consistent with the other terms of this contract and it can be implemented within existing funds, manpower, and other provisions of the contract and the implementation will not have a negative impact on the cost, schedule, or other obligations of the Contractor, the Contractor shall establish an implementation schedule, and so advise the CO within 30 calendar days of receipt. In the event the Contractor considers the directive to be inconsistent with the other terms of this contract or the requirements of the directive cannot be implemented within existing funding, manpower, and other provisions of the contract, the Contractor shall so advise the CO within 30 calendar days of receipt. Such notice shall include the basis for the claimed inconsistency and the projected cost of implementation in excess of current funding, manpower, and other provisions of the contract. After evaluation of the Contractor's position, the CO shall issue direction to the Contractor, pursuant to the applicable Changes clause in this contract, concerning appropriate implementation of the directive.
- (f) The Contractor will, at least quarterly, notify DOE of those directives obtained from the DOE Paperless Directive System as described in (d) above. The Contractor cognizant personnel will review these directives and recommend for concurrence disposition of the directives to DOE-Hanford.
- (g) Upon agreement between the Contractor and DOE, the directive will be implemented as outlined in a Contractor Management Summary or Implementation Plan, whichever is appropriate, and the directive added to Attachment J-1, List of Applicable DOE Directives of the contract and issued by the CO. The same process will be utilized for deletion of directives.
- (h) The Contractor shall incorporate the substance of this clause with respect to applicable directives, excluding any reference to the Changes clause, in subcontracts for performance of work at the site and as directed by the CO.

## **H.21 TRANSITION TO FOLLOW-ON CONTRACT**

The Contractor recognizes that the work and services covered by this contract are vital to the DOE mission and must be maintained without interruption, both at the commencement and the expiration of this contract. It is therefore understood and further agreed in recognition of the above:

- (a) At the expiration of the contract term or any earlier termination thereof, the Contractor shall cooperate with a successor contractor 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 coordinated manner to the successor contractor. The Contractor shall cooperate with the successor contractor with regard to the termination or transfer arrangements for such employees to ensure maximum protection of employee service credits and fringe benefits.

- (b) At contract expiration or termination, the Contractor shall cooperate with a successor contractor to jointly prepare a mutual detailed plan for the phase-out and phase-in of operations. This plan shall be provided to the CO within 30 days of task order expiration and specify a training and orientation program to cover each phase of the scope of work covered by the contract. A proposed date by which the Contractor will assume responsibility from the outgoing Contractor for such work shall be established. The outgoing Contractor will maintain full responsibility for such work until assumption thereof by the incoming Contractor. Execution of the proposed plan or any part thereof shall be accomplished in accordance with the Contracting Officer's direction and approval.
- (c) This clause shall apply to subcontracts as approved by the Contracting Officer.
- (d) These follow on activities are in addition to and in coordination with the requirements described under Section I, FAR 52.237-3, Continuity of Services (JAN 1991).

## **H.22 INSURANCE - WORK ON A GOVERNMENT INSTALLATION**

The following kinds and minimum amounts of insurance are required during the performance of this contract:

- (a) Worker's Compensation and Employer's Liability Insurance:
  - (1) The amount required by the state in which the work is being performed under applicable Worker's Compensation and occupational disease statutes.
  - (2) Employer's liability insurance in the amount of \$100,000.
- (b) General Liability Insurance. Bodily liability coverage written on the comprehensive form of policy of at least \$500,000 per occurrence.
- (c) Automobile Liability Insurance. Coverage shall be on the comprehensive form of policy. It shall provide for bodily injury and property damage liability covering the operation of all automobiles used in connection with performing the contract. Policies covering automobiles operated in the United States shall provide coverage of at least \$200,000 per person and \$500,000 per occurrence for bodily injury and \$20,000 per occurrence for property damage.
- (d) The amount of liability coverage on other policies shall be commensurate with any legal requirements of the locality and sufficient to meet normal and customary claims.

## **H.23 CONTRACTOR RECOGNITION**

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

## **H.24 ASSIGNMENT AND TRANSFER OF CONTRACTS AND SUBCONTRACTS**

- (a) Assignment of DOE Prime Contracts. During the period of performance of this contract, it may become necessary for the U.S. Department of Energy (DOE) to transfer and assign existing or future DOE prime contracts supporting site work to this contract. The Contractor shall accept the transfers and assignments of such contracts. Any recommendations and/or suggestions regarding individual transfers directed by DOE shall be submitted in writing to the Contracting Officer prior to the transfer or assignment.
- (b) Transfer of Subcontracts. As the successor contractor, the Contractor agrees to accept the transfer of existing subcontracts as determined necessary by DOE for continuity of operations. The Contractor shall use its best efforts to negotiate changes to the assigned subcontracts incorporating mandatory flow-down provisions at no cost. If the subcontractor refuses to accept the changes or requests price adjustments, the Contractor will notify the Contracting

Officer in writing. DOE reserves the right to direct the Contractor to transfer to DOE or another Contractor any subcontract awarded under this contract.

## **H.25 USE OF GOVERNMENT VEHICLES BY CONTRACTOR EMPLOYEES**

- (a) The Government may provide Government-owned vehicles for the Contractor's use in performance of this contract.
- (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 52.223-18, 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.26 CONTRACTOR ACCEPTANCE OF NOTICES OF VIOLATION OR ALLEGED VIOLATIONS, FINES, AND PENALTIES**

- (a) The Contractor shall notify the DOE Contracting Officer and 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.
- (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 DCO.
- (c) If it is determined that the Contractor caused a violation:
  - (1) All fines and penalties arising from or related to violations of environmental requirements are to be paid by Contractor. If DOE pays a fine or penalty for a violation that the Contractor caused, the amount of the fine or penalty shall be due from the Contractor, and DOE may immediately offset that amount against payments to which the Contractor is otherwise entitled to or any other funds otherwise owed by the Government to the Contractor; and

- (2) Costs of challenging or defending actions brought against the Contractor for violations of environmental requirements are to be borne by the Contractor.

## **H.27 PROTECTION OF PERSONALLY IDENTIFIABLE INFORMATION (PII)**

### (a) Definitions.

- (1) Personally Identifiable Information: Any information about an individual maintained by DOE or its contractors, (e.g. medical, education, financial, criminal or other employment history and information, etc.), which can be used to distinguish or trace an individual's identity, (e.g. name, social security numbers, date and place of birth, mother's maiden name, biometric records, etc.), and any other personal information which is linked or linkable to an individual.
- (2) PII Incident: Any suspected or confirmed cyber security or physical security incident involving PII.

### (b) Requirements.

- (1) All suspected or confirmed cyber security and physical security incidents involving PII are to be reported to the DOE Cyber Incident Advisory Capability (CIAC) within 45 minutes of discovering the incident. Reports to the CIAC may be sent via email to [ciac@ciac.org](mailto:ciac@ciac.org), by phone to (925) 422-8193, or by fax to (925) 423-8002. The CIAC website is [www.ciac.org](http://www.ciac.org).
- (2) In addition to notification to CIAC, all suspected or confirmed cyber security and physical security incidents involving PII shall be reported telephonically within 45 minutes of discovering the incident to: (i) the EM-3 Chief Operating Officer; and (ii) the ORP Manager, ORP Deputy Manager, or ORP Duty Officer.
- (3) While the initial notification may be telephonic, the Contractor must follow-up writing signed by a senior Contractor official. Notices must at a minimum contain factual information describing both the circumstances surrounding the loss and the information that was compromised. All notifications shall include the name and telephone number of a contact person.
- (4) Appropriate steps shall be taken to minimize identity theft risks to the affected individuals.
- (5) The Contractor shall notify all employees and others affected by the PII loss unless after consultation with law enforcement officials, the Assistant Secretary for Environmental Management determines that notification will significantly compromise the investigation.

## **H.28 CONTROL/PERFORMANCE MEASUREMENT/MONTHLY REPORTING**

The Contractor shall establish, maintain, and use a Performance Measurement System (PMS) that accurately records and reports the Contract performance against the requirements of the Contract, and is consistent with the required Contract Work Plan (Section J – Attachment J-14). The Contract Work Plan (CWP) shall be provided within 90 days after the effective date of the task order, and shall include an integrated system of project management elements (e.g., scope, schedule, and alignment with the WBS to capture all contract requirements) for planning, executing, and measuring performance for all contract requirements during the Contract Period of Performance (CPP). A PMS shall be used that evaluates progress against the approved CWP. The PMS shall employ sound performance measurement principles and shall establish performance milestones, schedules, and percentage of project completion while providing adequate insight into potential risks to DOE relating to achievement of schedule and technical performance objectives. The Contractor shall provide DOE a description of the PMS to be utilized for the effort (see Section J, Attachment J-14).

In support of the Moab UMTRA Project Federal Lifecycle Baseline maintenance, the Contractor shall prepare and provide an updated CWP annually throughout the CPP by October 1st of each year. All annual updates to the CWP shall capture any potential contract modifications, progress made to date, and remaining budget and scope required to complete all contract requirements.

The Contractor shall submit a Monthly Progress Report to the DCO, with a copy to the Office of Project Assessment at [ContractorsMPR@hq.doe.gov](mailto:ContractorsMPR@hq.doe.gov), not later than the eighth business day prior to the end of each calendar month. The report shall provide the prior month's performance for each Contract Line Item Number (CLIN) and an update of the performance to date. The report shall include a narrative description of scope accomplished, progress on corporate and Contract specific performance metrics, status of milestones and deliverables, and an explanation of any performance variances from the CWP and planned mitigation efforts to correct performance issues.

The Contractor shall provide all management and technical information to:

1. Support audits, evaluations, and external technical reviews; and
2. Support other DOE project performance assessments and information needs.

All project management information developed under this Contract shall be provided electronically or be electronically accessible by DOE.

## **H.29 OFFICIAL USE ONLY INFORMATION**

- (a) Official Use Only (OUO) information is certain unclassified information that may be exempt from public release under the Freedom of Information Act and has the potential to damage governmental, commercial, or private interests if disseminated to persons who do not need to know the information to perform their jobs or other DOE authorized activities.
- (b) The Contractor shall comply with the Contractor Requirements Documents (CRDs) of DOE O 471.3, Identifying and Protecting Official Use Only Information, and DOE M 471.3-1, Manual for Identifying and Protecting Official Use Only Information, to determine whether unclassified documents created and/or handled in the performance of this contract are OUO information, and ensure that documents determined to contain OUO information are marked appropriately.

## **H.30 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 agreed to by both parties during Contract performance. The U.S. Army Corps of Engineers has championed partnering and their guidelines will be utilized in organizing partnering meetings and establishing a partnering agreement.

## **H.31 PROGRAMMATIC RISKS AND UNCERTAINTIES**

- (a) Completion of the Performance Work Statement (PWS) will require the DOE and the Contractor to successfully resolve, mitigate, eliminate, or avoid various types of risk. Risks to the workers, public, and the environment are managed through the Environment, Safety, Health and Quality Assurance (ESH&Q) Program identified in Sections C.3.2.5.4 and C.4.6.4 and the and Integrated Safety Management (ISM) System identified in Sections C.3.2.5.5 and C.4.6.5. Risks to project schedule and cost shall be managed within the Performance Measurement System identified in Section H, Clause H.29. The Contractor shall identify, quantify, and develop mitigation strategies for all project schedule and cost risks into the Risk Management Plan. The Risk Management Plan shall identify and incorporate

risk mitigation alternatives and the costs associated with the alternatives in the Risk Management Plan as required by Section H.29 to manage other project and regulatory uncertainties.

- (b) The Contractor shall identify significant project and regulatory uncertainties contained within the PWS that, in its opinion, provide a significant risk to project schedule. The Contractor shall describe its approach to eliminate, avoid or mitigate these risks in the Risk Management Plan. The Contractor shall implement the actions described and eliminate, avoid or mitigate the risks during performance of the contract.
- (c) When developing approaches to eliminate, avoid or mitigate risks to project, the Contractor shall propose an allocation of risk responsibility to the organization best suited to manage the risk. This can result in the Contractor assuming total responsibility, the DOE assuming total responsibility, or a clearly defined method of sharing risk responsibility between the DOE and the Contractor.

### **H.32 CONFERENCE MANAGEMENT**

The Contractor agrees that:

- a) The contractor shall ensure that contractor-sponsored conferences reflect the DOE/NNSA's commitment to fiscal responsibility, appropriate stewardship of taxpayer funds and support the mission of DOE/NNSA as well as other sponsors of work. In addition, the contractor will ensure conferences do not include any activities that create the appearance of taxpayer funds being used in a questionable manner.
- b) The definition of a conference is a meeting, retreat, seminar, symposium, or event that involves attendee travel. The term 'conference' also applies to training activities that are considered to be conferences under 5 C.F.R. 410.404.
- c) Contractor-sponsored conferences include those events that meet the conference definition and either or both of the following:
  - 1) The contractor provides funding to plan, promote, or implement an event, except in instances where a contractor:
    - i. covers participation costs in a conference for specified individuals (e.g. students, retirees, speakers, etc.) in a total amount not to exceed \$10,000 (by individual contractor for a specific conference) or
    - ii. purchases goods or services from the conference planners (e.g., attendee registration fees, renting booth space).
  - 2) The contractor authorizes use of its official seal, or other seals/logos/ trademarks to promote a conference. Exceptions include non-M&O contractors who use their seal to promote a conference that is unrelated to their DOE contract(s) (e.g., if a DOE IT contractor were to host a general conference on cyber security).
- d) Attending a conference, giving a speech or serving as an honorary chairperson does not connote sponsorship.
- e) The 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.
- i) 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.
- \* H.2 FAR 52.234-4 Earned Value Management System. (JUL 2006) (Applies to Each Individual Task Order, if applicable), is not applicable to this Task Order.
- \* H.4 DOE-H-1003, Labor Relations, is not applicable to this Task Order.
- \* H.7 DOE-H-1007, Post-Contract Responsibilities for Pension and Other Benefit Plans, is not applicable to this Task Order.
- \*H.17 EMCBC-H-1008, Project Control Systems and Reporting Requirements, is not applicable to this Task Order.
- \* H.18 EMCBC-H-1009, Management Project Controls, is not applicable to this Task Order.
- \*H.25 EMCBC-H-1016 Award Fee, is not applicable to this Task Order.
- \*H.26 EMCBC-H-1017 Award Fee Plan, is not applicable to this Task Order.
- \*H.27 EMCBC-H-1018 Payment of Base Fee and Award Fee, is not applicable to this Task Order.
- \*H.32 EMCBC-H-1023 Lobbying Restriction (Energy and Water Development and Related Agencies Appropriations Act, 2009), is not applicable to this Task Order.
- \* H.33 EMCBC-H-1024, Representations, Certifications, and Other Statements of the Offeror, is not applicable to this Task Order, is not applicable to this Task Order.
- \* H.35 EMCBC-H-1026, EMCBC-H-1026, Contractor Human Resource Management, is not applicable to this Task Order, is not applicable to this Task Order.

\*\*H.15 EMCBC-H-1006 Major or Critical Subcontracts – Designation and Consent, is updated in this Task Order.

### **H.33 SCHEDULE OF RATES REOPENER**

As of the date of contract award, audit effort assisting the Contracting Officer in negotiating direct and indirect rates is not yet completed. A completed audit will ensure proposed direct rates and indirect rates are reasonable and realistic. Therefore, as determined necessary by the Contracting Officer, the currently agreed to prices for each CLIN are subject to reopening, pending resolution of an external audit being performed by the cognizant audit agency hired by the Environmental Management's Consolidated Business Center (EMCBC) of the contractor's proposal in response to letter solicitation DE-SOL-0008477, originally dated September 1, 2015, and any later proposal revisions.

The parties agree that the prices are subject to adjustment based on the results of the subsequent audit, and that the resolution of audit findings is limited to direct rates and indirect rates. The Contracting Officer and contractor shall negotiate a bilateral modification within 60 days after receipt of the audit findings, to come to agreement on revisions to the CLIN amounts determined to need adjustment due to the audit of direct rates and indirect rates. Should agreement not be achieved on the adjustment(s) contemplated by this clause, the Contracting Officer reserves the right to make a final determination based on the audit and issue a unilateral modification. Failure of the parties to agree with the Contracting Officer's final decision shall be subject to the Disputes Clause of this contract. However, no changes, modification, or decisions resulting from this clause shall relieve the contractor from performing in accordance with the terms of the contract and its' resulting task orders.

### **H.34 Fuel Cost Adjustment (FCA)**

FCA is intended to limit the risk to both Parties from potentially unstable prices for off- highway diesel fuel, both increases and decreases that might occur during the contract. Fuel costs are subject to change based on increases or decreases to the price of on- highway diesel fuel in the U.S. Energy Information Administration Retail Gasoline and Diesel Fuel Update for the Rocky Mountain Area (Index) located at the following website:  
<http://www.eia.gov/petroleum/gasdiesel/>.

The Index includes a price for on-highway diesel fuel only. No FCAs will be issued for unleaded gasoline or on-highway diesel fuel. The Index is used to establish a Base Fuel Index (BFI) for the calculation of FCAs for off-highway diesel fuel only. The BFI is based on the average price of fuel posted on the Index from January 1, 2014 to July of 2015 of \$3.465 per gallon.

A Current Fuel Index (CFI) in cents per gallon will be established for each month being adjusted. The CFI will be the average of all data points available for the month (typically four) shown on the Index averaged from the first and last day of the monthly period being adjusted.

Contractor will compute the ratio of the CFI to the BFI (CFI/BFI) each month. If that ratio falls between .95 and 1.05, no fuel adjustment will be made that month. If the ratio is less than .95, a credit is due the DOE. If the ratio is greater than 1.05, additional payment to the Contractor will be computed.

The BFI will be increased each year for escalation consistent with the Contractor's proposal (2.5%).

Credit or additional payment will be computed as follows:

- (1) The Contractor shall submit the gallons of fuel used in the month being adjusted and attach supporting data in the form of delivery tickets or invoices for fuel.
- (2) The DOE will review the Contractor reported gallons of fuel used in the month being adjusted and either agree to the number of gallons of fuel reported or enter into discussions with Contractor to obtain final agreement.
- (3) The DOE will determine the FCA from the following formulas:

If the CFI is greater than the BFI, the following formula shall be used to determine the amount of FCA to be paid to the Contractor.

$$FCA = [(CFI/BFI) - 1.05] \times \text{Quantity (Number of Gallons)} \times BFI$$

If the CFI is less than the BFI, the following formula shall be used to determine the amount of FCA to be credited to the DOE.

$$FCA = [(CFI/BFI) - 0.95] \times \text{Quantity (Number of Gallons)} \times BFI$$

Basis of Payment: A FCA payment to the Contractor will be made as a lump sum each payment period based on the last published CFI. A FCA credit to the DOE will be deducted as a lump sum each payment period from any monies due the Contractor. Upon completion of the work under the Contract, any difference between the estimated quantities previously paid and the final quantities will be determined. The CFI in effect on the day of completion of the Contract will be applied to the quantity differences in accordance with the procedures set forth above.

**SECTION I - CONTRACT CLAUSES**

Listed below are clauses from Section I of the ID/IQ Basic Contract that are applicable to this task order. These clauses have been updated to reflect the current language in the Federal Acquisition Regulation (FAR) and the Department of Energy Acquisition Regulation (DEAR).

<b>I. 01</b>	<b>52.202-1</b>	<b>DEFINITIONS (NOV 2013)</b>
<b>I. 02</b>	<b>52.203-3</b>	<b>GRATUITIES (APR 1984)</b>
<b>I. 03</b>	<b>52.203-5</b>	<b>COVENANT AGAINST CONTINGENT FEES (MAY 2014)</b>
<b>I. 04</b>	<b>52.203-6</b>	<b>RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT (SEPT 2006)</b>
<b>I. 05</b>	<b>52.203-7</b>	<b>ANTI-KICKBACK PROCEDURES (MAY 2014)</b>
<b>I. 06</b>	<b>52.203-8</b>	<b>CANCELLATION, RESCISSION, AND RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTIVITY (MAY 2014)</b>
<b>I. 07</b>	<b>52.203-10</b>	<b>PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY (MAY 2014)</b>
<b>I. 08</b>	<b>52.203-12</b>	<b>LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS (OCT 2010)</b>
<b>I. 09</b>	<b>52.203-13</b>	<b>CONTRACTOR CODE OF BUSINESS ETHICS AND CONDUCT (APR 2010)</b>
<b>I. 10</b>	<b>52.204-4</b>	<b>PRINTED OR COPIED DOUBLE-SIDED ON POSTCONSUMER FIBER CONTENT PAPER (MAY 2011)</b>
<b>I. 11</b>	<b>52.204-9</b>	<b>PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL (JAN 2011)</b>
<b>I. 12</b>	<b>52.204-10</b>	<b>REPORTING EXECUTIVE COMPENSATION AND FIRST-TIER SUBCONTRACT AWARDS (JUL 2013)</b>
<b>I. 13</b>	<b>52.204-13</b>	<b>SYSTEM FOR AWARD MANAGEMENT MAINTENANCE (JUL 2013)</b>
<b>I. 14</b>	<b>52.204-19</b>	<b>INCORPORATION BY REFERENCE OF REPRESENTATIONS AND CERTIFICATIONS (DEC 2014)</b>
<b>I. 15</b>	<b>52.209-6</b>	<b>PROTECTING THE GOVERNMENT’S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT (AUG 2013)</b>
<b>I. 16</b>	<b>52.209-9</b>	<p><b>UPDATES OF PUBLICLY AVAILABLE INFORMATION REGARDING RESPONSIBILITY MATTERS (JUL 2013)</b></p> <p>(a) The Contractor shall update the information in the Federal Awardee Performance and Integrity Information System (FAPIIS) on a semi-annual basis, throughout the life of the contract, by posting the required information in the System for Award Management database via <a href="https://www.acquisition.gov">https://www.acquisition.gov</a>.</p> <p>(b) As required by section 3010 of the Supplemental Appropriations Act, 2010 (Pub. L. 111-212), all information posted in FAPIIS on or after April 15, 2011, except past performance reviews, will be publicly available. FAPIIS consists of two segments—</p> <p>(1) The non-public segment, into which Government officials and the Contractor post information, which can only be viewed by—</p> <ul style="list-style-type: none"> <li>(i) Government personnel and authorized users performing business on behalf of the Government; or</li> <li>(ii) The Contractor, when viewing data on itself; and</li> </ul> <p>(2) The publicly-available segment, to which all data in the non-public segment of FAPIIS is automatically transferred after a waiting period of 14 calendar days, except for—</p> <ul style="list-style-type: none"> <li>(i) Past performance reviews required by subpart 42.15;</li> <li>(ii) Information that was entered prior to April 15, 2011; or</li> <li>(iii) Information that is withdrawn during the 14-calendar- day waiting period by the Government official who posted it in accordance with paragraph (c) (1) of this clause.</li> </ul>

		<p>(c) The Contractor will receive notification when the Government posts new information to the Contractor's record.</p> <p>(1) If the Contractor asserts in writing within 7 calendar days, to the Government official who posted the information, that some of the information posted to the non-public segment of FAPIIS is covered by a disclosure exemption under the Freedom of Information Act, the Government official who posted the information must within 7 calendar days remove the posting from FAPIIS and resolve the issue in accordance with agency Freedom of Information procedures, prior to reposting the releasable information. The contractor must cite 52.209-9 and request removal within 7 calendar days of the posting to FAPIIS.</p> <p>(2) The Contractor will also have an opportunity to post comments regarding information that has been posted by the Government. The comments will be retained as long as the associated information is retained, i.e., for a total period of 6 years. Contractor comments will remain a part of the record unless the Contractor revises them.</p> <p>(3) As required by section 3010 of Pub. L. 111-212, all information posted in FAPIIS on or after April 15, 2011, except past performance reviews, will be publicly available.</p> <p>(d) Public requests for system information posted prior to April 15, 2011, will be handled under Freedom of Information Act procedures, including, where appropriate, procedures promulgated under E.O. 12600.</p>
<b>I. 17</b>	<b>52.215-2</b>	<b>AUDIT AND RECORDS—NEGOTIATION (OCT 2010)</b>
<b>I. 18</b>	<b>52.215-8</b>	<b>ORDER OF PRECEDENCE—UNIFORM CONTRACT FORMAT (OCT 1997)</b>
<b>I. 19</b>	<b>52.215-10</b>	<b>PRICE REDUCTION FOR DEFECTIVE CERTIFIED COST OR PRICING DATA (AUG 2011)</b>
<b>I. 20</b>	<b>52.215-12</b>	<b>SUBCONTRACTOR CERTIFIED COST OR PRICING DATA (OCT 2010)</b>
<b>I. 21</b>	<b>52.215-13</b>	<b>SUBCONTRACTOR CERTIFIED COST OR PRICING DATA – MODIFICATIONS (OCT 2010)</b>
<b>I. 22</b>	<b>52.215-17</b>	<b>WAIVER OF FACILITIES CAPITAL COST OF MONEY (OCT 1997)</b>
<b>I. 23</b>	<b>52.215-18</b>	<b>REVERSION OR ADJUSTMENT OF PLANS FOR POSTRETIREMENT BENEFITS (PRB) OTHER THAN PENSIONS (JUL 2005)</b>
<b>I. 24</b>	<b>52.215-19</b>	<b>NOTIFICATION OF OWNERSHIP CHANGES (OCT 1997)</b>
<b>I. 25</b>	<b>52.215-21</b>	<b>REQUIREMENTS FOR CERTIFIED COST OR PRICING DATA AND DATA OTHER THAN CERTIFIED COST OR PRICING DATA – MODIFICATIONS – (OCT 2010)</b>
<b>I. 26</b>	<b>52.217-9</b>	<p><b>OPTION TO EXTEND THE TERM OF THE CONTRACT (MAR 2000)</b></p> <p>(a) The Government may extend the term of this Contract by written notice to the Contractor within 30 days; provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least 60 days before the Contract expires. The preliminary notice does not commit the Government to an extension.</p> <p>(b) If the Government exercises this option, the extended Contract shall be considered to include this option clause. (c) The total duration of this Contract, including the exercise of any options under this clause, shall not exceed five (5) years.</p>
<b>I. 27</b>	<b>52.219-6</b>	<b>NOTICE OF TOTAL SMALL BUSINESS SET-ASIDE (NOV 2011)</b>
<b>I. 28</b>	<b>52.219-8</b>	<b>UTILIZATION OF SMALL BUSINESS CONCERNS (OCT 2014)</b>
<b>I. 29</b>	<b>52.219-14</b>	<b>LIMITATIONS ON SUBCONTRACTING (NOV 2011)</b>
<b>I. 30</b>	<b>52.219-28</b>	<b>POST-AWARD SMALL BUSINESS PROGRAM REREPRESENTATION (JUL 2013)</b>
<b>I. 31</b>	<b>52.222-3</b>	<b>CONVICT LABOR (JUNE 2003)</b>
<b>I. 32</b>	<b>52.222-6</b>	<b>CONSTRUCTION WAGE RATE REQUIREMENTS (MAY 2014)</b>
<b>I. 33</b>	<b>52.222-7</b>	<b>WITHHOLDING OF FUNDS (MAY 2014)</b>
<b>I. 34</b>	<b>52.222-8</b>	<b>PAYROLLS AND BASIC RECORDS (MAY 2014)</b>
<b>I. 35</b>	<b>52.222-9</b>	<b>APPRENTICES AND TRAINEES (JUL 2005)</b>
<b>I. 36</b>	<b>52.222-10</b>	<b>COMPLIANCE WITH COPELAND ACT REQUIREMENTS (FEB 1988)</b>

I. 37	52.222-11	<b>SUBCONTRACTS (LABOR STANDARDS) (MAY 2014)</b>																													
I. 38	52.222-12	<b>CONTRACT TERMINATION—DEBARMENT(MAY 2014)</b>																													
I. 39	52.222-13	<b>COMPLIANCE WITH CONSTRUCTION WAGE RATE REQUIREMENTS AND RELATED REGULATIONS (MAY 2014)</b>																													
I. 40	52.222-14	<b>DISPUTES CONCERNING LABOR STANDARDS (FEB 1988)</b>																													
I. 41	52.222-15	<b>CERTIFICATION OF ELIGIBILITY (MAY 2014)</b>																													
I. 42	52.222-21	<b>PROHIBITION OF SEGREGATED FACILITIES (APR 2015)</b>																													
I. 43	52.222-26	<b>EQUAL OPPORTUNITY (APR 2015)</b>																													
I. 44	52.222-35	<b>EQUAL OPPORTUNITY FOR VETERANS (JUL 2014)</b>																													
I. 45	52.222-36	<b>EQUAL OPPORTUNITY FOR WORKERS WITH DISABILITIES (JUL 2014)</b>																													
I. 46	52.222-37	<b>EMPLOYMENT REPORTS ON VETERANS (JUL 2014)</b>																													
I. 47	52.222-41	<b>SERVICE CONTRACT LABOR STANDARDS (MAY 2014)</b>																													
I. 48	52.222-42	<b>STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES (MAY 2014)</b>																													
<p>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.</p> <p><i>This Statement is for Information Only: It is not a Wage Determination</i></p> <p><b>Employee Class Monetary Wage—Fringe Benefits</b></p> <table border="1"> <thead> <tr> <th>Description</th> <th>Category</th> <th>Rate</th> </tr> </thead> <tbody> <tr> <td>Laborers (General/Maintenance)</td> <td>WG 2</td> <td>\$12.58</td> </tr> <tr> <td>Security Officer</td> <td>GS 5</td> <td>\$15.36</td> </tr> <tr> <td>Truck Driver</td> <td>WG 7</td> <td>\$19.85</td> </tr> <tr> <td>Heavy Equipment Operators</td> <td>WG 8</td> <td>\$21.31</td> </tr> <tr> <td>Mechanic</td> <td>WG 10</td> <td>\$24.20</td> </tr> <tr> <td>Health and Safety Personnel</td> <td>GS 5</td> <td>\$15.36</td> </tr> <tr> <td>Field Technician (Hand held sampling)</td> <td>GS 5</td> <td>\$15.36</td> </tr> <tr> <td>Radiological Control Personnel</td> <td>GS 5</td> <td>\$15.36</td> </tr> </tbody> </table>					Description	Category	Rate	Laborers (General/Maintenance)	WG 2	\$12.58	Security Officer	GS 5	\$15.36	Truck Driver	WG 7	\$19.85	Heavy Equipment Operators	WG 8	\$21.31	Mechanic	WG 10	\$24.20	Health and Safety Personnel	GS 5	\$15.36	Field Technician (Hand held sampling)	GS 5	\$15.36	Radiological Control Personnel	GS 5	\$15.36
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I. 55	52.223-7	<p><b>NOTICE OF RADIOACTIVE MATERIALS (JAN 1997)</b></p> <p>(a) The Contractor shall notify the Contracting Officer or designee, in writing, ____* days prior to the delivery of, or prior to completion of any servicing required by this contract of, items containing either (1) radioactive material requiring specific licensing under the regulations issued pursuant to the Atomic Energy Act of 1954, as amended, as set forth in Title 10 of the <i>Code of Federal Regulations</i>, in effect on the date of this contract, or (2) other radioactive material not requiring specific licensing in which the specific activity is greater than 0.002 microcuries per gram or the activity per item equals or exceeds 0.01 microcuries. Such notice shall specify the part or parts of the items which contain radioactive materials, a description of the materials, the name and activity of the isotope, the manufacturer of the materials, and any other information known to</p>																													

		the Contractor which will put users of the items on notice as to the hazards involved (OMB No. 9000-0107).
		* The Contracting Officer shall insert the number of days required in advance of delivery of the item or completion of the servicing to assure that required licenses are obtained and appropriate personnel are notified to institute any necessary safety and health precautions. See FAR 23.601(d).
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I. 72	52.233-4	<b>APPLICABLE LAW FOR BREACH OF CONTRACT CLAIM (OCT 2004)</b>
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I. 77	52.242-13	<b>BANKRUPTCY (JULY 1995)</b>
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I. 81	52.245-9	<b>USE AND CHARGES (APR 2012)</b>
I. 82	52.246-25	<b>LIMITATION OF LIABILITY—SERVICES (FEB 1997)</b>
I. 83	52.251-1	<b>GOVERNMENT SUPPLY SOURCES (APR 2012)</b>
I. 84	52.252-2	<b>CLAUSES INCORPORATED BY REFERENCE (FEB 1998)</b>  This Contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es): <a href="https://www.acquisition.gov/far/">https://www.acquisition.gov/far/</a>
I. 85	52.253-1	<b>COMPUTER GENERATED FORMS (JAN 1991)</b>
I. 86	DEAR 952.202-1	<b>DEFINITIONS (FEB 2011)</b> (a) As prescribed in 902.201, insert the clause at 48 CFR 52.202-1, Definitions, in all contracts. The following shall be added to the clause as paragraph (c):  (c) When a solicitation provision or contract clause uses a word or term that is defined in the Department of Energy Acquisition Regulation (DEAR) (48 CFR chapter 9), the word or term has the same meaning as the

	<p>definition in 48 CFR 902.101 or the definition in the part, subpart, or section of 48 CFR chapter 9 where the provision or clause is prescribed in effect at the time the solicitation was issued, unless an exception in (a) applies.</p>
<b>I. 87</b>	<p><b>DEAR 952.203-70 WHISTLEBLOWER PROTECTION FOR CONTRACTOR EMPLOYEES (DEC 2000)</b></p> <p>(a) The Contractor shall comply with the requirements of "DOE Contractor Employee Protection Program" at 10 CFR Part 708 for work performed on behalf of DOE directly related to activities at DOE-owned or leased sites.</p> <p>(b) The Contractor shall insert or have inserted the substance of this clause, including this paragraph (b), in subcontracts at all tiers, for subcontracts involving work performed on behalf of DOE directly related to activities at DOE-owned or leased sites.</p>
<b>I. 88</b>	<p><b>DEAR 952.204-75 PUBLIC AFFAIRS (DEC 2000)</b></p> <p>(a) The Contractor must cooperate with the Department in releasing unclassified information to the public and news media regarding DOE policies, programs, and activities relating to its effort under the contract. The responsibilities under this clause must be accomplished through coordination with the Contracting Officer and appropriate DOE public affairs personnel in accordance with procedures defined by the Contracting Officer.</p> <p>(b) The Contractor is responsible for the development, planning, and coordination of proactive approaches for the timely dissemination of unclassified information regarding DOE activities onsite and offsite, including, but not limited to, operations and programs. Proactive public affairs programs may utilize a variety of communication media, including public workshops, meetings or hearings, open houses, newsletters, press releases, conferences, audio/visual presentations, speeches, forums, tours, and other appropriate stakeholder interactions.</p> <p>(c) The Contractor's internal procedures must ensure that all releases of information to the public and news media are coordinated through, and approved by, a management official at an appropriate level within the Contractor's organization.</p> <p>(d) The Contractor must comply with DOE procedures for obtaining advance clearances on oral, written, and audio/visual informational material prepared for public dissemination or use.</p> <p>(e) Unless prohibited by law, and in accordance with procedures defined by the Contracting Officer, the Contractor must notify the Contracting Officer and appropriate DOE public affairs personnel of communications or contacts with Members of Congress relating to the effort performed under the contract.</p> <p>(f) In accordance with procedures defined by the Contracting Officer, the Contractor must notify the Contracting Officer and appropriate DOE public affairs personnel of activities or situations that may attract regional or national news media attention and of non-routine inquiries from national news media relating to the effort performed under the contract.</p> <p>(g) In releases of information to the public and news media, the Contractor must fully and accurately identify the Contractor's relationship to the Department and fully and accurately credit the Department for its role in funding programs and projects resulting in scientific, technical, and other achievements.</p>
<b>I. 89</b>	<p><b>DEAR 952.208-70 PRINTING (APR 1984)</b></p> <p>The Contractor shall not engage in, nor subcontract for, any printing (as that term is defined in Title I of the U.S. Government Printing and Binding Regulations in effect on the effective date of this Contract) in connection with the performance of work under this Contract. Provided, however, that performance of a requirement under this Contract involving the duplication of less than 5,000 copies of a single unit, or no more than 25,000 units in the aggregate of multiple units, will not be deemed to be printing. A unit is defined as one sheet, size 8½ by 11 inches one side only, one color. A requirement is defined as a single publication document.</p> <p>(1) The term "printing" includes the following processes: composition, plate making, presswork, binding, microform publishing, or the end items produced by such processes.</p>

(2) If fulfillment of the Contract will necessitate reproduction in excess of the limits set forth above, the Contractor shall notify the Contracting Officer in writing and obtain the Contracting Officer's approval prior to acquiring on DOE's behalf production, acquisition, and dissemination of printed matter. Such printing must be obtained from the Government Printing Office (GPO), a Contract source designated by GPO or a Joint Committee on Printing authorized federal printing plant.

(3) Printing services not obtained in compliance with this guidance will result in the cost of such printing being disallowed.

(4) The Contractor will include in each of his subcontracts hereunder a provision substantially the same as this clause including this paragraph (4).

**I. 90 DEAR 952.209-72 ORGANIZATIONAL CONFLICTS OF INTEREST (AUG 2009) – ALT I (FEB 2011)**

(a) Purpose. The purpose of this clause is to ensure that the Contractor (1) is not biased because of its financial, contractual, organizational, or other interests which relate to the work under this contract, and (2) does not obtain any unfair competitive advantage over other parties by virtue of its performance of this contract.

(b) Scope. The restrictions described herein shall apply to performance or participation by the Contractor and any of its affiliates or their successors in interest (hereinafter collectively referred to as "Contractor") in the activities covered by this clause as a prime Contractor, subcontractor, cosponsor, joint venturer, consultant, or in any similar capacity. For the purpose of this clause, affiliation occurs when a business concern is controlled by or has the power to control another or when a third party has the power to control both.

- (1) Use of Contractor's Work Product.
  - (i) The Contractor shall be ineligible to participate in any capacity in Department contracts, subcontracts, or proposals therefore (solicited and unsolicited) which stem directly from the Contractor's performance of work under this contract for a period of six (6) months after the completion of this contract. Furthermore, unless so directed in writing by the Contracting Officer, the Contractor shall not perform any advisory and assistance services work under this contract on any of its products or services or the products or services of another firm if the Contractor is or has been substantially involved in their development or marketing. Nothing in this subparagraph shall preclude the Contractor from competing for follow-on contracts for advisory and assistance services.
  - (ii) If, under this contract, the Contractor prepares a complete or essentially complete statement of work or specifications to be used in competitive acquisitions, the Contractor shall be ineligible to perform or participate in any capacity in any contractual effort which is based on such statement of work or specifications. The Contractor shall not incorporate its products or services in such statement of work or specifications unless so directed in writing by the Contracting Officer, in which case the restriction in this subparagraph shall not apply.
  - (iii) Nothing in this paragraph shall preclude the Contractor from offering or selling its standard and commercial items to the Government.

- (2) Access to and use of information.
  - (i) If the Contractor, in the performance of this contract, obtains access to information, such as Department plans, policies, reports, studies, financial plans, internal data protected by the Privacy Act of 1974 (5 U.S.C. 552a), or data which has not been released or otherwise made available to the public, the Contractor agrees that without prior written approval of the Contracting Officer it shall not—
    - (A) use such information for any private purpose unless the information has been released or otherwise made available to the public;
    - (B) compete for work for the Department based on such information for a period of six (6) months after either the completion of this contract or until such information is released or otherwise made available to the public, whichever is first;
    - (C) submit an unsolicited proposal to the Government which is based on such information until one year after such information is released or otherwise made available to the public; and

(D) release such information unless such information has previously been released or otherwise

made available to the public by the Department.

(ii) In addition, the Contractor agrees that to the extent it receives or is given access to proprietary data, data protected by the Privacy Act of 1974 (5 U.S.C. 552a), or other confidential or privileged technical, business, or financial information under this contract, it shall treat such information in accordance with any restrictions imposed on such information. (iii) The Contractor may use technical data it first produces under this contract for its private purposes consistent with paragraphs (b)(2)(i) (A) and (D) of this clause and the patent, rights in data, and security provisions of this contract.

(c) Disclosure after award.

(1) The Contractor agrees that, if changes, including additions, to the facts disclosed by it prior to award of this contract, occur during the performance of this contract, it shall make an immediate and full disclosure of such changes in writing to the Contracting Officer. Such disclosure may include a description of any action which the Contractor has taken or proposes to take to avoid, neutralize, or mitigate any resulting conflict of interest. The Department may, however, terminate the contract for convenience if it deems such termination to be in the best interest of the Government.

(2) In the event that the Contractor was aware of facts required to be disclosed or the existence of an actual or potential organizational conflict of interest and did not disclose such facts or such conflict of interest to the Contracting Officer, DOE may terminate this contract for default.

(d) Remedies. For breach of any of the above restrictions or for nondisclosure or misrepresentation of any facts required to be disclosed concerning this contract, including the existence of an actual or potential organizational conflict of interest at the time of or after award, the Government may terminate the contract for default, disqualify the Contractor from subsequent related contractual efforts, and pursue such other remedies as may be permitted by law or this contract.

(e) Waiver. Requests for waiver under this clause shall be directed in writing to the Contracting Officer and shall include a full description of the requested waiver and the reasons in support thereof. If it is determined to be in the best interests of the Government, the Contracting Officer may grant such a waiver in writing.

Alternate I In accordance with 909.507-2 and 970.0905, include the following alternate in the specified types of contracts.

(f) Subcontracts.

(1) The Contractor shall include a clause, substantially similar to this clause, including this paragraph (f), in subcontracts expected to exceed the simplified acquisition threshold determined in accordance with 48 CFR part 13 and involving the performance of advisory and assistance services as that term is defined at 48 CFR 2.101. The terms "contract," "Contractor," and "Contracting Officer" shall be appropriately modified to preserve the Government's rights.

(2) Prior to the award under this contract of any such subcontracts for advisory and assistance services, the Contractor shall obtain from the proposed subcontractor or consultant the disclosure required by 48 CFR 909.507-1, and shall determine in writing whether the interests disclosed present an actual or significant potential for an organizational conflict of interest. Where an actual or significant potential organizational conflict of interest is identified, the Contractor shall take actions to avoid, neutralize, or mitigate the organizational conflict to the satisfaction of the Contractor. If the conflict cannot be avoided or neutralized, the Contractor must obtain the approval of the DOE Contracting Officer prior to entering into the subcontract.

