

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES	
			1	171
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
P00031	01/25/2021	21EM000633		
6. ISSUED BY	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE	00601
Richland Operations Office U.S. Department of Energy Richland Operations Office P.O. Box 550, MSIN H5-20 Richland WA 99352	893039	Richland Operations Office U.S. Department of Energy Richland Operations Office P.O. Box 550, MSIN A7-80 Richland WA 99352		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		(x)	9A. AMENDMENT OF SOLICITATION NO.	
Hanford Mission Integration Solutions, LLC Attn: Dalton Stupack 2490 Garlick Blvd Richland WA 99354				
			9B. DATED (SEE ITEM 11)	
		x	10A. MODIFICATION OF CONTRACT/ORDER NO. 89303320DEM000031	
			10B. DATED (SEE ITEM 13) 12/05/2019	
CODE 081308549	FACILITY CODE			
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>				
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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:		\$18,500,000.00
See Financial Plan Detail Report 21-12				
<b>13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>				
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. ORDER NO. IN ITEM 10A. Clause H.80(h), Task Ordering Procedures			
X				
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).			
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:			
	D. OTHER (Specify type of modification and authority)			
<b>E. IMPORTANT:</b> Contractor <input checked="" type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)				
<p>The purpose of this modification is to provide Hanford Mission Integration Solutions, LLC (HMIS) a Notice to Proceed for the Indefinite Delivery/Indefinite Quantity Contract Line Item Number (CLIN) 0007, Infrastructure Reliability Projects, as identified in the Task Order (TO) Request for Proposals (RFP). This authorization is in accordance with Not-to-Exceed (NTE) and obligated funding amounts for each TO RFP. This authorization is not a determination that costs incurred under the TO's are allowable. TO costs for which HMIS fails to maintain records, including supporting documentation, adequately demonstrating that the costs have been incurred, are allocable to the contract, and comply with applicable cost principles and contract terms (including but not limited to prohibitions on the allowability of profit/fee to HMIS affiliates, as provided in Clause B.10), may be fully (100 percent) disallowed by the Contracting Officer.</p> <p>Continued ...</p> <p>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.</p>				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
		Timothy E. Corbett		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED	
_____		Signature on File	01/23/2021	
(Signature of person authorized to sign)		(Signature of Contracting Officer)		

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES	
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2. AMENDMENT/MODIFICATION NO. P00031	3. EFFECTIVE DATE 01/25/2021	4. REQUISITION/PURCHASE REQ. NO. 21EM000633	5. PROJECT NO. (If applicable)	
6. ISSUED BY Richland Operations Office U.S. Department of Energy Richland Operations Office P.O. Box 550, MSIN H5-20 Richland WA 99352	CODE 893039	7. ADMINISTERED BY (If other than Item 6) Richland Operations Office U.S. Department of Energy Richland Operations Office P.O. Box 550, MSIN A7-80 Richland WA 99352	CODE	00601
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Hanford Mission Integration Solutions, LLC Attn: Dalton Stupack 2490 Garlick Blvd Richland WA 99354		(x)	9A. AMENDMENT OF SOLICITATION NO.	
CODE 081308549			9B. DATED (SEE ITEM 11)	
FACILITY CODE		x	10A. MODIFICATION OF CONTRACT/ORDER NO. 89303320DEM000031	
			10B. DATED (SEE ITEM 13) 12/05/2019	
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>				
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12. ACCOUNTING AND APPROPRIATION DATA (If required) See Financial Plan Detail Report 21-12		Net Increase:		\$18,500,000.00
<b>13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>				
CHECK ONE X	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. ORDER NO. IN ITEM 10A. Clause H.80(h), Task Ordering Procedures			
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).			
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:			
	D. OTHER (Specify type of modification and authority)			
<b>E. IMPORTANT:</b> Contractor <input checked="" type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification is to provide Hanford Mission Integration Solutions, LLC (HMIS) a Notice to Proceed for the Indefinite Delivery/Indefinite Quantity Contract Line Item Number (CLIN) 0007, Infrastructure Reliability Projects, as identified in the Task Order (TO) Request for Proposals (RFP). This authorization is in accordance with Not-to-Exceed (NTE) and obligated funding amounts for each TO RFP. This authorization is not a determination that costs incurred under the TO's are allowable. TO costs for which HMIS fails to maintain records, including supporting documentation, adequately demonstrating that the costs have been incurred, are allocable to the contract, and comply with applicable cost principles and contract terms (including but not limited to prohibitions on the allowability of profit/fee to HMIS affiliates, as provided in Clause B.10), may be fully (100 percent) disallowed by the Contracting Officer. 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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
		Timothy E. Corbett		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED	
(Signature of person authorized to sign)		(Signature of Contracting Officer)	01/23/2021	

**CONTINUATION SHEET**

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
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NAME OF OFFEROR OR CONTRACTOR  
Hanford Mission Integration Solutions, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>The following list identifies the Reliability Project TO RFPs and their associated number, title, NTE and the obligated funding amounts.</p> <p>RPTO-001, Project L-612, with an NTE amount of \$11,100,000.00. Obligated Funds are \$11,100,000.00 for this RPTO-001.</p> <p>RPTO-002, Projects L-897, L-850, and L-839 Construction, with an NTE amount of \$10,000,000.00. Obligated Funds are \$3,500,000.00 for this RPTO-002.</p> <p>RPTO-005, Various Road Projects Construction, with an NTE amount of \$4,000,000.00. Obligated Funds are \$1,400,000.00 for this RPTO-005.</p> <p>RPTO-006, Projects L-894 and L-895 Construction and L-849 Design, with an NTE amount of \$4,000,000.00. Obligated Funds are \$1,400,000.00 for this RPTO-006.</p> <p>RPTO-007, Non-DFLAW Electrical Utilities, with an NTE amount of \$2,800,000.00. Obligated Funds are \$1,100,000.00 for this RPTO-007.</p> <p>The total contract value is not increased.</p> <p>CLIN 0007 total contract value is not increased from \$385,000,000.00, as CLIN 0007 value is a NTE value of \$385,000,000.00.</p> <p>CLIN 0007 Reliability Project TO costs are increased by an NTE amount of \$31,900,000.00 as identified in Table B-3, Total Estimated Contract and Fee by Period of Performance, Table B-3.b, CLINs 0007/1007/2007 - Total Estimated Contract Cost and Fee, and Table B-4a., Total Base Period of Performance Estimated Cost and Fee by Fiscal Year.</p> <p>This modification revises the Hanford Mission Essential Services Contract (HMESC) Section B, Supplies or Services and Prices/Costs, and Attachment J.15, Request for Services and Task Order Tables. These changes are reflected in Attachment 1 - Changes. Section B and Attachment J.15 are replaced in their entirety.</p> <p>Continued ...</p>				

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NAME OF OFFEROR OR CONTRACTOR  
Hanford Mission Integration Solutions, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>HMIS shall provide the U.S. Department of Energy with proposals for the Reliability Project Task Order work scopes as identified in the schedule below. The period of performance for these proposals are reflected in the Reliability Project TO RFP's.</p> <p>The schedule for definitizing this modification is as follows:</p> <p>Contractor submits technical, cost, and fee proposal - 60 days Commence negotiations - 140 days Mutual agreement on definitization - 150 days Execute definitization contract modification - 165 days</p> <p>*Date is specified as the number of calendar days which occurs after government execution of this modification.</p> <p>In accordance with Clause I.140, Federal Acquisition Regulation 52.243-6, Change Order Accounting (Apr 1984), shall apply to this Modification P00031.</p> <p>In accordance with Contract Clause B.3, DOE-B-2013 Obligation of Funds (Oct 2014), this modification revises Section B.3(a). The amount of obligated funds is hereby increased by \$18,500,000.00 from \$9,601,365.10 to \$28,101,365.10.</p> <p>CLIN 0007 obligated funds is increased by \$18,500,000.00 from \$1,300,000.00 to \$19,800,000.00.</p> <p>Attachments: Attachment 1 - Changes Attachment 2 - Section B Conformed Attachment 3 - Attachment J.0 Conformed Attachment 4 - Attachment J.15 Conformed Attachment 5 - Financial Plan Detail Report 21-12 Attachment 6 - RPTO-001 RFP Attachment 7 - RPTO-002 RFP Attachment 8 - RPTO-005 RFP Attachment 9 - RPTO-006 RFP Attachment 10 - RPTO-007 RFP</p> <p>This modification revises Modification P00030 Continued ...</p>				