<b>I. 91</b>	<p><b>DEAR 952.215-70 KEY PERSONNEL (DEC 2000)</b></p> <p>(a) The personnel listed below or elsewhere in this contract [<b>SECTION H.20</b>] are considered essential to the work being performed under this contract. Before removing, replacing, or diverting any of the listed or specified personnel, the Contractor must:</p> <ol style="list-style-type: none"> <li>(1) Notify the Contracting Officer reasonably in advance;</li> <li>(2) submit justification (including proposed substitutions) in sufficient detail to permit evaluation of the impact on this contract; and</li> <li>(3) obtain the Contracting Officer's written approval. Notwithstanding the foregoing, if the Contractor deems immediate removal or suspension of any member of its management team is necessary to fulfill its obligation to maintain satisfactory standards of employee competency, conduct, and integrity under the clause at 48 CFR 970.5203-3, Contractor's Organization, the Contractor may remove or suspend such person at once, although the Contractor must notify Contracting Officer prior to or concurrently with such action.</li> </ol> <p>(b) The list of personnel may, with the consent of the contracting parties, be amended from time to time during the course of the contract to add or delete personnel.</p> <p>[Insert List of Key Personnel unless listed elsewhere in the contract – PLEASE SEE SECTION H.20]</p>
<b>I. 92</b>	<p><b>DEAR 952.223-72 RADIATION PROTECTION AND NUCLEAR CRITICALITY (APR 1984)</b></p> <p>The Contractor shall take all reasonable precautions in the performance of work under this contract to protect the safety and health of employees and of members of the public against the hazards of ionizing radiation and radioactive materials and shall comply with all applicable radiation protection and nuclear criticality safety standards and requirements (including reporting requirements) of DOE. The Contractor shall submit a management program and implementation plan to the Contracting Officer for review and approval within 30 days after the effective date of this contract or modification. In the event that the Contractor fails to comply with said standards and requirements of DOE, the Contracting Officer may, without prejudice to any other legal or contractual rights of DOE, issue an order stopping all or any part of the work. Thereafter, a start order for resumption of the work may be issued at the discretion of the Contracting Officer. The contractor shall make no claim for an extension of time or for compensation or damages by reason of or in connection with such work stoppage.</p>
<b>I. 93</b>	<p><b>DEAR 952.223-75 PRESERVATION OF INDIVIDUAL OCCUPATIONAL RADIATION EXPOSURE RECORDS (APR 1984)</b></p> <p>Individual occupational radiation exposure records generated in the performance of work under this contract shall be subject to inspection by DOE and shall be preserved by the Contractor until disposal is authorized by DOE or at the option of the Contractor delivered to DOE upon completion or termination of the contract. If the Contractor exercises the foregoing option, title to such records shall vest in DOE upon delivery.</p>
<b>I. 94</b>	<p><b>DEAR 952.226-74, DISPLACED EMPLOYEE HIRING PREFERENCE (JUNE 1997)</b></p> <p>(a) Definition. Eligible employee means a current or former employee of a contractor or subcontractor employed at a Department of Energy Defense Nuclear Facility (1) whose position of employment has been, or will be, involuntarily terminated (except if terminated for cause), (2) who has also met the eligibility criteria contained in the Department of Energy guidance for contractor work force restructuring, as may be amended or supplemented from time to time, and (3) who is qualified for a particular job vacancy with the Department or one of its contractors with respect to work under its contract with the Department at the time the particular position is available.</p> <p>(b) Consistent with Department of Energy guidance for contractor work force restructuring, as may be amended or supplemented from time to time, the Contractor agrees that it will provide a preference in hiring to an eligible employee to the extent practicable for work performed under this contract.</p> <p>(c) The requirements of this clause shall be included in subcontracts at any tier (except for subcontracts for commercial items pursuant to 41 U.S.C. 403) expected to exceed \$500,000.</p>

<b>I. 95</b>	<p><b>DEAR 952.242-70 TECHNICAL DIRECTION (DEC 2000)</b></p> <p>(a) Performance of the work under this contract shall be subject to the technical direction of the DOE Contracting Officer's Representative (COR). The term "technical direction" is defined to include, without limitation:</p> <ul style="list-style-type: none"><li>(1) Providing direction to the Contractor that redirects contract effort, shift work emphasis between work areas or tasks, require pursuit of certain lines of inquiry, fill in details, or otherwise serve to accomplish the contractual Statement of Work.</li><li>(2) Providing written information to the Contractor that assists in interpreting drawings, specifications, or technical portions of the work description.</li><li>(3) Reviewing and, where required by the contract, approving, technical reports, drawings, specifications, and technical information to be delivered by the Contractor to the Government.</li></ul> <p>(b) The Contractor will receive a copy of the written COR designation from the Contracting Officer. It will specify the extent of the COR's authority to act on behalf of the Contracting Officer.</p> <p>(c) Technical direction must be within the scope of work stated in the contract. The COR does not have the authority to, and may not, issue any technical direction that—</p> <ul style="list-style-type: none"><li>(1) Constitutes an assignment of additional work outside the Statement of Work;</li><li>(2) Constitutes a change as defined in the contract clause entitled "Changes;"</li><li>(3) In any manner causes an increase or decrease in the total estimated contract cost, the fee (if any), or the time required for contract performance;</li><li>(4) Changes any of the expressed terms, conditions or specifications of the contract; or</li><li>(5) Interferes with the Contractor's right to perform the terms and conditions of the contract.</li></ul> <p>(d) All technical direction shall be issued in writing by the COR.</p> <p>(e) The Contractor must proceed promptly with the performance of technical direction duly issued by the COR in the manner prescribed by this clause and within its authority under the provisions of this clause. If, in the opinion of the Contractor, any instruction or direction by the COR falls within one of the categories defined in (c)(1) through (c)(5) of this clause, the Contractor must not proceed and must notify the Contracting Officer in writing within five (5) working days after receipt of any such instruction or direction and must request the Contracting Officer to modify the contract accordingly. Upon receiving the notification from the Contractor, the Contracting Officer must—</p> <ul style="list-style-type: none"><li>(1) Advise the Contractor in writing within thirty (30) days after receipt of the Contractor's letter that the technical direction is within the scope of the contract effort and does not constitute a change under the Changes clause of the contract;</li><li>(2) Advise the Contractor in writing within a reasonable time that the Government will issue a written change order; or</li><li>(3) Advise the Contractor in writing within a reasonable time not to proceed with the instruction or direction of the COR.</li></ul> <p>(f) A failure of the Contractor and Contracting Officer either to agree that the technical direction is within the scope of the contract or to agree upon the contract action to be taken with respect to the technical direction will be subject to the provisions of the clause entitled "Disputes."</p>
<b>I. 96</b>	<p><b>DEAR 952.250-70 NUCLEAR HAZARDS INDEMNITY AGREEMENT (JUN 1996)</b></p> <p>(a) Authority. This clause is incorporated into this contract pursuant to the authority contained in subsection 170d. of the Atomic Energy Act of 1954, as amended (hereinafter called the Act.)</p> <p>(b) Definitions. The definitions set out in the Act shall apply to this clause.</p>

(c) Financial protection. Except as hereafter permitted or required in writing by DOE, the Contractor will not be required to provide or maintain, and will not provide or maintain at Government expense, any form of financial protection to cover public liability, as described in paragraph (d)(2) below. DOE may, however, at any time require in writing that the Contractor provide and maintain financial protection of such a type and in such amount as DOE shall determine to be appropriate to cover such public liability, provided that the costs of such financial protection are reimbursed to the Contractor by DOE.

(d)(1) Indemnification. To the extent that the Contractor and other persons indemnified are not compensated by any financial protection permitted or required by DOE, DOE will indemnify the Contractor and other persons indemnified against (i) claims for public liability as described in subparagraph (d)(2) of this clause; and (ii) such legal costs of the Contractor and other persons indemnified as are approved by DOE, provided that DOE's liability, including such legal costs, shall not exceed the amount set forth in section 170e.(1)(B) of the Act in the aggregate for each nuclear incident or precautionary evacuation occurring within the United States or \$100 million in the aggregate for each nuclear incident occurring outside the United States, irrespective of the number of persons indemnified in connection with this contract.

(2) The public liability referred to in subparagraph (d)(1) of this clause is public liability as defined in the Act which (i) arises out of or in connection with the activities under this contract, including transportation; and (ii) arises out of or results from a nuclear incident or precautionary evacuation, as those terms are defined in the Act.

(e)(1) Waiver of Defenses. In the event of a nuclear incident, as defined in the Act, arising out of nuclear waste activities, as defined in the Act, the Contractor, on behalf of itself and other persons indemnified, agrees to waive any issue or defense as to charitable or governmental immunity.

(2) In the event of an extraordinary nuclear occurrence which—

(i) Arises out of, results from, or occurs in the course of the construction, possession, or operation of a production or utilization facility; or

(ii) Arises out of, results from, or occurs in the course of transportation of source material, by-product material, or special nuclear material to or from a production or utilization facility; or

(iii) Arises out of or results from the possession, operation, or use by the Contractor or a subcontractor of a device utilizing special nuclear material or by-product material, during the course of the contract activity; or

(iv) Arises out of, results from, or occurs in the course of nuclear waste activities, the Contractor, on behalf of itself and other persons indemnified, agrees to waive:

(A) Any issue or defense as to the conduct of the claimant (including the conduct of persons through whom the claimant derives its cause of action) or fault of persons indemnified, including, but not limited to—

1. Negligence;

2. Contributory negligence;

3. Assumption of risk; or

4. Unforeseeable intervening causes, whether involving the conduct of a third person or an act of God;

(B) Any issue or defense as to charitable or governmental immunity; and

(C) Any issue or defense based on any statute of limitations, if suit is instituted within 3 years from the date on which the claimant first knew, or reasonably could have known, of his injury or change and the cause thereof. The waiver of any such issue or defense shall be effective regardless of whether such issue or defense may otherwise be deemed jurisdictional or relating to an element in the cause of action. The waiver shall be judicially enforceable in accordance with its terms by the claimant against the person indemnified.

(v) The term extraordinary nuclear occurrence means an event which DOE has determined to be an extraordinary nuclear occurrence as defined in the Act. A determination of whether or not there has been an extraordinary nuclear occurrence will be made in accordance with the procedures in 10 CFR part 840.

(vi) For the purposes of that determination, "offsite" as that term is used in 10 CFR part 840 means away from "the contract location" which phrase means any DOE facility, installation, or site at which contractual activity under this contract is being carried on, and any contractor-owned or controlled facility,

installation, or site at which the Contractor is engaged in the performance of contractual activity under this contract.

(3) The waivers set forth above—

- (i) Shall be effective regardless of whether such issue or defense may otherwise be deemed jurisdictional or relating to an element in the cause of action;
- (ii) Shall be judicially enforceable in accordance with its terms by the claimant against the person indemnified;
- (iii) Shall not preclude a defense based upon a failure to take reasonable steps to mitigate damages;
- (iv) Shall not apply to injury or damage to a claimant or to a claimant's property which is intentionally sustained by the claimant or which results from a nuclear incident intentionally and wrongfully caused by the claimant;
- (v) Shall not apply to injury to a claimant who is employed at the site of and in connection with the activity where the extraordinary nuclear occurrence takes place, if benefits therefor are either payable or required to be provided under any workmen's compensation or occupational disease law;
- (vi) Shall not apply to any claim resulting from a nuclear incident occurring outside the United States;
- (vii) Shall be effective only with respect to those obligations set forth in this clause and in insurance policies, contracts or other proof of financial protection; and
- (viii) Shall not apply to, or prejudice the prosecution or defense of, any claim or portion of claim which is not within the protection afforded under (A) the limit of liability provisions under subsection 170e. of the Act, and (B) the terms of this agreement and the terms of insurance policies, contracts, or other proof of financial protection.
- (f) Notification and litigation of claims. The Contractor shall give immediate written notice to DOE of any known action or claim filed or made against the Contractor or other person indemnified for public liability as defined in paragraph (d)(2). Except as otherwise directed by DOE, the Contractor shall furnish promptly to DOE, copies of all pertinent papers received by the Contractor or filed with respect to such actions or claims. DOE shall have the right to, and may collaborate with, the Contractor and any other person indemnified in the settlement or defense of any action or claim and shall have the right to (1) require the prior approval of DOE for the payment of any claim that DOE may be required to indemnify hereunder; and (2) appear through the Attorney General on behalf of the Contractor or other person indemnified in any action brought upon any claim that DOE may be required to indemnify hereunder, take charge of such action, and settle or defend any such action. If the settlement or defense of any such action or claim is undertaken by DOE, the Contractor or other person indemnified shall furnish all reasonable assistance in effecting a settlement or asserting a defense.
- (g) Continuity of DOE obligations. The obligations of DOE under this clause shall not be affected by any failure on the part of the Contractor to fulfill its obligation under this contract and shall be unaffected by the death, disability, or termination of existence of the Contractor, or by the completion, termination or expiration of this contract.
- (h) Effect of other clauses. The provisions of this clause shall not be limited in any way by, and shall be interpreted without reference to, any other clause of this contract, including the clause entitled Contract Disputes, provided, however, that this clause shall be subject to the clauses entitled Covenant Against Contingent Fees, and Accounts, records, and inspection, and any provisions that are later added to this contract as required by applicable Federal law, including statutes, executive orders and regulations, to be included in Nuclear Hazards Indemnity Agreements.
- (i) Civil penalties. The Contractor and its subcontractors and suppliers who are indemnified under the provisions of this clause are subject to civil penalties, pursuant to 234A of the Act, for violations of applicable DOE nuclear-safety related rules, regulations, or orders.
- (j) Criminal penalties. Any individual director, officer, or employee of the Contractor or of its subcontractors and suppliers who are indemnified under the provisions of this clause are subject to criminal penalties, pursuant to 223(c) of the Act, for knowing and willful violation of the Atomic Energy Act of 1954, as amended, and applicable DOE nuclear safety-related rules, regulations or orders which violation results in, or, if undetected, would have resulted in a nuclear incident.

	<p>(k) Inclusion in subcontracts. The Contractor shall insert this clause in any subcontract which may involve the risk of public liability, as that term is defined in the Act and further described in paragraph (d)(2) above. However, this clause shall not be included in subcontracts in which the subcontractor is subject to Nuclear Regulatory Commission (NRC) financial protection requirements under section 170b. of the Act or NRC agreements of indemnification under section 170c. or k. of the Act for the activities under the subcontract.</p> <p>Effective date                  ( ) See Note II below for instructions related to this section on Effective Date. Relationship to general indemnity                  ( ) See Note III below for instructions related to this section on Relationship to General Indemnity.</p>
<b>I. 97</b>	<p><b>DEAR 952.251-70 CONTRACTOR EMPLOYEE TRAVEL DISCOUNTS (AUG 2009)</b></p> <p>(a) The Contractor shall take advantage of travel discounts offered to Federal Contractor employee travelers by AMTRAK, hotels, motels, or car rental companies, when use of such discounts would result in lower overall trip costs and the discounted services are reasonably available. Vendors providing these services may require the Contractor employee to furnish them a letter of identification signed by the authorized Contracting Officer.</p> <p>(b) Contracted airlines. Contractors are not eligible for GSA contract city pair fares.</p> <p>(c) Discount rail service. AMTRAK voluntarily offers discounts to Federal travelers on official business and sometimes extends those discounts to Federal contractor employees.</p> <p>(d) Hotels/motels. Many lodging providers extend their discount rates for Federal employees to Federal contractor employees.</p> <p>(e) Car rentals. Surface Deployment and Distribution Command (SDDC) of the Department of Defense negotiates rate agreements with car rental companies that are available to Federal travelers on official business. Some car rental companies extend those discounts to Federal contractor employees.</p> <p>(f) Obtaining travel discounts.</p> <p style="padding-left: 40px;">(1) To determine which vendors offer discounts to Government contractors, the Contractor may review commercial publications such as the Official Airline guides Official Traveler, Innovata, or National Telecommunications. The Contractor may also obtain this information from GSA contract Travel Management Centers or the Department of Defense's Commercial Travel Offices.</p> <p style="padding-left: 40px;">(2) The vendor providing the service may require the Government contractor to furnish a letter signed by the Contracting Officer. The following illustrates a standard letter of identification.</p> <p style="text-align: center;"><b>OFFICIAL AGENCY LETTERHEAD TO:</b></p> <p>Participating Vendor                  SUBJECT: OFFICIAL TRAVEL OF GOVERNMENT CONTRACTOR (FULL NAME OF TRAVELER), the bearer of this letter is an employee of (COMPANY NAME) which has a contract with this agency under Government contract (CONTRACT NUMBER). During the period of the contract (GIVE DATES), AND WITH THE APPROVAL OF THE CONTRACT VENDOR, the employee is eligible and authorized to use available travel discount rates in accordance with Government contracts and/or agreements. Government Contract City Pair fares are not available to Contractors.</p> <p>SIGNATURE, Title and telephone number of Contracting Officer</p>
<b>I. 98</b>	<p><b>DEAR 970.5204-2 LAWS, REGULATIONS, AND DOE DIRECTIVES (DEC 2000)</b></p> <p>(a) In performing work under this contract, the Contractor shall comply with the requirements of applicable Federal, State, and local laws and regulations (including DOE regulations), unless relief has been granted in writing by the appropriate regulatory agency. A List of Applicable Laws and regulations (List A) may be appended to this contract for information purposes. Omission of any applicable law or regulation from List A does not affect the obligation of the Contractor to comply with such law or regulation pursuant to this paragraph.</p> <p>(b) In performing work under this contract, the Contractor shall comply with the requirements of those Department of Energy directives, or parts thereof, identified in the List of Applicable Directives (List B) appended to this contract. Except as otherwise provided for in paragraph (d) of this clause, the Contracting Officer may, from time to time and at any time, revise List B by unilateral modification to the contract to add, modify, or delete specific requirements. Prior to revising List B, the Contracting Officer shall notify the Contractor in writing of the</p>

Department's intent to revise List B and provide the Contractor 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 List B and so advise the Contractor not later than 30 days prior to the effective date of the revision of List B. 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 of List B pursuant to the clause of this contract entitled, "Changes."

(c) Environmental, safety, and health (ES&H) requirements appropriate for work conducted under this contract may be determined by a DOE approved process to evaluate the work and the associated hazards and identify an appropriately tailored set of standards, practices, and controls, such as a tailoring process included in a DOE approved Safety Management System implemented under the clause entitled "Integration of Environment, Safety, and Health into Work Planning and Execution." When such a process is used, the set of tailored (ES&H) requirements, as approved by DOE pursuant to the process, shall be incorporated into List B as contract requirements with full force and effect. These requirements shall supersede, in whole or in part, the contractual environmental, safety, and health requirements previously made applicable to the contract by List B. If the tailored set of requirements identifies an alternative requirement varying from an ES&H requirement of an applicable law or regulation, the Contractor shall request an exemption or other appropriate regulatory relief specified in the regulation.

(d) Except as otherwise directed by the Contracting Officer, the Contractor shall procure all necessary permits or licenses required for the performance of work under this contract.

(e) Regardless of the performer of the work, the Contractor is responsible for compliance with the requirements of this clause. The Contractor is responsible for flowing down the requirements of this clause to subcontracts at any tier to the extent necessary to ensure the Contractor's compliance with the requirements.

**ADDITIONAL CLAUSES**

The following additional clauses are applicable to this Task Order and are either incorporated by reference or in full text per the direction of the FAR.

<b>I. 99</b>	<b>52.203-14</b>	<b>DISPLAY OF HOTLINE POSTER(S) (DEC 2007) (b) (3)</b> DOE IG Hotline Poster: <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. 100</b>	<b>52.203-17</b>	<b>CONTRACTOR EMPLOYEE WHISTLEBLOWER RIGHTS AND REQUIREMENT TO INFORM EMPLOYEES OF WHISTLEBLOWER RIGHTS (APR 2014)</b>
<b>I. 101</b>	<b>52.204-18</b>	<b>COMMERCIAL AND GOVERNMENT ENTITY CODE MAINTENANCE (NOV 2014)</b>
<b>I. 102</b>	<b>52.209-10</b>	<b>PROHIBITION ON CONTRACTING WITH INVERTED DOMESTIC CORPORATIONS (DEC 2014)</b>
<b>I. 103</b>	<b>52.210-1</b>	<b>MARKET RESEARCH (APR 2011)</b>
<b>I. 104</b>	<b>52.217-2</b>	<b>CANCELLATION UNDER MULTI-YEAR CONTRACTS (OCT 1997)</b>
<b>I. 105</b>	<b>52.217-8</b>	<b>OPTION TO EXTEND SERVICES (NOV 1999)</b>  The Government may require continued performance of any services within the limits and at the rates specified in the contract. These rates may be adjusted only as a result of revisions to prevailing labor rates provided by the Secretary of Labor. The option provision may be exercised more than once, but the total extension of performance hereunder shall not exceed 6 months. The Contracting Officer may exercise the option by written notice to the Contractor within 30 days of the end of the contract period.
<b>I. 106</b>	<b>52.222-17</b>	<b>NONDISPLACEMENT OF QUALIFIED WORKERS (MAY 2014)</b>
<b>I. 107</b>	<b>52.222-40</b>	<b>NOTIFICATION OF EMPLOYEE RIGHTS UNDER THE NATIONAL LABOR RELATIONS ACT (DEC 2010)</b>
<b>I. 108</b>	<b>52.222-55</b>	<b>MINIMUM WAGES UNDER EXECUTIVE ORDER 13658 (DEC 2014)</b>
<b>I. 109</b>	<b>52.222-43</b>	<b>FAIR LABOR STANDARDS ACT AND SERVICE CONTRACT ACT - PRICE ADJUSTMENT (MULTIPLE YEAR AND OPTION CONTRACTS) (MAY 2014)</b>
<b>I. 110</b>	<b>52.223-15</b>	<b>ENERGY EFFICIENCY IN ENERGY-CONSUMING PRODUCTS (DEC 2007)</b>
<b>I. 111</b>	<b>52.223-18</b>	<b>ENCOURAGING CONTRACTOR POLICIES TO BAN TEXT MESSAGING WHILE DRIVING (AUG 2011)</b>
<b>I. 112</b>	<b>52.223-19</b>	<b>COMPLIANCE WITH ENVIRONMENTAL MANAGEMENT SYSTEMS (MAY 2011)</b>
<b>I. 113</b>	<b>52.227-14</b>	<b>RIGHTS IN DATA—GENERAL (MAY 2014) - ALT I (DEC 2007), ALT II (DEC 2007), ALT III (DEC 2007)</b>  (G) (3) NONE
<b>I. 114</b>	<b>52.227-17</b>	<b>RIGHTS IN DATA —SPECIAL WORKS (DEC 2007)</b>
<b>I. 115</b>	<b>52.228-5</b>	<b>INSURANCE – WORK ON A GOVERNMENT INSTALLATION (JAN 1997)</b>
<b>I. 116</b>	<b>52.229-3</b>	<b>FEDERAL, STATE, AND LOCAL TAXES (FEB 2013)</b>
<b>I. 117</b>	<b>52.232-8</b>	<b>DISCOUNTS FOR PROMPT PAYMENT (FEB 2002)</b>
<b>I. 118</b>	<b>52.232-11</b>	<b>EXTRAS (APR 1984)</b>
<b>I. 119</b>	<b>52.232-17</b>	<b>INTEREST (MAY 2014)</b>
<b>I. 120</b>	<b>52.232-18</b>	<b>AVAILABILITY OF FUNDS (APR 1984)</b>
<b>I. 121</b>	<b>52.232-33</b>	<b>PAYMENT BY ELECTRONIC FUNDS TRANSFER – SYSTEM FOR AWARD MANAGEMENT (JUL 2013)</b>
<b>I. 122</b>	<b>52.243-1</b>	<b>CHANGES – FIXED PRICE (AUG 1987) – ALT I (APR 1984)</b>
<b>I. 123</b>	<b>52.243-6</b>	<b>CHANGE ORDER ACCOUNTING (APR 1984)</b>
<b>I. 124</b>	<b>52.244-2</b>	<b>SUBCONTRACTS (OCT 2010)</b>  (a) <i>Definitions.</i> As used in this clause— “Approved purchasing system” means a Contractor’s purchasing system that has been reviewed and approved in accordance with Part 44 of the Federal Acquisition Regulation (FAR).

“Consent to subcontract” means the Contracting Officer’s written consent for the Contractor to enter into a particular subcontract.

“Subcontract” means any contract, as defined in FAR Subpart 2.1, entered into by a subcontractor to furnish supplies or services for performance of the prime contract or a subcontract. It includes, but is not limited to, purchase order, and changes and modifications to purchase orders.

(b) When this clause is included in a fixed-price type contract, consent to subcontract is required only on unpriced contract actions (including unpriced modifications or unpriced delivery orders), and only if required in accordance with paragraph (c) or (d) of this clause.

(c) If the Contractor does not have an approved purchasing system, consent to subcontract is required for any subcontract that—

(1) Is of the cost-reimbursement, time-and-materials, or labor-hour type; or

(2) Is fixed-price and exceeds—

(i) For a contract awarded by the Department of Defense, the Coast Guard, or the National Aeronautics and Space Administration, the greater of the simplified acquisition threshold or 5 percent of the total estimated cost of the contract; or

(ii) For a contract awarded by a civilian agency other than the Coast Guard and the National Aeronautics and Space Administration, either the simplified acquisition threshold or 5 percent of the total estimated cost of the contract.

(d) If the Contractor has an approved purchasing system, the Contractor nevertheless shall obtain the Contracting Officer’s written consent before placing the following subcontracts:

(e)(1) The Contractor shall notify the Contracting Officer reasonably in advance of placing any subcontract or modification thereof for which consent is required under paragraph (b), (c), or (d) of this clause, including the following information:

(i) A description of the supplies or services to be subcontracted. (ii) Identification of the type of subcontract to be used.

(iii) Identification of the proposed subcontractor. (iv) The proposed subcontract price.

(v) The subcontractor’s current, complete, and accurate certified cost or pricing data and Certificate of Current Cost or Pricing Data, if required by other contract provisions.

(vi) The subcontractor’s Disclosure Statement or Certificate relating to Cost Accounting Standards when such data are required by other provisions of this contract. (vii) A negotiation memorandum reflecting—

(A) The principal elements of the subcontract price negotiations;

(B) The most significant considerations controlling establishment of initial or revised prices; (C) The reason certified cost or pricing data were or were not required;

(D) The extent, if any, to which the Contractor did not rely on the subcontractor’s certified cost or pricing data in determining the price objective and in negotiating the final price;

(E) The extent to which it was recognized in the negotiation that the subcontractor’s certified cost or pricing data were not accurate, complete, or current; the action taken by the Contractor and the subcontractor; and the effect of any such defective data on the total price negotiated; (F) The reasons for any significant difference between the Contractor’s price objective and the price negotiated; and

(G) A complete explanation of the incentive fee or profit plan when incentives are used. The explanation shall identify each critical performance element, management decisions used to quantify each incentive element, reasons for the incentives, and a summary of all trade-off possibilities considered.

(e)(2) If the Contractor has an approved purchasing system and consent is not required under paragraph (c), or (d) of this clause, the Contractor nevertheless shall notify the Contracting Officer reasonably in advance of entering

into any (i) cost-plus fixed- Fee subcontract, or (ii) fixed-price subcontract that exceeds either the simplified acquisition threshold or 5 percent of the total estimated cost of this contract. The notification shall include the information required by paragraphs (e)(1)(i) through (e)(1)(iv) of this clause.

(f) Unless the consent or approval specifically provides otherwise, neither consent by the Contracting Officer to any subcontract nor approval of the Contractor’s purchasing system shall constitute a determination—

- (1) Of the acceptability of any subcontract terms or conditions;
- (2) Of the allowability of any cost under this contract; or
- (3) To relieve the Contractor of any responsibility for performing this contract.

(g) No subcontract or modification thereof placed under this contract shall provide for payment on a cost-plus-a-percentage-of-cost basis, and any fee payable under cost-reimbursement type subcontracts shall not exceed the fee limitations in FAR 15.404-4(c)(4)(i).

(h) The Contractor shall give the Contracting Officer immediate written notice of any action or suit filed and prompt notice of any claim made against the Contractor by any subcontractor or vendor that, in the opinion of the Contractor, may result in litigation related in any way to this contract, with respect to which the Contractor may be entitled to reimbursement from the Government.

(i) The Government reserves the right to review the Contractor’s purchasing system as set forth in FAR Subpart 44.3.

(j) Paragraphs (c) and (e) of this clause do not apply to the following subcontracts, which were evaluated during negotiations:

<b>I. 125</b>	<b>52.248-1</b>	<b>VALUE ENGINEERING (OCT 2010)</b>
<b>I. 126</b>	<b>52.249-2</b>	<b>TERMINATION FOR THE CONVENIENCE OF THE GOVERNMENT (FIXED-PRICE) (APR 2012)</b>
<b>I. 127</b>	<b>52.249-8</b>	<b>DEFAULT (FIXED-PRICE SUPPLY AND SERVICE) (APR 1984)</b>

**I. 128**     **DEAR 952.204-77 COMPUTER SECURITY (AUG 2006)**

(a) Definitions.

- (1) Computer means desktop computers, portable computers, computer networks (including the DOE Network and local area networks at or controlled by DOE organizations), network devices, automated information systems, and or other related computer equipment owned by, leased, or operated on behalf of the DOE.
- (2) Individual means a DOE Contractor or subcontractor employee, or any other person who has been granted access to a DOE computer or to information on a DOE computer, and does not include a member of the public who sends an e-mail message to a DOE computer or who obtains information available to the public on DOE Web sites.

(b) Access to DOE computers. A Contractor shall not allow an individual to have access to information on a DOE computer unless-

- (1) The individual has acknowledged in writing that the individual has no expectation of privacy in the use of a DOE computer; and
- (2) The individual has consented in writing to permit access by an authorized investigative agency to any DOE computer used during the period of that individual's access to information on a DOE computer, and for a period of three years thereafter.

(c) No expectation of privacy. Notwithstanding any other provision of law (including any provision of law enacted by the Electronic Communications Privacy Act of 1986), no individual using a DOE computer shall have any expectation of privacy in the use of that computer.

	<p>(d) Written records. The Contractor is responsible for maintaining written records for itself and subcontractors demonstrating compliance with the provisions of paragraph (b) of this section. The Contractor agrees to provide access to these records to the DOE, or its authorized agents, upon request.</p> <p>(e) Subcontracts. The Contractor shall insert this clause, including this paragraph (e), in subcontracts under this contract that may provide access to computers owned, leased or operated on behalf of the DOE.</p>
<b>I. 129</b>	<p><b>DEAR 952.223-78 SUSTAINABLE ACQUISITION PROGRAM (OCT 2010)</b></p> <p>(a) Pursuant to Executive Order 13423, Strengthening Federal Environmental, Energy and Transportation Management, and Executive Order 13514, Federal Leadership in Environmental, Energy, and Economic Performance, the Department of Energy (DOE) is committed to managing its facilities in an environmentally preferable and sustainable manner that will promote the natural environment and protect the health and well-being of its Federal employees and contractor service providers. In the performance of work under this contract, the Contractor shall provide its services in a manner that promotes the natural environment, reduces greenhouse gas emissions and protects the health and well-being of Federal employees, contract service providers and visitors using the facility.</p> <p>(b) Green purchasing or sustainable acquisition has several interacting initiatives. The Contractor must comply with initiatives that are current as of the contract award date. DOE may require compliance with revised initiatives from time to time. The Contractor may request an equitable adjustment to the terms of its contract using the procedures in the Changes clause of the contract. The initiatives important to these Orders are explained on the following</p> <p style="padding-left: 40px;">Government or Industry Internet Sites:</p> <ul style="list-style-type: none"><li>(1) Recycled Content Products are described at <a href="http://epa.gov/cpg">http://epa.gov/cpg</a>.</li><li>(2) Biobased Products are described at <a href="http://www.biopreferred.gov/">http://www.biopreferred.gov/</a>.</li><li>(3) Energy efficient products are at <a href="http://energystar.gov/products">http://energystar.gov/products</a> for Energy Star products.</li><li>(4) Energy efficient products are at <a href="http://www.femp.energy.gov/procurement">http://www.femp.energy.gov/procurement</a> for FEMP designated products.</li><li>(5) Environmentally preferable and energy efficient electronics including desktop computers, laptops and monitors are at <a href="http://www.epeat.net">http://www.epeat.net</a> the Electronic Products Environmental Assessment Tool (EPEAT) the Green Electronics Council site.</li><li>(6) Greenhouse gas emission inventories are required, including Scope 3 emissions which include contractor emissions. These are discussed at Section 13 of Executive Order 13514 which can be found at <a href="http://www.archives.gov/federal-register/executive-orders/disposition.html">http://www.archives.gov/federal-register/executive-orders/disposition.html</a>.</li><li>(7) Non-Ozone Depleting Alternative Products are at <a href="http://www.epa.gov/ozone/strathome.html">http://www.epa.gov/ozone/strathome.html</a>.</li><li>(8) Water efficient plumbing products are at <a href="http://epa.gov/watersense">http://epa.gov/watersense</a>.</li></ul> <p>(c) The clauses at FAR 52.223-2, Affirmative Procurement of Biobased Products under Service and Construction Contracts, 52.223-15, Energy Efficiency in Energy Consuming Products, and 52.223-17 Affirmative Procurement of EPA-Designated Items in Service and Construction Contracts, require the use of products that have biobased content, are energy efficient, or have recycled content. To the extent that the services provided by the Contractor require provision of any of the above types of products, the Contractor must provide the energy efficient and environmentally sustainable type of product unless that type of product -</p> <ul style="list-style-type: none"><li>(1) Is not available;</li><li>(2) Is not life cycle cost effective or does not exceed 110% of the price of alternative items if life cycle cost data is unavailable (EPEAT is an example of lifecycle costs that have been analyzed by DOE and found to be acceptable at the silver and gold level);</li><li>(3) Does not meet performance needs; or,</li><li>(4) Cannot be delivered in time to meet a critical need.</li></ul>

	<p>(d) In the performance of this contract, the Contractor shall comply with the requirements of Executive Order 13423, Strengthening Federal Environmental, Energy and Transportation Management, (<a href="http://www.epa.gov/greeningepa/practices/eo13423.htm">http://www.epa.gov/greeningepa/practices/eo13423.htm</a>) and Executive Order 13514, Federal Leadership in Environmental, Energy, and Economic Performance (<a href="http://www.archives.gov/federal-register/executive-orders/disposition.html">http://www.archives.gov/federal-register/executive-orders/disposition.html</a>). The Contractor shall also consider the best practices within the DOE Acquisition Guide, Chapter 23, Acquisition Considerations Regarding Federal Leadership in Environmental, Energy, and Economic performance. This guide includes information concerning recycled content products, biobased products, energy efficient products, water efficient products, alternative fuels and vehicles, non-ozone depleting substances and other environmentally preferable products and services. This guide is available on the Internet at: <a href="http://management.energy.gov/documents/AcqGuide23pt0Rev1.pdf">http://management.energy.gov/documents/AcqGuide23pt0Rev1.pdf</a>.</p> <p>(e) Contractors must establish and maintain a documented energy management program which includes requirements for energy and water efficient equipment, EnergyStar or WaterSense, as applicable and procedures for verification of purchases, following the criteria in DOE Order 430.2B, Departmental Energy, Renewable Energy, and Transportation Management, Attachment 1, or its successor to the extent required elsewhere in the contract. This requirement should not be flowed down to subcontractors.</p> <p>(f) In complying with the requirements of paragraph (c) of this clause, the Contractor(s) shall coordinate its activities with and submit required reports through the Environmental Sustainability Coordinator or equivalent position. Reporting under this paragraph and paragraphs (g) and (h) of this clause is only required if the contract or subcontract offers subcontracting opportunities for energy efficient and environmentally sustainable products or services exceeding \$100,000 in any contract year.</p> <p>(g) The Contractor shall prepare and submit performance reports, if required, using prescribed DOE formats, at the end of the Federal fiscal year, on matters related to the acquisition of environmentally preferable and sustainable products and services. This is a material delivery under the contract. Failure to perform this requirement may be considered a failure that endangers performance of this contract and may result in termination for default.</p> <p>(h) These provisions shall be flowed down only to first tier subcontracts exceeding the simplified acquisition threshold that support operation of the DOE facility and offer significant subcontracting opportunities for energy efficient or environmentally sustainable products or services. The Subcontractor, if subcontracting opportunities for sustainable and environmentally preferable products or services exceed the threshold in paragraph (f) of this clause, will comply with the procedures in paragraphs (c) through (f) of this clause regarding the collection of all data necessary to generate the reports required under paragraphs (c) through (f) of this clause, and submit the reports directly to the Prime Contractor's Environmental Sustainability Coordinator at the supported facility. The Subcontractor will advise the Contractor if it is unable to procure energy efficient and environmentally sustainable items and cite which of the reasons in paragraph (c) of this clause apply. The reports may be submitted at the conclusion of the subcontract term provided that the subcontract delivery term is not multi-year in nature. If the delivery term is multi-year, the Subcontractor shall report its accomplishments for each Federal fiscal year in a manner and at a time or times acceptable to both parties. Failure to comply with these reporting requirements may be considered a breach of contract with attendant consequences.</p> <p>(i) When this clause is used in a subcontract, the word "Contractor" will be understood to mean "Subcontractor."</p>
<b>I. 130</b>	<p><b>DEAR 952.227-11 PATENT RIGHTS-RETENTION BY THE CONTRACTOR (SHORT FORM) (FEB 1995)</b></p> <p>(a) Definitions.</p> <p style="padding-left: 40px;">(1) "Invention" means any invention or discovery which is or may be patentable or otherwise protectable under title 35 of the United States Code, or any novel variety of plant which is or may be protected under the Plant Variety Protection Act (7 U.S.C. 2321, et seq.).</p>

(2) "Made" when used in relation to any invention means the conception of first actual reduction to practice of such invention.

(3) "Nonprofit organization" means a university or other institution of higher education or an organization of the type described in section 501(c)(3) of the Internal Revenue Code of 1954 (26 U.S.C. 501(c)) and exempt from taxation under section 501(a) of the Internal Revenue Code (26 U.S.C. 501(a)) or any nonprofit scientific or educational organization qualified under a state nonprofit organization statute.

(4) "Practical application" means to manufacture, in the case of a composition or product; to practice, in the case of a process or method; or to operate, in the case of a machine or system; and, in each case, under such conditions as to establish that the invention is being utilized and that its benefits are, to the extent permitted by law or Government regulations, available to the public on reasonable terms.

(5) "Small business firm" means a small business concern as defined at section 2 of Pub. L. 85-536 (15 U.S.C. 632) and implementing regulations of the Administrator of the Small Business Administration. For the purpose of this clause, the size standards for small business concerns involved in Government procurement and subcontracting at 13 CFR 121.3-8 and 13 CFR 121.3-12, respectively, will be used.

(6) "Subject invention" means any invention of the contractor conceived or first actually reduced to practice in the performance of work under this contract, provided that in the case of a variety of plant, the date of determination (as defined in section 41(d) of the Plant Variety Protection Act, 7 U.S.C. 2401(d)) must also occur during the period of contract performance.

(7) "Agency licensing regulations" and "agency regulations concerning the licensing of Government-owned inventions" mean the Department of Energy patent licensing regulations at 10 CFR Part 781.

(b) Allocation of principal rights. The Contractor may retain the entire right, title, and interest throughout the world to each subject invention subject to the provisions of this clause and 35 U.S.C. 203. With respect to any subject invention in which the Contractor retains title, the Federal Government shall have a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the subject invention throughout the world.

(c) Invention disclosure, election of title, and filing of patent application by Contractor.

(1) The Contractor will disclose each subject invention to the Department of Energy (DOE) within 2 months after the inventor discloses it in writing to Contractor personnel responsible for patent matters. The disclosure to DOE shall be in the form of a written report and shall identify the contract under which the invention was made and the inventor(s). It shall be sufficiently complete in technical detail to convey a clear understanding to the extent known at the time of the disclosure, of the nature, purpose, operation, and the physical, chemical, biological or electrical characteristics of the invention. The disclosure shall also identify any publication, on sale or public use of the invention and whether a manuscript describing the invention has been submitted for publication and, if so, whether it has been accepted for publication at the time of disclosure. In addition, after disclosure to the DOE, the Contractor will promptly notify that agency of the acceptance of any manuscript describing the invention for publication or of any on sale or public use planned by the Contractor.

(2) The Contractor will elect in writing whether or not to retain title to any such invention by notifying DOE within 2 years of disclosure to DOE. However, in any case where publication, on sale or public use has initiated the 1-year statutory period wherein valid patent protection can still be obtained in the United States, the period for election of title may be shortened by DOE to a date that is no more than 60 days prior to the end of the statutory period.

(3) The Contractor will file its initial patent application on a subject invention to which it elects to retain title within 1 year after election of title or, if earlier, prior to the end of any statutory period wherein valid patent protection can be obtained in the United States after a publication, on sale, or public use. The Contractor will file patent applications in additional countries or international patent offices within either 10 months of the corresponding initial patent application or 6 months from the date permission is granted by the Commissioner of Patents and Trademarks to file foreign patent applications where such filing has been prohibited by a Secrecy Order.

(4) Requests for extension of the time for disclosure, election, and filing under subparagraphs (c)(1), (2), and (3) of this clause may, at the discretion of the agency, be granted.

(d) Conditions when the Government may obtain title. The Contractor will convey to the Federal agency, upon written request, title to any subject invention

(1) If the Contractor fails to disclose or elect title to the subject invention within the times specified in paragraph (c) of this clause, or elects not to retain title; provided, that DOE may only request title within 60 days after learning of the failure of the Contractor to disclose or elect within the specified times.

(2) In those countries in which the Contractor fails to file patent applications within the times specified in paragraph (c) of this clause; provided, however, that if the Contractor has filed a patent application in a country after the times specified in paragraph (c) of this clause, but prior to its receipt of the written request of the Federal agency, the Contractor shall continue to retain title in that country.

(3) In any country in which the Contractor decides not to continue the prosecution of any application for, to pay the maintenance fees on, or defend in reexamination or opposition proceeding on, a patent on a subject invention.

(e) Minimum rights to Contractor and protection of the Contractor right to file.

(1) The Contractor will retain a nonexclusive royalty-free license throughout the world in each subject invention to which the Government obtains title, except if the Contractor fails to disclose the invention within the times specified in paragraph (c) of this clause. The Contractor's license extends to its domestic subsidiary and affiliates, if any, within the corporate structure of which the Contractor is a party and includes the right to grant sublicenses of the same scope to the extent the Contractor was legally obligated to do so at the time the contract was awarded. The license is transferable only with the approval of the Federal agency, except when transferred to the successor of that part of the Contractor's business to which the invention pertains.

(2) The Contractor's domestic license may be revoked or modified by DOE to the extent necessary to achieve expeditious practical application of subject invention pursuant to an application for an exclusive license submitted in accordance with applicable provisions at 37 CFR Part 404 and agency licensing regulations. This license will not be revoked in that field of use or the geographical areas in which the Contractor has achieved practical application and continues to make the benefits of the invention reasonably accessible to the public. The license in any foreign country may be revoked or modified at the discretion of DOE to the extent the Contractor, its licensees, or the domestic subsidiaries or affiliates have failed to achieve practical application in that foreign country.

(3) Before revocation or modification of the license, DOE will furnish the Contractor a written notice of its intention to revoke or modify the license, and the Contractor will be allowed 30 days (or such other time as may be authorized by DOE for good cause shown by the Contractor) after the notice to show cause why the license should not be revoked or modified. The Contractor has the right to appeal, in accordance with applicable regulations in 37 CFR Part 404 and agency regulations concerning the

licensing of Government owned inventions, any decision concerning the revocation or modification of the license.

(f) Contractor action to protect the Government's interest.

(1) The Contractor agrees to execute or to have executed and promptly deliver to DOE all instruments necessary to (i) establish or confirm the rights the Government has throughout the world in those subject inventions to which the Contractor elects to retain title, and (ii) convey title to DOE when requested under paragraph (d) of this clause and to enable the government to obtain patent protection throughout the world in that subject invention.

(2) The Contractor agrees to require, by written agreement, its employees, other than clerical and nontechnical employees, to disclose promptly in writing to personnel identified as responsible for the administration of patent matters and in a format suggested by the Contractor each subject invention made under contract in order that the Contractor can comply with the disclosure provisions of paragraph (c) of this clause, and to execute all papers necessary to file patent applications on subject inventions and to establish the Government's rights in the subject inventions. This disclosure format should require, as a minimum, the information required by subparagraph (c)(1) of this clause. The Contractor shall instruct such employees, through employee agreements or other suitable educational programs, on the importance of reporting inventions in sufficient time to permit the filing of patent applications prior to U.S. or foreign statutory bars.

(3) The Contractor will notify DOE of any decision not to continue the prosecution of a patent application, pay maintenance fees, or defend in a reexamination or opposition proceeding on a patent, in any country, not less than 30 days before the expiration of the response period required by the relevant patent office.

(4) The Contractor agrees to include, within the specification of any United States patent application and any patent issuing thereon covering a subject invention, the following statement, "This invention was made with Government support under (identify the contract) awarded by the United States Department of Energy. The Government has certain rights in the invention."

(g) Subcontracts.

(1) The Contractor will include this clause, suitably modified to identify the parties, in all subcontracts, regardless of tier, for experimental, developmental, or research work to be performed by a small business firm or domestic nonprofit organization. The subcontractor will retain all rights provided for the Contractor in this clause, and the Contractor will not, as part of the consideration for awarding the subcontract, obtain rights in the subcontractor's subject inventions.

(2) The contractor shall include in all other subcontracts, regardless of tier, for experimental, developmental, demonstration, or research work the patent rights clause at 952.227-13.

(3) In the case of subcontracts, at any tier, DOE, subcontractor, and the Contractor agree that the mutual obligations of the parties created by this clause constitute a contract between the subcontractor and DOE with respect to the matters covered by the clause; provided, however, that nothing in this paragraph is intended to confer any jurisdiction under the Contract Disputes Act in connection with proceedings under paragraph (j) of this clause.

(h) Reporting on utilization of subject inventions. The Contractor agrees to submit, on request, periodic reports no more frequently than annually on the utilization of a subject invention or on efforts at obtaining such utilization that are being made by the Contractor or its licensees or assignees. Such reports shall include information regarding the status of development, date of first commercial sale or use, gross royalties received, by the Contractor, and such other data and information as DOE may reasonably specify. The Contractor also agrees to provide additional reports as may be requested by DOE in connection with any march-in proceeding undertaken

by that agency in accordance with paragraph (j) of this clause. As required by 35 U.S.C. 202(c)(5), DOE agrees it will not disclose such information to persons outside the Government without permission of the Contractor.

(i) Preference for United States industry. Notwithstanding any other provision of this clause, the Contractor agrees that neither it nor any assignee will grant to any person the exclusive right to use or sell any subject invention in the United States unless such person agrees that any product embodying the subject invention or produced through the use of the subject invention will be manufactured substantially in the United States. However, in individual cases, the requirement for such an agreement may be waived by DOE upon a showing by the Contractor or its assignee that reasonable but unsuccessful efforts have been made to grant licenses on similar terms to potential licensees that would be likely to manufacture substantially in the United States or that under the circumstances domestic manufacture is not commercially feasible.

(j) March-in rights. The Contractor agrees that, with respect to any subject invention in which it has acquired title, DOE has the right in accordance with the procedures in 37 CFR 401.6 and any supplemental regulations of the agency to require the Contractor, an assignee or exclusive licensee of a subject invention to grant a nonexclusive, partially exclusive, or exclusive license in any field of use to a responsible applicant or applicants, upon terms that are reasonable under the circumstances, and, if the Contractor, assignee, or exclusive licensee refuses such a request, DOE has the right to grant such a license itself if DOE determines that

(1) Such action is necessary because the Contractor or assignee has not taken, or is not expected to take within a reasonable time, effective steps to achieve practical application of the subject invention in such field of use;

(2) Such action is necessary to alleviate health or safety needs which are not reasonably satisfied by the Contractor, assignee, or their licensees;

(3) Such action is necessary to meet requirements for public use specified by Federal regulations and such requirements are not reasonably satisfied by the Contractor, assignee, or licensees; or

(4) Such action is necessary because the agreement required by paragraph (i) of this clause has not been obtained or waived or because a licensee of the exclusive right to use or sell any subject invention in the United States is in breach of such agreement.

(k) Special provisions for contracts with nonprofit organizations. If the Contractor is a nonprofit organization, it agrees that

(1) Rights to a subject invention in the United States may not be assigned without the approval of the Federal agency, except where such assignment is made to an organization which has as one of its primary functions the management of inventions; provided, that such assignee will be subject to the same provisions as the Contractor;

(2) The Contractor will share royalties collected on a subject invention with the inventor, including Federal employee co-inventors (when DOE deems it appropriate) when the subject invention is assigned in accordance with 35 U.S.C. 202(e) and 37 CFR 401.10;

(3) The balance of any royalties or income earned by the Contractor with respect to subject inventions, after payment of expenses (including payments to inventors) incidental to the administration of subject inventions will be utilized for the support of scientific research or education; and

(4) It will make efforts that are reasonable under the circumstances to attract licensees of subject inventions that are small business firms, and that it will give a preference to a small business firm when licensing a subject invention if the Contractor determines that the small business firm has a plan or proposal for marketing the invention which, if executed, is equally as likely to bring the invention to

	<p>practical application as any plans or proposals from applicants that are not small business firms; provided, that the Contractor is also satisfied that the small business firm has the capability and resources to carry out its plan or proposal. The decision whether to give a preference in any specific case will be at the discretion of the contractor. However, the Contractor agrees that the Secretary of Commerce may review the Contractor's licensing program and decisions regarding small business applicants, and the Contractor will negotiate changes to its licensing policies, procedures, or practices with the Secretary of Commerce when that Secretary's review discloses that the Contractor could take reasonable steps to more effectively implement the requirements of this subparagraph (k)(4).</p> <p>(l) Communications</p> <p>(1) The contractor shall direct any notification, disclosure, or request to DOE provided for in this clause to the DOE patent counsel assisting the DOE contracting activity, with a copy of the communication to the Contracting Officer. (2) Each exercise of discretion or decision provided for in this clause, except subparagraph (k)(4), is reserved for the DOE Patent Counsel and is not a claim or dispute and is not subject to the Contract Disputes Act of 1978. (3) Upon request of the DOE Patent Counsel or the contracting officer, the contractor shall provide any or all of the following:</p> <p style="padding-left: 40px;">(i) a copy of the patent application, filing date, serial number and title, patent number, and issue date for any subject invention in any country in which the contractor has applied for a patent;</p> <p style="padding-left: 40px;">(ii) a report, not more often than annually, summarizing all subject inventions which were disclosed to DOE individually during the reporting period specified; or</p> <p style="padding-left: 40px;">(iii) a report, prior to closeout of the contract, listing all subject inventions or stating that there were none.</p>
<b>I.131</b>	<b>FAR 52.204-14 SERVICE CONTRACT REPORTING REQUIREMENTS (JAN 2014)</b>
<b>I.132</b>	<b>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</b>
<b>I.133</b>	<b>FAR 52.251-2 INTERAGENCY FLEET MANAGEMENT SYSTEM VEHICLES AND RELATED SERVICES (JAN 1991)</b>
<b>I.134</b>	<b>FAR 52.216-7 ALLOWABLE COST AND PAYMENT (JUN 2013)</b>
<b>I.135</b>	<b>FAR 52.216-8 FIXED FEE (JUN 2011)</b>
<b>I.136</b>	<b>952.223-77 CONDITIONAL PAYMENT OF FEE OR PROFIT-PROTECTION OF WORKER SAFETY AND HEALTH (DEC 2010)</b>
<b>I.137</b>	<b>FAR 52.243-2, CHANGES – COST REIMBURSEMENT (AUG 1987) Alt II (APR 1984)</b>
<b>I.138</b>	<b>FAR 52.204-25 PROHIBITION ON CONTRACTING FOR CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT (AUG 2019)</b>

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

**SECTION J**

**LIST OF ATTACHMENTS**

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**SECTION J – LIST OF ATTACHMENTS**

**ATTACHMENT J-1**

**LIST OF APPLICABLE COMPLIANCE DOCUMENTS (LIST B)**

The Contractor shall comply with the requirements of the DOE Directives identified below. DOE directives may be found at <http://www.directives.doe.gov/>. If this list becomes out of date, the Contractor is not relieved from the obligation to comply with the most recent version of DOE Directives.

<b>Directive</b>	<b>Title</b>	<b>Date</b>
DOE O 142.3A	Unclassified Foreign Visits and Assignments	10-14-10
DOE O 144.1; Chg.1	Department of Energy American Indian Tribal Government Interactions and Policy	01-16-09
DOE O 150.1A	Continuity Programs	03-31-14
DOE O 151.1C	Comprehensive Emergency Management System	11-02-05
DOE O 200.1A	Information Technology Management	12-23-08
DOE O 203.1	Limited Personal Use of Government Office Equipment Including Information Technology	01-07-05
DOE O 206.1	Department of Energy Privacy Program	01-16-09
DOE O 206.2	Identity, Credential and Access Management	02-19-13
DOE O 210.2A	DOE Corporate Operating Experience Program	04-08-11
DOE O 221.1A	Reporting Fraud, Waste, and Abuse to the Office of the Inspector General	04-19-08
DOE O 221.2A	Cooperation with Office of Inspector General	02-25-08
DOE O 225.1B	Accident Investigations	03-4-11
DOE O 226.1B	Implementation of DOE Oversight Policy	04-25-11
DOE O 227.1	Independent Oversight Program	08-30-11
DOE O 231.1B; Chg.1	Environment, Safety, and Health Reporting	06-27-11
DOE O 232.2; Chg.1	Occurrence Reporting and Processing of Operations Information	08-30-11
DOE G 242.1-1	Forms Management Guide for Use with DOE O 200.1	05-08-00
DOE O 243.1B; Chg.1	Records Management Program	03-11-13
DOE O 413.1B	Internal Control Program	10-28-08
DOE O 414.1D; Chg.1	Quality Assurance	04-25-11
DOE O 420.1C; Chg.1	Facility Safety	12-04-12
DOE O 422.1; Chg.2	Conduct of Operations	06-29-10
DOE O 430.1B; Chg.2	Real Property and Asset Management	09-24-03
DOE O 435.1; Chg.1	Radioactive Waste Management	07-09-99
DOE G 435.1-1	Crosswalk Tables DOE O 5820.2A vs. DOE O 435.1/M 435.1-1	07-09-99

Directive	Title	Date
DOE M 435.1-1, Chg.2	Radioactive Waste Management Manual	07-09-99
DOE G 440.1-1B; Chg.1	Worker Safety and Health Program for DOE Federal and Contractor Employees	10-20-11
DOE O 442.1A	Department of Energy Employee Concerns Program	06-06-01
DOE O 450.2	Integrated Safety Management	04-25-11
DOE O 460.1C	Packaging and Transportation Safety	05-14-10
DOE G 460.1-1	Implementation Guide for use with DOE O 460.1C, Packaging and Transportation Safety	06-05-97
DOE O 460.2A	Departmental Materials Transportation and Packaging Management	12-22-04
DOE G 460.2-1	Implementation Guide for Use with DOE O 460.2, Departmental Materials Transportation and Packaging Management	11-15-96
DOE M 460.2-1A	Radioactive Material Transportation Practices Manual	06-4-08
DOE O 470.4B; Chg.1	Safeguards and Security Program	07-21-11
DOE O 471.1B	Identification and Protection of Unclassified Controlled Nuclear Information	03-1-10
DOE O 471.3; Chg.1	Identifying & Protecting Official Use Only Information	01-12-11
DOE M 471.3-1; Chg.1	Manual for Identifying and Protecting Official Use Only Information	01-13-11
DOE O 471.6; Chg.2	Information Security (OPSEC section only)	05-21-15
DOE O 473.3	Protection Program Operations	06-29-11
DOE O 475.1	Counterintelligence Program	12-10-04
DOE O 522.1	Pricing of Departmental Materials and Services	11-03-04
DOE O 534.1B	Accounting	01-06-03
DOE O 580.1A; Chg.1	Department of Energy Personal Property Management Program	03-30-12
DOE G 580.1-1A	Department of Energy Personal Property Guide	06-09-15
DOE O 436.1	Departmental Sustainability	05-02-11

**SECTION J – LIST OF ATTACHMENTS**

**ATTACHMENT J-2**

**LIST OF PROJECT PERMITS AND AGREEMENTS**

[Please see below list and corresponding attachments]

<b>Moab UMTRA Project Permits and Agreements</b>										
<b>Site</b>	<b>Type of Instrument</b>	<b>Agreement No.</b>	<b>Document Name</b>	<b>Issue Agency</b>	<b>Purpose</b>	<b>POC</b>	<b>Frequency of Renewal</b>	<b>Expiration Date</b>	<b>Agmt Cost</b>	<b>Issued To</b>
<b>MOAB UMTRA PROJECT SITE</b>										
1. Moab UMTRA Project Site	Permit	UTR359185	General Storm Water Utah Pollutant Discharge Elimination System (UPDES) Permit Coverage Number UTR359185.	State of Utah, DEQ, Division of Water Quality	Storm water permit to address the control of storm water runoff and discharges resulting from DOE's construction activities at the Moab site.	██████████ (TAC)	Annual	04-06-16	\$150.00	D. Metzler, DOE-GJO
2. Moab UMTRA Project Site	Agreement	REEMCBCDOE-7-15-0105 DE-RO13-03GJ6 7299	Agreement for Access to Conduct Surveys and Engineering Studies	Matt Reardon, DOE-EMCBC	Access agreement for purposes of air monitoring activities at Moab, UT. Executed 7/21/10.	██████████ (TAC)	5 years	08-06-20	\$-	Millie McClatchy
3. Moab UMTRA Project Site	Agreement	DE-RO13-02GJ6 7275, Amendment 2; REEMCBCDOE-07-12-0104	Agreement for Installation and Maintenance of Air Monitoring Equipment - for Bar-M Restaurant	Matt Reardon, DOE-EMCBC	Access agreement for air monitoring station 0117 near Moab, UT. Yearly electricity payment paid each January.	██████████ (TAC)	5 years	28-02-17	\$350.00	B. Alan Brown, Bar-M Chuckwagon
4. Moab UMTRA Project Site	Agreement	DE-RO13-02GJ67277, Amendment #2; REEMCBCDOE-07-12-0105	Agreement for Installation and Maintenance of Air Monitoring Equipment, Amendment 2 for Division of Wildlife Portion-Matheson area	Matt Reardon, DOE-EMCBC	Access agreement for air monitoring station 0119 at Moab, UT. Yearly electricity payment paid each January.	██████████ (TAC)	5 years	12-03-17	\$350.00	Utah Division of Wildlife Resources
5. Moab UMTRA Project Site	Agreement	DE-RO13-02GJ67278, Amendment #2; REEMCBCDOE-07-12-0103	Agreement for Installation and Maintenance of Air Monitoring Equipment - for Portal RV	Matt Reardon, DOE-EMCBC	Access agreement for air monitoring station 0120 at Moab, UT. Yearly electricity payment paid each January.	██████████ (TAC)	5 years	14-03-17	\$350.00	Doug Sorenson, Portal RV Park

<b>Moab UMTRA Project Permits and Agreements</b>										
Site	Type of Instrument	Agreement No.	Document Name	Issue Agency	Purpose	POC	Frequency of Renewal	Expiration Date	Agmt Cost	Issued To
6. Moab UMTRA Project Site	Agreement	DE-RO13-02GJ6 7279, Amendment 2; REEMCBCDOE-07-12-0102	Agreement for Installation and Maintenance of Air Monitoring Equipment - for City of Moab	Matt Reardon, DOE-EMCBC	Access agreement for air monitoring station 0121 at Moab, UT. Electricity reimbursed in March, next due January 2015.	██████████ (TAC)	5 years	05-04-17	\$350.00	D. Sakrison, City of Moab
7. Moab UMTRA Project Site	Agreement	DE-RO13-02GJ6 7281, Amendment 2; REEMCBCDOE-07-12-0106	Agreement for Installation and Maintenance of Air Monitoring Equipment - for Grand County Recycle Center	Matt Reardon, DOE-EMCBC	Access agreement for air monitoring station 0122 at Moab, UT. Electricity charges billed directly to DOE.	██████████ (TAC)	5 years	28-02-17	\$-	Grand County, UT
8. Moab UMTRA Project Site	Right-of-Way	UTU-80106; DE-RO13-02GJ6 7280; REEMCBCDOE-8-12-0202	Right-of-Way Grant UTU-80106, for Kane Creek Road Air Station	J. Denney, BLM-Moab Field Office	Access agreement for air monitoring station 0123 near Moab, UT. Electricity payment is metered and paid with site electricity invoice by RAC/DOE.	██████████ (TAC)	30 years	12/31/2041, with 10-year review	\$-	DOE-GJO
9. Moab UMTRA Project Site	Permit	ARCH-2010-SCI-0001	Scientific Research and Collecting Permit - ARCH-2010-SCI-0001); Annual report due January 2016	Bill Commins, Arches National Park Service	Environmental air monitoring permit to collect background air samples for air monitor station 0118 at Moab, UT. Yearly electricity payment paid each January.	██████████ (TAC)	5 years	31-12-15	\$350.00	D. Metzler, DOE-EM
10. Moab UMTRA Project Site	Agreement	Case No. 11-0047	Memorandum of Agreement Between the U.S. Department of Energy, Utah State Historic Preservation Office, and Utah Department of Transportation Regarding Cultural Resources Issues Related to the Moab UMTRA Project Site	D. Metzler, DOE-EM	MOA outlines DOE's cultural resource mitigation responsibilities at the Moab UMTRA Project Site, Moab, Utah. Includes amendments to Stipulations 1.5, 1.5.1 and 1.6. Year-end annual report due in January.	██████████ (TAC)	Annual	01-01-16	\$-	P. Higgins, UDOT, C. Hanson, UT SHPO

Moab UMTRA Project Permits and Agreements										
Site	Type of Instrument	Agreement No.	Document Name	Issue Agency	Purpose	POC	Frequency of Renewal	Expiration Date	Agmt Cost	Issued To
11. Moab UMTRA Project Site	Right-of-Way	UTU-82677 Amended	Right-of-Way UTU-82677 for Moab rail load out, railroad access road, underpass, powerline and two areas above the tracks, amendment in progress to include bench berm and Gantry pad extension	S. Smith, BLM-Moab Field Office	Right-of-Way for right to upgrade, use, and maintain an access (haul) road with total of approximately 7.37 acres at the Moab UMTRA Project Site. ROW last revised 10/9/09 to add .57 acres for truck escape ramp and drainage.	(TAC)		31-12-25	\$-	D. Metzler, DOE-EM
12. Moab UMTRA Project Site	License	29574	License - Grand County, Utah	Diana Carroll, Grand County, UT	License to conduct environmental restoration at 2021 N. Highway 191, Grand County, Utah received March 2015	RAC	Annual	01-04-16	\$100.00	Portage license
13. Moab UMTRA Project Site	Water Right	A30032	Water Right 01-40 (A30032)	K. Jones, Utah Division of Water Rights	Water right for nonuse of water from the Colorado River to support remedial operations at the Moab UMTRA Project Site, Moab, UT. Submitted nonuse 8-9-11, approved 10/24/11.	(TAC)	7 years	31-10-18	\$430.00	Department of Energy
14. Moab UMTRA Project Site	Approval	DAQC-626-2002	Fugitive Dust Control Plan Submitted April 8, 2002	J. Dean, UT Division of Air Quality	Approval letter from State of Utah Division of Air Quality received on May 10, 2002. Revision issued February, 2013.	(TAC)	24 years	07-05-26	\$-	Department of Energy
15. Moab UMTRA Project Site	Permit	Resolution 2006-2741	Resolution of the Grand County Council Approving the Conditional Use Permit, Moab UMTRA Remediation Project	Grand County Council	Conditional Use Permit for the Moab UMTRA Project. Annual Statement of Continued Compliance due within 30-days of July 18 each year.	(TAC)	Annual	18-07-15	\$-	DOE-EM

Moab UMTRA Project Permits and Agreements										
Site	Type of Instrument	Agreement No.	Document Name	Issue Agency	Purpose	POC	Frequency of Renewal	Expiration Date	Agmt Cost	Issued To
16. Moab UMTRA Project Site	Agreement	MOA 011159	Cultural Resource Issues Related to the Moab UMTRA Project, a Radiological Remediation Undertaking at and around Historic Sites 42GR2565.14, 42GR3223, 42GR2710.15, 42GR3424, and 42GR3427, Grand County, Utah	Utah SHPO and DOT	Proceed with the Undertaking DOE will ensure application of supplemental standards on Sites 42GR2565 14 and 42GR3223, temporary relocate Site 42GR2710.15, mitigation of Site 42GR3424, collective mitigation of Sites 42GR3424 and 42GR3427, mitigation of architectural components of Site 42GR3427, report discovery of cultural resources, and other administrative stipulations.	██████████ (TAC)	10 years	01-01-16	\$-	
17. Moab UMTRA Project Site	Right-of-Way	UTU-80111	ROW-UTU-80111; 0.23 acres	Jan Denney, BLM Reality Specialist	Construction & monitoring ROW for monitoring well 0430, NW of DOE site within UDOT ROW	TAC	Renewed 11/2/2012	31-12-22	\$115.00	S&K Corporation
18. Moab UMTRA Project Site	License	29152	License-Grand County, Utah	Diana Carroll, Grand County, UT	License to conduct environmental restoration at 2021 N. Highway 191, Grand County, Utah; Renewed license 1-21-2014 next due 3/2015; County will bill.	██████████ (TAC)	Annual	31-03-15	\$100.00	S & K Corp.
19. Moab UMTRA Project Site	Permit	10-01-03SA	Joint 404/Stream Channel Alteration Permit for remediation near the Colorado River	US Army COE	To remediate off-pile DOE property east/west of Moab Wash along Colorado River, approximately 20 acres. Report (COE) submitted 1/18/12, within 30 days of completion	██████████ (TAC)	Annual monitoring	Annual monitoring required	\$-	US Department of Energy

Moab UMTRA Project Permits and Agreements										
Site	Type of Instrument	Agreement No.	Document Name	Issue Agency	Purpose	POC	Frequency of Renewal	Expiration Date	Agmt Cost	Issued To
20. Moab UMTRA Project Site	Agreement		MOU Between Rocky Mountain Power and DOE	Rocky Mountain Power, DOE	Formalizes an understanding for Rocky Mountain Power to access the Moab Site.	██████████ (TAC)	5 years	17-10-19	\$-	██████████, District Mgr, 320 N 100 W, Moab, UT (881) 221-7070, ext 0, ██████████@pacificorp.com, ██████████@rockymountainpower.net
21. Moab UMTRA Project Site	Agreement		MOU between Moab Regional Hospital and DOE	Moab Regional Hospital, ██████████, CEO, and DOE	Formalizes an understanding of cooperation and assistance in providing treatment to injured DOE employees, its contractors, and guests transported to the hospital from the Moab site and any other site that may fall under DOE's jurisdiction.	██████████, ██████████, ██████████ (TAC)	5 years	15-08-19	\$-	U.S. Department of Energy
22. Moab UMTRA Project Site	Agreement	MOA 016931	MOU between Emery County Emergency Medical Services and DOE	Emery county EMS, DOE	Formalizes an understanding of cooperation and assistance in providing emergency medical services to DOE employees, its contractors, and guests at the Moab site and any other sites in Grand or Emery County that fall under DOE's jurisdiction.	RAC	5 years	10-05-16	\$-	U.S. Department of Energy
23. Moab UMTRA Project Site	Agreement		MOU between Grand County Emergency Medical Services and DOE	Grand County EMS, DOE	Formalizes an understanding of cooperation and assistance in providing emergency medical services to DOE employees, its contractors, and guests at the Moab site and any other sites in Grand County that fall under DOE's jurisdiction.	RAC	5 years	10-07-19	\$-	U.S. Department of Energy

Moab UMTRA Project Permits and Agreements										
Site	Type of Instrument	Agreement No.	Document Name	Issue Agency	Purpose	POC	Frequency of Renewal	Expiration Date	Agmt Cost	Issued To
24. Moab UMTRA Project Site	Lease	Folder 2537-13	Railroad Lease of UPRR Land @ Rail Load Out Bench, effective 4/14/09; executed lease received 6/11/2010; lease amendment in process for berm/wall March 2015	██████████, UPRR	Lease covers use of 4.41 acres of railroad land for transloading containers to and from railcars, includes tracks, roads and turn around within UPRR property. Has 3%/year increase in cost for contact period.	██████████ (TAC)	Annual payment	Annually, April 4	\$9,000 due in 2016	Portage, Inc.
25. Moab UMTRA Project Site	Agreement	Folder No. 2465-12; Revised for 2010 construction	Industrial Track Contract for Railroad Spur on Cane Creek Subdivision at MP 28.0 Moab (Emkay), Utah	██████████, Union Pacific Railroad	Covers Construction, Maintenance and Operation of 2,179-foot Track A , and modifications to main line at MP 28.0, Cane Creek Subdivision, in Moab (Emkay) Utah; copy of revision in file	██████████ (TAC)	N/A	Life of Project	\$-	Portage, Inc.
26. Moab UMTRA Project Site	Permit	12446321-004-SFU	Utah Special Fuel Permit	State Tax Commission	Required for qualified motor vehicles or bulk storage of fuel, annual renewal due 12/31/15.	██████████ (TAC)	Annual	31-12-15	\$-	Portage, Inc.
27. Moab UMTRA Project Site	Permit	R4-121836-0	Utah Department of Transportation Encroachment Permit	██████████ UDOT District Engineer	Install security gate on main entrance to the DOE facility at Moab, from US-191; gate installed 9/2013	██████████	9 years	01-03-23	\$-	US Department of Energy
28. Moab UMTRA Project Site	Approval	UTD980717607	Utah Division of Solid and Hazardous Waste Generator	D. Metzler, DOE-EM	Project was listed as a Small Quantity Generator; request in April 2014 to change status to Conditionally Exempt Small Quantity Generator approved 4/22/14 per Delynn Stevenson	██████████ (TAC)	N/A	N/A	\$-	US Department of Energy
29. Moab UMTRA Project Site	Permit	DAQH-717-95	Asbestos Landfill Permit; An air quality control permit was issued for a ~110 ton asbestos disposal pit within the tailings pile	Utah DEQ, Division of Air Quality	Notification and UDAQ air permit will be required prior to DOE removal of asbestos and shipment to CJ	██████████ (TAC)	N/A	N/A	\$-	U.S. Department of Energy

Moab UMTRA Project Permits and Agreements										
Site	Type of Instrument	Agreement No.	Document Name	Issue Agency	Purpose	POC	Frequency of Renewal	Expiration Date	Agmt Cost	Issued To
30. Moab UMTRA Project Site	Right-of-Way	DE-RO13-02GJ67 287 UTU-75359	Right-of-Way UTU-75359, Well No. RW-01	██████████, National Park Service, Arches & Canyonlands	Permission for DOE and contractor to use a Right-of-Way Reservation issued to the National Park Service by the Bureau of Land Management for a groundwater monitoring well; BLM renewed to 2017	TAC	10 years	31-12-17	\$-	██████████, National Park Service (awaiting NPS action)
31. Moab UMTRA Project Site	License	DE-RO01-04LM 70008	License Agreement - DE-RO01-04LM70008	The Nature Conservancy, D.C.	Access agreement for all wells located on the Scott M. Matheson Wetlands Preserve at Moab, UT. Agreement expires when The Nature Conservancy revokes the license agreement or DOE may terminate the agreement with 30 days written notice.	TAC	N/A	N/A	\$-	U.S. Department of Energy
32. Moab UMTRA Project Site	Agreement	REEMCBCDOE 09015-0400 EMCBCDOE-7- 10-0111	License Agreement - DE-RO01-05GJ68002	██████████, Utah Division of Wildlife Resources	Agreement for ingress and egress to the Scott M. Matheson Wetland Preserve to monitor ground water contamination from the Moab, UT, Site. Renewal executed 7/22/10.	TAC	5 years	22-07-15	\$-	M. Reardon, DOE-CBC
33. Moab UMTRA Project Site	Water Right	WATER RIGHT 01-40, t38349	Temporary Change Application Number 01-40 (t38349) (Interim Action)	██████████, Utah Division of Water Rights	Approval letter for temporary change application to change point of diversion and use of 180.00 acre-feet of water at the Moab UMTRA Project Site. Annual renewal approved 8-12-14 Project Site	██████████ ██████████ (TAC)	Annual	01-08-15	\$250.00	U.S. Department of Energy

Moab UMTRA Project Permits and Agreements										
Site	Type of Instrument	Agreement No.	Document Name	Issue Agency	Purpose	POC	Frequency of Renewal	Expiration Date	Agmt Cost	Issued To
<b><u>CRESCENT JUNCTION</u></b>										
34. Crescent Junction, UT, Disposal Site	Agreement		MOU Between Rocky Mountain Power and DOE	Rocky Mountain Power, DOE	Formalizes an understanding for Rocky Mountain Power to access the Crescent Junction Site.	██████████ (TAC)	5 years	17-10-19		██████████, District Mgr, 320 N 100 W, Moab, UT (881) 221-7070, ext 0, ██████████@pacificorp.com, ██████████@rockymountainpower.net
35. Crescent Junction, UT, Disposal Site	Agreement		MOU between Moab Regional Hospital and DOE	Moab Regional Hospital, ██████████, CEO, and DOE	Formalizes an understanding of cooperation and assistance in providing treatment to injured DOE employees, its contractors, and guests transported to the hospital from the Crescent Junction site and any other site that may fall under DOE's jurisdiction.	██████████, ██████████ (TAC)	5 years	15-08-19		U.S. Department of Energy
36. Crescent Junction, UT, Disposal Site	Agreement	MOA016931	MOU between Emery County Emergency Medical Services and DOE	Emery county EMS, DOE	Formalizes an understanding of cooperation and assistance in providing emergency medical services to DOE employees, its contractors, and guests at the Crescent Junction site and any other sites in Grand or Emery County that fall under DOE's jurisdiction.	RAC	5 years	10-05-16		U.S. Department of Energy

Moab UMTRA Project Permits and Agreements										
Site	Type of Instrument	Agreement No.	Document Name	Issue Agency	Purpose	POC	Frequency of Renewal	Expiration Date	Agmt Cost	Issued To
37. Crescent Junction, UT, Disposal Site	Agreement		MOU between Grand County Emergency Medical Services and DOE	Grand County EMS, DOE	Formalizes an understanding of cooperation and assistance in providing emergency medical services to DOE employees, its contractors, and guests at the Crescent Junction site and any other sites in Grand County that fall under DOE's jurisdiction.	RAC	5 years	10-07-19		U.S. Department of Energy
38. Crescent Junction, UT, Disposal Site	Agreement	UT-SES-GR-14001	Memorandum of Understanding Between the U.S. Department of Energy, Utah Department of Natural Resources, and BLM regarding use of fresh water pond for fire fighting	D. Metzler, DOE-EM	MOU outlines terms and conditions for helicopter use of the pond at Crescent Junction site	██████████ (TAC)	3 years	01-06-17	\$-	██████████, DNR
39. Crescent Junction, UT, Disposal Site	Agreement	REEMCBCDOE 7-15-0104 DE-RO01-05GJ6 8003	Access Agreement for Installation and Maintenance of Air Monitoring Equipment and the Collection of Air Quality Data	Matt Reardon, DOE-EM/CBC	Air monitoring agreement for monitoring station MPS-0306 at Crescent Junction, UT, Disposal Site. Electrical payments paid monthly by RAC contractor. Renewal agreement executed 7/21/10.	██████████ (TAC)	5 years	07-06-20	\$-	██████████
40. Crescent Junction, UT, Disposal Site	Agreement	DEEMCBCDOE 7-15-0106 DE-RO01-05GJ6 8004	Access Agreement for Installation and Maintenance of Air Monitoring Equipment and the Collection of Air Quality Data	Matt Reardon, DOE-EM/CBC	Air monitoring agreement for monitor station MPS-0307 at Thompson Springs, UT, near Disposal Site. Electrical payments paid monthly by RAC contractor. Agreement executed 7/21/10.	██████████ (TAC)	5 years	21-07-15	\$-	Roark Partnership

Moab UMTRA Project Permits and Agreements										
Site	Type of Instrument	Agreement No.	Document Name	Issue Agency	Purpose	POC	Frequency of Renewal	Expiration Date	Agmt Cost	Issued To
41. Crescent Junction, UT, Disposal Site	Land Order	PUBLIC LAND ORDER 7697	Public Land Order 7697; Permanently transferred 500 acres of public land to DOE for Moab Mill Site Remediation Project; Utah	J. Denney, BLM-Moab	Order permanently transferred 500 acres of BLM land to DOE for placement of mill tailings in the disposal cell on 3/31/2008	██████████ (TAC)	Permanent	N/A	N/A	U.S. Department of Energy
42. Crescent Junction, UT, Disposal Site	Land Order	PUBLIC LAND ORDER 7734	Public Land Order 7734; Withdrawal of Public Land for the Moab Mill Site Remediation Project; Utah	J. Denney, BLM-Moab	Order withdraws approximately 936 acres of public land for activities to support disposal of mill tailings at the Crescent Junction, UT, Disposal Site. The withdrawal will be for 20-years to support Public Order 7697.	██████████ (TAC)	20 years	01-06-29	\$-	U.S. Department of Energy
43. Crescent Junction, UT, Disposal Site	Agreement	MOA 008091	Water Use Agreement Between Thompson Special Service District, Grand County, Crescent Junction Properties, Inc. and DOE	██████████, Thompson Special Service District	Water use agreement to install 3-inch HDP potable water service line from Thompson Springs, Utah, to the Crescent Junction Disposal Site at Crescent Junction, Utah. Line is owned and maintained by DOE.	██████████ (TAC)	10 years	01-01-19	\$-	D. Metzler, DOE-EM
44. Crescent Junction, UT, Disposal Site	Right-of-Way	UTU-83353	Right-of-Way UTU-83353	J. Denny, BLM-Moab Field Office	ROW for 3-inch service culinary water pipeline and a 2-inch delivery culinary water pipeline at the Crescent Junction Disposal Site.	██████████ (TAC)	15 years	31-12-25	\$-	D. Metzler, DOE-EM
45. Crescent Junction, UT, Disposal Site	Right-of-Way	UTU-83450	Right-of-Way Grant UTU-83450	J. Denny, BLM-Moab Field Office	ROW for Powerline at the Crescent Junction Disposal Site	██████████ (TAC)	N/A	31-12-36	\$-	██████████, Rocky Mountain Power/PacifiCorp

Moab UMTRA Project Permits and Agreements										
Site	Type of Instrument	Agreement No.	Document Name	Issue Agency	Purpose	POC	Frequency of Renewal	Expiration Date	Agmt Cost	Issued To
46. Crescent Junction, UT, Disposal Site	Agreement	Case No. 11-0028	Memorandum of Agreement Between DOE, BLM and UT SHPO Regarding Cultural Resource Issues Related to Development of Crescent Junction Disposal Site	BLM, UT State Historic Preservation Office (SHPO)	MOA between Department of Energy, Bureau of Land Management and Utah State Historic Preservation Office regarding cultural resource issues related to development of Crescent Junction Disposal Site near Crescent Junction, Grand County, Utah, associated with the DOE Moab UMTRA Project. Annual report due in January each year for approval by State.	██████████ (TAC)	20 years; Annual Report due each January	01-01-27	\$-	D. Metzler, DOE-EM
47. Crescent Junction, UT, Disposal Site	Agreement	NOT ASSIGNED	Memorandum of Agreement Between U.S. Department of Interior, Bureau of Land Management, Moab Field Office, U.S. Department of Energy, Grand Junction, Colorado Office	S. Smith, BLM-Moab Field Office	MOA for management of existing uses on lands (936 acres) withdrawn in conjunction with the Moab UMTRA Project, Moab, UT. Expires 25 years unless canceled, extended, or renewed.	██████████ (TAC)	25 years	25-05-26	\$-	D. Metzler, DOE-EM
48. Crescent Junction, UT, Disposal Site	Approval	DAQC-1110-2006	Fugitive Dust Control Plan submitted August 7, 2006-Utah Administrative Code (UAC) R307-309-6 - Fugitive Emissions and Fugitive Dust-Fugitive Dust Control Plan-Uranium Mill Tailings Repository (UMTRA) Project near Crescent Junction-Grand Co	██████████, Utah Division of Air Quality	Approval letter from the State of Utah for the Fugitive Dust Control Plan for Crescent Junction Disposal Site.	██████████ (TAC)	20 years	14-08-26	\$-	D. Metzler, DOE-EM
49. Crescent Junction, UT, Disposal Site	Easement	ESMT 463	Right of Way Easement	██████████, Utah School & Institutional Trust Lands Administration	Easement across state land for potable water pipeline. Fee paid December, 2012.	██████████ (TAC)	Fee due every 3 years	31-12-28	\$20.00	D. Metzler, DOE-EM

<b>Moab UMTRA Project Permits and Agreements</b>										
<b>Site</b>	<b>Type of Instrument</b>	<b>Agreement No.</b>	<b>Document Name</b>	<b>Issue Agency</b>	<b>Purpose</b>	<b>POC</b>	<b>Frequency of Renewal</b>	<b>Expiration Date</b>	<b>Agmt Cost</b>	<b>Issued To</b>
50. Crescent Junction, UT, Disposal Site	Permit	UTR359187	Storm Water Permit UTR359187- Crescent Junction UMTRA Site	Utah Division of Water Quality	Storm water permit for Crescent Junction, UT, Disposal Site; monthly inspections and report to DOE required. Annual renewal and fee.	██████████ (TAC)	Annual	04-06-16	\$150.00	U.S. Department of Energy
51. Crescent Junction, UT, Disposal Site	Right-of-Way	UTU-83396	Right-of-Way UTU-83396	J. Denny, BLM-Moab Field Office	ROW for buried telephone line at the Crescent Junction Disposal Site.	██████████ (TAC)	20 years	31-12-25	\$-	D. R. Metzler, DOE-GJ
52. Crescent Junction, UT, Disposal Site	Agreement	Folder No. 02399-44	Pipeline Crossing Agreement - Folder No. 02399-44	██████████, Union Pacific Railroad	Agreement grants right to construct, maintain, and operate one underground pipeline for transporting and conveying water, access for phone line and 1-1/4" conduit at mile post 0.25, Cane Creek Subdivision, Thompson Springs, UT, for the Crescent Junction Disposal Site.	██████████ (TAC)	N/A	31-12-50	\$1,500.00	D. Metzler, DOE-EM
53. Crescent Junction, UT, Disposal Site	Agreement	Folder No. 02392-96	Pipeline Crossing Agreement - Folder No. 02392-96	██████████, Union Pacific Railroad	Agreement grants right to construct, maintain, and operate one underground pipeline for transporting and conveying water and access for phone line and 1-1/2" conduit across Union Pacific Railroad's property at mile post 533.2, Green River Subdivision, Thompson Springs, UT, for the Crescent Junction Disposal Site.	██████████ (TAC)	N/A	31-12-50	\$1,500.00	D. Metzler, DOE-EM

Moab UMTRA Project Permits and Agreements										
Site	Type of Instrument	Agreement No.	Document Name	Issue Agency	Purpose	POC	Frequency of Renewal	Expiration Date	Agmt Cost	Issued To
54. Crescent Junction, UT, Disposal Site	DOE Requirement	NOT ASSIGNED	Transportation Compliance Reviews	D. Chung, DOE-HQ	Memorandum notice that DOE Order 460.2A requires a compliance assessment of transportation and packaging operations every 3 years, Moab to Crescent Junction, UT, Sites. Assessment performed in 11/2010 and DOE TCAP assessment performed 10/2012	██████████	3 years	01-10-15	\$-	Distribution
55. Crescent Junction, UT, Disposal Site	Permit	DOT-SP 14283** Second Revision,	Special Permit Authorization - DOT-SP 14283	R. McGuire, U.S. Department of Transportation	Permit to transport mill tailings from Moab UMTRA Project Site to the Crescent Junction Disposal Site. Renewal approved 10/12/2011. A modification to increase container weight submitted 11/26/13- approval 6/20/14.	██████████ (RAC)	4 years	31-01-18	\$-	U.S. Department of Energy
56. Crescent Junction, UT, Disposal Site	Permit	DOT-SP 14283 (Party Status)	Special Permit Authorization - DOT-SP 14283	Michael Nicks, U.S. Department of Transportation	Party status to Portage Inc. for permit to transport mill tailings from Moab to the Crescent Junction Disposal Site; submitted renewal 1/6/2014, approved 4-10-14.	██████████ (RAC)	4 years	31-01-18	\$-	Portage Inc.
57. Crescent Junction, UT, Disposal Site	Certificate	DOT No. 041012550006T V 061814 551 092WY	US Department of Transportation Hazardous Materials Certificate of Registration	U.S. Department of Transportation	DOT Certificate of Registration for Shippers of Hazardous Materials for 2014-2017, approved 6/18/2014	██████████ (RAC)	3 years	30-06-17	\$-	Portage Inc.
58. Crescent Junction, UT, Disposal Site	Agreement	Not assigned	Annual Tier Two Report	██████████, UD of Envir. Response and Remediation	Emergency Planning and Community Right-to-Know Act-Hazardous Chemical Inventory due Feb. 28 each year; submitted 2-27-15	██████████ (TAC)	Annual	28-02-16	\$-	D. Metzler, DOE-EM

Moab UMTRA Project Permits and Agreements										
Site	Type of Instrument	Agreement No.	Document Name	Issue Agency	Purpose	POC	Frequency of Renewal	Expiration Date	Agmt Cost	Issued To
59. Crescent Junction, UT, Disposal Site	Right-of-Way	UTU-83354	BLM Right-of-Way for Water Pipeline from Green River to Crescent Junction Disposal Cell	BLM District Manager, Moab Field Office	The BLM prepared Environmental Assessment and Approved construction of 14.5 miles of pipeline on BLM land from Green River to Crescent Junction cell	██████████ (TAC)	N/A	31-12-27	N/A	US Department of Energy
60. Crescent Junction, UT, Disposal Site	Easement	REECBCDOE-6-08-0302	Easement to construct water pipeline within CR-175 or old 6&50 Highway and Hastings Lane Rights-of-Ways	Grand Co. Admin.	Easement to constructed pipeline within 60' ROW and operated within 20' ROW for Life of Project	██████████ (TAC)	N/A	Life of Project	N/A	US Department of Energy
61. Crescent Junction, UT, Disposal Site	Easement	REECBCDOE-6-08-0301-1; revision number added	Easement across Wheeler/Shlenker Estates land near Crescent Junction	Estates of Wheeler and Shlenker Families	Permanent Easement to constructed water pipeline within 60' ROW and operated within 20' ROW	██████████ (TAC)	N/A	Permanent	N/A	US Department of Energy
62. Crescent Junction, UT, Disposal Site	Easement	REECBCDOE-6-08-0308, SITLA #1345	Easement to construct water pipeline across State School & Institutional Trust Land Administration lands (3 parcels) near Green River & Cr. Jct.	██████████, SITLA Director	Easement to constructed pipeline within 60' ROW and operated within 20' ROW for Life of Project, a temporary easement #5137 was issued just for construction	██████████ (TAC)	N/A	Life of Project	N/A	US Department of Energy
63. Crescent Junction, UT, Disposal Site	License	Statewide Utility License Agreement #8439	UDOT Utility License to construct pipeline across UDOT property with State of Utah	██████████, Permits Officer	A Statewide Utility License is required for any utility within Utah	██████████ (TAC)	N/A	N/A	N/A	US Department of Energy
64. Crescent Junction, UT, Disposal Site	Easement	Property#70-4; 189A:AEQ	UDOT Easement for pipeline across UDOT property near Floy Wash	██████████, Permits Officer	Easement allows 60' construction ROW and 20' permanent ROW	██████████ (TAC)	N/A	Life of Project	N/A	US Department of Energy
65. Crescent Junction, UT, Disposal Site	Permit	4P-082341-1	UDOT Encroachment Permit to construct pipeline across UDOT property near Floy Wash	██████████, UDOT District Engineer	Permanent Easement to constructed water pipeline within 60' ROW and operated within 20' ROW; a completion report was submitted within required 30 days	██████████ (TAC)	N/A	Life of Project	N/A	US Department of Energy

Moab UMTRA Project Permits and Agreements										
Site	Type of Instrument	Agreement No.	Document Name	Issue Agency	Purpose	POC	Frequency of Renewal	Expiration Date	Agmt Cost	Issued To
66. Crescent Junction, UT, Disposal Site	Permit	4P-082364-0	UDOT Encroachment Permit to construct pipeline within UDOT ROW for SR-19 near City of Green River	██████████, UDOT District Engineer	Permanent Easement to constructed water pipeline within 60' ROW and operated within 20' ROW; a completion report needs to be submitted within required 30 days of completion of reclamation	██████████ (TAC)	N/A	Life of Project	N/A	US Department of Energy
67. Crescent Junction, UT, Disposal Site	Lease	Folder No. 2538-89	Track Lease of Main Cane Creek Line for Tailings Load out	██████████, Union Pacific Railroad	Agreement grants right to use main rail line at Emkay Mile Post 28.0, Cane Creek Subdivision, Moab, UT, for the DOE UMTRA Project. Annual Payment of \$53,700 plus adjustment paid 1/2015.	██████████ (TAC)	Annual payment	2015 annual payment due 12/31/2015.	\$53,700; plus annual adjustment	Portage, Inc.
68. Crescent Junction, UT, Disposal Site	Agreement	Folder No. 2537-02, Revised for 2010 construction	Industrial Track Contract for Railroad Spurs on Cane Creek Line for Tailings Disposal Site	██████████, Union Pacific Railroad	Covers Construction, Maintenance and Operation of 5,209-foot Track A, 3,524-foot Track B and 617-foot Track C at MP 533.21, Green River Subdivision, in CJ (Brendel) Utah; copy of revision in file	██████████ (TAC)	N/A	Life of Project	\$-	Portage, Inc.
69. Crescent Junction, UT, Disposal Site	Agreement	REEMCBCDOE-3-15-0702	Real Estate License with Rocky Mt. Power for powerline extension to dump ramp	Rocky Mt. Power/ DOE	Agreement to extend powerline and relocate transformer at the CJ disposal site dump ramp; Signed by Rocky Mt. Power and CBC 12/18/14	██████████ (TAC)	N/A	11-12-30	\$-	US Department of Energy
70. Crescent Junction, UT, Disposal Site	Easement	CIVIL NO. 1255	Title Package - T. G. Wimmer Family Property	Denver & Rio Grande Western Railroad Company	Title package and Condemnation for perpetual easement for railroad purposes on 26.28 acres at Crescent Junction, UT.	TAC	N/A	N/A	\$-	██████████, et al

<b>Moab UMTRA Project Permits and Agreements</b>										
Site	Type of Instrument	Agreement No.	Document Name	Issue Agency	Purpose	POC	Frequency of Renewal	Expiration Date	Agmt Cost	Issued To
71. Crescent Junction, Disposal Site	Easement	DE-RO01-06GJ68009	Access Roadway Contract and Grant of Easement – DE-RO01-06GJ68009	T.G. Wimmer Family Property	Perpetual easement and right-of-way for construction of an access roadway and related utilities at the Crescent Junction, UT, Disposal Site.	TAC	N/A	31-12-50	\$9,300.00	T. G. Wimmer Family Property, LLC
<b><u>GREEN RIVER</u></b>										
72. Green River, UT Site	Permit	SPK-2007-632	Corps of Engineers 404 Permit for construction of pump station on the Green River	██████████, Chief Western CO	To construct pump station on the Green River; permit was issued 10/30/08. Completion report submitted 3/12/09.	██████████ (TAC)	N/A	Life of Project	\$-	US Department of Energy
73. Green River, UT Site	Permit	08-92-01SA	Stream Channel Alteration Permit for construction of pump station on the Green River	██████████, UDWR	To construct pump station on the Green River. Completion report submitted 3/12/09.	██████████ (TAC)	N/A	Life of Project	\$-	US Department of Energy
74. Green River, UT Site	Biological Opinion	FWS/R6; 6-UT-06-F-014	US Fish & Wildlife Service; Green River Pump Station; Biological Opinion	██████████, Field Supervisor	USFWS issued Biological Opinion for Green River Pump Station based Wetlands Delineation and Biological Assessment reports; and has construction and operation stipulations	██████████ (TAC)	N/A	Life of Project	\$-	US Department of Energy
75. Green River, UT Site	Easement	400 00177	Easement from Utah Division of Forestry, Fire & State Lands for Water Pipeline in the Green River	██████████; Director	Right of way easement to construct and operate water pipeline in the Green River	██████████ (TAC)	N/A	14-10-28	\$200.00	US Department of Energy

**SECTION J – LIST OF ATTACHMENTS**

**ATTACHMENT J-3**

**LIST OF DELIVERABLES**

All required reports, plans, and other deliverable documents shall be provided to DOE electronically. In some cases, DOE may follow-up with a request for a different electronic format (e.g., MS Word vice PDF) or for a hardcopy. Omission of any deliverable from the List of Deliverables does not affect the obligation of the Contractor to comply with such requirement. Additionally, this list of deliverables does not account for those required under the EM Nationwide IDIQ Set-Aside Contract DE-EM0000842.