**CONTINUATION SHEET**

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NAME OF OFFEROR OR CONTRACTOR  
Hanford Mission Integration Solutions, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Block 3. Effective Date from "See Block 16C" to "01/25/2021."</p> <p>There are no other changes to the terms and conditions of the contract.</p> <p>Payment: VIPERS <a href="https://vipers.doe.gov">https://vipers.doe.gov</a> Any questions, please contact by call/email 855-384-7377 or <a href="mailto:VipersSupport@hq.doe.gov">VipersSupport@hq.doe.gov</a></p> <p>Period of Performance: 08/17/2020 to 08/16/2025</p>				

The following revisions are included with this modification:

## Section B

### Supplies or Services and Prices/Costs

#### B.3 DOE-B-2013 Obligation of Funds (Oct 2014)

(a) Pursuant to Clause I.118 of this Contract entitled FAR 52.232-22, *Limitation of Funds*, total funds in the amount(s) specified below are obligated for the payment of allowable costs and fee. It is estimated this amount is sufficient to cover performance.

**Table B-5. Total Obligated Funds**

	Obligated Amount
<b>CLIN 0001</b>	\$ 6,405,085.10
<b>CLIN 0002</b>	\$ TBD
<b>CLIN 0003</b>	\$ TBD
<b>CLIN 0004</b>	\$ TBD
<b>CLIN 0005</b>	\$ TBD
<b>CLIN 0007</b>	\$ <del>1,300,000.00</del> <u>19,800,000.00</u>
<b>CLIN 0008</b>	\$ 1,896,280.00
<b>Total</b>	\$ <del>9,601,365.10</del> <u>28,101,365.10</u>

The total obligation amount of \$~~9,601,365.10~~28,101,365.10 is available for payment of services provided from the effective date of this Contract through August 16, 2025.