All contract deliverables listed in Attachment J-3 will include the CO and COR on distribution.

For deliverables with a Frequency of “Annually” and Due Date of “update as necessary”, the contractor shall review the deliverable annually (but may review it sooner), provide notification that the review has taken place, and either state that no revision is required or provide the revision (due by the anniversary date of the prior submittal).

#	Report	Reference	Frequency	Due Date	Approval or Information	DOE Recipient
1	Notification of exceeding 75% of the obligated funds for CLINs 0001 – 0005	B.03	Periodic	60 Days prior to exceeding 75% of obligated funds.	DOE Information	CO
2	Facilities & Ground Maintenance Program ( <i>One plan shall cover Moab and Crescent Junction, but shall delineate between the two.</i> )	C.3.1, C.4.1	Annually	Review by the anniversary date of submittal, update as necessary.	DOE Approval	FCD
3	Tailings Pile Management Plan: Planned excavation sequence, mixing of materials, segregation of oversize materials, and water management.	C.3.2	Annually	Review by the anniversary date of submittal, update as necessary.	DOE Approval	FCD
4	Interim Completion Reports: Document RRM disposed.	C.4.2	Annually	December 31	DOE Information	FCD
5	Waste Management Plan ( <i>One plan shall cover Moab and Crescent Junction, but shall delineate between the two sites.</i> )	C.3.2.1, C.4.3	Annually	Review by the anniversary date of submittal, update as necessary.	DOE Approval	FCD
6	Transportation Plan ( <i>One plan shall cover Moab and Crescent Junction, but shall delineate between the two</i> )	C.3.2.4	Annually	Review by the anniversary date of submittal, update as necessary.	DOE Approval	FCD
7	Contract Work Plan (CWP)	C.2.1, H.28	Annually	October 31	DOE Approval	FCD
8	Lifecycle Baseline (LCB) Change Proposal or LCB update, if required (to include a Risk Management Plan)	C.2.1, H.31	Annually or as requested	Initial submittal 90 days after task order effective date. Review by the anniversary date of submittal, update as necessary, or as requested.	DOE Approval	FCD

#	Report	Reference	Frequency	Due Date	Approval or Information	DOE Recipient
9	Weekly Project Status Report: Narrative report on project status and issues, including data on tons of RRM excavated, shipped and disposed.	C.3.2.f.	Weekly	Close of Business Friday	DOE Information	FCD
10	Monthly Progress Report	H.28	Monthly	The 18 <sup>th</sup> day of each calendar month.	DOE Information	FCD
11	Quality Assurance Plan: Assurance system per DOE Order 226.1. <i>(One plan shall cover Moab and Crescent Junction, but shall delineate between the two sites)</i>	C.3.2.5.8, C.4.6.8	Annually	Review by the anniversary date of submittal, update as necessary.	DOE Approval	FCD& EMCBC Office of Technical Support & Asset Management (OTSAM)
12	Health and Safety Plan <i>(One plan shall cover Moab and Crescent Junction, but shall delineate between the two) – Part of the ESH&amp;Q Program</i>	C.3.2.5.4	Annually	Review by the anniversary date of submittal, update as necessary.	DOE Approval	FCD & EMCBC OTSAM
13	Emergency/Incident Response Plan <i>(One plan shall cover Moab and Crescent Junction, but shall delineate between the two) – Part of the ESH&amp;Q Program</i>	C.3.2.5.4	Annually	Review by the anniversary date of submittal, update as necessary.	DOE Approval	FCD
14	Integrated Safety Management System Description <i>(One plan shall cover Moab and Crescent Junction, but shall delineate between the two sites)</i>	C.3.2.5.5, C.4.6.5	Annually (Joint document – TAC submission)	Review by the anniversary date of submittal, update as necessary.	DOE CO Approval (based on OTSAM review/ recommend)	CO, FCD & EMCBC OTSAM
15	Radiation Protection Program <i>(One plan shall cover Moab and Crescent Junction, but shall delineate between the two sites)</i>	C.3.2.5.6, C.4.6.6	Annually	Review by the anniversary date of submittal, update as necessary.	DOE Approval	FCD & EMCBC OTSAM
16	Worker Safety and Health Program Description	H.07	Periodic (Joint document – TAC submission)	Within 60 days of task order effective date or upon request.	DOE FCD Approval (based on OTSAM review/ recommend)	EMCBC Director, FCD, ESH&QA Manager, & OTSAM
17	Confirmation of completion of DOE provided security and/or safety training	H.10	One time	Within 30 days after the effective date of this task order.	DOE Information	CO
18	Employee Concerns Program Implementation Plan	H.11	One time	Within 90 days of the effective date of the task order	DOE Approval	CO

#	Report	Reference	Frequency	Due Date	Approval or Information	DOE Recipient
19	Mutual Detailed Plan for Phase-Out and Phase-In Operations	H.21	One time	Within 30 days of task order expiration.	DOE Approval	CO
20	Business Ethics Awareness and Compliance Program	FAR 52.203-13, Contractor Code of Business Ethics and Conduct (APR 2010)	One time	Within 90 days of task order effective date.	DOE Information	CO
21	Reporting Executive Compensation and First Tier Subcontract Awards	FAR 52.204-10 Reporting Executive Compensation and First-Tier Subcontract Awards (JUL 2013)	One time	Within 30 days of task order effective date.	DOE Information	CO
22	Service Contract Reporting Requirements	FAR 52.204-14 Service Contract Reporting Requirements	Annually	October 31	DOE Information	Electronic submittal via sam.gov
23	Update of Publicly Available Information Regarding Responsibility Matters	FAR 52.209-9 Updates of Publicly Available Information Regarding Responsibility Matters (JUL 2013)	Semi-Annually		DOE Information	Electronic submittal via sam.gov
24	Equal Employment Report (EEO-1)	FAR 52.222-26 Equal Opportunity (APR 2015)	Annually	September 30	DOE Information	Electronic submittal via DOL.gov
25	Affirmative Action Plan for Females, Minorities, Veterans, and Workers with Disabilities.	FAR 52.222-26 Equal Opportunity (APR 2015); FAR 52.222-35 Equal Opportunity for Veterans (JUL 2014) FAR 52.222-36 Equal Opportunity for Workers with Disabilities (JUL 2014)	One time	Within 30 days of task order effective date	DOE Approval	CO
26	Federal Contractor Veterans' Employment Report (VETS-4212)	FAR 52.222-37 Employment Reports on Veterans (JUL 2014)	Annually	September 30	DOE Information	Electronic submittal via DOL.gov
27	Certificate of Insurance	FAR 52.228-5, Insurance – Work on a Government Installation (JAN 1997)	Annually	June 30	DOE Information	CO

#	Report	Reference	Frequency	Due Date	Approval or Information	DOE Recipient
28	Contractor Electronic Funds Transfer Information Contained in SAM Database	FAR 52.232-33 Payment by Electronic Funds Transfer- System for Award Management (JUL 2013)	Annually	Provide confirmation to DOE CO (updates as necessary)	DOE Information	Electronic submittal via sam.gov
29	Property Management Plans, Systems, and Procedures	FAR 52.245-1 Government Property (APR 2012) ALT I (APR 2012)	Annually (Joint – TAC submission)	Anniversary of the effective date of the task order and update as applicable.	DOE Information	CO & Assigned Property Administrator (TAC)
30	Final physical completion or termination inventory	FAR 52.245-1 Government Property (APR 2012) ALT I (APR 2012)	One time	Upon task order completion	DOE Information	CO & Assigned Property Administrator (TAC)
31	Cyber Security Program Plan	DEAR 952.204-77 Computer Security (AUG 2006); DOE O 205.1B Chg 3	One time (TAC submission)	Within 30 days of task order effective date	DOE Approval	CO & EMCBC Designated Authorizing Authority
32	Management Program and Implementation Plan	DEAR 952.223-72, Radiation Protection and Nuclear Criticality (APR 1984)	One time	Within 30 days of task order effective date	DOE Approval	CO
33	Employee Assistance Program Implementation Plan	DOE O 350.1 Chg 5	One time	Within 30 days of task order effective date	DOE Approval	CO & EMCBC Contractor Industrial Relations Specialist

## SECTION J – LIST OF ATTACHMENTS

### ATTACHMENT J-4

#### KEY PERSONNEL MINIMUM LABOR QUALIFICATIONS

For the performance of the PWS, the Contractor shall provide a Project Manager, Moab Operations/Site Manager, Crescent Junction Operations/Site Manager, and ESH&Q Manager with the minimum labor qualifications specified below.

#### KEY POSITIONS

##### Project Manager:

The PM shall have, as a minimum, the following qualifications and experience:

- Bachelor of Engineering or Bachelor of Science Degree, equivalency to be considered.
- A minimum of 10 years of experience in management of radioactive waste excavation, waste handling, waste management, and landfill operations.
- A minimum of 5 years of experience in the management of remediation activities on DOE projects (additional experience is preferred).
- Professional registration, in their respective field, where applicable or available, or certification as a Project Management Professional (PMP)
- Demonstrated ability to manage project costs and project schedule, including experience with cost reimbursable and/or fixed price contracts under a U.S. federal agency contract.
- Demonstrated ability to manage an organization of over 75 personnel with diverse backgrounds/skills/experience.

##### Moab Operations/Site Manager:

The Moab Operations/Site Manager shall have, as a minimum, the following qualifications and experience:

- Bachelor of Engineering or Bachelor of Science Degree, equivalency to be considered.
- A minimum of 8 years of experience in management of radioactive waste excavation, waste handling, waste management, and/or landfill operations.
- A minimum of 2 years of experience in the management of remediation activities on DOE projects (additional experience is preferred).
- Professional registration, in their respective field, where applicable or available, or certification as a PMP.
- Demonstrated ability to manage project costs and project schedule, including experience with cost reimbursable and/or fixed price contracts under a U.S. federal agency contract.
- Demonstrated ability to manage an organization of over 50 personnel with diverse backgrounds/skills/experience.

**Crescent Junction Operations/Site Manager:**

The CJ Operations/Site Manager shall have, as a minimum, the following qualifications and experience:

- Bachelor of Engineering or Bachelor of Science Degree, equivalency to be considered.
- A minimum of 8 years of experience in management of radioactive waste excavation, waste handling, waste management, and/or landfill operations.
- A minimum of 2 years of experience in the management of remediation activities on DOE projects (additional experience is preferred).
- Professional registration, in their respective field, where applicable or available, or certification as a PMP
- Demonstrated ability to manage project costs and project schedule, including experience with cost reimbursable and/or fixed price contracts under a U.S. federal agency contract.
- Demonstrated ability to manage an organization of over 20 personnel with diverse backgrounds/skills/experience.

**ESH&Q Manager:**

The ESH&Q Manager shall have, as a minimum, the following qualifications and experience:

- Bachelor of Science degree and 6 years of relevant experience (or combination of education and experience).
- Demonstrated ability to interpret regulations, and company/customer environmental safety & health, quality assurance, and radiological control requirements for dissemination to project personnel.
- Ability to interface with customer environmental safety & health, quality assurance, and radiological control personnel on a daily basis.
- Extensive knowledge and experience identifying hazards, corrective actions, and using industrial hygiene and radiological instruments.
- Must be capable of working independently.
- Excellent organization and communication skills.
- Must be able to handle multiple tasks and projects while meeting identified deadlines.
- Experience using industrial hygiene monitoring equipment
- RAD Worker Level II
- OSHA 40-Hr. HAZWOPER & 8-Hr. Supervisor
- Excavation Competent Person
- First Aid/CPR/AED.
- Certification in hoisting and rigging operations, and/or operating heavy equipment, and a certification in Applied Health Physics (CHP) is strongly preferred.

**SECTION J – LIST OF ATTACHMENTS**

**ATTACHMENT J-5**

**GOVERNMENT FURNISHED PROPERTY AND INFORMATION LIST**

**[Please see below list and corresponding attachments]**

The Government Furnished Property and Information List is subject to change prior to the effective date of the period of performance of this task order.

**Moab, UT, Personal Property Inventory**

Identifier	Official Name	Manufacturer	Model Number Name	Serial Number/ Dell Service Tag Number/VIN	Other Identifier	Asset Value	Acquisition Date	RAC/TAC/DOE	Condition Code	Site	S1 Value (Bldg)
C2843	Bulldozer	Caterpillar	D-6	9U7658		\$11,359 00	1-1-1956	RAC	7	Moab, UT	Site
M01037	Server	Dell	PE2950	4G96FD1	9690004549	\$5,157 00	8-3-2007	TAC	4	Moab, UT	Communications
M01046	Computer	Dell	OptiPlex 745	3P5WND1	8051922757	\$835 00	9-13-2007	RAC	4	Moab, UT	Queue Access Control
M01048	Computer	Dell	OptiPlex 745	5N5WND1	12284555077	\$835 00	9-13-2007	TAC	4	Moab, UT	Communications
M01050	Computer	Dell	OptiPlex 745	HN5WND1	38405943109	\$835 00	13-09-07	DOE	4	Moab, UT	DOE
M01062	Vehicle	Chevrolet	1990 Blazer 1500	1GNEV18KXMF139890	E71566	\$2,500 00	1-1-1990	RAC	4	Moab, UT	Site
M01077	Counter, Alpha/Beta	Canberra	SOLO300G	02084926		\$15,000 00	3-11-2008	RAC	4	Moab, UT	Access Control
M01078	Meter	Pylon	WLX6204610	188		\$17,035 00	6-10-2008	RAC	4	Moab, UT	Access Control
M01079	Meter	Pylon	WLX6204610	189		\$17,035 00	6-10-2008	RAC	4	Moab, UT	Access Control
M01084	Computer	Dell	OptiPlex 755	HFJTDG1	37945575505	\$1,046 00	6-5-2008	RAC	4	Moab, UT	Queue Access Control
M01085	Computer	Dell	OptiPlex 755	98LTDG1	20111412817	\$1,046 00	6-5-2008	RAC	4	Moab, UT	Access Control
M01086	Computer	Dell	OptiPlex 755	8GJTDG1	18415000657	\$1,046 00	6-5-2008	TAC	4	Moab, UT	Communications
M01089	Computer	Dell	OptiPlex 755	JPJTDG1	42299140177	\$1,046 00	6-5-2008	RAC	4	Moab, UT	Access Control
M01100	Computer	Dell	OptiPlex 755	BPDTOG1	25479482401	\$1,046 00	7-7-2008	RAC	4	Moab, UT	Access Control
M01108	Radio Repeater	Midland	91-1110B	231800021	FCC#MMA911110B	\$8,907 81	9-1-2008	TAC	4	Moab, UT	Communications
M01114	Power Washer	Landa	HHW 4/4000	11100470-100036	109FS12231U021626	\$10,360 00	10-14-2008	RAC	4	Moab, UT	Site
M01117	Meter	Pylon	WLX6204610	190		\$17,035 00	11-13-2008	RAC	4	Moab, UT	Access Control
M01118	Meter	Pylon	WLX6204610	191		\$17,035 00	11-13-2008	RAC	4	Moab, UT	Access Control
M01119	Container Rack	Pacific Central Steel	NMN	NSN		\$13,275 00	3-1-2009	RAC	4	Moab, UT	Queue Site
M01120	Container Rack	Pacific Central Steel	NMN	NSN		\$13,275 00	3-1-2009	RAC	4	Moab, UT	Queue Site
M01121	Container Rack	Pacific Central Steel	NMN	NSN		\$13,275 00	3-1-2009	RAC	4	Moab, UT	Queue Site

**Moab, UT, Personal Property Inventory**

Identifier	Official Name	Manufacturer	Model Number Name	Serial Number/ Dell Service Tag Number/VIN	Other Identifier	Asset Value	Acquisition Date	RAC/TAC/DOE	Condition Code	Site	S1 Value (Bldg)
M01122	Container Rack	Pacific Central Steel	NMN	NSN		\$13,275 00	3-1-2009	RAC	4	Moab, UT	Queue Site
M01123	Container Rack	Pacific Central Steel	NMN	NSN		\$13,275 00	3-1-2009	RAC	4	Moab, UT	Queue Site
M01124	Container Rack	Pacific Central Steel	NMN	NSN		\$13,275 00	3-1-2009	RAC	4	Moab, UT	Queue Site
M01125	Container Rack	Pacific Central Steel	NMN	NSN		\$13,275 00	3-1-2009	RAC	4	Moab, UT	Queue Site
M01126	Container Rack	Pacific Central Steel	NMN	NSN		\$13,275 00	3-1-2009	RAC	4	Moab, UT	Queue Site
M01145	Computer	Dell	OptiPlex 760	J9NCNK1	41942281537	\$829 00	8-3-2009	RAC	4	Moab, UT	Access Control
M01163	Computer	Dell	OptiPlex 760	C7NCNK1	26583872833	\$829 00	8-3-2009	RAC	4	Moab, UT	Communications
M01176	Computer	Dell	OptiPlex 760	48NCNK1	9230080321	\$829 00	8-3-2009	TAC	4	Moab, UT	Field Services Lab
M01183	Computer	Dell	OptiPlex 760	D5NCNK1	28639722817	\$829 00	8-3-2009	TAC	4	Moab, UT	Project Support 2
M01191	Tractor	John Deere	3720	LV3720H522730		\$22,000 00	9-10-2009	TAC	4	Moab, UT	Maintenance Tent
M01192	Scintillometer	Delta Epsilon	SC-133	107		\$5,490 00	9-10-2009	TAC	4	Moab, UT	Field Services
M01193	Scintillometer	Delta Epsilon	SC-133	108		\$5,490 00	9-10-2009	TAC	4	Moab, UT	Field Services
M01194	Scintillometer	Delta Epsilon	SC-133	106		\$5,490 00	9-10-2009	TAC	4	Moab, UT	Field Services
M01195	Scintillometer	Delta Epsilon	SC-133	109		\$5,490 00	9-10-2009	TAC	4	Moab, UT	Field Services
M01197	Evaporation System	Landshark	LS	08ZB0055		\$22,400 00	24-09-09	TAC	4	Moab, UT	Site
M01198	Evaporation System	Landshark	LS	08ZB0066		\$22,400 00	13-10-09	TAC	4	Moab, UT	Site
M01204	Soil Compactor	Humboldt	H-4169	205092202		\$6,900 00	25-11-09	RAC	4	Moab, UT	Atlas Bldg
M01211	Laptop Computer	Panasonic	CF30	9GKYA65317	Toughbook	\$3,250 00	#####	RAC	4	Moab, UT	Maintenance
M01212	Laptop Computer	Panasonic	CF30	9FKYA62226	Toughbook	\$3,250 00	29-12-09	RAC	4	Moab, UT	Project Support 2
M01240	Vehicle	Jeep	1980 Utility Pickup	JOE46YN032877	E303615	\$10,267 00	3-3-2010	RAC	4	Moab, UT	Site
M01246	Construction Camera	EarthCam	DC-09324	AAU-CGU4		\$5,246 25	17-02-10	TAC	4	Moab, UT	Site
M01250	Laptop Computer	Dell	Latitude E6500	CZX5QL1	28293399253	\$1,191 00	05-04-10	TAC	4	Moab, UT	Field Services
M01251	Laptop Computer	Dell	Latitude E6400	7H3LQL1	16271454421	\$1,169 00	08-04-10	TAC	4	Moab, UT	Communications
M01253	Gantry Crane	Taylor	RTG10042	SF736223		\$992,875 00	5-3-2010	RAC	4	Moab, UT	Site
M01257	Trailer, Water 6200 gal	Bar-bell Fabricating Co	103-SM	4BUEED1B4RB944640	E00037T	\$25,950 00	5-17-2010	RAC	4	Moab, UT	Site
M01258	Vehicle	Ford	Expedition	1FMPU16L31LB20767	E303617	\$25,595 00	1-1-2001	RAC	4	Moab, UT	Site
M01259	Vehicle	Chevrolet	Blazer	1GNDD13W12K224388	E303616	\$18,896 09	01-01-02	RAC	4	Moab, UT	Site
M01260	Pump, 4" Trash	Gorman Rupp	PA4A60-4045D	PE4045D459393	1323469	\$11,058 98	1-1-2009	RAC	4	Moab, UT	Site

**Moab, UT, Personal Property Inventory**

Identifier	Official Name	Manufacturer	Model Number Name	Serial Number/ Dell Service Tag Number/VIN	Other Identifier	Asset Value	Acquisition Date	RAC/TAC/DOE	Condition Code	Site	S1 Value (Bldg)
M01269	Light Tower	Wacker Neuson	LTN6L	5923880		\$7,552 58	8-31-2010	RAC	4	Moab, UT	Site
M01270	Light Tower	Wacker Neuson	LTN6L	5923879		\$7,552 58	8-31-2010	RAC	4	Moab, UT	Site
M01271	Generator	Wacker	MET2E7	5563348	85 KVA	\$15,250 00	25-08-10	RAC	4	Moab, UT	Site
M01286	Data Phone	Sprint	EVO 4G	270113179910754944	9704242226	\$199 99	16-11-10	RAC	4	Moab, UT	Queue Project Support
M01295	Vehicle	Chevrolet	Suburban 1993	1GN GK26N4PJ349620	E303611	\$3,800 00	2-1-2011	RAC	4	Moab, UT	Site
M01302	Welder	Miller	Vantage 400	LK500115H		\$10,644 54	2-1-2009	RAC	4	Moab, UT	Site
M01303	Detector, Gamma	Canberra	GC3020	9826		\$73,991 00	28-01-11	RAC	4	Moab, UT	Field Services Lab
M01307	Laptop Computer	Dell	Latitude E6510	DVJZDP1	30206185237	\$1,374 27	07-04-11	RAC	4	Moab, UT	Atlas Bldg
M01308	Laptop Computer	Dell	Latitude E6510	DVKOFP1	30206234485	\$1,374 27	07-04-11	RAC	4	Moab, UT	Administrative
M01310	ATV	Polaris	Ranger Crew 800	4XAWY76A4B2243949		\$15,627 00	11-04-11	TAC	4	Moab, UT	Maintenance Tent
M01311	ATV	Polaris	Ranger Crew 800	4XATY76A0B2245054		\$15,332 00	09-05-11	TAC	4	Moab, UT	Maintenance Tent
M01319	Wireless Data Assistant	Motorola	MC75 EDA	11130522500851		\$1,655 29	30-06-11	RAC	4	Moab, UT	Queue Project Support
M01320	Server	Dell	PE R710	FSZXWQ1		\$9,741 00	20-09-11	TAC	4	Moab, UT	Communications
M01321	Vehicle	Chrysler	Ram 250 Van	2B4HB25Y6RK126878	E22813	\$1,112 00	#####	RAC	4	Moab, UT	Site
M01324	Whole Body Monitor	Eberline	PCM1B	1022		\$9,700 00	01-03-10	RAC	4	Moab, UT	Queue Access Control
M01325	Whole Body Monitor	Eberline	PCM1B	1026		\$9,700 00	01-03-10	RAC	4	Moab, UT	Queue Access Control
M01327	Heater	Allmand	MH500	0254MXH08		\$16,500 00	3-23-2010	RAC	4	Moab, UT	Site
M01328	Photometer	ATI	2H-N	21213		\$7,852 00	03-03-11	RAC	4	Moab, UT	Access Control
M01337	Data Phone	Sprint	HTC C715C	270113179914639636	9705892924	\$99 99	27-04-12	RAC	4	Moab, UT	Project Support 1
M01340	Air Compressor	Sullivan	D210Q	303032		\$3,500 00	01-01-99	RAC	4	Moab, UT	Site
M01341	Data Phone	Sprint	HTC C715C	270113179914643930	9704244357	\$99 99	09-05-12	RAC	1	Moab, UT	Administrative
M01342	Excavator w/ Shear	Hitachi	400LC3	166-5266		\$35,000 00	01-01-95	RAC	4	Moab, UT	Site
M01347	Data Phone	Sprint	HTC X325C	256691415008422770	9709856257	\$199 99	26-09-12	RAC	1	Moab, UT	Project Support 2
M01348	Power Washer	Landa	HHW 5/5000	1212-161984	109FS102XCU021108	\$15,382 00	11-12-12	RAC	1	Moab, UT	Site
M01352	Data Phone	Sprint	HTC X325C	256691414908983623	9704243846	\$99 99	10-01-12	TAC	1	Moab, UT	Field Services
M01355	Data Phone	Sprint	HTC X325C	256691415009664307	9707787398	\$99 99	11-04-13	TAC	1	Moab, UT	Communications
M01356	Counter, Low Background	Protean	IPC9025	425540		\$36,000 00	15-05-94	RAC	4	Moab, UT	Access Control
M01357	Data Phone	Sprint	HTC 801C	256691437406649952	9702017446	\$99 99	24-05-13	RAC	1	Moab, UT	Queue Project Support

**Moab, UT, Personal Property Inventory**

Identifier	Official Name	Manufacturer	Model Number Name	Serial Number/ Dell Service Tag Number/VIN	Other Identifier	Asset Value	Acquisition Date	RAC/TAC/DOE	Condition Code	Site	S1 Value (Bldg)
M01375	Computer	Dell	OPTIPLEX 7010	BBBD6Y1	24628824937	\$768 00	10-07-13	TAC	1	Moab, UT	Field Services
M01378	Computer	Dell	OPTIPLEX 7010	BB8G6Y1	24623926057	\$768 00	10-07-13	TAC	1	Moab, UT	Communications
M01380	Computer	Dell	OPTIPLEX 7010	BB8F6Y1	24623879401	\$768 00	10-07-13	TAC	1	Moab, UT	Project Support 2
M01381	Computer	Dell	OPTIPLEX 7010	BBGD6Y1	24637223017	\$768 00	10-07-13	TAC	1	Moab, UT	Project Support 2
M01382	Computer	Dell	OPTIPLEX 7010	BBDG6Y1	24632324137	\$768 00	10-07-13	TAC	1	Moab, UT	Field Services Lab
M01383	Computer	Dell	OPTIPLEX 7010	BBFG6Y1	24635683369	\$768 00	10-07-13	TAC	4	Moab, UT	Field Services
M01385	Forklift	Hyster	H155XL	F006D05620X		\$12,000 00	01-01-09	RAC	4	Moab, UT	Site
M01392	Data Phone	Sprint	HTC X325C	256691415001676818	9709883014	\$99 99	06-11-13	RAC	1	Moab, UT	Project Support 2
M01393	Data Phone	Sprint	HTC X325C	256691415001676404	9705892661	\$99 99	13-01-14	RAC	1	Moab, UT	Queue Access Control
M01394	Data Phone	Sprint	HTC 801C	256691511208724652	9704336989	\$99 99	18-02-14	RAC	1	Moab, UT	Project Support 1
M01400	Server	Supermicro	XEON E3	01-SC82569-XX00C103-02	DPM2	\$2,397 49	04-06-14	TAC	1	Moab, UT	Communications
M01402	Laptop Computer	Dell	Latitude 15 5000	CWLRD12	28092854198	\$870 57	11-06-14	RAC	4	Moab, UT	Queue Access Control
M01404	Computer	Dell	Precision T1700	9YORW12	21648192230	\$834 75	27-06-14	RAC	1	Moab, UT	Access Control
M01406	Computer	Dell	Precision T1700	9Y8RW12	21661629158	\$834 75	27-06-14	RAC	4	Moab, UT	Project Support 1
M01408	Computer	Dell	Precision T1700	9Y8QW12	21661582502	\$834 75	27-06-14	RAC	4	Moab, UT	Queue Project Support
M01410	Computer	Dell	Precision T1700	9Y1RW12	21649871846	\$834 75	27-06-14	RAC	4	Moab, UT	Access Control
M01412	Computer	Dell	Precision T1700	9Y0SW12	21648238886	\$834 75	27-06-14	RAC	1	Moab, UT	Access Control
M01413	Computer	Dell	Precision T1700	9XTQW12	21636388262	\$834 75	27-06-14	RAC	1	Moab, UT	Project Support 1
M01414	Computer	Dell	Precision T1700	9XSQW12	21634708646	\$834 75	27-06-14	DOE	4	Moab, UT	DOE
M01415	Computer	Dell	Precision T1700	9XSRW12	21634755302	\$834 75	27-06-14	RAC	4	Moab, UT	Queue Access Control
M01416	Computer	Dell	Precision T1700	9XTPW12	21636341606	\$834 75	27-06-14	RAC	4	Moab, UT	Project Support 1
M01417	Computer	Dell	Precision T1700	9XYRW12	21644832998	\$834 75	27-06-14	RAC	4	Moab, UT	Project Support 2
M01418	Computer	Dell	Precision T1700	9Y7RW12	21659949542	\$834 75	27-06-14	RAC	4	Moab, UT	Project Support 2
M01419	Computer	Dell	Precision T1700	9Y2QW12	21651504806	\$834 75	27-06-14	RAC	4	Moab, UT	Project Support 1
M01420	Computer	Dell	Precision T1700	9WZRW12	21586046438	\$834 75	27-06-14	DOE	4	Moab, UT	DOE
M01421	Computer	Dell	Precision T1700	9Y0QW12	21648145574	\$834 75	27-06-14	RAC	4	Moab, UT	Maintenance
M01423	Computer	Dell	Precision T1700	9XCSW12	21607928102	\$834 75	27-06-14	RAC	4	Moab, UT	Administrative
M01424	Computer	Dell	Precision T1700	9Y9SW12	21663355430	\$834 75	27-06-14	RAC	4	Moab, UT	Project Support 2

**Moab, UT, Personal Property Inventory**

Identifier	Official Name	Manufacturer	Model Number Name	Serial Number/ Dell Service Tag Number/VIN	Other Identifier	Asset Value	Acquisition Date	RAC/TAC/DOE	Condition Code	Site	S1 Value (Bldg)
M01429	Computer	Dell	Precision T1700	9X2QW12	21591038630	\$834 75	27-06-14	RAC	4	Moab, UT	Project Support 1
M01430	Computer	Dell	Precision T1700	9XVRW12	21639794150	\$834 75	27-06-14	RAC	4	Moab, UT	Administrative
M01432	Computer	Dell	Precision T1700	9X1QW12	21589359014	\$834 75	27-06-14	RAC	4	Moab, UT	Project Support 1
M01433	Computer	Dell	Precision T1700	9X7QW12	21599436710	\$834 75	27-06-14	RAC	4	Moab, UT	Administrative
M01434	Computer	Dell	Precision T1700	9XH5W12	21616326182	\$834 75	27-06-14	RAC	4	Moab, UT	Administrative
M01435	Computer	Dell	Precision T1700	9XGQW12	21614553254	\$834 75	27-06-14	RAC	4	Moab, UT	Queue Access Control
M01436	Computer	Dell	Precision T1700	9XJSW12	21619685414	\$834 75	27-06-14	TAC	4	Moab, UT	Communications
M01437	Computer	Dell	Precision T1700	9XZQW12	21646465985	\$834 75	27-06-14	RAC	4	Moab, UT	Administrative
M01438	Computer	Dell	Precision T1700	9XGPW12	21614506598	\$834 75	27-06-14	RAC	4	Moab, UT	Queue Access Control
M01439	Computer	Dell	Precision T1700	9X0QW12	21587679398	\$834 75	27-06-14	RAC	4	Moab, UT	Queue Access Control
M01440	Computer	Dell	Precision T1700	9XFQW12	21612873638	\$834 75	27-06-14	TAC	4	Moab, UT	Field Services
M01444	Computer	Dell	Precision T1700	9XGSW12	21614646566	\$834 75	27-06-14	TAC	4	Moab, UT	Field Services
M01445	Computer	Dell	Precision T1700	9XWQW12	21641427110	\$834 75	27-06-14	RAC	4	Moab, UT	Queue Access Control
M01447	Computer	Dell	Precision T1700	9XHPW12	21616186214	\$834 75	27-06-14	RAC	4	Moab, UT	Guard Shack
M01450	Computer	Dell	Precision T1700	9X6QW12	21597757094	\$834 75	27-06-14	RAC	4	Moab, UT	Queue Project Support
M01451	Computer	Dell	Precision T1700	9XTRW12	21636434918	\$834 75	27-06-14	RAC	4	Moab, UT	Queue Project Support
M01453	Computer	Dell	Precision T1700	9X2SW12	21591131942	\$834 75	27-06-14	RAC	4	Moab, UT	Queue Project Support
M01454	Computer	Dell	Precision T1700	9XDRW12	21609561062	\$834 75	27-06-14	RAC	4	Moab, UT	Queue Project Support
M01456	Computer	Dell	Precision T1700	9Y8SW12	21661675814	\$834 75	27-06-14	RAC	4	Moab, UT	Access Control
M01457	Computer	Dell	Precision T1700	9XJQW12	21619592102	\$834 75	27-06-14	RAC	4	Moab, UT	Project Support 1
M01458	Computer	Dell	Precision T1700	9XHRW12	21616279526	\$834 75	27-06-14	RAC	4	Moab, UT	Access Control
M01460	Computer	Dell	Precision T1700	9XDQW12	21609514406	\$834 75	27-06-14	RAC	1	Moab, UT	Atlas Building
M01461	Computer	Dell	Precision T1700	9XBSW12	21606248486	\$834 75	27-06-14	TAC	1	Moab, UT	Field Services
M01463	Computer	Dell	Precision T1700	9XBRW12	21606201830	\$834 75	27-06-14	RAC	4	Moab, UT	Project Support 1
M01465	Computer	Dell	Precision T1700	9XJPW12	21619545446	\$834 75	27-06-14	RAC	4	Moab, UT	Access Control
M01469	Computer	Dell	Precision T1700	9XFPW12	21612826982	\$834 75	27-06-14	RAC	4	Moab, UT	Project Support 2
M01470	Computer	Dell	Precision T1700	9X6SW12	21597850406	\$834 75	27-06-14	RAC	4	Moab, UT	Administrative
M01471	Computer	Dell	Precision T1700	9X4RW12	21594444518	\$834 75	27-06-14	TAC	1	Moab, UT	Project Support 2

**Moab, UT, Personal Property Inventory**

Identifier	Official Name	Manufacturer	Model Number Name	Serial Number/ Dell Service Tag Number/VIN	Other Identifier	Asset Value	Acquisition Date	RAC/TAC/DOE	Condition Code	Site	S1 Value (Bldg)
M01472	Computer	Dell	Precision T1700	9X3QW12	21592718246	\$834 75	27-06-14	RAC	4	Moab, UT	Project Support 2
M01474	Computer	Dell	Precision T1700	9XVPW12	21639700838	\$834 75	27-06-14	RAC	4	Moab, UT	Project Support 1
M01475	Computer	Dell	Precision T1700	9XVQW12	21639747494	\$834 75	27-06-14	RAC	4	Moab, UT	Project Support 2
M01476	Computer	Dell	Precision T1700	9Y1SW12	21649918502	\$834 75	27-06-14	RAC	4	Moab, UT	Queue Project Support
M01477	Computer	Dell	Precision T1700	9X4SW12	21594491174	\$834 75	27-06-14	RAC	4	Moab, UT	Queue Project Support
M01478	Computer	Dell	Precision T1700	9XJRW12	21619638758	\$834 75	27-06-14	RAC	4	Moab, UT	Queue Project Support
M01483	Computer	Dell	Precision T1700	9X0SW12	21587772710	\$834 75	27-06-14	RAC	4	Moab, UT	Project Support 1
M01484	Computer	Dell	Precision T1700	9XCRW12	21607881446	\$834 75	27-06-14	RAC	4	Moab, UT	Project Support 1
M01487	Computer	Dell	Precision T1700	9Y9RW12	21663308774	\$834 75	27-06-14	RAC	4	Moab, UT	Administrative
M01489	Data Phone	Sprint	HTC 801C	256691511208679000	9705892974	\$0 99	07-07-14	RAC	1	Moab, UT	Administrative
M01490	Vehicle	Chevrolet	Tahoe	1GNEK13Z06J122612		\$23,612 79	01-01-05	RAC	4	Moab, UT	Site
M01491	Hillside Monitoring System	Reutech	MSR 120RM	011		\$298,750 00	19-01-15	TAC	1	Moab, UT	Site
M01492	Vehicle	Dodge	Durango	1B4HS48Z02F154860		\$4,900 00	01-01-02	RAC	4	Moab, UT	Site
M01494	Personnel Shelter	Hausner	NMN	NSN		\$7,195 00	29-01-15	RAC	1	Moab, UT	Site
M01495	Laptop Computer	Dell	Latitude 15 5000	4NZ7L32	10156991870	\$749 00	17-03-15	TAC	1	Moab, UT	Project Support 2
M01496	Laptop Computer	Dell	Latitude 15 5000	1Y57L32	4241384318	\$749 00	17-03-15	RAC	1	Moab, UT	Project Support 1
M01498	Articulated Truck	Komatsu	HM350	2063		\$160,000 00	01-01-06	RAC	4	Moab, UT	Site
M01499	Articulated Truck	Komatsu	HM350	A11100		\$220,000 00	01-01-09	RAC	4	Moab, UT	Site
M01500	Articulated Truck	Komatsu	HM350	A11097		\$220,000 00	01-01-09	RAC	4	Moab, UT	Site
M01501	Excavator	Komatsu	PC400	A88159		\$135,000 00	01-01-08	RAC	4	Moab, UT	Site
M01502	Truck	Chevrolet	1500	1GCEK19TX4E289349		\$3,000 00	01-01-04	RAC	4	Moab, UT	Site
M01503	Truck	Ford	F150	1FTRW08LX3KC46633		\$4,000 00	01-01-03	RAC	4	Moab, UT	Site
M01505	Data Phone	Sprint	HTC831C	256691522504601673	5054127983	\$99 99	01-06-15	RAC	1	Moab, UT	Project Support 1
M01506	Truck	GMC	Topkick	1GDG6H1J4MJ528238		\$20,500 00	01-01-91	RAC	4	Moab, UT	Site
M01507	Data Phone	Sprint	HTC 831C	256691522504556103	9707786372	\$99 99	17-06-15	RAC	1	Moab, UT	Queue Access Control
S12379	Mule	Kawasaki	KAF300A1	JK1AFBA15MB503145		\$3,409 00	7-16-1992	RAC	4	Moab, UT	Site
S12582	Mule	Kawasaki	KAF300A1	JK1AFBA15MB503906		\$3,409 00	9-1-1992	RAC	4	Moab, UT	Site

**Moab, UT, Personal Property Inventory**

Identifier	Official Name	Manufacturer	Model Number Name	Serial Number/ Dell Service Tag Number/VIN	Other Identifier	Asset Value	Acquisition Date	RAC/TAC/DOE	Condition Code	Site	S1 Value (Bldg)
S15846	Detector, 4000CC	Geotech	ATV-LX	1		\$20,000 00	3-14-1997	TAC	4	Moab, UT	Sealand
S15848	Detector, 4000CC	Geotech	ATV-LX	3		\$20,000 00	3-14-1997	TAC	4	Moab, UT	Sealand
S16112	CBX Phone System	Rolm	10	55150/51291		\$37,000 00	9-12-1995	TAC	4	Moab, UT	Communications
S16499	Whole Body Monitor	Aptec	PMW-3	9604-030		\$46,900 00	8-7-1996	RAC	4	Moab, UT	Atlas
S18600	GPS Data Collector	Trimble	PRO XR	220182833		\$11,411 00	#####	TAC	4	Moab, UT	Field Services Lab
S18894	Meteorological Station	Campbell	CR23X			\$5,812 00	9-6-2005	RAC	4	Moab, UT	Site
S19607	Truck, Water 4000 gal	Peterbilt	1989 Conventional 377	1XPCD29X3KD283999		\$32,750 00	11-4-2002	RAC	4	Moab, UT	Site
S19804	Laptop Computer	Fujitsu	ST5021D-	R5202973		\$2,800 00	2-14-2005	TAC	4	Moab, UT	Field Services Lab
S19805	Laptop Computer	Fujitsu	ST5021D-	R5202974		\$2,800 00	2-14-2005	TAC	4	Moab, UT	Field Services Lab
S20141	Portable Radiation Monitor	Pylon	AB-5	1306		\$5,500 00	1-24-2006	RAC	4	Moab, UT	Atlas Bldg
S20142	Portable Radiation Monitor	Pylon	AB-5	1307		\$5,500 00	1-24-2006	RAC	4	Moab, UT	Atlas Bldg
S20166	Truck, Water 4000 gal	Peterbilt	2004 Conventional	2NPLD9X74M827435		\$37,500 00	9-23-2005	RAC	4	Moab, UT	Site
S20219	ATV	Yamaha	YXR666FAVGR-	5Y4AM04Y46A025423		\$8,389 00	3-14-2006	TAC	4	Moab, UT	Site
S20227	Pocket PC	Trimble	GEO XT	4612456178		\$7,000 00	3-30-2006	TAC	4	Moab, UT	Field Services
S20296	ATV	Yamaha	YXR666FAVGR-	5Y4AM04Y06A027668		\$8,220 00	6-30-2006	TAC	4	Moab, UT	Atlas Bldg
S20298	Geoprobe	Geoprobe Systems	M66DT	99110T66		\$45,000 00	12-6-2005	TAC	4	Moab, UT	Site
S20321	Air Compressor	Ingersoll-Rand	2545	601110239		\$14,958 98	7-10-2006	RAC	4	Moab, UT	Atlas Bldg
S20458	Pump	Power Pump	DV100	110887		\$29,760 00	1-23-2007	RAC	4	Moab, UT	Site
S20466	Computer	Dell	745	VC2P9C1		\$2,200 00	1-16-2007	TAC	4	Moab, UT	Field Services Lab
S20538	Tape Backup	Overland	NEO2000	2B70300218		\$8,250 00	3-23-2007	TAC	4	Moab, UT	Communications
S20571	Laptop Computer	Panasonic	CF74-	CF74CKSA26452R		\$2,000 00	5-7-2007	TAC	4	Moab, UT	Project Support 2
S20587	Full Body Scanner	Canberra	ARGOS-4B	0612-046		\$47,000 00	5-9-2007	RAC	4	Moab, UT	Access Control

**Contractor Property Transferring to DOE NLT April 2016**

Official Name	Asset Value	Acquisition Date	RAC/TAC/DOE	Site	S1 Value (Bldg)
CAT 420D Backhoe w/Fork Attachment (Moab)	\$17,100.00	4-1-2016	RAC	Moab, UT	Site
Ritchie Bros. -Bobcat S175 (CJ) CLIN	\$18,750.00	4-1-2016	RAC	Moab, UT	Site
Ritchie Bros. -Bobcat S220 w/ 72" Bucket (Moab)	\$19,000.00	4-1-2016	RAC	Moab, UT	Site
Kenworth T800 -Water Truck (Moab - CA)	\$25,000.00	4-1-2016	RAC	Moab, UT	Site
International 9200 -Water Truck (Moab - CA)	\$18,000.00	4-1-2016	RAC	Moab, UT	Site
Komatsu Loader	\$150,000.00	4-1-2016	RAC	Moab, UT	Site
Caterpillar Dozer	\$115,000.00	4-1-2016	RAC	Moab, UT	Site
Caterpillar Motor Grader	\$136,875.00	4-1-2016	RAC	Moab, UT	Site
Conex Box (6@ \$2k each) - Moab	\$10,000.00	4-1-2016	RAC	Moab, UT	Site
Caterpillar Dozer	\$115,000.00	4-1-2016	RAC	Moab, UT	Site
Caterpillar Ag Tractor	\$170,000.00	4-1-2016	RAC	Moab, UT	Site
Rome Disc	\$17,500.00	4-1-2016	RAC	Moab, UT	Site
Rome Disc	\$7,500.00	4-1-2016	RAC	Moab, UT	Site
Caterpillar Motor Grader	\$45,625.00	4-1-2016	RAC	Moab, UT	Site
Sterling Trucks	\$316,477.00	4-1-2016	RAC	Moab, UT	Site
Wastequip Container Trailers	\$88,550.00	4-1-2016	RAC	Moab, UT	Site
Taylor 55' Gantry Crane	\$734,340.00	4-1-2016	RAC	Moab, UT	Site
Komatsu Excavator	\$160,000.00	4-1-2016	RAC	Moab, UT	Site
Komatsu Loader	\$150,000.00	4-1-2016	RAC	Moab, UT	Site
Caterpillar Dozer	\$280,000.00	4-1-2016	RAC	Moab, UT	Site
Linde Reach Stacker	\$584,036.00	4-1-2016	RAC	Moab, UT	Site
Kenworth Haul Trucks (Moab)	\$90,000.00	4-1-2016	RAC	Moab, UT	Site
Kenworth Haul Trucks (Moab)	\$90,000.00	4-1-2016	RAC	Moab, UT	Site
Kenworth Haul Trucks (Moab)	\$90,000.00	4-1-2016	RAC	Moab, UT	Site
Wastequip -Container Trailer (Moab)	\$23,500.00	4-1-2016	RAC	Moab, UT	Site
Wastequip -Container Trailer (Moab)	\$23,500.00	4-1-2016	RAC	Moab, UT	Site
Wastequip -Container Trailer (Moab)	\$23,500.00	4-1-2016	RAC	Moab, UT	Site
Sterling Truck	\$45,211.00	4-1-2016	RAC	Moab, UT	Site
Wastequip Container Trailers	\$12,650.00	4-1-2016	RAC	Moab, UT	Site
Linde Reach Stacker	\$584,036.00	4-1-2016	RAC	Moab, UT	Site
Peterbilt Water Truck	\$60,000.00	4-1-2016	RAC	Moab, UT	Site
Peterbilt Water Truck	\$60,000.00	4-1-2016	RAC	Moab, UT	Site
Water Tower	\$22,500.00	4-1-2016	RAC	Moab, UT	Site
Above Ground Fuel Storage Tank (12,000 Gallon) (Moab)	\$25,000.00	4-1-2016	RAC	Moab, UT	Site
Used Oil Storage Tank - 2000 gallons (2@\$8426 each)	\$16,852.00	4-1-2016	RAC	Moab, UT	Site
Ford Mechanic Truck	\$22,500.00	4-1-2016	RAC	Moab, UT	Site
Ford Mechanic Truck	\$57,500.00	4-1-2016	RAC	Moab, UT	Site
Kenworth Lube Truck	\$65,000.00	4-1-2016	RAC	Moab, UT	Site
Miller Trailer	\$6,000.00	4-1-2016	RAC	Moab, UT	Site
Ford F550 Truck (Moab)	\$13,000.00	4-1-2016	RAC	Moab, UT	Site

<b>Moab, UT, Equipment</b>							
<u>Assigned Asset #</u>	<u>DOE Asset #</u>	<u>Make</u>	<u>Model</u>	<u>Serial/Vin #</u>	<u>Description</u>	<u>Assigned Site</u>	<u>Notes:</u>
DOE 01-05	M01203	PowerGuard	TS50	H923908	Generator	Moab	
DOE 01-13	M01327	Allmand	MH 500	0254MXH08	Dual Heater	Moab	
DOE 01-14	M01269	Wacker Neuson	LTN6L	5923880	Light Plant	Moab	
DOE 01-15	M01270	Wacker Neuson	LTN6L	5923879	Light Plant	Moab	
DOE 01-16		Terex	AL4000	FRF-13272	Light Plant	Moab	
DOE 01-18		Allmand	ML 7.5	1457PR009	Light Plant	Moab	
DOE 01-19		Wacker	GP5600A	5868901	Generator	Moab	
DOE 01-20		Wacker	GP5600A	5868900	Generator	Moab	
DOE 01-21		Wacker	GP5600A	5868920	Generator	Moab	
DOE 01-22		Wacker	GP5600A	5868923	Generator	Moab	
DOE 01-23		Wacker	GP5600A	5868902	Generator	Moab	
DOE 01-24		Wacker	GP5600A	5868921	Generator	Moab	
DOE 01-25		Honda	EB5000X	3016972	Generator	Moab	
DOE 01-26		Honda	EU2000IAN	EAAJ-2270955	Generator	Moab	
DOE 01-30	M01340	Sullivan	D210Q	303032	Air Compressor	Moab	
DOE 01-31	S20321	Ingersoll-Rand	2545	601110239	air Compressor	Moab	
DOE 01-32	MO1327	Maxi-Heat Space		O2S4MXH08	Space Heater	Moab	
	M01271	Wacker	MET2E7	5563348	Generator	Moab	85 KVA
DOE 02-01	M01503	Ford	F150	1FTRW08LX3K C46633	2003 Pick-up	Moab	No Radio
02-03		Ford	F550	1FDAF56F3XE C23914	1999 Mechanic Truck	Moab	Equipment mounted radio
02-04		Ford	F650	3FRWF65R27V 489332	2007 Mechanic Truck	Moab	Equipment mounted radio
02-05		Kenworth	T800	1XKDDU9X81 R872831	2001 Lube Truck	Moab	Equipment mounted radio
DOE 02-06	M1502	Chevy	1500	1GCEK19TX4E 289349	2004 Pick-up	Moab	No Radio
DOE 02-08	M01506	GMC	Topkick	1GDG6H1J4MJ 528238	1990 Mechanic Truck	Moab	
DOE 02-10	S18895	Chevy	C30	CCY33551549 5	1975 Welding Truck	Moab	In CA, out of Service
DOE 02-11	M01240	Jeep	J20	JOE46YN0328 77	1980 Mechanic CA Truck	Moab	Operated in the CA
DOE 02-12	M01115	Ford	Bronco	1FMDU150CLA 04427	1982	Moab	In CA, out of Service
DOE 02-13	S18878	Ford	Bronco	1FMEV15N1KL B24182	1989 Support Vehicle	Moab	Operated in the CA
DOE 02-14	M01259	Chevy	Blazer	1GNND13W12 K224388	2002 Support Vehicle	Moab	Operated in the CA
DOE 02-15	M01321	Dodge	Van	2B4HB25Y6RK 126878	1994 Ram 250	Moab	Operated in the CA
DOE 02-16	M01196	Dodge	Van	2B5WB35Z2RK 178476	1992 Ram 350	Moab	In CA, out of Service
DOE 02-17	M01258	Ford	Expedition	1FMFU16L31L B20767	2001 Support Vehicle	Moab	Operated in the CA
DOE 02-18	M01295	Chevy	Suburban	1GNNG26N4PJ 349620	1993 Support Vehicle	Moab	Operated in the CA
DOE 02-21	M01062	Chevy	Blazer	1GNEV18KXM F139890	1991 Chevy Blazer	Moab	
02-22		Ford	F550	1FDAF56F8YE C89487	2000 Ford Flat Bed	Moab	
DOE 02-23	M01490	Chevy	Tahoe	1GEK13Z06J1 22612	2005 Chevy Tahoe	Moab	Operated in the CA
02-28		Ford	F150	1FTRF14W28K D61658	2008 Ford F150	Moab	shell
02-29		Ford	F150	1FTEX1E82AF B02114	2010 Ford F150	Moab	
DOE 02-30	M01492	Dodge	Durango	1B4HS48Z02F 154860	2002 Dodge Durango SUV	Moab	Operated in the CA
03-08		Sterling	2009 LT-9500	2FWJAZCK59A AK2583	Haul Truck	Moab	Operated in the CA
03-09		Sterling	2009 LT-9500	2FWJAZCK59A AK2588	Haul Truck	Moab	Operated in the CA

<b>Moab, UT, Equipment</b>							
<u>Assigned Asset #</u>	<u>DOE Asset #</u>	<u>Make</u>	<u>Model</u>	<u>Serial/Vin #</u>	<u>Description</u>	<u>Assigned Site</u>	<u>Notes:</u>
03-10		Sterling	2009 LT-9500	2FWJAZCK59A AK2582	Haul Truck	Moab	Operated in the CA
03-11		Sterling	2009 LT-9500	2FWJAZCK59A AK2584	Haul Truck	Moab	Operated in the CA
03-12		Sterling	2009 LT-9500	2FWJAZCK59A AK2585	Haul Truck	Moab	Operated in the CA
03-13		Sterling	2009 LT-9500	2FWJAZCK59A AK2587	Haul Truck	Moab	Operated in the CA
03-14		Sterling	2009 LT-9500	2FWJAZCK59A AK2586	Haul Truck	Moab	Operated in the CA
03-15		Sterling	2009 LT-9500	2FWJAZCK59A AK2589	Haul Truck	Moab	Operated in the Clean Area
03-16		Kenworth	2010 T-800	1XKDD40X2AJ 270907	Haul Truck	Moab	Operated in the Clean Area
03-17		Kenworth	2010 T-800	1XKDD40X6AJ 270909	Haul Truck	Moab	Operated in the Clean Area
03-18		Kenworth	2010 T-800	1XKDD40X6AJ 270912	Haul Truck	Moab	Operated in the Clean Area
DOE 03-19	M01498	Komatsu	HM350 Articulated Truck	2063	Haul Truck	Moab	No radio
DOE 03-20	M01499	Komatsu	HM350 Articulated Truck	A11100	Haul Truck	Moab	Equipment mounted radio
DOE 03-21	M01500	Komatsu	HM350 Articulated Truck	A11097	Haul Truck	Moab	Equipment mounted radio
04-03		Caterpillar	D6T	KJL00851	Dozer	Moab	Equipment mounted radio
04-04		Caterpillar	D7R	CAT00D7RK ABJ01721	Dozer	Moab	Equipment mounted radio
04-05		Caterpillar	MT965	C0965LNTHF1 033	Tractor	Moab	Equipment mounted radio
04-06		Rome	TRCH16	8TRCH657	Disc	Moab	No Radio
04-07		Caterpillar	140H	CAT0140HA CCA02241	Motor Grader	Moab	Equipment mounted radio (Originally in #3695)
04-08		Rome	TRCH12	6TRCH-471	Disc	Moab	No Radio
05-04		Komatsu	PC400	A87369	Excavator	Moab	Equipment mounted radio
DOE 05-05	M01501	Komatsu	PC400	A88159	Excavator	Moab	Equipment mounted radio
05-06		Caterpillar	420D IT	CAT0420DABL N12500	Backhoe	Moab	Operated in the Clean Area
05-07		Bobcat	S220	530712086	Skidster	Moab	Operated in the Clean Area, Sweeper and shovel attachments belong to DOE.
05-08		Komatsu	WA500	A92649	Frontend Loader	Moab	Equipment mounted radio
DOE 05-09	M01342	Hitachi	EX400LC-3	166-5266	Excavator	Moab	No Radio
05-12		Caterpillar	345D	CAT0345DPEE H00462	Excavator	Moab	
06-04		Landa	PGHWA	1100450- 100259	Power Washer	Moab	
DOE 06-05	M01348	Landa	HWW5/5000	1212-161984	Power Washer	Moab	
DOE 06-07	M01340	Landa	D210Q	303032	Power Washer	Moab	Donated to DOE by ES.
DOE 06-08	M01114	Landa	PGHWA	11100470- 100036	Power Washer	Moab	
DOE 06-09	M01302	Lincoln	Vantage 400	LK500115H	Welder and Trailer	Moab	
DOE 06-10	M01197	Landshark	LS	08ZB0055	Evaporation System	Moab	
DOE 06-11	M01198	Landshark	LS	08ZB0066	Evaporation System	Moab	
DOE 06-13	S12379	Kawasaki	KAF300A1	JK1AFBA15MB 503145	Mule	Moab	
DOE 06-14	S12582	Kawasaki	KAF300A1	JK1AFBA15MB 503906	Mule	Moab	
DOE 06-16		Lincoln	MIG 256	M3141004774	Welder	Moab	

<b>Moab, UT, Equipment</b>							
<u>Assigned Asset #</u>	<u>DOE Asset #</u>	<u>Make</u>	<u>Model</u>	<u>Serial/Vin #</u>	<u>Description</u>	<u>Assigned Site</u>	<u>Notes:</u>
07-03		Linde	C4531TL/5	E1X357W0003 4	Reach Stacker	Moab	
07-04		Linde	C4531TL/5	E1X357W0003 5	Reach Stacker	Moab	
07-05		Linde	C4531TL/5	EIX357W00040	Reach Stacker	Moab	
07-08		Taylor	RTG100421	SF35929	Gantry Crane	Moab	Operated in the Clean Area
07-09		Genie	S604WD	1870	Man Lift	Moab	Operated in the Clean Area, Out of Service-Not economical to repair
DOE 07-11	M01385	Hyster	H155XL	F006D05620X	Fork Lift	Moab	No Radio
DOE 07-12	M01253	Taylor	RTG100421	SF736223	Gantry Crane	Moab	Operated in the Clean Area
08-03		International	1995 9200	2HSFMAHR1S C03078	4,000 Gallon Water Truck	Moab	Operated in the CA
08-04		Kenworth	T-800	1XKDD99X1RS 636393	4,000 Gallon Water Truck	Moab	Operated in the CA
DOE 08-06	S19607	Peterbilt	1989 Conventional 377	1XPCD29X3KD 283999	4,000 Gallon Water Truck	Moab	Operated in the CA
DOE 08-07	S20166	Peterbilt	2004 Conventional 330	2NPLD9X74M8 27435	4,000 Gallon Water Truck	Moab	Operated in the Clean Area
08-08		Peterbilt	2007 Conventional 335	2NPLLD0X67M 676306	4,000 Water Truck	Moab	Equipment mounted radio
08-09		Peterbilt	2007 Conventional 335	2NPLLD0X47M 676305	4,000 Water Truck	Moab	Equipment mounted radio
08-10		Klein	MSE12	607151200778	12,000 Water Tank	Moab	No Radio
DOE 08-11	M01257	Bar-bell Fabricating Co.	103-SM	4BUEED1B4R B944640	Trailer, Water 6200 gal	Moab	Potable water transport
08-13		International 2005		1HTWHAARX5 J192148	4,000 Gallon Water Truck	Moab	
09-10		Conex	52,910 Gross wgt.		New PPE Storage	Moab	Storage of onsite materials - Radcon PPE Storage
09-11		Conex	67,200 Gross wgt.		Air Gas PPE Storage	Moab	Storage of onsite materials - Air Gas Supply
09-12		Conex	52,910 Gross wgt.		Equipment Storage	Moab	Storage of onsite materials- Queue Equipment Storage
09-13		Conex	52,910 Gross wgt.		Equipment Storage	Moab	Storage of onsite materials- Queue Equipment Storage
09-14		Conex	52,910 Gross wgt.		Equipment Storage	Moab	Storage of onsite materials- Queue Equipment Storage
09-15		Conex	52,910 Gross wgt.		Equipment Storage	Moab	Storage of onsite materials- Queue Equipment Storage
09-16		Conex	52,910 Gross wgt.		Equipment Storage	Moab	Storage of onsite materials- Queue Equipment Storage
09-17		Conex	67,200 Gross wgt.		Tire Storage	Moab	Storage of onsite materials- Queue Equipment Storage
09-18		Conex	52,910 Gross wgt.		Filter Storage	Moab	Storage of onsite materials- Queue Equipment Storage
DOE 09-19	TTNU2653635	Conex	52,910 Gross wgt.		CA PPE Storage	Moab	Storage of onsite materials- Main Access Dress Out
DOE 09-20	TTNU2760340	Conex	52,910 Gross wgt.		CA PPE Storage	Moab	Storage of onsite materials- Main Access Dress Out
DOE 09-21	DDU341855	Conex	52,910 Gross wgt.		CA PPE Storage	Moab	Storage of onsite materials- Queue Access Dress Out
DOE 09-24	D HH 09107 FC 645	Conex	52,910 Gross wgt.		Storage	Moab	Field Services - Brown Sea-Land w/ Field Assessments instruments and supplies

<b>Moab, UT, Equipment</b>							
<u>Assigned Asset #</u>	<u>DOE Asset #</u>	<u>Make</u>	<u>Model</u>	<u>Serial/Vin #</u>	<u>Description</u>	<u>Assigned Site</u>	<u>Notes:</u>
DOE 09-25	ENAU 245924 DE 2210	Conex	52,910 Gross wgt.		Storage	Moab	Field Services - Brown Sea-Land w/ Geoprobe materials and parts, and misc. equipment
DOE 09-26	USDOE 00013687 00	Conex			Storage	Moab	Field Services - Red Sea-Land w/ soil sample storage and Geoprobe materials
DOE 09-34		Man Shelter	8'x8'		CA Man Shelter	Moab	Truck Scale in CA.
DOE 09-35		Man Shelter	8'x8'		CA Man Shelter	Moab	Container liner Install in CA.
09-36		Unknown	Unknown		Mechanic Van Trailer	Moab	No Radio
DOE 10-01	M01119	Container Racks	Custom Fabrication		Holds containers	Moab	Racks are used to pass the containers from the dirty side to the clean side.
DOE 10-02	M01120	Container Racks	Custom Fabrication		Holds containers	Moab	Racks are used to pass the containers from the dirty side to the clean side.
DOE 10-03	M01121	Container Racks	Custom Fabrication		Holds containers	Moab	Racks are used to pass the containers from the dirty side to the clean side.
DOE 10-04	M01122	Container Racks	Custom Fabrication		Holds containers	Moab	Racks are used to pass the containers from the dirty side to the clean side.
DOE 10-05	M01123	Container Racks	Custom Fabrication		Holds containers	Moab	Racks are used to pass the containers from the dirty side to the clean side.
DOE 10-06	M01124	Container Racks	Custom Fabrication		Holds containers	Moab	Racks are used to pass the containers from the dirty side to the clean side.
DOE 10-07	M01125	Container Racks	Custom Fabrication		Holds containers	Moab	Racks are used to pass the containers from the dirty side to the clean side.
DOE 10-08	M01126	Container Racks	Custom Fabrication		Holds containers	Moab	Racks are used to pass the containers from the dirty side to the clean side.
DOE 10-09		Equipment Mats	Custom Fabrication		RRM excavation	Moab	Mats are used to operate on when soils are saturated with water.
DOE 10-10		Equipment Mats	Custom Fabrication		RRM excavation	Moab	Mats are used to operate on when soils are saturated with water.
DOE 10-11		Equipment Mats	Custom Fabrication		RRM excavation	Moab	Mats are used to operate on when soils are saturated with water.
DOE 10-12		Equipment Mats	Custom Fabrication		RRM excavation	Moab	Mats are used to operate on when soils are saturated with water.
10-14		12,000 Gallon Diesel Fuel Tank	Custom Fabrication		Diesel Fuel Storage	Moab	Diesel Fuel Storage tank
10-15		500 Gallon Unleaded Fuel Tank	Custom Fabrication		Unleaded Fuel	Moab	Unleaded Gasoline Storage Tank
DOE 10-16		Truck Sander	Salt Dog		Sander/Salter	Moab	Atlas Bldg.
10-17		Wastequip	Intermodal Containers	See container inventory list for complete list	Short Containers 183 total	Moab	The complete inventory of the intermodal containers can be found on the Moab UMTRA Container Inventory Spreadsheet.

<b>Moab, UT, Equipment</b>							
<u>Assigned Asset #</u>	<u>DOE Asset #</u>	<u>Make</u>	<u>Model</u>	<u>Serial/Vin #</u>	<u>Description</u>	<u>Assigned Site</u>	<u>Notes:</u>
10-18		Wastequip	Intermodal Containers	See container inventory list for complete list	Tall Containers 160 total	Moab	The complete inventory of the intermodal containers can be found on the Moab UMTRA Container Inventory Spreadsheet.
1		Wastequip			Haul Trailer	Moab	
2		Wastequip			Haul Trailer	Moab	
3		Wastequip			Haul Trailer	Moab	
4		Wastequip			Haul Trailer	Moab	
5		Wastequip			Haul Trailer	Moab	
6		Wastequip			Haul Trailer	Moab	
7		Wastequip			Haul Trailer	Moab	
8		Wastequip			Haul Trailer	Moab	
9		Wastequip			Haul Trailer	Moab	
11		Wastequip			Haul Trailer	Moab	
14		Wastequip			Haul Trailer	Moab	
<b>Notes:</b>							
The project leases 72 Railcars from Travis Transport to transport the intermodal containers to and from project sites.							

Crescent Junction, UT, Personal Property Inventory											
Identifier	Official Name	Manufacturer	Model Number Name	Serial Number/ Dell Service Tag Number/VIN	Other Identifier	Asset Value	Acquisition Date	RAC/TAC/ DOE	Condition Code	Site	S1 Value (Bldg)
M01036	Server, Application 4	Dell	PE2950	5G96FD1	11866786885	\$5,157.00	8-3-2007	TAC	4	Crescent Junction, UT	DOE
M01059	Vehicle	Dodge	1988 Ram 2500	1B7HW24XXJS729562	E71378	\$2,000.00	01-01-88	RAC	4	Crescent Junction, UT	Site
M01105	Computer	Dell	OptiPlex 755	HNDTOG1	38419244065	\$1,046.00	7-7-2008	RAC	4	Crescent Junction, UT	Contractor
M01110	Laptop Computer	Dell	Latitude D630	9L437H1	20867698837	\$943.00	9-3-2008	RAC	4	Crescent Junction, UT	Radcon Trailer
M01111	Phone System	Inter-Tel	5000	1LH000827364	SSL0165021	\$11,995.00	8-7-2008	TAC	4	Crescent Junction, UT	DOE
M01157	Computer	Dell	OptiPlex 760	G8NCNK1	35351468353	\$829.00	8-3-2009	TAC	4	Crescent Junction, UT	DOE
M01201	Compactor	Caterpillar	825H	JAZW00213		\$405,000.00	13-10-09	RAC	4	Crescent Junction, UT	Site
M01202	Bulldozer	Komatsu	D275AX-E0	30101		\$570,000.00	10-27-2009	RAC	4	Crescent Junction, UT	Site
M01203	Generator	Powr-Gard	TS50	H923908		\$17,860.00	01-01-92	RAC	4	Crescent Junction, UT	Site
M01209	Weather Station	Campbell Scientific	CR1000	21349		\$7,307.48	09-06-09	RAC	4	Crescent Junction, UT	Site
M01218	Computer	Dell	OptiPlex 780	JGTTTL1	42376426429	\$988.00	1-14-2010	RAC	4	Crescent Junction, UT	Access Control
M01225	Computer	Dell	OptiPlex 780	9JTTTL1	20789998597	\$988.00	14-01-10	RAC	4	Crescent Junction, UT	Contractor
M01230	Computer	Dell	OptiPlex 780	BJTTTL1	25143565269	\$988.00	1-14-2010	TAC	4	Crescent Junction, UT	Contractor
M01241	Truck Ramp	Pacific Central Steel	NMN	NSN		\$15,385.00	3-12-2010	RAC	4	Crescent Junction, UT	Site
M01242	Truck Ramp	Pacific Central Steel	NMN	NSN		\$15,385.00	12-03-10	RAC	4	Crescent Junction, UT	Site
M01243	Steam Cleaner Shelter	Pacific Central Steel	NMN	NSN		\$22,917.00	3-12-2010	RAC	4	Crescent Junction, UT	Site
M01244	Steam Cleaner Shelter	Pacific Central Steel	NMN	NSN		\$22,917.00	12-03-10	RAC	4	Crescent Junction, UT	Site
M01245	Steam Cleaner Shelter	Pacific Central Steel	NMN	NSN		\$22,917.00	3-12-2010	RAC	4	Crescent Junction, UT	Site
M01254	Truck Ramp	Pacific Central Steel	NMN	NSN		\$15,385.00	29-04-10	RAC	4	Crescent Junction, UT	Site
M01255	Truck Ramp	Pacific Central Steel	NMN	NSN		\$15,385.00	4-29-2010	RAC	4	Crescent Junction, UT	Site
M01261	Server	Dell	PE R710	H83HSL1		\$5,399.00	15-06-10	DOE	4	Crescent Junction, UT	DOE
M01262	Personnel Shelter	Pacific Central Steel	NMN	NSN		\$22,917.00	2-5-2010	RAC	4	Crescent Junction, UT	Site
M01263	Personnel Shelter	Pacific Central Steel	NMN	NSN		\$22,917.00	05-02-10	RAC	4	Crescent Junction, UT	Site
M01264	Personnel Shelter	Pacific Central Steel	NMN	NSN		\$22,917.00	2-5-2010	RAC	4	Crescent Junction, UT	Site

Crescent Junction, UT, Personal Property Inventory											
Identifier	Official Name	Manufacturer	Model Number Name	Serial Number/ Dell Service Tag Number/VIN	Other Identifier	Asset Value	Acquisition Date	RAC/TAC/ DOE	Condition Code	Site	S1 Value (Bldg)
M01293	Wireless Data Assistant	Motorola	MC70 EDA	10149520801739		\$1,645.22	10-01-11	RAC	4	Crescent Junction, UT	Contractor
M01294	Backhoe	Caterpillar	416	59CO8820		\$15,000.00	01-01-02	RAC	4	Crescent Junction, UT	Site
M01296	Light Tower	Magnum	3080	0904434	01-18	\$10,080.00	12-21-2010	RAC	4	Crescent Junction, UT	Site
M01297	Light Tower	Magnum	3080	0904435	01-19	\$10,080.00	21-12-10	RAC	4	Crescent Junction, UT	Site
M01298	Light Tower	Magnum	3080	0900154	01-14	\$10,080.00	12-21-2010	RAC	4	Crescent Junction, UT	Site
M01299	Light Tower	Magnum	3080	0904433	01-17	\$10,080.00	21-12-10	RAC	4	Crescent Junction, UT	Site
M01300	Light Tower	Magnum	3080	0900155	01-15	\$10,080.00	12-21-2010	RAC	4	Crescent Junction, UT	Site
M01301	Light Tower	Magnum	3080	0900156	01-16	\$10,080.00	21-12-10	RAC	4	Crescent Junction, UT	Site
M01314	Tape Backup	Overland	NEO2000	9B12400048		\$7,840.02	6-22-2011	TAC	4	Crescent Junction, UT	DOE
M01326	Heater	Allmand	MH1000	0248MXH08		\$16,500.00	3-23-2010	RAC	4	Crescent Junction, UT	Site
M01333	Power Washer	Landa	HHW 4/4000	11100470-100036	109FS12231U021626	\$10,360.00	07-10-08	RAC	4	Crescent Junction, UT	Site
M01395	Data Phone	Sprint	HTC 801C	256691511208722293	9709862206	\$199.00	09-04-14	RAC	1	Crescent Junction, UT	Administrative
M01403	Laptop Computer	Dell	Latitude 15 5000	DVLRD12	30209170358	\$870.57	11-06-14	RAC	1	Crescent Junction, UT	Administrative
M01422	Computer	Dell	Precision T1700	9XWRW12	21641473766	\$834.75	27-06-14	RAC	4	Crescent Junction, UT	Guard Shack
M01425	Computer	Dell	Precision T1700	9X1SW12	21589452326	\$834.75	27-06-14	RAC	4	Crescent Junction, UT	Administrative
M01426	Computer	Dell	Precision T1700	9Y9QW12	21663262118	\$834.75	27-06-14	RAC	4	Crescent Junction, UT	Administrative
M01427	Computer	Dell	Precision T1700	9X7SW12	21599530022	\$834.75	27-06-14	RAC	4	Crescent Junction, UT	Administrative
M01428	Computer	Dell	Precision T1700	9X5RW12	21596124134	\$834.75	27-06-14	RAC	4	Crescent Junction, UT	Administrative
M01441	Computer	Dell	Precision T1700	9XHQW12	21616232870	\$834.75	27-06-14	RAC	4	Crescent Junction, UT	Access Control
M01442	Computer	Dell	Precision T1700	9X5SW12	21596170790	\$834.75	27-06-14	RAC	4	Crescent Junction, UT	Radcon Trailer
M01443	Computer	Dell	Precision T1700	9XGRW12	21614599910	\$834.75	27-06-14	RAC	4	Crescent Junction, UT	Maintenance
M01446	Computer	Dell	Precision T1700	9XFRW12	21612920294	\$834.75	27-06-14	RAC	4	Crescent Junction, UT	Contractor
M01448	Computer	Dell	Precision T1700	9X6RW12	21597803750	\$834.75	27-06-14	RAC	4	Crescent Junction, UT	Contractor
M01449	Computer	Dell	Precision T1700	9XCQW12	21607834790	\$834.75	27-06-14	RAC	4	Crescent Junction, UT	Contractor

<b>Crescent Junction, UT, Personal Property Inventory</b>											
Identifier	Official Name	Manufacturer	Model Number Name	Serial Number/ Dell Service Tag Number/VIN	Other Identifier	Asset Value	Acquisition Date	RAC/TAC/ DOE	Condition Code	Site	S1 Value (Bldg)
M01455	Computer	Dell	Precision T1700	9XWPPW12	21641380454	\$834.75	27-06-14	RAC	1	Crescent Junction, UT	Radcon Trailer
M01459	Computer	Dell	Precision T1700	9X7RW12	21599483366	\$834.75	27-06-14	RAC	1	Crescent Junction, UT	Administrative
M01464	Computer	Dell	Precision T1700	9XXPW12	21643060070	\$834.75	27-06-14	RAC	4	Crescent Junction, UT	Radcon Trailer
M01479	Computer	Dell	Precision T1700	9X1RW12	21589405670	\$834.75	27-06-14	DOE	4	Crescent Junction, UT	DOE
M01480	Computer	Dell	Precision T1700	9X2RW12	21591085286	\$834.75	27-06-14	RAC	4	Crescent Junction, UT	Contractor
M01481	Computer	Dell	Precision T1700	9XYQW12	21644786342	\$834.75	27-06-14	RAC	4	Crescent Junction, UT	Contractor
M01482	Computer	Dell	Precision T1700	9X0RW12	21587726054	\$834.75	27-06-14	RAC	4	Crescent Junction, UT	Contractor
M01486	Computer	Dell	Precision T1700	9X5QW12	21596077478	\$834.75	27-06-14	RAC	4	Crescent Junction, UT	Radcon Trailer
M01488	Computer	Dell	Precision T1700	9Y7SW12	21659996198	\$834.75	27-06-14	RAC	4	Crescent Junction, UT	Radcon Trailer
M01497	Vehicle	Chevrolet	Suburban	1GNFK16T61J291005	E22819	\$5,000.00	01-01-01	RAC	4	Crescent Junction, UT	Site
M01504	Data Phone	Sprint	HTC831C	256691522504600678	9703617026	\$99.99	01-06-15	RAC	1	Crescent Junction, UT	Radcon Trailer
S12292	Mule	Kawasaki	KAF300A1	JK1AFBA16MB501596		\$3,409.00	7-16-1992	RAC	4	Crescent Junction, UT	Site
S17803	Trailer, Office	Elder	8' X 25'	BT5825 LIC. E22790		\$9,250.00	07-12-98	RAC	7	Crescent Junction, UT	Site
S19947	Meteorological Station	Campbell	CR23X			\$5,812.00	9-6-2005	RAC	4	Crescent Junction, UT	NE of the I-70 rest stop
S20409	Truck, Water 4000 gal	Mack	600 RD 600	1M2P324CXYM049809		\$85,000.00	1-1-2000	RAC	4	Crescent Junction, UT	Site
S20459	Air Compressor	Ingersoll-Rand	XP185WJD	4FVCBBAA96V371205		\$14,159.00	1-23-2007	RAC	4	Crescent Junction, UT	Site

<b>Contractor Property Transferring to DOE NLT April 2016</b>						
	Official Name	Asset Value	Acquisition Date	RAC/TAC/DOE	Site	S1 Value (Bldg)
	Linde Reach Stacker -Model C4531TL	\$350,000.00	4-1-2016	RAC	Crescent Junction, UT	Site
	Bulldozer	\$163,000.00	4-1-2016	RAC	Crescent Junction, UT	Site
	1 Komatsu HM 400 Truck	\$172,789.00	4-1-2016	RAC	Crescent Junction, UT	Site
	3 Komatsu HM 400 Truck	\$518,367.00	4-1-2016	RAC	Crescent Junction, UT	Site
	Linde Reach Stacker	\$292,018.00	4-1-2016	RAC	Crescent Junction, UT	Site
	Hyster Forklift H135XL12	\$19,800.00	6-1-2015	RAC	Crescent Junction, UT	Site

Crescent Junction, UT, Equipment							
Assigned Asset #	DOE Asset #	Make	Model	Serial/Vin #	Description	Assigned Site	Notes:
DOE 01-06	M01296	Magnum	MLT3061	0904434	Light Plant	Crescent Junction	
DOE 01-07	M01297	Magnum	MLT3062	0904435	Light Plant	Crescent Junction	
DOE 01-08	M01298	Magnum	MLT3063	0900154	Light Plant	Crescent Junction	
DOE 01-09	M01299	Magnum	MLT3064	0904433	Light Plant	Crescent Junction	
DOE 01-10	M01300	Magnum	MLT3065	0900155	Light Plant	Crescent Junction	
DOE 01-11	M01301	Magnum	MLT3066	0900156	Light Plant	Crescent Junction	
DOE 01-12	M01326	Allmand	MH 1000	0248MXH08	Dual Heater	Crescent Junction	
DOE 01-17		Terex	AL406D4MH	FRF-13427	Light Plant	Crescent Junction	
DOE 01-27		Wacker	GP5600A	5868922	Generator	Crescent Junction	
DOE 01-28		Wacker	GP5600A	5868903	Generator	Crescent Junction	
DOE 01-29	S20459	Ingersoll-Rand	XP185WJD	4FVCBBAA96V371205	Air Compressor	Crescent Junction	
01-33		Whisper Watt	DCA-45551U4	7205084	Generator	Crescent Junction	
01-34		Whisper Watt	DCA-45551U4	7205085	Generator	Crescent Junction	
01-35		Whisper Watt	DCA-45551U4	7205086	Generator	Crescent Junction	
01-36		Whisper Watt	DCA-45551U4	7205083	Generator	Crescent Junction	
01-37		Whisper Watt	DCA-45551U3	720-4387	Generator	Crescent Junction	
01-38		Whisper Watt	DCA-45551U3	720-4386	Generator	Crescent Junction	
01-39		Whisper Watt			Generator	Crescent Junction	
01-40		Whisper Watt	DCA-45551U3	720-4385	Generator	Crescent Junction	
02-02		Chevy	E-3500	1GAHG35U041110938	2004 Passenger Van	Crescent Junction	No Radio
DOE 02-09	M01059	Dodge	2500	1B7HW24XXJS729562	1988 Pick-up	Crescent Junction	No Radio
02-19		Kenworth	1994 T800	1XKBA58X3LJ542393	1990 Fuel/Lube Truck	Crescent Junction	
02-20		GMC	Topkick	1GDJ6H1J8LJ601465	1990 Mechanic Truck	Crescent Junction	
02-24		Chevy	Duramax 2500	1GCHK92133E317024	2003 Chevy Duramax 2500	Crescent Junction	
02-25		Chevy	1500	1GCEK140X7Z605004	2007 Chevy 1500	Crescent Junction	Waterline
02-26		Ford	F250	1FTNF21566EC74941	2006 Ford F250	Crescent Junction	
02-27		Ford	E-350	1FBSS31S04HB19649	2004 E-350 Van	Crescent Junction	
DOE 02-31	M01497	GMC	Suburban	1GNFK16T61J291005	2001 GMC SUV 4x4	Crescent Junction	
03-01		Komatsu	HM400 Articulated Truck	KMTHM007 H260002195	Off Road Haul Truck	Crescent Junction	Equipment mounted radio
03-02		Komatsu	HM400 Articulated Truck	KMTHM007 J260002013	Off Road Haul Truck	Crescent Junction	Equipment mounted radio
03-03		Komatsu	HM400 Articulated Truck	KMTHM007 J260002304	Off Road Haul Truck	Crescent Junction	Equipment mounted radio
03-04		Komatsu	HM400 Articulated Truck	KMTHM007J54 A11085	Off Road Haul Truck	Crescent Junction	Equipment mounted radio
03-05		Komatsu	HM400 Articulated Truck	KMTHM007E54 A11310	Off Road Haul Truck	Crescent Junction	Equipment mounted radio
03-06		Komatsu	HM400 Articulated Truck	KMTHM007E54 A11306	Off Road Haul Truck	Crescent Junction	Equipment mounted radio
03-07		Komatsu	HM400 Articulated Truck	KMTHM007K54 A11313	Off Road Haul Truck	Crescent Junction	Equipment mounted radio
04-01		Caterpillar	D8T	LHX20665	Dozer	Crescent Junction	Equipment mounted radio
04-02		Caterpillar	140G	72V15116	Motor Grader	Crescent Junction	Equipment mounted radio
DOE 04-09	M01201	Caterpillar	825H	JAZW00213	Compactor	Crescent Junction	Equipment mounted radio
DOE 04-10	M01202	Komatsu	D275AX-5EO	KMT0D076HO2030108	Dozer	Crescent Junction	Equipment mounted radio
05-01		Bobcat	S175	530112962	Skidster	Crescent Junction	No Radio
05-02		Caterpillar	980G	2KR03834	Loader	Crescent Junction	Equipment mounted radio
05-03		Komatsu	WA500-6	KMTWA096A93089	Frontend Loader	Crescent Junction	No Radio
DOE 05-10	M01294	Caterpillar	416	5PC08820	Backhoe	Crescent Junction	No Radio
06-01		Landa	PGHWA	11100470-100007	Power Washer	Crescent Junction	
06-02		Landa	PGHWA	11100470-100008	Power Washer	Crescent Junction	

Crescent Junction, UT, Equipment							
Assigned Asset #	DOE Asset #	Make	Model	Serial/Vin #	Description	Assigned Site	Notes:
06-03		Landa	PGHWA	P1203-71183	Power Washer	Crescent Junction	
DOE 06-06	M01333	Landa	PGHWA	11100470-100036	Power Washer	Crescent Junction	
06-12		Lincoln	VANTAGE 400	5DLBU10107H002063	Welder and Trailer	Crescent Junction	
DOE 06-15	S12292	Kawasaki	KAF300A1	JK1AFBA16MB501596	Mule	Crescent Junction	
06-17		Landa	HHW4/3000	0315-1000256	Electric Pressure Washer	Crescent Junction	
06-18		Landa	HHW4/3000	0315-1000257	Electric Pressure Washer	Crescent Junction	
07-01		Linde	C4531	E1X357U00114	Reach Stacker	Crescent Junction	Equipment mounted radio
07-02		Linde	C4531	E1X357W00163	Reach Stacker	Crescent Junction	Equipment mounted radio
07-10		Hyster	H135XL2	F006D05308W	Fork Lift	Crescent Junction	
08-01		Caterpillar	613C	92X01537	5,000 Gallon Water Wagon	Crescent Junction	No Radio
08-02		Freightliner	2007 M2 106 Medium	1FVHCYDC67HW66891	4,000 Gallon Water Truck	Crescent Junction	Equipment mounted radio
DOE 08-05	S20409	Mack	2000 RD6885	CE530P134636	4,000 Gallon Water Truck	Crescent Junction	Operated in the Clean Area
08-12		Komatsu			5,000 Gallon Water Stand	Crescent Junction	Water Suppression for CA
08-14		Johnston	605	566919	Sweeper	Crescent Junction	Sweeper
09-01		Conex	67,200 Gross wgt.		Storage	Crescent Junction	Storage of onsite materials- North of Restroom Trailer
09-02		Conex	67,200 Gross wgt.		Storage	Crescent Junction	Storage of onsite materials
09-03		Conex	67,200 Gross wgt.		Break Room	Crescent Junction	Storage of onsite materials- South of Conference Trailer
09-04		Conex	67,200 Gross wgt.		Dress Out	Crescent Junction	Storage of onsite materials - RBA
09-05		Conex	67,200 Gross wgt.		PPE Storage	Crescent Junction	Storage of onsite materials - RBA
09-06		Conex	67,200 Gross wgt.		Shop Storage	Crescent Junction	Storage of onsite materials-North of Shop
09-07		Conex	67,200 Gross wgt.		Storage	Crescent Junction	Storage of onsite materials- Parking Lot
09-08		Conex	67,200 Gross wgt.		Storage	Crescent Junction	Storage of onsite materials- Parking Lot
09-09		Conex	67,200 Gross wgt.		Storage	Crescent Junction	Storage of onsite materials- Parking Lot
DOE 09-22		Conex	67,200 Gross wgt.		Storage	Crescent Junction	Storage of onsite materials- Parking Lot
DOE 09-23		Conex	67,200 Gross wgt.		Storage	Crescent Junction	Storage of onsite materials- Parking Lot
DOE 09-27	M01262	Power Washer Shed	Custom Fabrication		Storage of Power Washer	Crescent Junction	Used to house the Landa Power washers in the RBA
DOE 09-28	M01263	Power Washer Shed	Custom Fabrication		Storage of Power Washer	Crescent Junction	Used to house the Landa Power washers in the RBA
DOE 09-29	M01264	Power Washer Shed	Custom Fabrication		Storage of Power Washer	Crescent Junction	Used to house the Landa Power washers in the RBA
DOE 09-30	M01243	Man Shelter	Custom Fabrication		Wet Decontamination	Crescent Junction	Shelter for the Wet and Dry Decontamination Employees to use.
DOE 09-31	M01244	Man Shelter	Custom Fabrication		Dry Decontamination	Crescent Junction	Shelter for the Wet and Dry Decontamination Employees to use.