**Table B-3. Total Estimated Contract Cost and Fee by Period of Performance**

Total Period of Performance											
	CLIN 0001 – Contract Transition	CLIN 0002, 1002, 2002 – Hanford Site Benefit Plans	CLIN 0003, 1003, 2003 – Legacy Benefit Plans and Legacy Workers' Compensation	CLIN 0004, 1004, 2004 – Infrastructure and Site Services	CLIN 0005, 1005, 2005 – DOE Small Business Procurement Pre-Award Support	CLIN 0006, 1006, 2006 – UBS to Be Provided to OHCs	UBS Reimbursement from OHCs (offset CLINs 0006, 1006, 2006)	CLIN Totals (excluding CLINs 0007, 1007, 2007, 0008, 1008, and 2008)	CLIN 0007, 1007, 2007 – Infrastructure Reliability Projects	CLIN 0008, 1008, 2008 – DOE Small Business Procurement Post-Award Support and Other Directed Work Scope	CLIN Totals (All CLINs)
<b>Base Period</b> (Feb 1, 2019 – Jan 31, 2024)								<b>Base Period</b>			<b>Base Period</b>
Est. Cost	\$6,405,085.10	\$233,182,337.00	\$212,893,942.00	\$1,031,097,643.93	\$898,156.08	\$340,135,393.90	(\$340,135,393.90)	\$1,484,477,164.11	<del>\$2,750,000.00</del> <del>\$34,650,000.00</del>	\$2,907,400.00	<del>\$1,490,134,564.11</del> <del>\$1,522,034,564.11</del>
Award Fee	N/A	N/A	N/A	\$72,176,835.07	\$62,870.92	\$27,210,832.00	N/A	\$99,450,537.99	TBD	TBD	\$99,450,537.99
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	TBD
Base Period Est. Cost & Fee	\$6,405,085.10	\$233,182,337.00	\$212,893,942.00	\$1,103,274,479.00	\$961,027.00	\$367,346,225.90	(\$340,135,393.90)	\$1,583,927,702.10	<del>\$2,750,000.00</del> <del>\$34,650,000.00</del>	\$2,907,400.00	<del>\$1,589,585,102.10</del> <del>\$1,621,485,102.10</del>
<b>Option 1</b> (Feb 1, 2024 – Jan 31, 2027)								<b>Option 1</b>			<b>Option 1</b>
Est. Cost	N/A	\$169,484,290.00	\$141,386,178.00	\$687,045,561.67	\$673,047.67	\$222,208,436.87	(\$222,208,436.87)	\$998,589,077.34	TBD	TBD	\$998,589,077.34
Award Fee	N/A	N/A	N/A	\$48,093,189.33	\$47,113.33	\$17,776,675.00	N/A	\$65,916,977.66	TBD	TBD	\$65,916,977.66
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	N/A
Option 1 Est. Cost & Fee	N/A	\$169,484,290.00	\$141,386,178.00	\$735,138,751.00	\$720,161.00	\$239,985,111.87	(\$222,208,436.87)	\$1,064,506,055.00	TBD	TBD	\$1,064,506,055.00
<b>Option 2</b> (Feb 1, 2027 – Jan 31, 2029)								<b>Option 2</b>			<b>Option 2</b>
Est. Cost	N/A	\$120,795,055.00	\$97,020,220.00	\$484,077,328.04	\$474,881.31	\$155,359,996.96	(\$155,359,996.96)	\$702,367,484.35	TBD	TBD	\$702,367,484.35
Award Fee	N/A	N/A	N/A	\$33,885,412.96	\$33,241.69	\$12,428,800.00	N/A	\$46,347,454.65	TBD	TBD	\$46,347,454.65
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	N/A
Option 2 Est. Cost & Fee	N/A	\$120,795,055.00	\$97,020,220.00	\$517,962,741.00	\$508,123.00	\$167,788,796.96	(\$155,359,996.96)	\$748,714,939.00	TBD	TBD	\$748,714,939.00
<b>Years 1 – 10 Subtotal</b>								<b>Subtotal</b>			<b>Subtotal</b>
Est. Cost Total	\$6,405,085.10	\$523,461,682.00	\$451,300,340.00	\$2,202,220,533.64	\$2,046,085.06	\$717,703,827.73	(\$717,703,827.73)	\$3,185,433,725.79	<del>\$2,750,000.00</del> <del>\$34,650,000.00</del>	\$2,907,400.00	<del>\$3,191,091,125.79</del> <del>\$3,222,991,125.79</del>
Award Fee Total	N/A	N/A	N/A	\$154,155,437.36	\$143,225.94	\$57,416,307.00	N/A	\$211,714,970.30	TBD	TBD	\$211,714,970.30
Fixed Fee Total	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	N/A
Est. Cost & Fee Total	\$6,405,085.10	\$523,461,682.00	\$451,300,340.00	\$2,356,375,971.00	\$2,189,311.00	\$775,120,134.73	(\$717,703,827.73)	\$3,397,148,696.10	<del>\$2,750,000.00</del> <del>\$34,650,000.00</del>	\$2,907,400.00	<del>\$3,402,806,096.10</del> <del>\$3,434,706,096.10</del>
<b>CLIN 0007/1007/2007 and 0008/1008/2008 awarded NTE ceiling amounts</b>									<b>\$385,000,000.00</b>	<b>\$225,000,000.00</b>	<b>\$4,007,148,696.10</b>
<b>Total Estimated Contract Value</b>	<b>\$4,007,148,696.10</b>										
CLIN = Contract Line Item Number N/A = Not Applicable OHC = Other Hanford Contractor TBD = To Be Determined UBS = Usage-Based Service											

Table B-3b. CLINs 0007/1007/2007 – Total Estimated Contract Cost and Fee

Total Period of Performance				
	Cost	Award Fee	Fixed Fee	Totals
RPTO-001	<del>TBD</del> \$11,100,000.00	TBD	TBD	<del>TBD</del> \$11,100,000.00
RPTO-002	<del>TBD</del> \$10,000,000.00	TBD	TBD	<del>TBD</del> \$10,000,000.00
RPTO-003	\$500,000.00	TBD	TBD	\$500,000.00
RPTO-004	\$450,000.00	TBD	TBD	\$450,000.00
RPTO-005	<del>TBD</del> \$4,000,000.00	TBD	TBD	<del>TBD</del> \$4,000,000.00
RPTO-006	<del>TBD</del> \$4,000,000.00	TBD	TBD	<del>TBD</del> \$4,000,000.00
RPTO-007	<del>TBD</del> \$2,800,000.00	TBD	TBD	<del>TBD</del> \$2,800,000.00
RPTO-008	\$1,800,000.00	TBD	TBD	\$1,800,000.00
<b>Total CLINs</b>	<del>\$2,750,000.00</del>	<b>TBD</b>	<b>TBD</b>	<del>\$2,750,000.00</del>
<b>0007/1007/2007 Costs:</b>	<del>\$34,650,000.00</del>			<del>\$34,650,000.00</del>