Crescent Junction, UT, Equipment							
Assigned Asset #	DOE Asset #	Make	Model	Serial/Vin #	Description	Assigned Site	Notes:
DOE 09-32	M01245	Man Shelter	Custom Fabrication		Dry Decontamination	Crescent Junction	Shelter for the Wet and Dry Decontamination Employees to use.
DOE 09-33		Container Maintenance Rack	Custom Fabrication		Container Maintenance	Crescent Junction	Shelter for the Wet and Dry Decontamination Employees to use.
11-01		QA/QC Trailer in the Cell	Mobile Mini		QA/QC Laboratory	Crescent Junction	Quality Control uses trailer to perform soils testing
11-02		Radiological Control/Safety Trailer	Mobile Mini		Radiological Control/Safety Trailer	Crescent Junction	Management offices
11-03		CAES Software and Base	Computer Software		Quality Control Software	Crescent Junction	Stationed on the Conference Trailer and a mobile station on the North Berm
11-04		CAES Rover and Stand	Version 3.2		GPS system	Crescent Junction	Mounted on the D8 Dozer
11-05		CAES Rover and Stand	TSC2		GPS system	Crescent Junction	Mounted on the 825H Compactor
11-06		CAES Rover and Stand	TSC2		GPS system	Crescent Junction	Mounted on the D7 Dozer
11-07		2,000 Gallon Used Oil Tank	Containment Solutions			Crescent Junction	Located South of Mechanic's Shop.
11-08		500 Gallon Unleaded Fuel Tank	Custom Fabrication		Unleaded Fuel	Crescent Junction	Located Northwest of the Mechanic's Shop
11-09		500 Gallon Unleaded Fuel Tank	Custom Fabrication		Unleaded Fuel	Crescent Junction	Located Northwest of the Mechanic's Shop
DOE 11-12		CAES Rover and Stand	TSC2		GPS system	Crescent Junction	Mounted on the Komatsu Dozer
DOE 11-13	M01241	Dump Ramp	Custom Fabrication			Crescent Junction	Haul Trucks are backed onto the ramps and RRM is dumped from the Containers
DOE 11-14	M01242	Dump Ramp	Custom Fabrication			Crescent Junction	Haul Trucks are backed onto the ramps and RRM is dumped from the Containers
DOE 11-15	M01254	Dump Ramp	Custom Fabrication			Crescent Junction	Haul Trucks are backed onto the ramps and RRM is dumped from the Containers
DOE 11-16	M01255	Dump Ramp	Custom Fabrication			Crescent Junction	Haul Trucks are backed onto the ramps and RRM is dumped from the Containers
DOE 11-17		Mobile A Frame	Custom Fabrication		GR Pump House	Crescent Junction	Used to raise and lower pump assemblies at the Green River Pump house.
NC 03		500 Gallon Unleaded Fuel Tank	Custom Fabrication		Unleaded Fuel	Crescent Junction	Located Northwest of the Mechanic's shop

Grand Junction, CO, Personal Property Inventory											
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M01004	Server, File Domain Controller	Dell	PE2950	F2155B1	32775660325	\$4,457.00	7-3-2007	TAC	4	Grand Junction, CO	S&K Office
M01006	Server, Exchange	Dell	PE1950	6F0R5D1	13968953317	\$3,826.00	7-3-2007	TAC	4	Grand Junction, CO	S&K Office
M01007	Server Rack	Dell	4210	HC686D1	N/A	\$5,594.35	7-3-2007	TAC	4	Grand Junction, CO	S&K Office
M01008	Computer	Dell	PE2950	BG4T5D1	24920142949	\$5,057.00	7-3-2007	TAC	4	Grand Junction, CO	S&K Office
M01013	Computer	Dell	OptiPlex 745	4YKR5D1	10797838309	\$837.00	7-3-2007	TAC	4	Grand Junction, CO	S&K Office
M01015	Computer	Dell	OptiPlex 745	FXKR5D1	34681977829	\$837.00	7-3-2007	TAC	4	Grand Junction, CO	S&K Office
M01020	Computer	Dell	OptiPlex 745	4ZKR5D1	10858304485	\$837.00	7-3-2007	TAC	4	Grand Junction, CO	S&K Office
M01026	Phone Switch	Siemens	Hicom 300E 30EX	84289	N/A	\$15,300.00	3-6-2006	TAC	4	Grand Junction, CO	S&K Office
M01027	Computer	Dell	OptiPlex 745	1YM5BD1	4269831877	\$837.00	7-20-2007	TAC	4	Grand Junction, CO	S&K Office
M01030	Computer	Dell	OptiPlex 745	86Q9BD1	17821160389	\$863.00	7-20-2007	TAC	4	Grand Junction, CO	S&K Office
M01032	Computer	Dell	OptiPlex 745	3YM5BD1	8623396549	\$837.00	7-20-2007	TAC	4	Grand Junction, CO	S&K Office
M01038	Server, Edge Transport	Dell	PE2950	23S0HD1	4582014949	\$3,657.00	9-27-2007	TAC	4	Grand Junction, CO	S&K Office
M01040	Computer	Dell	OptiPlex 745	GDZ6JD1	35673669253	\$1,583.87	31-08-07	TAC	4	Grand Junction, CO	S&K Office
M01043	Server Rack	Dell	4210	CLHSV91	N/A	\$6,523.06	8-17-2007	TAC	4	Grand Junction, CO	S&K Office
M01081	Computer	Dell	OptiPlex 755	5GJTDG1	11884653649	\$1,046.00	6-5-2008	TAC	9	Grand Junction, CO	S&K Office
M01101	Computer	Dell	OptiPlex 755	FPDTOG1	34186611745	\$1,046.00	7-7-2008	RAC	4	Grand Junction, CO	Portage Office
M01102	Computer	Dell	OptiPlex 755	2PDTOG1	5888441377	\$1,046.00	7-7-2008	TAC	4	Grand Junction, CO	S&K Office
M01109	Server, FTP	Dell	E3110	DXHTCH1	30323476837	\$2,399.00	8-29-2008	TAC	4	Grand Junction, CO	S&K Office
M01112	Server	Dell	PE2950	9Q2ZGH1	21168175141	\$7,615.99	9-23-2008	TAC	4	Grand Junction, CO	S&K Office
M01132	Computer	Dell	OptiPlex 760	96NCNK1	19993059649	\$829.00	03-08-09	TAC	4	Grand Junction, CO	S&K Office
M01182	Computer	Dell	OptiPlex 760	56NCNK1	11285930305	\$829.00	8-3-2009	TAC	4	Grand Junction, CO	S&K Office
M01184	Laptop Computer	Dell	Inspiron 1010	D3N4MK1	28518415921	\$484.00	8-17-2009	TAC	4	Grand Junction, CO	S&K Office
M01188	Vehicle	Ford	Escape	1FMCU493X9KD10613	E303613	\$25,223.74	8-24-2009	RAC	4	Grand Junction, CO	Portage Office
M01189	Laptop Computer	Dell	Latitude E6500	36HHTK1	6922528993	\$979.00	8-26-2009	TAC	4	Grand Junction, CO	S&K Office

Grand Junction, CO, Personal Property Inventory											
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M01216	Computer	Dell	OptiPlex 780	9HTTTL1	20669066245	\$988.00	14-01-10	RAC	4	Grand Junction, CO	Portage Office
M01221	Computer	Dell	OptiPlex 780	HGTTTL1	38022858757	\$988.00	14-01-10	TAC	4	Grand Junction, CO	S&K Office
M01229	Computer	Dell	OptiPlex 780	JTTTL1	42557821957	\$988.00	14-01-10	TAC	4	Grand Junction, CO	S&K Office
M01233	Laptop Computer	Dell	Inspiron 1011	3D3G4L1	7322198581	\$534.00	1-21-2010	TAC	4	Grand Junction, CO	S&K Office
M01238	Laptop Computer	Dell	Latitude E6500	9ND9XL1	21004061509	\$1,100.00	19-02-10	RAC	4	Grand Junction, CO	Portage Office
M01239	Laptop Computer	Dell	Latitude E6500	DND9XL1	29711190853	\$1,100.00	19-02-10	TAC	4	Grand Junction, CO	S&K Office
M01247	Construction Camera	EarthCam	DC-09229	AAQ-GX42		\$5,246.25	17-02-10	TAC	4	Grand Junction, CO	S&K Office
M01249	Laptop Computer	Dell	Latitude E6500	CZX3QL1	28293305941	\$1,191.00	05-04-10	TAC	4	Grand Junction, CO	S&K Office
M01282	Computer	Dell	Studio XPS 9100	CLMMMN1	27429185053	\$1,699.99	15-11-10	TAC	4	Grand Junction, CO	S&K Office
M01283	Computer	Dell	Studio XPS 9100	CLMNMN1	27429231709	\$1,699.99	15-11-10	TAC	4	Grand Junction, CO	S&K Office
M01284	Computer	Dell	Studio XPS 9100	G3PRYV1	35053211197	\$1,699.99	15-11-10	TAC	4	Grand Junction, CO	S&K Office
M01285	Computer	Dell	Studio XPS 9100	CLLMN1	27427552093	\$1,699.99	15-11-10	TAC	4	Grand Junction, CO	S&K Office
M01306	Laptop Computer	Dell	Precision M4500	DTGXDP1	30080120725	\$2,337.06	05-04-11	TAC	4	Grand Junction, CO	S&K Office
M01312	Server, GIS	Dell	PE R710	JCD3GQ1		\$8,656.36	26-05-11	TAC	4	Grand Junction, CO	S&K Office
M01313	Tape Backup	Overland	NEO2000	9B12000063		\$8,199.00	26-05-11	TAC	4	Grand Junction, CO	S&K Office
M01323	Server	Hewlett Packard	Proliant	USE907N5GH		\$1,160.00	01-01-10	DOE	4	Grand Junction, CO	S&K Office
M01349	Server	Dell	PE R720	5JNFZV1		\$13,995.53	10-12-12	TAC	1	Grand Junction, CO	S&K Office
M01353	Server	Dell	PE R610	CTGLQW1	27902795617	\$7,523.80	05-02-13	TAC	1	Grand Junction, CO	S&K Office
M01354	Data Phone	Sprint	HTC X325C	256691415009666656	9704243154	\$99.99	11-04-13	TAC	1	Grand Junction, CO	S&K Office
M01358	Data Phone	Sprint	HTC 801C	256691437406649985	9703615770	\$99.99	24-05-13	TAC	1	Grand Junction, CO	S&K Office
M01359	Server	Dell	PE R720	C1XSGX1		\$12,177.27	26-06-13	TAC	1	Grand Junction, CO	S&K Office
M01360	Computer	Dell	OPTIPLEX 7010	BB7G6Y1	24622246441	\$895.00	10-07-13	TAC	1	Grand Junction, CO	S&K Office
M01361	Computer	Dell	OPTIPLEX 7010	BB6H6Y1	24620613481	\$895.00	10-07-13	TAC	1	Grand Junction, CO	S&K Office
M01362	Computer	Dell	OPTIPLEX 7010	BB7D6Y1	24622106473	\$895.00	10-07-13	TAC	1	Grand Junction, CO	S&K Office

Grand Junction, CO, Personal Property Inventory											
Identifier	Official Name	Manufacturer	Model Number Name	Serial Number/ Dell Service Tag Number/VIN	Other Identifier	Asset Value	Acquisition Date	RAC/TAC /DOE	Condition Code	Site	S1 Value (Bldg)
M01363	Computer	Dell	OPTIPLEX 7010	BB7F6Y1	24622199785	\$895.00	10-07-13	TAC	1	Grand Junction, CO	S&K Office
M01364	Computer	Dell	OPTIPLEX 7010	BB8D6Y1	24623786089	\$895.00	10-07-13	TAC	1	Grand Junction, CO	S&K Office
M01365	Computer	Dell	OPTIPLEX 7010	BBBG6Y1	24628964905	\$768.00	10-07-13	TAC	7	Grand Junction, CO	S&K Office
M01366	Computer	Dell	OPTIPLEX 7010	BB9G6Y1	24625605673	\$768.00	10-07-13	TAC	1	Grand Junction, CO	S&K Office
M01367	Computer	Dell	OPTIPLEX 7010	BBGF6Y1	24637316329	\$768.00	10-07-13	TAC	1	Grand Junction, CO	S&K Office
M01368	Computer	Dell	OPTIPLEX 7010	BBGG6Y1	24637362985	\$768.00	10-07-13	TAC	1	Grand Junction, CO	S&K Office
M01369	Computer	Dell	OPTIPLEX 7010	BB9F6Y1	24625559017	\$768.00	10-07-13	TAC	1	Grand Junction, CO	S&K Office
M01370	Computer	Dell	OPTIPLEX 7010	BBDF6Y1	24632277481	\$768.00	10-07-13	TAC	1	Grand Junction, CO	S&K Office
M01371	Computer	Dell	OPTIPLEX 7010	BBCF6Y1	24630597865	\$768.00	10-07-13	TAC	1	Grand Junction, CO	S&K Office
M01372	Computer	Dell	OPTIPLEX 7010	BBCD6Y1	24630504553	\$768.00	10-07-13	TAC	1	Grand Junction, CO	S&K Office
M01373	Computer	Dell	OPTIPLEX 7010	BBCG6Y1	24630644521	\$768.00	10-07-13	TAC	1	Grand Junction, CO	S&K Office
M01374	Computer	Dell	OPTIPLEX 7010	BBDD6Y1	24632184169	\$768.00	10-07-13	TAC	1	Grand Junction, CO	S&K Office
M01376	Computer	Dell	OPTIPLEX 7010	BBFF6Y1	24635636713	\$768.00	10-07-13	TAC	1	Grand Junction, CO	S&K Office
M01377	Computer	Dell	OPTIPLEX 7010	BBFD6Y1	24635543401	\$768.00	10-07-13	TAC	1	Grand Junction, CO	S&K Office
M01379	Computer	Dell	OPTIPLEX 7010	BBBF6Y1	24628918249	\$768.00	10-07-13	TAC	1	Grand Junction, CO	S&K Office
M01384	Computer	Dell	OPTIPLEX 7010	BB9D6Y1	24625465705	\$768.00	10-07-13	TAC	1	Grand Junction, CO	S&K Office
M01386	Data Phone	Sprint	HTC X325C	256691415001579000	9703617026	\$99.99	19-08-13	RAC	7	Grand Junction, CO	S&K Office
M01389	Data Phone	Sprint	HTC X325C	256691415002099216	9702010643	\$99.99	25-09-13	TAC	1	Grand Junction, CO	S&K Office
M01390	Data Phone	Sprint	HTC X325C	256691415001672454	5054127983	\$99.99	13-01-14	RAC	7	Grand Junction, CO	S&K Office
M01391	Data Phone	Sprint	HTC X325C	256691415006359349	9707786372	\$99.99	13-01-14	RAC	7	Grand Junction, CO	S&K Office
M01396	Laptop Computer	Dell	Latitude E5540	5PPJXZ1	12438486973	\$829.00	07-05-14	TAC	1	Grand Junction, CO	S&K Office
M01397	Data Phone	Sprint	HTC 801C	256691511208593537	9704335806	\$199.00	19-05-14	TAC	1	Grand Junction, CO	S&K Office
M01398	Data Phone	Sprint	HTC 801C	256691511208593537	9705892430	\$199.00	19-05-14	TAC	1	Grand Junction, CO	S&K Office
M01399	Server	Supermicro	XEON E3	01-SC82569-XX00C103-01	DPM1	\$2,397.49	04-06-14	TAC	1	Grand Junction, CO	S&K Office

<b>Grand Junction, CO, Personal Property Inventory</b>											
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M01401	Server	Supermicro	XEON E3	01-SC82569-XX00C103-03	DPM3	\$2,397.49	04-06-14	TAC	1	Grand Junction, CO	S&K Office
M01405	Computer	Dell	Precision T1700	9Y6SW12	21658316582	\$834.75	27-06-14	TAC	1	Grand Junction, CO	S&K Office
M01407	Computer	Dell	Precision T1700	9XZRW12	21646512614	\$834.75	27-06-14	RAC	4	Grand Junction, CO	Portage Office
M01409	Computer	Dell	Precision T1700	9Y6QW12	21658223270	\$834.75	27-06-14	RAC	4	Grand Junction, CO	Portage Office
M01411	Computer	Dell	Precision T1700	9Y1QW12	21649825190	\$834.75	27-06-14	TAC	1	Grand Junction, CO	S&K Office
M01431	Computer	Dell	Precision T1700	9X3RW12	21592764902	\$834.75	27-06-14	TAC	1	Grand Junction, CO	S&K Office
M01452	Computer	Dell	Precision T1700	9XD5W12	21609607718	\$834.75	27-06-14	TAC	4	Grand Junction, CO	S&K Office
M01462	Computer	Dell	Precision T1700	9X9RW12	21602842598	\$834.75	27-06-14	RAC	4	Grand Junction, CO	Portage Office
M01466	Computer	Dell	Precision T1700	9X4QW12	21594397862	\$834.75	27-06-14	RAC	4	Grand Junction, CO	Portage Office
M01467	Computer	Dell	Precision T1700	9XBQW12	21606155174	\$834.75	27-06-14	TAC	1	Grand Junction, CO	S&K Office
M01468	Computer	Dell	Precision T1700	9XZPW12	21646419302	\$834.75	27-06-14	RAC	4	Grand Junction, CO	Portage Office
M01473	Computer	Dell	Precision T1700	9Y7QW12	21659902886	\$834.75	27-06-14	TAC	1	Grand Junction, CO	S&K Office
M01485	Computer	Dell	Precision T1700	9Y6RW12	21658269926	\$834.75	27-06-14	TAC	1	Grand Junction, CO	S&K Office
M01493	Server	Supermicro	XEON E3	01-SC82569-XX00C104-01		\$3,796.51	21-01-15	TAC	1	Grand Junction, CO	S&K Office
S20168	Laptop Computer	Dell	D610	49PTH91		\$2,200.00	2-22-2006	TAC	4	Grand Junction, CO	S&K Office
S20216	Laptop Computer	Dell	INSPIRON 710M	C9NLK91		\$2,200.00	3-7-2006	TAC	1	Grand Junction, CO	S&K Office

<b>Grand Junction, CO, Equipment</b>							
Assigned Asset #	DOE Asset #	Make	Model	Serial/Vin #	Description	Assigned Site	Notes:
	M01188	Ford	Escape	1FMCU493X9KD10613	SUV	Grand Junction	

<b>Grand Junction, CO, Structures and Facilities</b>	
Description	Square Footage
Grand Junction, CO, Office Space - DOE	8,387
Grand Junction, CO, Office Space - RAC	1,030

**SECTION J – LIST OF ATTACHMENTS**

**ATTACHMENT J-6**

**LIST OF SITE STRUCTURES AND FACILITIES**

<b>Moab, UT, Structures and Facilities</b>	
<u>Property Name</u>	<u>Asset Type</u>
Moab, UT, Site Building	501 Buildings
Moab, UT, Maint. Building	501 Buildings
Moab, UT, Container Rinse System	550 Other Structures
Moab, UT, Decontamination Pad	470 Roads, Walks, And Paved Areas
Moab, UT, Dirt Road	470 Roads, Walks, And Paved Areas
Moab, UT, Electrical System	615 Elect Generation, Transmission, Distribution
Moab, UT, Extraction Well Field System	650 Water Supply, Pumping, Treatment, Distr bution
Moab, UT, Fence	480 Fences And Guard Towers
Moab, UT, Guard Shed	501 Buildings
Moab, UT, Haul Road	470 Roads, Walks, And Paved Areas
Moab, UT, Lidding/Delidding Facility	550 Other Structures
Moab, UT, Lube Shed	501 Buildings
Moab, UT, TAC Maintenance Shed	501 Buildings
Moab, UT, Parking Lot	470 Roads, Walks, And Paved Areas
Moab, UT, River Inlet Pump System	650 Water Supply, Pumping, Treatment, Distr bution
Moab, UT, Access Road	470 Roads, Walks, And Paved Areas
Moab, UT, Site Field Services Trailer	501 Buildings
Moab, UT, Men's Restroom Trailer	501 Buildings
Moab, UT, Conference Trailer	501 Buildings
Moab, UT, Queue Conference Trailer	501 Buildings
Moab, UT, Queue Restroom Trailer	501 Buildings
Moab, UT, Queue Access Control Trailer	501 Buildings
Moab, UT, Ground Water Lab Trailer	501 Buildings
Moab, UT, Decontamination Trailer	501 Buildings
Moab, UT, Communications Trailer	501 Buildings
Moab, UT, Field Services Lab Trailer	501 Buildings
Moab, UT, Access Control Trailer	501 Buildings
Moab, UT, Project Support 2 Trailer	501 Buildings
Moab, UT, Project Support 1 Trailer	501 Buildings
Moab, UT, Administrative Trailer	501 Buildings
Moab, UT, DOE Trailer	501 Buildings
Moab, UT, Shower Trailer	501 Buildings
Moab, UT, Truck Scale	550 Other Structures
Moab, UT, Trailer Staging Area	470 Roads, Walks, And Paved Areas
Moab, UT, Queue Trailer Staging Area	470 Roads, Walks, And Paved Areas
Moab, UT, Underpass	470 Roads, Walks, And Paved Areas
Moab, UT, Water System	650 Water Supply, Pumping, Treatment, Distr bution

**CRESCENT JUNCTION:**

<b>Crescent Junction, UT, Structures and Facilities</b>	
<u>Property Name</u>	<u>Asset Type</u>
Crescent Jct, UT, Maint. Building	501 Buildings
Crescent Jct, UT, Disposal Cell	550 Other Structures
Crescent Jct, UT, Dirt Road	470 Roads, Wa ks, And Paved Areas
Crescent Jct, UT, Electrical System	615 Elect Generation, Transmission, Distr bution
Crescent Jct, UT, Fence	480 Fences And Guard Towers
Crescent Jct, UT Guard Shed	501 Buildings
Crescent Jct, UT, Haul Road	470 Roads, Wa ks, And Paved Areas
Crescent Jct, UT, Lube Shed	501 Buildings
Crescent Jct, UT, Retention Pond	550 Other Structures
Crescent Jct, UT, Parking Lot	470 Roads, Wa ks, And Paved Areas
Crescent Jct, UT, Access Road	470 Roads, Wa ks, And Paved Areas
Crescent Jct, UT, Sidewalks	470 Roads, Wa ks, And Paved Areas
Crescent Jct, UT, DOE Trailer	501 Buildings
Crescent Jct, UT, Contractor Trailer	501 Buildings
Crescent Jct, UT, Administrative Trailer	501 Buildings
Crescent Jct, UT, Restroom Trailer	501 Buildings
Crescent Jct, UT, Disposal Cell Trailer	501 Buildings
Crescent Jct, UT, Radcon Trailer	501 Buildings
Crescent Jct, UT, Trailer Staging Area	470 Roads, Wa ks, And Paved Areas
Crescent Jct, UT, Constr. Water Line	650 Water Supply, Pumping, Treatment, Distribution
Crescent Jct, UT, Potable Water Line	650 Water Supply, Pumping, Treatment, Distribution

**SECTION J – LIST OF ATTACHMENTS**

**ATTACHMENT J-7**

**ACRONYM LIST**

Acronym	Definition
ATLAS	Atlas Minerals Corporation
ADR	Alternative Dispute Resolution
AEA	Atomic Energy Act
ALARA	As Low As Reasonably Achievable
ASME	American Society of Mechanical Engineers
BLM	Bureau of Land Management
CCR	Central Contractor Registration
C.F.R.	Code of Federal Regulations
CIAC	DOE Cyber Incident Advisory Capability
CIH	Certified Industrial Hygienist
CJ	DOE Crescent Junction Site
CLIN	Contract Line Item Number
CO	Contracting Officer
COR	Contracting Officer Representative
CPARS	Contractor Performance Assessment Reporting System
CRD	Contractor Requirements Document
CWP	Contractor Work Plan
DCO	Designated Contracting Officer
DCOR	Designated Contracting Officer Representative
DEAR	Department of Energy Acquisition Regulation
DOE	Department of Energy
DOT	Department of Transportation
e.g.	For Example
ECP	Employee Concerns Program
EEO	Equal Employment Opportunity
EEOICPA	Employees Occupational Illness Compensation Program Act of 2000
EFT	Electronic Funds Transfer
ESH&Q	Environmental Safety Health and Quality
EIS	Environmental Impact Statement
EIT	Electronic and Information Technology
EM	Office of Environmental Management
EMCBC	Environmental Management Consolidated Business Center
EPA	Environmental Protection Agency
EVMS	Earned Value Management System
FAR	Federal Acquisition Regulation
FEIS	Final Environmental Impact Statement
FOIA	Freedom of Information Act
FPD	Federal Project Director

Acronym	Definition
FRA	Federal Railroad Administration
GAO	Government Accountability Office
GFE	Government Furnished Equipment
GFP	Government Furnished Property
GSA	General Services Administration
i.e.	Namely
IG	Inspector General
Inc.	Incorporated
ISMS	Integrated Safety Management System
JV	Joint Venture
KP	Key Personnel
LLC	Limited Liability Corporation
NAICS	North American Industrial Classification System
NDA	Non Destructive Assay
NEPA	National Environmental Policy Act
NMED	New Mexico Environmental Department
NNSA	National Nuclear Security Administration
NQA	Nuclear Quality Assurance
NRC	Nuclear Regulatory Commission
NTP	Notice to Proceed; or National TRU Program
O&M	Operation and Maintenance
OCI	Organizational Conflict of Interest
ORFSC	Oak Ridge Financial Service Center
ORISE	Oak Ridge Institute for Science and Education
OSHA	Occupational Safety and Health Administration
OUO	Official Use Only
pCi	Picocurie
PDP	Performance Demonstration Program
PEMP	Performance Evaluation Management Plan
PIV	Personal Identity Verification
PM	Project Manager
PMS	Performance Measurement System
PPE	Personal Protective Equipment
PWS	Performance Work Statement
QA	Quality Assurance
QAP	Quality Assurance Plan
QAPD	Quality Assurance Program Description
QASP	Quality Assurance Surveillance Plan
RAC	Remedial Action Contractor
RAIP	NRC Remedial Action Inspection Plan
RAP	Remedial Action Plan
RCRA	Resource Conservation and Recovery Act
RTP	Request for Task Proposal
ROD	Record of Decision

Acronym	Definition
RPP	Radiation Protection Program
RPPM	Radiation Protection Program Manual
RRM	Residual Radioactive Material
SAM	System for Award Management
SBA	Small Business Administration
SF	Standard Form
SQA	Software, design, operation, maintenance, and quality assurance
SQL	Structured Query Language
TAC	Technical Assistance Contractor
TO	Task Order
TQP	Technical Qualification Program
U.S.C.	United States Code
UDOT	Utah Department of Transportation
UMTRCA	Uranium Mill Tailings Radiation Control Act
UP	Union Pacific
VIPERS	Vendor Inquiry Payment Electronic Reporting System
VOC	Volatile Organic Compound
VP	Vicinity Property
WSHP	Worker Safety and Health Plan

**SECTION J – LIST OF ATTACHMENTS**

**ATTACHMENT J-8**

**SERVICE CONTRACT LABOR STANDARDS AND WAGE REQUIREMENTS (CONSTRUCTION)**

**ATTACHMENT J-8-A: LABOR STANDARDS AND WAGE REQUIREMENTS– MOAB AND CRESCENT JUNCTION SITES**

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

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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).

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State: Utah  
 Area: Utah Statewide

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

OCCUPATION CODE - TITLE	FOOTNOTE	RATE
01000 - Administrative Support And Clerical Occupations		
01011 - Accounting Clerk I		12.81
01012 - Accounting Clerk II		14.38
01013 - Accounting Clerk III		16.09
01020 - Administrative Assistant		18.47
01040 - Court Reporter		19.50
01051 - Data Entry Operator I		11.89
01052 - Data Entry Operator II		12.98
01060 - Dispatcher, Motor Vehicle		16.80
01070 - Document Preparation Clerk		14.10
01090 - Duplicating Machine Operator		14.10
01111 - General Clerk I		11.54
01112 - General Clerk II		12.59
01113 - General Clerk III		14.13
01120 - Housing Referral Assistant		16.51
01141 - Messenger Courier		11.64
01191 - Order Clerk I		12.93
01192 - Order Clerk II		14.11
01261 - Personnel Assistant (Employment) I		14.71
01262 - Personnel Assistant (Employment) II		16.45

01263 - Personnel Assistant (Employment) III	18.35
01270 - Production Control Clerk	17.99
01280 - Receptionist	10.46
01290 - Rental Clerk	11.44
01300 - Scheduler, Maintenance	13.23
01311 - Secretary I	13.23
01312 - Secretary II	14.80
01313 - Secretary III	16.51
01320 - Service Order Dispatcher	14.95
01410 - Supply Technician	18.43
01420 - Survey Worker	12.10
01531 - Travel Clerk I	12.39
01532 - Travel Clerk II	13.15
01533 - Travel Clerk III	13.78
01611 - Word Processor I	13.94
01612 - Word Processor II	15.88
01613 - Word Processor III	17.61
05000 - Automotive Service Occupations	
05005 - Automobile Body Repairer, Fiberglass	19.06
05010 - Automotive Electrician	18.09
05040 - Automotive Glass Installer	17.17
05070 - Automotive Worker	17.14
05110 - Mobile Equipment Servicer	15.24
05130 - Motor Equipment Metal Mechanic	18.82
05160 - Motor Equipment Metal Worker	17.14
05190 - Motor Vehicle Mechanic	17.82
05220 - Motor Vehicle Mechanic Helper	14.11
05250 - Motor Vehicle Upholstery Worker	16.19
05280 - Motor Vehicle Wrecker	17.14
05310 - Painter, Automotive	18.09
05340 - Radiator Repair Specialist	17.14
05370 - Tire Repairer	12.41
05400 - Transmission Repair Specialist	18.46
07000 - Food Preparation And Service Occupations	
07010 - Baker	11.60
07041 - Cook I	10.72
07042 - Cook II	12.42
07070 - Dishwasher	8.06
07130 - Food Service Worker	8.28
07210 - Meat Cutter	13.77
07260 - Waiter/Waitress	9.23
09000 - Furniture Maintenance And Repair Occupations	
09010 - Electrostatic Spray Painter	17.05
09040 - Furniture Handler	12.27
09080 - Furniture Refinisher	17.05
09090 - Furniture Refinisher Helper	12.86
09110 - Furniture Repairer, Minor	14.77
09130 - Upholsterer	17.05
11000 - General Services And Support Occupations	
11030 - Cleaner, Vehicles	9.62
11060 - Elevator Operator	9.62
11090 - Gardener	13.88
11122 - Housekeeping Aide	9.99
11150 - Janitor	9.99
11210 - Laborer, Grounds Maintenance	10.72
11240 - Maid or Houseman	8.86
11260 - Pruner	10.07
11270 - Tractor Operator	12.94
11330 - Trail Maintenance Worker	10.72

11360 - Window Cleaner	11.14
12000 - Health Occupations	
12010 - Ambulance Driver	14.67
12011 - Breath Alcohol Technician	14.74
12012 - Certified Occupational Therapist Assistant	20.78
12015 - Certified Physical Therapist Assistant	18.90
12020 - Dental Assistant	13.03
12025 - Dental Hygienist	30.54
12030 - EKG Technician	23.74
12035 - Electroneurodiagnostic Technologist	23.74
12040 - Emergency Medical Technician	14.67
12071 - Licensed Practical Nurse I	14.56
12072 - Licensed Practical Nurse II	16.29
12073 - Licensed Practical Nurse III	18.17
12100 - Medical Assistant	12.85
12130 - Medical Laboratory Technician	13.99
12160 - Medical Record Clerk	12.64
12190 - Medical Record Technician	14.89
12195 - Medical Transcriptionist	14.45
12210 - Nuclear Medicine Technologist	31.97
12221 - Nursing Assistant I	10.00
12222 - Nursing Assistant II	11.24
12223 - Nursing Assistant III	12.26
12224 - Nursing Assistant IV	13.77
12235 - Optical Dispenser	15.17
12236 - Optical Technician	12.73
12250 - Pharmacy Technician	14.80
12280 - Phlebotomist	13.77
12305 - Radiologic Technologist	21.51
12311 - Registered Nurse I	22.82
12312 - Registered Nurse II	27.91
12313 - Registered Nurse II, Specialist	27.91
12314 - Registered Nurse III	33.76
12315 - Registered Nurse III, Anesthetist	33.76
12316 - Registered Nurse IV	40.47
12317 - Scheduler (Drug and Alcohol Testing)	18.69
13000 - Information And Arts Occupations	
13011 - Exhibits Specialist I	16.49
13012 - Exhibits Specialist II	20.44
13013 - Exhibits Specialist III	25.00
13041 - Illustrator I	18.72
13042 - Illustrator II	23.20
13043 - Illustrator III	28.30
13047 - Librarian	22.73
13050 - Library Aide/Clerk	10.45
13054 - Library Information Technology Systems Administrator	20.53
13058 - Library Technician	13.18
13061 - Media Specialist I	14.81
13062 - Media Specialist II	16.57
13063 - Media Specialist III	18.48
13071 - Photographer I	15.59
13072 - Photographer II	17.59
13073 - Photographer III	21.61
13074 - Photographer IV	26.44
13075 - Photographer V	31.98
13110 - Video Teleconference Technician	16.34
14000 - Information Technology Occupations	
14041 - Computer Operator I	15.11

14042 - Computer Operator II	16.90
14043 - Computer Operator III	19.95
14044 - Computer Operator IV	21.75
14045 - Computer Operator V	24.10
14071 - Computer Programmer I	(see 1) 23.80
14072 - Computer Programmer II	(see 1)
14073 - Computer Programmer III	(see 1)
14074 - Computer Programmer IV	(see 1)
14101 - Computer Systems Analyst I	(see 1)
14102 - Computer Systems Analyst II	(see 1)
14103 - Computer Systems Analyst III	(see 1)
14150 - Peripheral Equipment Operator	14.59
14160 - Personal Computer Support Technician	21.75
15000 - Instructional Occupations	
15010 - Aircrew Training Devices Instructor (Non-Rated)	31.89
15020 - Aircrew Training Devices Instructor (Rated)	38.58
15030 - Air Crew Training Devices Instructor (Pilot)	42.72
15050 - Computer Based Training Specialist / Instructor	31.89
15060 - Educational Technologist	22.83
15070 - Flight Instructor (Pilot)	42.72
15080 - Graphic Artist	19.67
15090 - Technical Instructor	18.64
15095 - Technical Instructor/Course Developer	22.82
15110 - Test Proctor	15.04
15120 - Tutor	15.04
16000 - Laundry, Dry-Cleaning, Pressing And Related Occupations	
16010 - Assembler	9.04
16030 - Counter Attendant	9.04
16040 - Dry Cleaner	12.02
16070 - Finisher, Flatwork, Machine	9.04
16090 - Presser, Hand	9.04
16110 - Presser, Machine, Drycleaning	9.04
16130 - Presser, Machine, Shirts	9.04
16160 - Presser, Machine, Wearing Apparel, Laundry	9.04
16190 - Sewing Machine Operator	12.90
16220 - Tailor	13.67
16250 - Washer, Machine	10.09
19000 - Machine Tool Operation And Repair Occupations	
19010 - Machine-Tool Operator (Tool Room)	18.68
19040 - Tool And Die Maker	21.89
21000 - Materials Handling And Packing Occupations	
21020 - Forklift Operator	14.31
21030 - Material Coordinator	18.38
21040 - Material Expediter	18.38
21050 - Material Handling Laborer	11.67
21071 - Order Filler	11.96
21080 - Production Line Worker (Food Processing)	14.31
21110 - Shipping Packer	13.08
21130 - Shipping/Receiving Clerk	13.08
21140 - Store Worker I	10.83
21150 - Stock Clerk	15.07
21210 - Tools And Parts Attendant	14.31
21410 - Warehouse Specialist	14.31
23000 - Mechanics And Maintenance And Repair Occupations	
Aerospace Structural Welder	25.76
23021 - Aircraft Mechanic I	24.30
23022 - Aircraft Mechanic II	25.76
23023 - Aircraft Mechanic III	26.95
23040 - Aircraft Mechanic Helper	16.74

23050 - Aircraft, Painter	22.63
23060 - Aircraft Servicer	19.31
23080 - Aircraft Worker	20.59
23110 - Appliance Mechanic	18.84
23120 - Bicycle Repairer	12.41
23125 - Cable Splicer	25.98
23130 - Carpenter, Maintenance	17.48
23140 - Carpet Layer	16.82
23160 - Electrician, Maintenance	20.33
23181 - Electronics Technician Maintenance I	21.64
23182 - Electronics Technician Maintenance II	23.70
23183 - Electronics Technician Maintenance III	25.21
23260 - Fabric Worker	17.27
23290 - Fire Alarm System Mechanic	20.83
23310 - Fire Extinguisher Repairer	16.01
23311 - Fuel Distribution System Mechanic	23.58
23312 - Fuel Distribution System Operator	17.93
23370 - General Maintenance Worker	16.62
23380 - Ground Support Equipment Mechanic	24.30
23381 - Ground Support Equipment Servicer	19.31
23382 - Ground Support Equipment Worker	20.59
23391 - Gunsmith I	16.01
23392 - Gunsmith II	18.54
23393 - Gunsmith III	21.06
23410 - Heating, Ventilation And Air-Conditioning Mechanic	19.11
23411 - Heating, Ventilation And Air Conditioning 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 Care Attendant	24570 - Child 9.97

24580 - Child Care Center Clerk	12.45
24610 - Chore Aide	9.86
24620 - Family Readiness And Support Services Coordinator	11.70
24630 - Homemaker	13.78
25000 - Plant And System Operations Occupations	
25010 - Boiler Tender	25.82
25040 - Sewage Plant Operator	19.53
25070 - Stationary Engineer	25.82
25190 - Ventilation Equipment Tender	17.29
25210 - Water Treatment Plant Operator	19.53
27000 - Protective Service Occupations	
27004 - Alarm Monitor	15.44
27007 - Baggage Inspector	12.47
27008 - Corrections Officer	19.80
27010 - Court Security Officer	19.30
27030 - Detection Dog Handler	18.83
27040 - Detention Officer	19.80
27070 - Firefighter	18.02
27101 - Guard I	12.47
27102 - Guard II	18.83
27131 - Police Officer I	21.39
27132 - Police Officer II	23.69
28000 - Recreation Occupations	
28041 - Carnival Equipment Operator	10.98
28042 - Carnival Equipment Repairer	11.75
28043 - Carnival 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 I	27.51
30493 - Unexploded Ordnance (UXO) Technician I	32.97
30494 - Unexploded (UXO) Safety Escort	22.74
30495 - Unexploded (UXO) Sweep Personnel	22.74
30620 - Weather Observer, Combined Upper Air Or Surface Programs	(see 2) 20.48
30621 - Weather Observer, Senior	(see 2) 22.75
31000 - Transportation/Mobile Equipment Operation Occupations	
31020 - Bus Aide	10.64
31030 - Bus Driver	15.04
31043 - Driver Courier	11.38
31260 - Parking and Lot Attendant	8.71
31290 - Shuttle Bus Driver	12.36
31310 - Taxi Driver	10.71
31361 - Truckdriver, Light	12.36
31362 - Truckdriver, Medium	16.84
31363 - Truckdriver, Heavy	18.99
31364 - Truckdriver, Tractor-Trailer	18.99
99000 - Miscellaneous Occupations	
99030 - Cashier	8.83
99050 - Desk Clerk	9.45
99095 - Embalmer	25.48
99251 - Laboratory Animal Caretaker I	10.19
99252 - Laboratory Animal Caretaker II	10.67
99310 - Mortician	33.91
99410 - Pest Controller	14.02
99510 - Photofinishing Worker	11.77
99710 - Recycling Laborer	16.98
99711 - Recycling Specialist	20.20
99730 - Refuse Collector	15.21
99810 - Sales Clerk	11.95
99820 - School Crossing Guard	9.59
99830 - Survey Party Chief	18.63
99831 - Surveying Aide	13.27
99832 - Surveying Technician	16.93
99840 - Vending Machine Attendant	15.14
99841 - Vending Machine Repairer	18.30
99842 - Vending Machine Repairer Helper	15.14

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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 ordinance, 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.

**ATTACHMENT J-8-B: WAGE RATE REQUIREMENTS (CONSTRUCTION) – HEAVY CONSTRUCTION**

Powderman.....	\$ 21.65	8.65
Sandblaster.....	\$ 20.85	8.65

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 TEAM0222-003 02/01/2014

NATURAL GAS PIPELINE CONSTRUCTION ONLY

ZONE 1 - Kane, Piute, and Wayne County (Western Half)  
 ZONE 2 - Beaver, Emery, Grand, and Wayne County (Eastern Half)

	Rates	Fringes
TRUCK DRIVER		
ZONE 1:		
Group 1.....	\$ 31.86	10.78
Group 2.....	\$ 31.32	10.78
Group 3.....	\$ 30.99	10.78
ZONE 2:		
Group 1.....	\$ 36.01	10.78
Group 2.....	\$ 35.48	10.78
Group 3.....	\$ 32.03	10.78

Group 1: Articulated End Dump, Low Boy, Rollagon or Similar type Equipment, Truck Mechanic.

Group 2: A-Frame, Challenger(For transportation purposes), Forklift, Fuel Truck, Gin Pole, Rubber-Tired Tractor, Tandem Float (4 & 5 Axle), Track Truck/All-Track Dumper Equipment, Vacuum Truck, Winch Truck.

Group 3: Ambulance , Bus, Dump Truck (2 and 3 axle), Flatbed Truck (2 and 3 axle), Grease Truck, Hot Pass Truck (3 axle), Jeep, Pick-up, Single Axle Float (3 axle), Skid Truck (2 and 3 axle), Station Wagon, Stringer Bead & Hot Pass (2 axle), Swamp Buggy/ Marsh Buggy, or similar type equipment, Team Driver, Water Truck (2 and 3 axle).

Premium Pay:

Add \$2.25 to the above Rate for the following classifications

- Group 1: Low Boy and Truck Mechanic
- Group 2: Stringer Truck

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 SUUT2008-033 08/19/2008

	Rates	Fringes
CARPENTER, Includes Form Work (Excludes Natural Gas Pipeline Construction Form Work).....	\$ 14.75	3.03
CEMENT MASON/CONCRETE FINISHER....	\$ 14.00	0.56

LABORER: Mason Tender - Cement/Concrete.....	\$ 9.00	0.36
LABORER: Common or General (Excluding Natural Gas Pipeline Construction).....	\$ 10.92	0.00
LABORER: Pipelayer (Excluding Natural Gas Pipeline Construction).....	\$ 9.00	0.00
OPERATOR: Grader/Blade, Excludes Natural Gas Pipeline Construction.....	\$ 13.61	0.00
OPERATOR: Loader (Front End)....	\$ 11.38	0.00
OPERATOR: Roller (Dirt and Grade Compaction).....	\$ 10.89	0.00
OPERATOR: Trackhoe (Excluding Natural Gas Pipeline Construction).....	\$ 13.63	0.00
TRUCK DRIVER (Excluding Natural Gas Pipeline Construction).....	\$ 12.00	0.00

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 WELDERS - Receive rate prescribed for craft performing  
 operation to which welding is incidental.

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 Unlisted classifications needed for work not included within  
 the scope of the classifications listed may be added after  
 award only as provided in the labor standards contract clauses  
 (29CFR 5.5 (a) (1) (ii)).

-----  
 The body of each wage determination lists the classification  
 and wage rates that have been found to be prevailing for the  
 cited type(s) of construction in the area covered by the wage  
 determination. The classifications are listed in alphabetical  
 order of "identifiers" that indicate whether the particular  
 rate is a union rate (current union negotiated rate for local),  
 a survey rate (weighted average rate) or a union average rate  
 (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed  
 in dotted lines beginning with characters other than "SU" or  
 "UAVG" denotes that the union classification and rate were  
 prevailing for that classification in the survey. Example:

PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

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**ATTACHMENT J-7-C: WAGE RATE REQUIREMENTS (CONSTRUCTION) – BUILDING**

General Decision Number: UT160093 01/08/2016 UT93

Superseded General Decision Number: UT20150093

State: Utah

Construction Type: Building

County: Grand County in Utah.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.15 for calendar year 2016 applies to all contracts subject to the Davis-Bacon 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 (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).

Modification Number	Publication Date
0	01/08/2016

BOIL0004-001 01/01/2014

	Rates	Fringes
BOILERMAKER.....	\$ 32.22	27.07

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\* ELEC0354-003 06/01/2015

	Rates	Fringes
ELECTRICIAN (Excluding Low Voltage Wiring).....	\$ 30.39	11.35

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SFUT0669-003 07/01/2013

	Rates	Fringes
SPRINKLER FITTER (Fire Sprinklers).....	\$ 29.93	16.87

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SHEE0312-001 07/01/2014

	Rates	Fringes
SHEET METAL WORKER (HVAC Duct Installation Only).....	\$ 32.11	11.40

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SUUT2012-004 07/29/2014

	Rates	Fringes
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BRICKLAYER.....	\$ 23.88	0.00
CARPENTER (Acoustical Ceiling Installation Only).....	\$ 20.64	0.80
CARPENTER, Excludes Acoustical Ceiling Installation.....	\$ 21.50	0.00
CEMENT MASON/CONCRETE FINISHER...	\$ 21.11	0.00
ELECTRICIAN (Low Voltage Wiring Only).....	\$ 23.36	6.06
INSTALLER - SIDING (METAL/ALUMINUM/VINYL).....	\$ 14.75	0.00
INSULATOR - BATT.....	\$ 13.77	0.00
IRONWORKER, REINFORCING.....	\$ 15.00	0.00
IRONWORKER, STRUCTURAL.....	\$ 17.41	6.13
LABORER: Common or General.....	\$ 10.63	0.00
LABORER: Mason Tender - Brick...	\$ 16.54	0.00
OPERATOR: Backhoe/Excavator/Trackhoe.....	\$ 16.59	0.79
PLUMBER.....	\$ 24.00	4.62
TILE FINISHER.....	\$ 17.00	0.00
TILE SETTER.....	\$ 19.40	0.00

-----  
 WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

=====  
 Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

-----  
 The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests

for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

**ATTACHMENT J-7-D: WAGE RATE REQUIREMENTS (CONSTRUCTION) – HIGHWAY**

General Decision Number: UT160078 01/08/2016 UT78

Superseded General Decision Number: UT20150078

State: Utah

Construction Type: Highway

County: Grand County in Utah.

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.15 for calendar year 2016 applies to all contracts subject to the Davis-Bacon 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 (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).

Modification Number	Publication Date
0	01/08/2016

ENGI0003-063 07/01/2013

	Rates	Fringes
OPERATOR: Power Equipment		
(3) Front End Loader (Over 5 cu. yds.), Backhoe/Excavator, Backhoe Loader Combination.....	\$ 25.37	15.65
(4) Asphalt Laydown Machine, Front End Loader (2 to 5 cu. yds.), Oil Distributor.....	\$ 24.37	15.65
(5) Front End Loader (Under 2 cu. yds.).....	\$ 23.37	15.65
(7) Roller(Dirt and Grade Compaction).....	\$ 21.50	15.65
Crane (Under 35 tons)-3..	\$ 25.70	15.65
Crane (35 to 100 tons)-2..	\$ 26.99	15.65
Crane (Over 100 tons)-1..	\$ 28.33	15.65

\* IRON0027-003 07/01/2015

	Rates	Fringes
IRONWORKER, STRUCTURAL (Excluding Fence Erection and Guard Rail Installation).....	\$ 26.18	19.10

IRON0847-001 08/01/2013

	Rates	Fringes
IRONWORKER, REINFORCING.....	\$ 26.61	11.60

LABO0295-036 07/01/2014

	Rates	Fringes
LABORER		
(3)Chain/Concrete Saw, Jackhammer/Tamper,Vibrator..	\$ 20.85	8.65
(4)Asphalt Shoveler.....	\$ 21.11	8.65
(5)Hand Held Drill, Dirt Compactor (Hand Held).....	\$ 21.65	8.65

SUUT2008-062 09/10/2008

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 17.36	2.04
FORM WORKER.....	\$ 12.18	2.60
INSTALLER - GUARDRAIL.....	\$ 13.11	0.00
LABORER: Asphalt Raker.....	\$ 12.18	2.60
LABORER: Common or General.....	\$ 12.18	2.60
LABORER: Flagger.....	\$ 9.70	3.31
LABORER: Landscape.....	\$ 14.45	2.79
LABORER: Mason Tender - Cement/Concrete.....	\$ 9.00	0.36
LABORER: Pipelayer.....	\$ 15.52	2.79
LABORER: Fence Erector.....	\$ 15.27	2.79
OPERATOR: Asphalt Paver.....	\$ 20.59	6.67
OPERATOR: Asphalt Roller.....	\$ 15.82	4.00
OPERATOR: Broom/Sweeper.....	\$ 15.88	5.65
OPERATOR: Bulldozer.....	\$ 21.78	7.04
OPERATOR: Crusher.....	\$ 24.64	4.76
OPERATOR: Grade Setter.....	\$ 20.21	7.08
OPERATOR: Grader/Blade.....	\$ 18.82	7.55
OPERATOR: Mechanic.....	\$ 18.09	7.27
OPERATOR: Oiler.....	\$ 20.74	5.89
OPERATOR: Rotomill.....	\$ 24.25	6.00

OPERATOR: Scraper.....	\$ 21.51	5.57
OPERATOR: Screed.....	\$ 15.88	4.04
OPERATOR: Trackhoe.....	\$ 16.00	1.59
PAINTER, Including Parking Lot and Highway Line Striping....	\$ 14.05	1.62
SIGN Installer (Permanent and Temporary Road Signs).....	\$ 15.40	2.79
Traffic Control: Sets Cones and Barrels.....	\$ 17.14	2.79
TRUCK DRIVER.....	\$ 14.69	4.47

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WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.  
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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).  
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The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey,

it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

-----  
WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.

Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

=====

END OF GENERAL DECISION

**ATTACHMENT J-8-E: SERVICE CONTRACT LABOR STANDARDS – MOAB AND CRESCENT JUNCTION SITES CONTRACTS FOR OIL SPILLS, HAZARDOUS WASTE MATERIALS, AND RELATED CLEANUP SERVICES**

WD 96-0224 (Rev.-33) was first posted on www.wdol.gov on 01/05/2016  
 Hazardous Waste Pickup/Disposal Services

\*\*\*\*\*  
 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 | Wage Determination No: 1996-0224  
 Director Determinations | Revision No: 33  
 | 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.

NATIONWIDE: Applicable in the continental U.S. and Hawaii  
 Regions are defined as follows:

MIDWEST REGION: Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin;  
 NORTHEAST REGION: Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont;  
 SOUTH REGION: Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia;  
 WEST REGION: Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

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

Employed on contracts for removal of oil spills, hazardous waste materials and related cleanup services.

OCCUPATION CODE - TITLE	FOOTNOTE	RATE
23440 - Heavy Equipment Operator		
MIDWEST REGION		28.56
NORTHEAST REGION		27.13
SOUTH REGION		24.88
WEST REGION		28.01
23470 - Laborer		
MIDWEST REGION		16.07
NORTHEAST REGION		16.46
SOUTH REGION		12.54
WEST REGION		14.35
30090 - Environmental Technician		
MIDWEST REGION		25.42

NORTHEAST REGION	27.06
SOUTH REGION	24.10
WEST REGION	25.58
31010 - Airplane Pilot	27.51
31361 - Truckdriver, Light	
MIDWEST REGION	14.49
NORTHEAST REGION	18.18
SOUTH REGION	11.78
WEST REGION	12.26
31362 - Truckdriver, Medium	
MIDWEST REGION	23.37
NORTHEAST REGION	23.41
SOUTH REGION	19.88
WEST REGION	21.95
31363 - Truckdriver, Heavy	
MIDWEST REGION	24.49
NORTHEAST REGION	24.59
SOUTH REGION	20.83
WEST REGION	23.04

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ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans. Minimum employer contributions costing an average of \$4.27 per hour computed on the basis of all hours worked by service employees employed on the contract.

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)

VACATION (Hawaii): 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 10 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)

HEALTH & WELFARE (Hawaii): \$1.69 per hour, or \$67.60 per week, or \$292.93 per month hour for all employees on whose behalf the contractor provides health care benefits pursuant to the Hawaii prepaid Health Care Act. For those employees who are not receiving health care benefits mandated by the Hawaii prepaid Health Care Act, the new health and welfare benefit rate will be \$4.27 per hour.

\*\* UNIFORM ALLOWANCE \*\*

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the

hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

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

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract.

{See Section 4.6 (C) (vi)} When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).
- 2) After contract award, the contractor prepares a written report listing in order proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.
- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour

Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).

4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.

5) The contracting officer transmits the Wage and Hour decision to the contractor.

6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

**SECTION J – LIST OF ATTACHMENTS**

**ATTACHMENT J-9**

**QUALITY ASSURANCE SURVEILLANCE PLAN**

**(Insert within 45 days after award)**

**SECTION J – LIST OF ATTACHMENTS**

**ATTACHMENT J-10**

**INTERFACE MATRIX REQUIREMENT AND GOVERNMENT FURNISHED SERVICES**

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

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

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

Interface Number	Interface Title	Interface Type	RAC	TAC	Union Pacific Railroad	Grand County, Utah	Local Emergency Response Entities	PWS Requirements
1.	Project Funding and Project Performance Information – Input into various DOE systems, such as the Integrated Planning, Accountability and Budgeting System (IPABS).	Information	Provide information to the TAC for input into DOE systems.	Maintain and input project funding and performance information into DOE systems.				C.2.1

Interface Number	Interface Title	Interface Type	RAC	TAC	Union Pacific Railroad	Grand County, Utah	Local Emergency Response Entities	PWS Requirements
2.	Safeguards and Security in accordance with DOE M 470.4.	Support	Provide security guard coverage to implement safeguards and security program. Keep property from being lost, stolen, misused, or damaged. Ensure RRM is kept contained, and no spillage occurs during shipping. Safeguarding property, as well as RRM, including during shipments.	Develop and manage safeguards and security program. Maintain property management records and Inventory. Provide security badges for DOE, RAC, TAC, subcontractors and visitors at all project sites.				C.3.2.5.2 and C.4.6.2
3.	Site Access to Radiological Controlled Areas	Support	Control access to radiological areas. Implement badging requirements consistent with DOE M 470.4-2 at the Moab and Crescent Junction sites.	Provide training certification information for radiological area access.				C.3.2.5.6 and C.4.6.6
4.	Lifecycle Baseline and Contract Work Plan	Information	Provide information to TAC when requested, for the baseline, schedule, cost, and change control administrative functions.	Responsibility for Moab Project baseline, schedule, cost, and Change Control Administrative functions.				C.2.1

Interface Number	Interface Title	Interface Type	RAC	TAC	Union Pacific Railroad	Grand County, Utah	Local Emergency Response Entities	PWS Requirements
5.	Computer equipment, hardware, software, IT support	Information and Support	Initiate requests for additional hardware and software through TAC's Help Desk.  Safeguard equipment within its possession.	Provide all computer equipment, hardware and software. Process requests from RAC timely and in conformance with project's system configuration and software management processes when applicable. Responsible for IT infrastructure at all project sites, including computers, servers, and network internet access. Provide and maintain all radio communication systems.				Section J, Attachment 5, Government Property List
6.	Public Affairs	Information and Support	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.3.2.5.3 and C.4.6.3
7.	Records Management	Support	Perform internal records management functions under the basic IDIQ contract and provisions of the task order. Provide official project records necessary for TAC's Records Management program 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. Develop and maintain the Project's Record Management Plan and File Plans.				C.3.2.5.9 and C.4.6.9

Interface Number	Interface Title	Interface Type	RAC	TAC	Union Pacific Railroad	Grand County, Utah	Local Emergency Response Entities	PWS Requirements
8.	Real and Personal Property	Information and Support	Maintain accountability of assigned personal property. Provide facilities maintenance input to the TAC Property Manager	Maintain DOE's Real and Personal Property Management Program, including fleet management.				C.3.1 and C.4.1
9.	Documentation and Website Support	Support	Adhere to requirements outlined in the Project's Document Production Manual and Document Style Guide.	Develop and maintain the Document Production Manual and Document Style Guide. Provide document production support, graphics and website development, reproduction and printing services, and technical writing services to DOE and RAC.				C.3.2.5.3 and C.4.6.3
10.	Ground Water Management	Support	O&M clean water construction pond, above-ground water storage tank.	Responsible for O&M of the extraction and injections wells, and groundwater sampling, analysis, reporting and equipment that is fed by the extraction and injection wells.				C.3.2.3

Interface Number	Interface Title	Interface Type	RAC	TAC	Union Pacific Railroad	Grand County, Utah	Local Emergency Response Entities	PWS Requirements
11.	Environment, Safety, Health and Quality (ESH&Q)	Information and Support	Responsible for ESH&Q within its own organization. Coordinate with TAC on project-related programmatic ESH&Q responsibilities.	Overall project-wide and programmatic responsibility for ESH&Q. Responsible for its own safety performance and quality. Provide assistance as required by DOE to support project safety and quality efforts. Perform independent appraisal of work performed by RAC.				C.3.2.5.4 and C.4.6.4
12.	Ten-Year Site Plan	Information and Support	Provide data and support as necessary	Prepare and submit Ten-Year Site Plan annually.				C.2.1
13.	Training	Support	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.3.2.5.7 and C.4.6.7
14.	Management	Information and Support	Interface with TAC Management as necessary.	Interface with RAC Management as necessary.				

Interface Number	Interface Title	Interface Type	RAC	TAC	Union Pacific Railroad	Grand County, Utah	Local Emergency Response Entities	PWS Requirements
15.	Vicinity Properties (VP)	Support	Remediate VPs, as directed by CO.	Perform Inclusion/Exclusion surveys on VPs, to determine RRM content. Conduct Independent Verification. Prepare completion reports.				C.1.2 and C.5
16.	Train movement coordination	Support	Send UP paperwork on railcars/containers; take UP personnel to train when ready.		Provide personnel to move train; give authorization to move train. Perform main line maintenance and repairs.			C.3.2.2 and C.3.2.4
17.	Information Sharing, Event Reporting	Information and Support	Provide information to TAC and Grand County when events occur.	Notify Grand County when an abnormal event occurs. Forward information to County officials and provide filtered information to County officials and the public upon request.		Provide information to the public if appropriate.		C.3.2.5.3 and C.4.6.3
18.	Emergency Medical Response	Information and Support	Notify local responders in case of accident or injury on Moab or Crescent Junction sites.  If injured party(ies) is in Contamination Area, move to a location that is accessible by the ambulance.				Respond to the site where medical emergency exists; provide medical treatment to injured person(s), and transport to medical facility if appropriate.	C.3.2.5.4 and C.4.6.4

**SECTION J – LIST OF ATTACHMENTS**

**ATTACHMENT J-11**

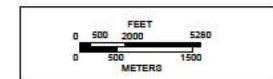
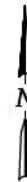
**SITE MAPS INCLUDING ASPHALT AREAS**

[See next five pages]



Asphalt

Total estimated area  
 1736494 ft<sup>2</sup>  
 39.86 acres



NA	06/23/15	ASPHALT AREAS ONLY	EKR	
REVISION NO.	DATE	DESCRIPTION	DRAWN	CHECKED
U.S. DEPARTMENT OF ENERGY		REMEDIAL ACTION CONTRACTOR		
GRAND JUNCTION, COLORADO		Work Performed by Under DOE Contract		
PROJECT LOCATION	ISSUED	APPROVALS	MOAB, UTAH	
	DATE	BY		
REFERENCE	DATE	BY	MOAB SITE ASPHALT AREA ESTIMATES	
			REV. NO.	SHEET OF
			DE-DT0002858	1/1
			ISSUED BY	DATE
			ALPHAL AREAS DMO	

A c e s N a o n l a k

191

191

279

Maintenance Shop  
Lidding Structure

Tailings Pile

Evaporation Pond

Colorado River

Well Field

South DOE Property

Legend:

- Red solid line: e end
- Black dashed line: S B
- Purple dashed line: B

North arrow pointing up.

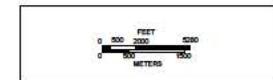
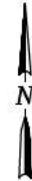
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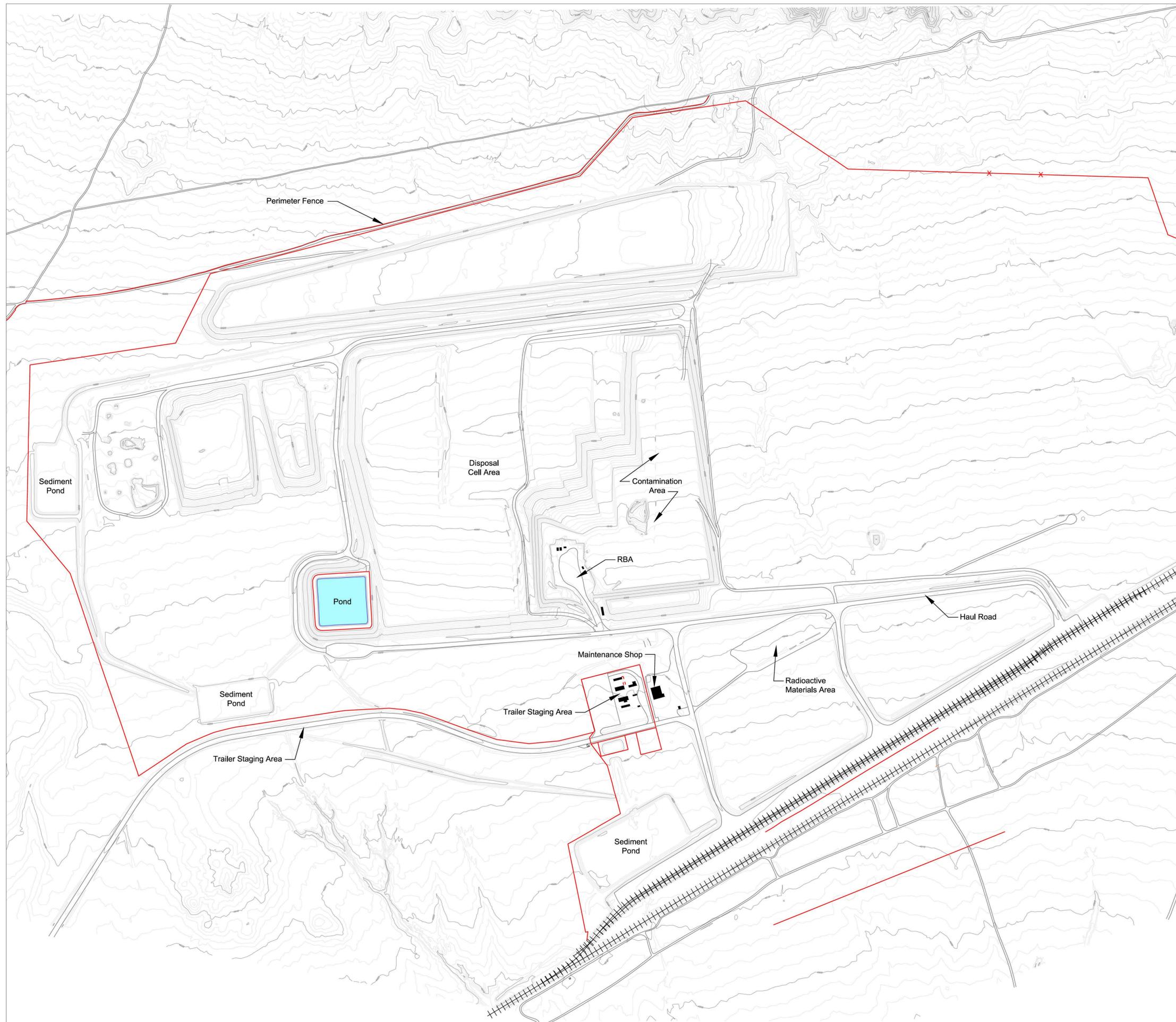


Asphalt

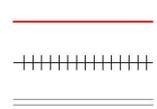
Total estimated area  
 986439.8 ft<sup>2</sup>  
 22.65 acres



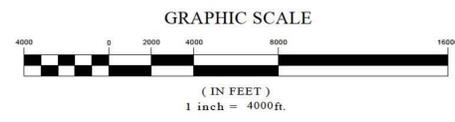
NA	06/23/15	CRESCENT JUNCTION ASPHALT AREAS	EKR		
REVISION NO.	DATE	DESCRIPTION	DRAWN	DATE	APPROVAL
		<b>U.S. DEPARTMENT OF ENERGY</b>	REMEDIAL ACTION CONTRACTOR		
		GRAND JUNCTION, COLORADO	Work Performed by Under DOE Contract		
PROJECT LOCATION	CRESCENT JUNCTION, UTAH				
REFERENCE	FIGURE	APPROVALS	CJ SITE ASPHALT AREA ESTIMATES		
	NO. 101	DATE	DE-DT0002858	SHEET	OF
	NO. 101	DATE	ASPHALT AREAS DWG	SHEET	OF



e end



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**JEJACOBS**  
 125 Broadway Ave. - Oak Ridge, Tennessee 37830  
 Tel: 865-220-4800 Fax: 865-220-6170  
 JACOBS PROJECT NO: 35D2600

SEAL

REVISION NO.	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	PROJECT ASST	APPROVAL
<b>U.S. DEPARTMENT OF ENERGY</b> GRAND JUNCTION, COLORADO			Work Performed by <b>EnergySolutions / Jacobs</b> Under DOE Contract No. DE-AM09-05SR22406			
PROJECT LOCATION			APPROVALS		DATE	
REFERENCE			ENGINEER			
			DISCIPLINE LEAD			
			APPROVED BY			
			PROJECT MANAGER			
			PROJECT NO.		SHT.	OF
			DRAWING NO.			

**SECTION J – LIST OF ATTACHMENTS**

**ATTACHMENT J-12**

**LIST OF MAINTENANCE REQUIREMENTS AND FREQUENCY –  
 EQUIPMENT AND FACILITIES**

The List of Maintenance Requirements and Frequency is subject to change prior to the effective date of the period of performance of this task order.

**EQUIPMENT:**

**Next Service**

(as of 5/19/2015 10:25 36 AM)

Asset ID	Group Name	Schedule ID	Frequency	Percent Due	Next Date	Units Left
<i>CRESCENT JUNCTION</i>						
<i>\CRESCENT JUNCTION</i>						
02-19 [1990 Fuel/Lube Truck]	MECHANIC - LUBE/FLATBED TRUCK	1000 HR	1000	51 %	5/19/2017	487 7
		250 HR	250	20 %	3/11/2016	199 4
		500 HR	500	10 %	3-23-2017	449 4
02-20 [1990 Mechanic Truck]	MECHANIC - LUBE/FLATBED TRUCK	1000 HR	1000	38 %	12/11/2018	623 6
		250 HR	250	46 %	2/11/2016	135
		500 HR	500	75 %	1-18-2016	123 6
02-24 [2003 Chevy Duramax]	VEHICLE	REGULAR SERVICE	3000	16 %	7-4-2015	2515
02-25 [2007 CHEVY 1500]	VEHICLE	REGULAR SERVICE	3000	90 %	5-13-2015	308
02-26 [2006 FORD F250]	VEHICLE	REGULAR SERVICE	3000	43 %	1-15-2016	1707
02-27 [2004 FORD E350 VAN]	VEHICLE	REGULAR SERVICE	3000	18 %	5-24-2015	2473 9
03-01 [Off Road Haul Truck]	HM400 Articulated Truck	1000 HR	1000	49 %	11/21/2015	506
		500 HR	500	100 %	4/4/2015	-16
03-02 [Off Road Haul Truck]	HM400 Articulated Truck	1000 HR	1000	47 %	10/13/2015	533
		500 HR	500	93 %	5/25/2015	33
03-03 [Off Road Haul Truck]	HM400 Articulated Truck	1000 HR	1000	61 %	11/11/2015	389 9
		500 HR	500	36 %	10/10/2015	320
03-04 [Off Road Haul Truck]	HM400 Articulated Truck	1000 HR	1000	83 %	7/8/2015	172 4
		500 HR	500	40 %	8/16/2015	298 4
03-05 [Off Road Haul Truck]	HM400 Articulated Truck	1000 HR	1000	77 %	7/7/2015	228 1
		500 HR	500	55 %	7/6/2015	223 2
03-06 [Off Road Haul Truck]	HM400 Articulated Truck	1000 HR	1000	62 %	8/25/2015	375 9
		500 HR	500	14 %	9/8/2015	427 9
03-07 [Off Road Haul Truck]	HM400 Articulated Truck	1000 HR	1000	100 %	5/3/2015	-49
		500 HR	500	54 %	7/18/2015	229
04-01 [Dozer]	CAT D8T	1000 HR	1000	95 %	5-19-2015	48
		2000 HR	2000	48 %	12-20-2015	1048
		250 HR	250	100 %	5-1-2015	-38
		500 HR	500	58 %	6-23-2015	212
04-02 [Motor Grader]	CAT 140	1000 HR	1000	37 %	9-7-2018	631
		2000 HR	2000	18 %	1-10-2024	1631
		250 HR	250	36 %	3-4-2016	161
		500 HR	500	74 %	1-5-2016	131
		FILTER CHANGE	14 Days	0 %	3-18-2016	304 Days

**Next Service**

(as of 5/19/2015 10:25 36 AM)

Asset ID	Group Name	Schedule ID	Frequency	Percent Due	Next Date	Units Left
05-01 [Skidster]	SKID-STEER	1000 HR	1000	21 %	12-7-2024	790 4
		2000 HR	2000	10 %	2-26-2037	1790 4
		250 HR	250	84 %	10-8-2015	40 4
		500 HR	500	42 %	10-28-2018	290 4
05-02 [Loader]	CAT 980G	1000 HOUR	1000	43 %	1-24-2018	570
		2000 HOUR	2000	22 %	11-10-2022	1570
		250 HOUR	250	35 %	2-11-2016	163
		500 HOUR	500	86 %	9-1-2015	70
05-03 [Frontend Loader]	CJ-WA500	1000 HR	1000	100 %	5-12-2015	-19
		2000 HR	2000	63 %	11-3-2015	731
		500 HR	500	56 %	7-6-2015	221
07-01 [Reach Stacker]	LINDE	1000 HR	1000	26 %	1-12-2016	740
		2000 HR	2000	13 %	12-3-2016	1740
		250 HR	250	100 %	5-13-2015	-10
		500 HR	500	52 %	8-2-2015	240
		5000 HR	5000	45 %	11-4-2017	2771
07-02 [Reach Stacker]	LINDE	1000 HR	1000	81 %	6-10-2015	186
		2000 HR	2000	61 %	9-23-2015	788 3
		250 HR	250	33 %	6-7-2015	168 3
		500 HR	500	16 %	7-20-2015	418 3
		5000 HR	5000	24 %	2-27-2017	3788 3
08-01 [5,000 Gallon Water Wagon]	WATER TRUCK	1000 HR	1000	57 %	11-26-2016	432
		250 HR	250	67 %	8-24-2015	82
		500 HR	500	34 %	7-18-2016	332
08-02 [4,000 Gallon Water Truck]	WATER TRUCK	1000 HR	1000	3 %	4-14-2016	971 9
		250 HR	250	11 %	7-31-2015	222 7
		500 HR	500	5 %	10-25-2015	472 7
DOE 02-31 [2001 GMS SUV 4X4]	VEHICLE	REGULAR SERVICE	3000	0 %	UNKNOWN	3000
DOE 04-09 [Compactor]	CAT 825H Compactor	1000 HR	1000	56 %	9-16-2015	445
		2000 HR	2000	74 %	10-9-2015	527
		250 HR	250	88 %	5-24-2015	30
		500 HR	500	44 %	8-1-2015	280
DOE 04-10 [Dozer]	KOMATSU D275	1000HR	1000	0 %	2-5-2016	1043
		2000 HR	2000	49 %	1-27-2016	1012
		500 HR	500	90 %	5-21-2015	48
DOE 05-10 [Backhoe]	CAT 416	1000 HOUR	1000	37 %	9-9-2021	632
		2000 HOUR	2000	18 %	9-22-2031	1632
		250 HOUR	250	21 %	5-3-2017	198
		500 HOUR	500	74 %	9-3-2016	132
DOE 08-05 [4,000 Gallon Water Truck]	WATER TRUCK	1000 HR	1000	12 %	11-20-2028	878 2
		250 HR	250	49 %	4-5-2017	128 2
		500 HR	500	24 %	2-19-2021	378 2

**Next Service**

(as of 5/19/2015 10:25 36 AM)

Asset ID	Group Name	Schedule ID	Frequency	Percent Due	Next Date	Units Left
<b>MOAB</b>						
<b>\CA</b>						
01-17 [Light Plant]	LIGHT PLANTS	150 HR	150	0 %	8-9-2016	150
02-03 [1999 Ford F550]	MECHANIC - LUBE/FLATBED TRUCK	1000 HR	1000	18 %	6/8/2018	818
		250 HR	250	70 %	8/20/2015	74
		500 HR	500	36 %	7-21-2016	318
02-04 [2007 Ford F650]	MECHANIC - LUBE/FLATBED TRUCK	1000 HR	1000	60 %	3/5/2016	400
		250 HR	250	38 %	9/8/2015	155
		500 HR	500	19 %	3-9-2016	405
02-05 [2001 Kenworth Lube Truck]	MECHANIC - LUBE/FLATBED TRUCK	1000 HR	1000	68 %	9/11/2015	323
		250 HR	250	57 %	6/26/2015	107
		500 HR	500	29 %	9-23-2015	357
02-06 [2004 Chevy Pick-up]	VEHICLE	REGULAR SERVICE	3000	56 %	11-22-2015	1325
03-08 [Haul Truck ]	HAUL TRUCK & TRAILER	1500 HR	1500	13 %	7/3/2017	1298
		15000 HR	15000	60 %	3/19/2025	6007
		300 HR	300	11 %	10-25-2015	267
		3000 HR	3000	7 %	12-17-2019	2798
		600 HR	600	33 %	1-13-2016	400
		900 HR	900	22 %	7-10-2016	700
03-09 [Haul Truck]	HAUL TRUCK & TRAILER	1500 HR	1500	62 %	1/23/2016	571
		15000 HR	15000	67 %	5/8/2021	4988
		300 HR	300	100 %	5-15-2015	-10
		3000 HR	3000	31 %	11-9-2017	2071
		600 HR	600	52 %	9-22-2015	290
		900 HR	900	34 %	2-1-2016	590
03-10 [Haul Truck]	HAUL TRUCK & TRAILER	1500 HR	1500	75 %	8/28/2015	378
		15000 HR	15000	76 %	1/18/2018	3621
		300 HR	300	80 %	6-3-2015	59
		3000 HR	3000	79 %	11-2-2015	621
		600 HR	600	40 %	8-23-2015	359
		900 HR	900	27 %	11-12-2015	659
03-12 [Haul Truck]	HAUL TRUCK & TRAILER	1500 HR	1500	13 %	5/2/2016	1309
		15000 HR	15000	74 %	3/7/2018	3833
		300 HR	300	64 %	6-17-2015	109
		3000 HR	3000	61 %	3-24-2016	1164
		600 HR	600	32 %	9-5-2015	409
		900 HR	900	100 %	5-15-2015	-15
03-13 [Haul Truck]	HAUL TRUCK & TRAILER	1500 HR	1500	63 %	10/14/2015	559
		15000 HR	15000	76 %	1/2/2018	3618
		300 HR	300	93 %	5-24-2015	20
		3000 HR	3000	79 %	10-29-2015	618
		600 HR	600	100 %	5-15-2015	-17
		900 HR	900	69 %	8-2-2015	283

**Next Service**  
 (as of 5/19/2015 10:25 36 AM)

Asset ID	Group Name	Schedule ID	Frequency	Percent Due	Next Date	Units Left
03-14 [Haul Truck]	HAUL TRUCK & TRAILER	1500 HR	1500	52 %	12/8/2015	720
		15000 HR	15000	75 %	4/23/2018	3793
		300 HR	300	55 %	6-26-2015	135
		3000 HR	3000	74 %	12-28-2015	793
		600 HR	600	78 %	6-26-2015	135
		900 HR	900	52 %	9-18-2015	435
03-15 [Haul Truck]	HAUL TRUCK & TRAILER	1500 HR	1500	10 %	4/26/2016	1353
		15000 HR	15000	79 %	7/8/2017	3080
		300 HR	300	49 %	6-26-2015	153
		3000 HR	3000	5 %	5-12-2017	2853
		600 HR	600	25 %	9-10-2015	453
		900 HR	900	68 %	7-30-2015	287
03-19 [Haul Truck - Artic]	KOMATSU ARTICULATED TRUCK	1000 HR	1000	89 %	6/22/2015	110
		2000 HR	2000	95 %	6/16/2015	93
		250 HR	250	68 %	6-13-2015	81
		500 HR	500	81 %	6-17-2015	96
		FILTER CHANGE	14 Days	100 %	5-18-2015	-1 Days
03-20 [Haul Truck - Artic]	KOMATSU ARTICULATED TRUCK	1000 HR	1000	38 %	11/6/2015	619
		2000 HR	2000	19 %	8/9/2016	1619
		250 HR	250	42 %	6-28-2015	146
		500 HR	500	76 %	6-20-2015	119
		FILTER CHANGE	14 Days	100 %	5-18-2015	-1 Days
03-21 [Haul Truck - Artic]	KOMATSU ARTICULATED TRUCK	1000 HR	1000	40 %	10/27/2015	600
		2000 HR	2000	20 %	7/21/2016	1600
		250 HR	250	56 %	6-17-2015	110
		500 HR	500	80 %	6-14-2015	100
		FILTER CHANGE	14 Days	100 %	5-18-2015	-1 Days
04-03 [2008 D6T Dozer]	CAT D6T	1000 HR	1000	45 %	11-8-2015	555
		2000 HR	2000	70 %	11-21-2015	596
		250 HR	250	78 %	6-4-2015	54
		500 HR	500	89 %	6-5-2015	55
		FILTER CHANGE	14 Days	50 %	5-26-2015	7 Days
04-04 [2009 D7R Dozer]	CAT D7R	1000 HR	1000	9 %	1-28-2016	909
		2000 HR	2000	5 %	11-4-2016	1909
		250 HR	250	36 %	7-2-2015	159
		500 HR	500	18 %	9-10-2015	409
		FILTER CHANGE	14 Days	50 %	5-26-2015	7 Days
04-05 [2008 Tractor]	CAT MT965	1000 HR	1000	65 %	12-1-2015	351
		2000 HR	2000	82 %	12-4-2015	356
		250 HR	250	64 %	7-8-2015	90
		500 HR	500	32 %	11-25-2015	340
		FILTER CHANGE	14 Days	100 %	5-18-2015	-1 Days

**Next Service**

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Asset ID	Group Name	Schedule ID	Frequency	Percent Due	Next Date	Units Left
04-07 [Motor Grader]	CAT 140	1000 HR	1000	38 %	11-12-2015	618
		2000 HR	2000	19 %	8-25-2016	1618
		250 HR	250	51 %	6-23-2015	123
		500 HR	500	76 %	6-21-2015	118
		FILTER CHANGE	14 Days	100 %	5-18-2015	-1 Days
05-04 [2006 Excavator]	EXCAVATORS	1000 HR	1000	81 %	7-3-2015	188
		2000 HR	2000	95 %	6-10-2015	92
		250 HR	250	12 %	7-11-2015	221
		500 HR	500	60 %	7-6-2015	201
		FILTER CHANGE	14 Days	100 %	5-18-2015	-1 Days
		FILTER CHANGE 125 HR	125	16 %	6-13-2015	105
05-05 [2008 Excavator]	EXCAVATORS	1000 HR	1000	24 %	8-14-2015	760
		2000 HR	2000	12 %	12-6-2015	1760
		250 HR	250	0 %	6-16-2015	250
		500 HR	500	48 %	6-17-2015	260
		FILTER CHANGE	14 Days	100 %	5-18-2015	-1 Days
		FILTER CHANGE 125 HR	125	0 %	6-2-2015	125
05-08 [2009 Frontend Loader]	KOMATSU WA500	1000 HR	1000	18 %	4-29-2016	816
		2000 HR	2000	9 %	6-28-2017	1816
		250 HR	250	74 %	6-16-2015	66
		500 HR	500	37 %	9-30-2015	316
		FILTER CHANGE	14 Days	100 %	5-18-2015	-1 Days
05-12 [CAT 345D Excavator]	EXCAVATORS	1000 HR	1000	23 %	12-26-2015	775
		2000 HR	2000	11 %	10-6-2016	1775
		250 HR	250	90 %	5-26-2015	25
		500 HR	500	45 %	8-5-2015	275
		FILTER CHANGE	14 Days	100 %	5-19-2015	0 Days
		FILTER CHANGE 125 HR	125	62 %	6-1-2015	48
08-03 [Intern'l 4,000 Gal Water Truck]	WATER TRUCK	1000 HR	1000	70 %	8-7-2016	305
		250 HR	250	60 %	10-11-2015	99
		500 HR	500	30 %	10-11-2016	349
08-04 [Kenworth 4,000 Gal Water Truck]	WATER TRUCK	1000 HR	1000	81 %	1-22-2016	192
		250 HR	250	15 %	2-17-2016	212
		500 HR	500	59 %	2-8-2016	205
08-08 [Peterbilt 4,000 Gal Water Truck]	WATER TRUCK	1000 HR	1000	54 %	11-17-2015	458
		250 HR	250	70 %	6-17-2015	74
		500 HR	500	35 %	9-24-2015	324
08-09 [Peterbilt 4,000 Gal Water Truck]	WATER TRUCK	1000 HR	1000	30 %	1-2-2016	698
		250 HR	250	29 %	7-15-2015	177
		500 HR	500	60 %	7-22-2015	198
DOE 01-131 [Generator - #131 SW Corner]	GENERATORS	GENERATORS	8 Days	100 %	5-15-2015	-4 Days
DOE 01-132 [Generator - #132 Metzlerland]	GENERATORS	GENERATORS	8 Days	100 %	5-15-2015	-4 Days