**Table B-4a. Total Base Period of Performance Estimated Cost and Fee by Fiscal Year**

Base Period of Performance											
	CLIN 0001 – Contract Transition	CLIN 0002, 1002, 2002 – Hanford Site Benefit Plans	CLIN 0003, 1003, 2003 – Legacy Benefit Plans and Legacy Workers' Compensation	CLIN 0004, 1004, 2004 – Infrastructure and Site Services	CLIN 0005, 1005, 2005 – DOE Small Business Procurement Pre-Award Support	CLIN 0006, 1006, 2006 – UBS to Be Provided to OHCs	UBS Reimbursement from OHCs (offset CLINs 0006, 1006, 2006)	CLIN Totals (excluding CLINs 0007, 1007, 2007, 0008, 1008, and 2008)	CLIN 0007, 1007, 2007 – Infrastructure Reliability Projects	CLIN 0008, 1008, 2008 – DOE Small Business Procurement Post-Award Support and Other Directed Work Scope	CLIN Totals (All CLINs)
<b>Transition</b> (Feb 1, 2019 – May 31, 2019)											<b>Transition</b>
Est. Cost	\$6,405,085.10	N/A	N/A	N/A	N/A	N/A	N/A	\$6,405,085.10	N/A	N/A	\$6,405,085.10
Award Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Est. Cost & Fee	\$6,405,085.10	N/A	N/A	N/A	N/A	N/A	N/A	\$6,405,085.10	N/A	N/A	\$6,405,085.10
<b>FY 2019 (Partial Year)</b> (June 1, 2019 – Sept 30, 2019)											<b>FY 2019</b>
Est. Cost	N/A	\$16,141,478.70	\$14,699,585.81	\$70,466,648.95	\$44,946.71	\$24,593,962.67	(\$24,593,962.67)	\$101,352,660.17	<del>\$2,750,000.00</del> <del>\$34,650,000.00</del>	\$2,907,400.00	<del>\$107,010,060.17</del> <del>\$138,910,060.17</del>
Award Fee	N/A	N/A	N/A	\$4,932,665.43	\$3,146.29	\$1,967,517.04	N/A	\$6,903,328.76	TBD	TBD	\$6,903,328.76
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	TBD
FY 19 Est. Cost & Fee	N/A	\$16,141,478.00	\$14,699,585.81	\$75,399,314.38	\$48,093.00	\$26,561,479.71	(\$24,593,962.67)	\$108,255,988.93	<del>\$2,750,000.00</del> <del>\$34,650,000.00</del>	\$2,907,400.00	<del>\$113,913,388.93</del> <del>\$145,813,388.93</del>
<b>FY 2020</b>											<b>FY 2020</b>
Est. Cost	N/A	\$48,186,072.53	\$44,943,639.67	\$218,097,588.15	\$157,498.63	\$74,290,990.34	(\$74,290,990.34)	\$311,384,798.98	TBD	TBD	\$311,384,798.98
Award Fee	N/A	N/A	N/A	\$15,266,831.17	\$11,024.88	\$5,943,279.70	N/A	\$21,221,135.75	TBD	TBD	\$21,221,135.75
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	TBD
FY 20 Est. Cost & Fee	N/A	\$48,186,072.53	\$44,943,639.67	\$233,364,419.32	\$168,523.51	\$80,234,270.04	(\$74,290,990.34)	\$332,605,934.73	TBD	TBD	\$332,605,934.73
<b>FY 2021</b>											<b>FY 2021</b>
Est. Cost	N/A	\$48,697,856.13	\$45,917,046.94	\$220,865,797.57	\$203,265.20	\$71,794,430.65	(\$71,794,430.65)	\$315,683,965.84	TBD	TBD	\$315,683,965.84
Award Fee	N/A	N/A	N/A	\$15,460,605.83	\$14,228.56	\$5,743,554.45	N/A	\$21,218,388.84	TBD	TBD	\$21,218,388.84
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	TBD
FY 21 Est. Cost & Fee	N/A	\$48,697,856.13	\$45,917,046.94	\$236,326,403.40	\$217,493.76	\$77,537,985.10	(\$71,794,430.65)	\$336,902,354.68	TBD	TBD	\$336,902,354.68
<b>FY 2022</b>											<b>FY 2022</b>
Est. Cost	N/A	\$48,932,835.32	\$46,026,687.75	\$222,268,172.74	\$207,938.14	\$72,282,501.38	(\$72,282,501.38)	\$317,435,633.95	TBD	TBD	\$317,435,633.95
Award Fee	N/A	N/A	N/A	\$15,558,772.09	\$14,555.67	\$5,782,600.11	N/A	\$21,355,927.87	TBD	TBD	\$21,355,927.87
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	TBD
FY 22 Est. Cost & Fee	N/A	\$48,932,835.32	\$46,026,687.75	\$237,826,944.83	\$222,493.81	\$78,065,101.49	(\$72,282,501.38)	\$338,791,561.82	TBD	TBD	\$338,791,561.82
<b>FY 2023</b>											<b>FY 2023</b>
Est. Cost	N/A	\$53,058,397.23	\$45,842,581.15	\$223,721,225.63	\$212,722.88	\$72,590,145.56	(\$72,590,145.56)	\$322,834,926.89	TBD	TBD	\$322,834,926.89
Award Fee	N/A	N/A	N/A	\$15,660,485.79	\$14,890.60	\$5,807,211.64	N/A	\$21,482,588.03	TBD	TBD	\$21,482,588.03
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	TBD
FY 23 Est. Cost & Fee	N/A	\$53,058,397.23	\$45,842,581.15	\$239,381,711.42	\$227,613.48	\$78,397,357.20	(\$72,590,145.56)	\$344,317,514.92	TBD	TBD	\$344,317,514.92
<b>FY 2024 (Partial Year)</b> (Oct 1, 2023 – Jan 31, 2024)											<b>FY 2024</b>
Est. Cost	N/A	\$18,165,697.09	\$15,464,400.68	\$75,678,210.89	\$71,784.52	\$24,583,363.30	(\$24,583,363.30)	\$109,380,093.18	TBD	TBD	\$109,380,093.18
Award Fee	N/A	N/A	N/A	\$5,297,474.76	\$5,024.92	\$1,966,669.06	N/A	\$7,269,168.74	TBD	TBD	\$7,269,168.74
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	TBD
FY 24 Est. Cost & Fee	N/A	\$18,165,697.09	\$15,464,400.68	\$80,975,685.65	\$76,809.44	\$26,550,032.36	(\$24,583,363.30)	\$116,649,261.92	TBD	TBD	\$116,649,261.92
<b>Years 1 – 5 Subtotal</b>											<b>Subtotal</b>
Est. Cost	\$6,405,085.10	\$233,182,337.00	\$212,893,942.00	\$1,031,097,643.93	\$898,156.08	\$340,135,393.90	(\$340,135,393.90)	\$1,484,477,164.11	<del>\$2,750,000.00</del> <del>\$34,650,000.00</del>	\$2,907,400.00	<del>\$1,490,134,564.11</del> <del>\$1,522,034,564.11</del>
Award Fee	N/A	N/A	N/A	\$72,176,835.07	\$62,870.92	\$27,210,832.00	N/A	\$99,450,537.99	TBD	TBD	\$99,450,537.99
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	TBD
<b>Base Period Est. Cost and Fee</b>	<b>\$6,405,085.10</b>	<b>\$233,182,337.00</b>	<b>\$212,893,942.00</b>	<b>\$1,103,274,479.00</b>	<b>\$961,027.00</b>	<b>\$367,346,225.90</b>	<b>(\$340,135,393.90)</b>	<b>\$1,583,927,702.10</b>	<del>\$2,750,000.00</del> <del>\$34,650,000.00</del>	<b>\$2,907,400.00</b>	<del>\$1,589,585,102.10</del> <del>\$1,621,485,102.10</del>