**Next Service**

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Asset ID	Group Name	Schedule ID	Frequency	Percent Due	Next Date	Units Left
DOE 01-14 [Light Plant]	LIGHT PLANTS	150 HR	150	15 %	6-23-2015	128
DOE 01-26 (01-133) [Generator - #133 Pond]	GENERATORS	GENERATORS	8 Days	100 %	5-15-2015	-4 Days
DOE 02-11 [1980 Jeep Mechanic Truck]	VEHICLE	REGULAR SERVICE	3000	7 %	11-30-2021	2796
DOE 02-13 [1989 Ford Bronco]	VEHICLE	REGULAR SERVICE	3000	34 %	7-23-2017	1966
DOE 02-16 [1992 Ram 350 Van]	VEHICLE	REGULAR SERVICE	3000	6 %	7-29-2019	2812
DOE 02-17 [2001 Ford Expedition]	VEHICLE	REGULAR SERVICE	3000	16 %	11-9-2016	2507
DOE 02-18 [1993 Chevy Suburban]	VEHICLE	REGULAR SERVICE	3000	4 %	9-13-2018	2879
DOE 02-21 [1991 Chevy Blazer]	MECHANIC - LUBE/FLATBED TRUCK	1000 HR	1000	35 %	UNKNOWN	651
		250 HR	250	40 %	UNKNOWN	151
		500 HR	500	30 %	UNKNOWN	349
DOE 08-06 [Peterbilt 4,000 Gal Water Truck]	WATER TRUCK	1000 HR	1000	4 %	12/5/2019	958
		250 HR	250	17 %	5/13/2016	208
		500 HR	500	8 %	7/21/2017	458
DOE M01260 [Gorman Rupp 4" Pump (TAC)]	Evap System Pumps	250 HR	250	1 %	3/8/2016	248
DOE S20458 [Power Prime 4" Pump (TAC)]	Evap System Pumps	250 HR	250	17 %	8/29/2015	207
TAC GENERATOR [TAC Generator]	GENERATORS	GENERATORS	8 Days	100 %	5/14/2015	-5 Days
<b>MOAB</b>						
\CLEAN AREA						
02-08 [Mechanic Truck]	VEHICLE	REGULAR SERVICE	3000	11 %	8-24-2032	2671
02-22 [2000 Ford Flat Bed]	MECHANIC - LUBE/FLATBED TRUCK	1000 HR	1000	31 %	UNKNOWN	693
		250 HR	250	23 %	UNKNOWN	193
		500 HR	500	39 %	UNKNOWN	307
03-11 [Haul Truck]	HAUL TRUCK & TRAILER	1500 HR	1500	74 %	6/13/2015	389 8
		15000 HR	15000	55 %	8/13/2016	6758 8
		300 HR	300	82 %	5-21-2015	53 8
		3000 HR	3000	37 %	9-21-2015	1889 8
		600 HR	600	41 %	6-10-2015	353 8
		900 HR	900	18 %	7-6-2015	740 3
03-16 [Haul Truck]	HAUL TRUCK & TRAILER	1500 HR	1500	47 %	11/18/2015	799
		15000 HR	15000	64 %	10/14/2018	5393
		300 HR	300	0 %	11-9-2069	86187 5
		3000 HR	3000	23 %	10-29-2016	2299
		600 HR	600	0 %	1-17-2070	86487 5
03-17 [Haul Truck]	HAUL TRUCK & TRAILER	900 HR	900	0 %	3-28-2070	86787 5
		1500 HR	1500	80 %	7/18/2015	293
		15000 HR	15000300	67 %	3/6/2018	4901
		300 HR	3000	59 %	6-12-2015	122
		3000 HR	600	40 %	5-26-2016	1793
600 HR	900	81 %	6-11-2015	115		
900 HR		100 %	5-13-2015	-24 5		

**Next Service**

(as of 5/19/2015 10:25 36 AM)

Asset ID	Group Name	Schedule ID	Frequency	Percent Due	Next Date	Units Left
03-18 [Haul Truck]	HAUL TRUCK & TRAILER	1500 HR	1500	60 %	10/19/2015	597
		15000 HR	15000	64 %	2/24/2019	5337
		300 HR	300	82 %	5-31-2015	54
		3000 HR	3000	30 %	11-9-2016	2097
		600 HR	600	97 %	5-23-2015	20
		900 HR	900	64 %	8-8-2015	320
05-06 [Backhoe]	CAT 420D	1000 HR	1000	76 %	5-17-2016	238
		2000 HR	2000	88 %	5-17-2016	238
		250 HR	250	81 %	7-29-2015	47
		50 HR	50	76 %	6-5-2015	12
		500 HR	500	41 %	8-15-2016	297
05-07 [Skidster]	SKID-STEER	1000 HR	1000	72 %	2-25-2025	280
		2000 HR	2000	86 %	2-25-2025	280
		250 HR	250	88 %	6-3-2016	30
		500 HR	500	44 %	2-25-2025	280
07-03 [Reach Stacker]	LINDE	1000 HR	1000	8 %	12-24-2015	918
		2000 HR	2000	59 %	11-30-2015	817
		250 HR	250	33 %	6-27-2015	168
		500 HR	500	16 %	8-26-2015	418
		5000 HR	5000	62 %	8-19-2016	1913
07-04 [Reach Stacker]	LINDE	1000 HR	1000	24 %	11-30-2015	763
		2000 HR	2000	47 %	2-16-2016	1064
		250 HR	250	95 %	5-21-2015	13
		500 HR	500	47 %	7-24-2015	263
		5000 HR	5000	59 %	10-27-2016	2047
07-05 [Reach Stacker]	LINDE	1000 HR	1000	52 %	9-9-2015	476
		2000 HR	2000	26 %	5-6-2016	1476
		250 HR	250	89 %	5-24-2015	28
		500 HR	500	100 %	5-13-2015	-24
		5000 HR	5000	10 %	4-26-2018	4476
07-08 [Gantry Crane]	GANTRY	1000 HR	1000	100 %	4-25-2015	-62
		2000 HR	2000	53 %	5-7-2016	938
		250 HR	250	42 %	7-11-2015	145
		50 HR	50	100 %	4-28-2015	-55
		500 HR	500	85 %	6-16-2015	77
		5000 HR	5000	87 %	1-15-2016	639
		6000 HR	6000	28 %	11-19-2019	4343
08-13 [4,000 Gallon Water Truck]	WATER TRUCK	1000 HR	1000	80 %	1-1-2017	198
		250 HR	250	17 %	1-28-2017	207
		500 HR	500	60 %	1-1-2017	198
DOE 01-32 [Maxi Space Heater]	MAXI HEATER	250 HR	250	26 %	12-7-2015	186

**Next Service**

(as of 5/19/2015 10:25 36 AM)

Asset ID	Group Name	Schedule ID	Frequency	Percent Due	Next Date	Units Left
DOE 07-12 [Gantry Crane]	GANTRY	1000 HR	1000	54 %	12-19-2015	462
		2000 HR	2000	27 %	3-31-2017	1462
		250 HR	250	1 %	9-10-2015	247
		50 HR	50	6 %	6-8-2015	47
		500 HR	500	1 %	1-5-2016	497
		5000 HR	5000	91 %	12-8-2015	437
		6000 HR	6000	20 %	7-12-2021	4807
DOE 08-07 [4,000 Gallon Water Truck]	WATER TRUCK	1000 HR	1000	11 %	6-28-2016	890
		250 HR	250	44 %	7-21-2015	140
		500 HR	500	22 %	11-12-2015	390
LIDDING BLDG []	LID-DeLID BLDG	MONTHLY	1 Months	100 %	4-17-2015	-1
		WEEKLY	7 Days	100 %	4-10-2015	-39 Days

**FACILITIES:**

**MOAB MONDAY & WEDNESDAY CLEANING MAINTENANCE ACTIVITIES**

Admin - Men's/Women's Restroom

- Clean mirrors & sinks
- Clean urinals & toilets
- Sweep & mop
- Empty trash
- Stock paper towels & toilet paper

Main Access Trailer

- Clean counters
- Clean benches
- Mop
- Empty Trash
- Empty Recyclables

Queue - Men's/Women's Restroom

- Clean mirrors & sinks
- Clean urinals & toilets
- Sweep & mop
- Empty trash
- Stock paper towels & toilet paper

DOE Trailer

- Clean all tables
- Clean chairs
- Vacuum
- Empty Trash
- Empty Recyclables

Queue - Project Trailer

- Clean all tables
- Clean microwave
- Vacuum
- Empty Trash
- Empty Recyclables
- Stock paper towels

Admin - Men's Restroom

- Clean mirrors & sinks
- Clean urinals & toilets
- Sweep & mop
- Empty trash
- Stock paper towels & toilet paper

Queue - Access Trailer

- Clean counters
- Clean benches
- Vacuum
- Empty Trash
- Empty Recyclables
- Stock paper towels

Conference Room

- Clean all tables
- Clean microwave
- Vacuum
- Empty Trash
- Empty Recyclables
- Stock paper towels

Project 2 Trailer

- Clean all tables
- Clean microwave
- Vacuum
- Empty Trash
- Empty Recyclables

Unload all trash into main dumpster

Administrative Trailer

- Clean all tables
- Clean microwave
- Vacuum
- Empty Trash
- Empty Recyclables

**NOTE:** Check on bottled water and water jugs throughout applicable trailers. Re-stock as necessary.  
Check on coffee supplies, utensils & napkins throughout applicable trailers. Re-stock as necessary.  
Check cleanliness of window, window seals and light covers throughout all trailers. Clean as necessary.

**MOAB TUESDAY & THURSDAY CLEANING MAINTENANCE ACTIVITIES**

Admin - Men's/Women's Restroom

- Clean mirrors & sinks
- Clean urinals & toilets
- Sweep & mop
- Empty trash
- Stock paper towels & toilet paper

DOE Trailer

- Clean all tables
- Clean chairs
- Vacuum
- Empty Trash
- Empty Recyclables

Queue - Men's/Women's Restroom

- Clean mirrors & sinks
- Clean urinals & toilets
- Sweep & mop
- Empty trash
- Stock paper towels & toilet paper

Communications Trailer  
Field Services / Lab Trailers

- Sweep
- Mop
- Empty Trash
- Empty Recyclables

Queue - Project Trailer

Queue - Access Trailer

- Clean all tables
- Clean microwave
- Vacuum
- Empty Trash
- Empty Recyclables
- Stock paper towels

Admin - Men's Restroom

- Clean mirrors & sinks
- Clean urinals & toilets
- Sweep & mop
- Empty trash
- Stock paper towels & toilet paper

Main Access Trailer

- Clean counters
- Clean benches
- Mop
- Empty Trash
- Empty Recyclables

Conference Room

- Clean all tables
- Clean microwave
- Vacuum
- Empty Trash
- Empty Recyclables
- Stock paper towels

Project 1 Trailer

- Clean all tables
- Clean microwave
- Vacuum
- Empty Trash
- Empty Recyclables

Empty smoking stations

**NOTE:** The schedule for cleaning the DOE Trailer is dependent on DOE, RAC & TAC meetings held in this trailer, as well as other site activities (e.g., tours).

**NOTE:** Check on water jugs throughout applicable trailers. Re-stock as necessary.

Check cleanliness of window, window seals and light covers throughout all trailers. Clean as necessary.

**FACILITIES**

Site	Duty	Section C Driver	Frequency
Moab / Crescent Junction	Facility Inspections	C.3.1 / C.4.1	Quarterly
Moab / Crescent Junction	Pest Inspections	C.3.1 / C.4.1	Bi-Annually
Moab / Crescent Junction	HVAC Inspections	C.3.1 / C.4.1	Annually
Moab / Crescent Junction	Repair ruts and road degradation	C.3.1 / C.4.1	As necessary
Moab / Crescent Junction	Install overlay over all asphalt at Moab Site	C.3.1 / C.4.1	Task Order Year 4
Moab	Perform Cleaning Duties in IT Server Trailer	C.3.2.5.3	Weekly
Moab / Crescent Junction	Erosion Control Efforts	C.3.1 / C.4.1	Quarterly
Crescent Junction	Facility Inspections	C.4.1	Quarterly
Crescent Junction	Perform Cleaning Duties	C.4.6.3	Twice-Weekly

**SECTION J – LIST OF ATTACHMENTS**

**ATTACHMENT J-13**

**~~APPROXIMATE AUTOCLAVE CALCULATION BACKGROUND~~**

**(Autoclave scope removed in Mod 0033)**

**SECTION J – LIST OF ATTACHMENTS**

**ATTACHMENT J-14**

**CONTRACT WORK PLAN**

**[To be inserted within 90 days after task order award]**

## SECTION J – LIST OF ATTACHMENTS

### ATTACHMENT J-15

#### WORK REFERENCE GUIDE

Category I. Service Contract Labor Standards Act. The Service Contract Labor Standards Act covers work performed by “service workers”. Service workers are your salaried workforce (excluding exempt classifications) and hourly workforce performing covered work. Covered work will include but may not be limited to:

- Routine Maintenance such as grass cutting, housekeeping, snow removal, patching/fill in of potholes, minor repairs such as changing filters/greasing gears (less than 32 man hours)
- Guard service
- Operation of systems (i.e. Clean Water Construction Pond and Above-Ground Water Storage Tank)
- Inspections

Category II. Wage Requirements (Construction). The Wage Requirements (Construction) Act covers work performed by “laborers and mechanics” that involves construction, alteration, repair, painting and decorating. These workers are your hourly workforce. Covered work will include but may not be limited to:

- Major repairs such as re-contouring of roads, laying gravel on roads, major erosion controls, running new conduit/wire, installing new transformers/receptacles/utility poles, laying new floor in trailers, rail lines (more than 32 man hours to perform). BUILDING/HIGHWAY\*
- New construction (i.e. extension of utilities, new enclosures, installation of fencing) BUILDING\*
- Elaborate landscaping (clearing of a significant size area, excavation) HEAVY\*

Category III. RRM Waste/Pile Tailings/Debris. This work is performed by “laborers and mechanics” and is covered in its entirety by the Wage Requirements (Construction) Act. This includes excavation, size reducing, dust control, decontamination of containers/equipment, loading/unloading, lidding/de-lidding, waste handling, packaging, truck transport on site/off site to/at Crescent Junction, disposal, cell placement/compaction, interim cover, Phase 3 Cell Excavation/Construction. This applies whether the work is performed at MOAB or at Crescent Junction. HEAVY\*

Any work package that is questionable is to be submitted to the Contracting Officer for labor standard review.

\*Building Construction. Includes construction of sheltered enclosures with walk-in access for the purpose of housing persons, machinery, equipment or supplies; all construction of such structures; the installation of utilities and of equipment, both above and below grade levels; as well as incidental grading, utilities and paving. Such structures need not be "habitable" to be building construction. Also, the installation of heavy machinery and/or equipment does not generally change the project's character as a building.

\*Highway Construction. Includes construction, alteration or repair of roads, streets, highways, runways, taxiways, alleys, trails, paths, parking areas, and other similar projects not incidental to building or heavy construction

\*Heavy Construction. Includes those projects that are not properly classified as either "building," "highway," or "residential." Unlike these classifications, heavy construction is not a homogenous classification. Because of this catch-all nature, projects within the heavy classification may sometimes be distinguished on the basis of their particular project characteristics, and separate schedules may be issued for dredging projects, water and sewer line projects, dams, major bridges, and flood control projects.

SECTION J – LIST OF ATTACHMENTS

ATTACHMENT J-16

CONTAINER INVENTORY, INSPECTION, AND MAINTENANCE

Shorts				
Count	Container Number	Out Of Service/Repairs Needed	Serial Number	Date of Last PM
1	1		199-001	06-07-15
2	2	<i>Out of Service</i>	199-002	26-02-14
3	3	<b>Panel Repairs-CJ</b>	199-003	24-11-14
4	4		199-004	16-06-15
5	5		199-005	13-05-15
6	6		199-006	13-07-15
7	7		199-007	12-05-15
8	8		199-008	29-07-15
9	9	<b>Debris Container</b>	199-009	12-08-15
10	10		199-010	11-08-15
11	11	<b>Debris Container</b>	199-011	24-11-14
12	12	<i>Out of Service</i>	199-012	14-10-13
13	13		199-013	23-07-15
14	14		199-014	10-06-15
15	15		199-015	13-07-15
16	16		199-016	03-06-15
17	17	<b>Buffer Container-Moab</b>	199-017	09-12-14
18	18	<b>Debris Container</b>	199-018	02-06-15
19	19		199-019	10-06-15
20	20	<b>Loaded with Debris-Moab</b>	199-020	09-12-14
21	21	<b>Debris Container</b>	199-021	04-06-15
22	22	<b>Buffer Container-Moab</b>	199-022	10-12-14
23	23		199-023	07-07-15
24	24		199-024	08-06-15
25	25		199-025	11-06-15
26	26		199-026	03-06-15
27	27		199-027	15-06-15
28	28		199-028	16-07-15
29	29	<b>Debris Container</b>	199-029	09-12-14
30	30	<b>Debris Container</b>	199-030	10-06-15
31	31		199-031	16-06-15
32	32		199-032	01-06-15
33	33		199-033	28-05-15
34	34		199-034	18-06-15
35	35		199-035	26-05-15
36	36	<b>Debris Container</b>	199-036	10-06-15
37	37	<b>Debris Container</b>	199-037	24-11-14
38	38	<b>Buffer Container-Moab</b>	199-038	11-12-14
39	39		199-039	13-07-15
40	40		199-040	27-05-15
41	41	<b>Buffer Container-Moab</b>	199-041	24-11-14
42	42	<b>Debris Container</b>	199-042	09-06-15
43	43	<b>Debris Container/Panel Repairs-CJ</b>	199-043	16-06-15
44	44	<b>Debris Container</b>	199-044	18-05-15

Talls				
Count	Container Number	Out of Service/Repairs Needed	Serial Number	Date of Last PM
1	800001		214-001	13-07-15
2	800002		214-002	11-08-15
3	800003		214-003	01-06-15
4	800004		214-004	19-05-15
5	800005		214-005	14-05-15
6	800006	<b>Buffer Container-Moab</b>	214-006	11-12-14
7	800007		214-007	26-05-15
8	800008		214-008	15-06-15
9	800009		214-009	22-07-15
10	800010	<b>Panel Repair-Moab</b>	214-010	09-06-15
11	800011		214-011	24-06-15
12	800012		214-012	13-05-15
13	800013		214-013	14-07-15
14	800014		214-014	14-05-15
15	800015		214-015	03-06-15
16	800016		214-016	15-06-15
17	800017		214-017	10-06-15
18	800018		214-018	06-07-15
19	800019		214-019	11-06-15
20	800020		214-020	11-06-15
21	800021		214-021	27-05-15
22	800022		214-022	11-12-14
23	800023		214-023	01-06-15
24	800024		214-024	30-07-15
25	800025		214-025	27-05-15
26	800026		214-026	09-06-15
27	800027		214-027	21-07-15
28	800028		214-028	19-05-15
29	800029		214-029	27-05-15
30	800030		214-030	19-05-15
31	800031		214-031	13-05-15
32	800032		214-032	24-11-14
33	800033	<b>Panel Repairs-Moab</b>	214-033	09-12-14
34	800034	<b>Panel Repairs-Moab</b>	214-034	11-12-14
35	800035		214-035	04-06-15
36	800036		214-036	24-11-14
37	800037		214-037	14-05-15
38	800038	<i>Permanently Out of Service</i>	214-038	19-06-12
39	800039		214-039	13-07-15
40	800040	<b>Buffer Container-Moab</b>	214-040	11-12-14
41	800041	<b>Panel Repairs-Moab</b>	214-041	11-06-15
42	800042		214-042	18-06-15
43	800043		214-043	11-06-15
44	800044		214-044	22-06-15

Shorts				
Count	Container Number	Out Of Service/Repairs Needed	Serial Number	Date of Last PM
45	45	Debris Container	199-045	29-06-15
46	46		199-046	20-07-15
47	47	Debris container/Misc-CJ Repair	199-047	24-11-14
48	48	Buffer Container-Moab	199-048	24-11-14
49	49		199-049	13-05-15
50	50	Debris Container	199-050	10-12-14
51	51	Debris Container	199-051	11-06-15
52	52		199-052	11-05-15
53	53	Debris Container	199-053	09-12-14
54	54		199-054	01-06-15
55	55		199-055	28-07-15
56	56	Misc. Repair-CJ	199-056	20-08-13
57	57		199-057	11-06-15
58	58	Debris Container	199-058	23-07-15
59	59	Debris Container	199-059	06-07-15
60	60		199-060	16-06-15
61	61	Panel Repairs-Moab	199-061	10-12-14
62	62		199-062	11-05-15
63	63		199-063	09-06-15
64	64		199-064	03-06-15
65	65		199-065	13-07-15
66	66	Debris Container	199-066	10-12-14
67	67	Debris Container	199-067	30-06-15
68	68		199-068	13-08-15
69	69	Debris Container	199-069	09-06-15
70	70		199-070	15-06-15
71	71	Buffer Container-Moab	199-071	09-12-14
72	72		199-072	18-06-15
73	73		199-073	16-06-15
74	74	Panel Repairs-Moab	199-074	09-06-15
75	75	Debris Container	199-075	12-12-14
76	76	Engineer O/S	199-076	12-03-14
77	77		199-077	13-07-15
78	78		199-078	30-07-15
79	79		199-079	09-06-15
80	80	Debris Container	199-080	14-05-15
81	81		199-081	03-06-15
82	82		199-082	09-06-15
83	83	Buffer Container-Moab	199-083	12-12-14
84	84	Loaded with Debris-Moab	199-084	09-12-14
85	85		199-085	03-06-15
86	86		199-086	30-06-15
87	87		199-087	22-07-15
88	88		199-088	11-06-15
89	89		199-089	15-07-15
90	90	Debris Container	199-090	15-06-15
91	91		199-091	06-07-15
92	92	Misc. Repair-CJ	199-092	11-12-14
93	93	Panel Repairs-Moab	199-093	26-03-14
94	94		199-094	10-06-15
95	95		199-095	06-07-15

Talls				
Count	Container Number	Out of Service/Repairs Needed	Serial Number	Date of Last PM
45	800045		214-045	21-10-13
46	800046		214-046	24-11-14
47	800047		214-047	18-05-15
48	800048		214-048	27-05-15
49	800049	Panel Repairs-Moab	214-049	24-03-14
50	800050	Panel Repairs-CJ	214-050	25-11-14
51	800051		214-051	11-06-15
52	800052	Panel Repairs-Moab	214-052	06-07-15
53	800053	Buffer Container-Moab	214-053	24-11-14
54	800054	Buffer Container-Moab	214-054	24-11-14
55	800055	Buffer Container-Moab	214-055	11-12-14
56	800056		214-056	19-08-15
57	800057		214-057	24-11-14
58	800058		214-058	11-06-15
59	800059		214-059	19-08-15
60	800060		214-060	28-05-15
61	800061		214-061	27-05-15
62	800062		214-062	16-06-15
63	800063		214-063	15-06-15
64	800064		214-064	04-06-15
65	800065		214-065	19-05-15
66	800066		214-066	18-06-15
67	800067		214-067	11-06-15
68	800068		214-068	19-05-15
69	800069	Panel Repairs-Moab	214-069	09-06-15
70	800070		214-070	14-07-15
71	800071	Buffer Container-Moab	214-071	24-11-14
72	800072	Buffer Container-Moab	214-072	24-11-14
73	800073	Buffer Container-Moab	214-073	25-11-14
74	800074		214-074	07-07-15
75	800075		214-075	30-06-15
76	800076		214-076	15-06-15
77	800077		214-077	01-06-15
78	800078		214-078	12-12-14
79	800079	Buffer Container-Moab	214-079	25-11-14
80	800080		214-080	16-07-15
81	800081		214-081	22-07-15
82	800082		214-082	15-07-15
83	800083		214-083	19-05-15
84	800084		214-084	22-07-15
85	800085		214-085	02-06-15
86	800086	Buffer Container-Moab	214-086	24-11-14
87	800087		214-087	25-06-15
88	800088		214-088	06-07-15
89	800089		214-089	11-05-15
90	800090		214-090	29-06-15
91	800091		214-091	03-06-15
92	800092		214-092	15-06-15
93	800093		214-093	27-05-15
94	800094	Buffer Container-Moab	214-094	11-12-14
95	800095		214-095	04-06-15

Shorts				
Count	Container Number	Out Of Service/Repairs Needed	Serial Number	Date of Last PM
96	96	Debris Container	199-096	12-05-15
97	97	Panel Repairs-Moab	199-097	19-03-14
98	98		199-098	16-06-15
99	99		199-099	27-05-15
100	100		199-100	10-06-15
101	101	Buffer Container-Moab	199-101	10-12-14
102	102		199-102	22-06-15
103	103		199-103	14-07-15
104	104	Misc. Repair-CJ	199-104	04-02-15
105	105		199-105	08-06-15
106	106	Panel Repairs-Moab	199-106	02-12-14
107	107	Buffer Container-Moab	199-107	24-11-14
108	108		199-108	09-06-15
109	109	Panel Repairs-CJ	199-109	10-06-15
110	110	Buffer Container-Moab	199-110	24-11-14
111	111		199-111	13-07-15
112	112		199-112	30-07-15
113	113		199-113	17-06-15
114	114	Loaded with Debris-Moab	199-114	11-12-14
115	115	Debris Container	199-115	05-08-15
116	116		199-116	18-05-15
117	117		199-117	17-06-15
118	118	Half Liner	199-118	02-06-15
119	119	Debris Container	199-119	24-06-15
120	120		199-120	27-05-15
121	121		199-121	14-05-15
122	122	Misc. Repair-CJ	199-122	29-05-13
123	123	Buffer Container-Moab	199-123	24-11-14
124	124		199-124	14-05-15
125	125	Loaded with Debris-Moab	199-125	25-11-14
126	126		199-126	16-06-15
127	127		199-127	02-06-15
128	128		199-128	09-06-15
129	129		199-129	16-06-15
130	130		199-130	06-07-15
131	131		199-131	14-07-15
132	132		199-132	03-06-15
133	133		199-133	22-07-15
134	134	Buffer Container-Moab	199-134	24-11-14
135	135		199-135	25-06-15
136	136	Misc. Repair-CJ	199-136	02-12-14
137	137	Buffer Container-Moab	199-137	24-11-14
138	138		199-138	10-06-15
139	139	Debris Container	199-139	18-05-15
140	140	Panel Repairs-Moab	199-140	24-09-13
141	141	Buffer Container-Moab	199-141	24-11-14
142	142	Panel Repairs-CJ	199-142	11-06-15
143	143		199-143	16-06-15
144	144	Permanently Out of Service	199-144	16-10-13
145	145	Debris Container	199-145	24-11-14

Talls				
Count	Container Number	Out of Service/Repairs Needed	Serial Number	Date of Last PM
96	800096	Buffer Container-Moab	214-096	24-11-14
97	800097		214-097	07-07-15
98	800098		214-098	24-06-15
99	800099	Buffer Container-Moab	214-099	11-12-14
100	800100		214-100	02-06-15
101	800101		214-101	28-05-15
102	800102		214-102	19-05-15
103	800103		214-103	20-07-15
104	800104		214-104	12-05-15
105	800105		214-105	19-05-15
106	800106		214-106	26-05-15
107	800107		214-107	25-11-14
108	800108		214-108	16-06-15
109	800109		214-109	15-07-15
110	800110	Buffer Container-Moab	214-110	09-12-14
111	800111		214-111	14-07-15
112	800112		214-112	22-06-15
113	800113		214-113	15-06-15
114	800114		214-114	22-06-15
115	800115		214-115	10-06-15
116	800116	Panel Repair-Moab	214-116	15-06-15
117	800117		214-117	11-06-15
118	800118		214-118	01-06-15
119	800119		214-119	03-06-15
120	800120		214-120	09-10-13
121	800121		214-121	19-05-15
122	800122	Panel Repair-Moab	214-122	18-06-15
123	800123		214-123	16-06-15
124	800124		214-124	06-07-15
125	800125		214-125	18-06-15
126	800126	Buffer Container-Moab	214-126	26-09-12
127	800127		214-127	18-06-15
128	800128		214-128	28-07-15
129	800129		214-129	17-06-15
130	800130		214-130	08-06-15
131	800131		214-131	08-06-15
132	800132		214-132	24-11-14
133	800133		214-133	01-06-15
134	800134		214-134	19-05-15
135	800135		214-135	25-06-15
136	800136		214-136	13-07-15
137	800137		214-137	09-06-15
138	800138		214-138	06-02-15
139	800139	Panel Repairs-CJ	214-139	17-06-15
140	800140		214-140	04-06-15
141	800141		214-141	19-05-15
142	800142		214-142	15-06-15
143	800143		214-143	13-07-15
144	800144		214-144	04-06-15
145	800145	Panel Repairs-Moab	214-145	10-06-15

Shorts				
Count	Container Number	Out Of Service/Repairs Needed	Serial Number	Date of Last PM
146	146	Debris Container	199-146	10-06-15
147	147		199-147	25-06-15
148	148		199-148	15-06-15
149	149	Debris Container	199-149	18-06-15
150	150		199-150	08-06-15
151	151		199-151	28-07-15
152	152		199-152	12-05-15
153	153		199-153	03-06-15
154	154		199-154	06-07-15
155	155	Debris Container	199-155	11-06-15
156	156	Loaded with Debris-Moab	199-156	25-11-14
157	157	Debris Container	199-157	01-06-15
158	158		199-158	11-05-15
159	159	Debris Container	199-159	15-06-15
160	160		199-160	07-07-15
161	161		199-161	16-06-15
162	162	Panel Repairs-CJ	199-162	06-02-15
163	163	Panel Repairs-CJ	199-163	04-02-15
164	164	Buffer Container-Moab	199-164	02-12-14
165	165	Buffer Container-Moab	199-165	24-11-14
166	166		199-166	13-05-15
167	167	Debris Container	199-167	01-06-15
168	168	Panel Repairs-Moab	199-168	05-02-15
169	169		199-169	15-06-15
170	170		199-170	05-08-15
171	171		199-171	23-07-15
172	172		199-172	26-05-15
173	173		199-173	22-07-15
174	174		199-174	10-06-15
175	175		199-175	27-05-15
176	176		199-176	06-07-15
177	177		199-177	20-07-15
178	178		199-178	30-07-15
179	179		199-179	09-06-15
180	180	Debris Container	199-180	10-06-15
181	181	Debris Container	199-181	24-11-14
182	182		199-182	28-05-15
183	183		199-183	26-08-15

Talls				
Count	Container Number	Out of Service/Repairs Needed	Serial Number	Date of Last PM
146	800146		214-146	04-06-15
147	800147		214-147	14-07-15
148	800148		214-148	12-05-15
149	800149		214-149	27-05-15
150	800150	Buffer Container-Moab	214-150	25-09-13
151	800151		214-151	23-07-15
152	800152	Panel Repairs-Moab	214-152	25-11-14
153	800153		214-153	12-08-15
154	800154		214-154	19-05-15
155	800155		214-155	03-06-15
156	800156	Panel Repairs-Moab	214-156	24-06-15
157	800157		214-157	09-06-15
158	800158		214-158	25-06-15
159	800159		214-159	02-06-15
160	800160		214-160	14-07-15
161	800161	Permanently Out of Service	214-161	03-06-14

### Container Inspection

After arrival at its destination and before removing the container from the conveyance, the Contractor shall inspect the general condition of the intermodal containers. This general inspection includes:

- Identification of holes in the containers.
- Identification of suspected areas of thin metal panels as indicated by spots of rust or other indicators.
- Identification of lid and tailgate gasket condition (as is possible without removing lid or opening tailgate).
- Ensuring containers are completely closed.
- Ensuring containers are securely attached to the railcar at all four corners.
- Ensuring placards, markings, and numbers are DOT-compliant.
- Ensuring the safety stickers are visible, legible, and in satisfactory condition.

If any of the above items are found to be out of compliance, DOE shall be made aware of the specific issue and the specific container.

Containers suspected of having thin metal panels will be identified and removed for a more thorough inspection. A documented inspection of the sidewall metal thickness and inspection for damages will be conducted by Contractor personnel qualified to use the ultrasonic density thickness gauge. All sidewall panels will be thickness tested a minimum of two tests per panel, randomly selected by the gauge operator, utilizing the ultrasonic density thickness gauge.

If containers are found to have metal thickness equal to or less than 0.060 inches, the effected container panel(s) shall have a metal patch installed. Containers with measurements equal to less than 0.060 inches shall have a Container Out of Service Yellow Magnet placed clearly on the sidewall.

### Container Maintenance

Preventive maintenance includes:

1. Replacement of placard and labels (see attachment 2 for correct placement of placards and labels).
2. Replacing broken or missing grease zerk fittings on hinges.
3. Lubricating hinges.
4. Replacing incorrectly sized washers on tailgate hinge pins with washers that fit more closely to the pin size. Space between pin and washers should be minimal without impeding normal operation of tailgate. Checking tailgate brackets for uneven wear and straighten accordingly. Uneven wear is defined as wear on one side of the bracket greater than the wear on the opposing bracket indicating uneven pressure applied to one side.
5. Lubricating the lid twist locks.
6. Tightening bolts.
7. Replacing broken or missing bolts.
8. Complete a visual inspection of the outside of the container. The inspection would include the following:
  - All four sides and the bottom (if possible).
  - Inspect for cracks, punctures, holes, rust spots that might indicate thin metal or areas that are suspect.
  - If any of the above items are found to be out of compliance, DOE shall be made aware of the specific issue and the specific container.

Preventive maintenance shall be performed semi-annually to aid with removal and placement of the lids and the opening and closing of the tailgates. The dates on which intermodal container preventive maintenance is performed shall be captured.

Historical Dates of Container Service

Container Number	Date of Last Service
<b>Short Containers</b>	
<b>1</b>	07/06/15
<b>2</b>	02/26/14
<b>3</b>	11/24/14
<b>4</b>	06/16/15
<b>5</b>	05/13/15
<b>6</b>	07/13/15
<b>7</b>	05/12/15
<b>8</b>	07/29/15
<b>9</b>	08/12/15
<b>10</b>	08/11/15
<b>11</b>	11/24/14
<b>12</b>	10/14/13
<b>13</b>	07/23/15
<b>14</b>	06/10/15
<b>15</b>	07/13/15
<b>16</b>	06/03/15
<b>17</b>	12/09/14
<b>18</b>	06/02/15
<b>19</b>	06/10/15
<b>20</b>	12/09/14
<b>21</b>	06/04/15
<b>22</b>	12/10/14

Container Number	Date of Last Service
23	07/07/15
24	06/08/15
25	06/11/15
26	06/03/15
27	06/15/15
28	07/16/15
29	12/09/14
30	06/10/15
31	06/16/15
32	06/01/15
33	05/28/15
34	06/18/15
35	05/26/15
36	06/10/15
37	11/24/14
38	12/11/14
39	07/13/15
40	05/27/15
41	11/24/14
42	06/09/15
43	06/16/15
44	05/18/15
45	06/29/15
46	07/20/15

Container Number	Date of Last Service
47	11/24/14
48	11/24/14
49	05/13/15
50	12/10/14
51	06/11/15
52	05/11/15
53	12/09/14
54	06/01/15
55	07/28/15
56	08/20/13
57	06/11/15
58	07/23/15
59	07/06/15
60	06/16/15
61	12/10/14
62	05/11/15
63	06/09/15
64	06/03/15
65	07/13/15
66	12/10/14
67	06/30/15
68	08/13/15
69	06/09/15
70	06/15/15

Container Number	Date of Last Service
71	12/09/14
72	06/18/15
73	06/16/15
74	06/09/15
75	12/12/14
76	03/12/14
77	07/13/15
78	07/30/15
79	06/09/15
80	05/14/15
81	06/03/15
82	06/09/15
83	12/12/14
84	12/09/14
85	06/03/15
86	06/30/15
87	07/22/15
88	06/11/15
89	07/15/15
90	06/15/15
91	07/06/15
92	12/11/14
93	03/26/14
94	06/10/15

Container Number	Date of Last Service
95	07/06/15
96	05/12/15
97	03/19/14
98	06/16/15
99	05/27/15
100	06/10/15
101	12/10/14
102	06/22/15
103	07/14/15
104	02/04/15
105	06/08/15
106	12/02/14
107	11/24/14
108	06/09/15
109	06/10/15
110	11/24/14
111	07/13/15
112	07/30/15
113	06/17/15
114	12/11/14
115	08/05/15
116	05/18/15
117	06/17/15
118	06/02/15

Container Number	Date of Last Service
119	06/24/15
120	05/27/15
121	05/14/15
122	05/29/13
123	11/24/14
124	05/14/15
125	11/25/14
126	06/16/15
127	06/02/15
128	06/09/15
129	06/16/15
130	07/06/15
131	07/14/15
132	06/03/15
133	07/22/15
134	11/24/14
135	06/25/15
136	12/02/14
137	11/24/14
138	06/10/15
139	05/18/15
140	09/24/13
141	11/24/14
142	06/11/15

Container Number	Date of Last Service
143	06/16/15
144	10/16/13
145	11/24/14
146	06/10/15
147	06/25/15
148	06/15/15
149	06/18/15
150	06/08/15
151	07/28/15
152	05/12/15
153	06/03/15
154	07/06/15
155	06/11/15
156	11/25/14
157	06/01/15
158	05/11/15
159	06/15/15
160	07/07/15
161	06/16/15
162	02/06/15
163	02/04/15
164	12/02/14
165	11/24/14
166	05/13/15

Container Number	Date of Last Service
<b>167</b>	06/01/15
<b>168</b>	02/05/15
<b>169</b>	06/15/15
<b>170</b>	08/05/15
<b>171</b>	07/23/15
<b>172</b>	05/26/15
<b>173</b>	07/22/15
<b>174</b>	06/10/15
<b>175</b>	05/27/15
<b>176</b>	07/06/15
<b>177</b>	07/20/15
<b>178</b>	07/30/15
<b>179</b>	06/09/15
<b>180</b>	06/10/15
<b>181</b>	11/24/14
<b>182</b>	05/28/15
<b>183</b>	08/26/15
<b>Tall Containers</b>	
<b>800001</b>	07/13/15
<b>800002</b>	08/11/15
<b>800003</b>	06/01/15
<b>800004</b>	05/19/15
<b>800005</b>	05/14/15
<b>800006</b>	12/11/14

Container Number	Date of Last Service
<b>800007</b>	05/26/15
<b>800008</b>	06/15/15
<b>800009</b>	07/22/15
<b>800010</b>	06/09/15
<b>800011</b>	06/24/15
<b>800012</b>	05/13/15
<b>800013</b>	07/14/15
<b>800014</b>	05/14/15
<b>800015</b>	06/03/15
<b>800016</b>	06/15/15
<b>800017</b>	06/10/15
<b>800018</b>	07/06/15
<b>800019</b>	06/11/15
<b>800020</b>	06/11/15
<b>800021</b>	05/27/15
<b>800022</b>	12/11/14
<b>800023</b>	06/01/15
<b>800024</b>	07/30/15
<b>800025</b>	05/27/15
<b>800026</b>	06/09/15
<b>800027</b>	07/21/15
<b>800028</b>	05/19/15
<b>800029</b>	05/27/15
<b>800030</b>	05/19/15

Container Number	Date of Last Service
<b>800031</b>	05/13/15
<b>800032</b>	11/24/14
<b>800033</b>	12/09/14
<b>800034</b>	12/11/14
<b>800035</b>	06/04/15
<b>800036</b>	11/24/14
<b>800037</b>	05/14/15
<b>800038</b>	06/19/12
<b>800039</b>	07/13/15
<b>800040</b>	12/11/14
<b>800041</b>	06/11/15
<b>800042</b>	06/18/15
<b>800043</b>	06/11/15
<b>800044</b>	06/22/15
<b>800045</b>	10/21/13
<b>800046</b>	11/24/14
<b>800047</b>	05/18/15
<b>800048</b>	05/27/15
<b>800049</b>	03/24/14
<b>800050</b>	11/25/14
<b>800051</b>	06/11/15
<b>800052</b>	07/06/15
<b>800053</b>	11/24/14
<b>800054</b>	11/24/14

Container Number	Date of Last Service
<b>800055</b>	12/11/14
<b>800056</b>	08/19/15
<b>800057</b>	11/24/14
<b>800058</b>	06/11/15
<b>800059</b>	08/19/15
<b>800060</b>	05/28/15
<b>800061</b>	05/27/15
<b>800062</b>	06/16/15
<b>800063</b>	06/15/15
<b>800064</b>	06/04/15
<b>800065</b>	05/19/15
<b>800066</b>	06/18/15
<b>800067</b>	06/11/15
<b>800068</b>	05/19/15
<b>800069</b>	06/09/15
<b>800070</b>	07/14/15
<b>800071</b>	11/24/14
<b>800072</b>	11/24/14
<b>800073</b>	11/25/14
<b>800074</b>	07/07/15
<b>800075</b>	06/30/15
<b>800076</b>	06/15/15
<b>800077</b>	06/01/15
<b>800078</b>	12/12/14

Container Number	Date of Last Service
<b>800079</b>	11/25/14
<b>800080</b>	07/16/15
<b>800081</b>	07/22/15
<b>800082</b>	07/15/15
<b>800083</b>	05/19/15
<b>800084</b>	07/22/15
<b>800085</b>	06/02/15
<b>800086</b>	11/24/14
<b>800087</b>	06/25/15
<b>800088</b>	07/06/15
<b>800089</b>	05/11/15
<b>800090</b>	06/29/15
<b>800091</b>	06/03/15
<b>800092</b>	06/15/15
<b>800093</b>	05/27/15
<b>800094</b>	12/11/14
<b>800095</b>	06/04/15
<b>800096</b>	11/24/14
<b>800097</b>	07/07/15
<b>800098</b>	06/24/15
<b>800099</b>	12/11/14
<b>800100</b>	06/02/15
<b>800101</b>	05/28/15
<b>800102</b>	05/19/15

Container Number	Date of Last Service
<b>800103</b>	07/20/15
<b>800104</b>	05/12/15
<b>800105</b>	05/19/15
<b>800106</b>	05/26/15
<b>800107</b>	11/25/14
<b>800108</b>	06/16/15
<b>800109</b>	07/15/15
<b>800110</b>	12/09/14
<b>800111</b>	07/14/15
<b>800112</b>	06/22/15
<b>800113</b>	06/15/15
<b>800114</b>	06/22/15
<b>800115</b>	06/10/15
<b>800116</b>	06/15/15
<b>800117</b>	06/11/15
<b>800118</b>	06/01/15
<b>800119</b>	06/03/15
<b>800120</b>	10/09/13
<b>800121</b>	05/19/15
<b>800122</b>	06/18/15
<b>800123</b>	06/16/15
<b>800124</b>	07/06/15
<b>800125</b>	06/18/15
<b>800126</b>	09/26/12

Container Number	Date of Last Service
<b>800127</b>	06/18/15
<b>800128</b>	07/28/15
<b>800129</b>	06/17/15
<b>800130</b>	06/08/15
<b>800131</b>	06/08/15
<b>800132</b>	11/24/14
<b>800133</b>	06/01/15
<b>800134</b>	05/19/15
<b>800135</b>	06/25/15
<b>800136</b>	07/13/15
<b>800137</b>	06/09/15
<b>800138</b>	02/06/15
<b>800139</b>	06/17/15
<b>800140</b>	06/04/15
<b>800141</b>	05/19/15
<b>800142</b>	06/15/15
<b>800143</b>	07/13/15
<b>800144</b>	06/04/15
<b>800145</b>	06/10/15
<b>800146</b>	06/04/15
<b>800147</b>	07/14/15
<b>800148</b>	05/12/15
<b>800149</b>	05/27/15
<b>800150</b>	09/25/13

Container Number	Date of Last Service
<b>800151</b>	07/23/15
<b>800152</b>	11/25/14
<b>800153</b>	08/12/15
<b>800154</b>	05/19/15
<b>800155</b>	06/03/15
<b>800156</b>	06/24/15
<b>800157</b>	06/09/15
<b>800158</b>	06/25/15
<b>800159</b>	06/02/15
<b>800160</b>	07/14/15
<b>800161</b>	