**CLIN 0007/1007/2007 - Reliability Project Task Orders**

Task Order No.	Title	RPTO Mod No.	Start Date	Completion Date	CPAF/FFP	Cost	FAC	Award Fee	Fixed Fee	Total Price	obligated funding	unobligated	appr./non appro.	Reason for Change	HMESC Mod No.	Requisition	Status
RPTO-001	Project L-612	RFP	1/25/2021	5/20/2024	CPAF	\$ 11,100,000.00	\$ -	\$ -	\$ -	\$ 11,100,000.00	\$ 11,100,000.00	\$ -	appropriated	Request for Proposals with NTE and start up funding	P00031	21EM000633	Undefinitized
RPTO-002	Projects L-897, L-850, and L-839 Construction	RFP	1/25/2021	2/28/2024	CPAF	\$ 10,000,000.00	\$ -	\$ -	\$ -	\$ 10,000,000.00	\$ 3,500,000.00	\$ 6,500,000.00	appropriated	Request for Proposals with NTE and start up funding	P00031	21EM000633	Undefinitized
RPTO-005	Various Road Projects Construction (L-883, L-534, L-934, L-603, L-789)	RFP	1/25/2021	12/31/2021	FFP	\$ 4,000,000.00	\$ -	\$ -	\$ -	\$ 4,000,000.00	\$ 1,400,000.00	\$ 2,600,000.00	appropriated	Request for Proposals with NTE and start up funding	P00031	21EM000633	Undefinitized
RPTO-006	Projects L-894 and L-895 Construction, L-849 Design	RFP	1/25/2021	4/30/2023	CPAF	\$ 4,000,000.00	\$ -	\$ -	\$ -	\$ 4,000,000.00	\$ 1,400,000.00	\$ 2,600,000.00	appropriated	Request for Proposals with NTE and start up funding	P00031	21EM000633	Undefinitized
RPTO-007	Non-DFLAW Electrical Utilities (L-707, L-720, L-801, L-791, & L-905)	RFP	1/25/2021	4/9/2024	FFP	\$ 2,800,000.00	\$ -	\$ -	\$ -	\$ 2,800,000.00	\$ 1,100,000.00	\$ 1,700,000.00	appropriated	Request for Proposals with NTE and start up funding	P00031	21EM000633	Undefinitized
<b>Total</b>		<b>5</b>				<b>\$ 31,900,000.00</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 31,900,000.00</b>	<b>\$ 18,500,000.00</b>	<b>\$ 13,400,000.00</b>			<b>5</b>		<b>5</b>

## **Part I – The Schedule**

### **Section B**

### **Supplies or Services and Prices/Costs**

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## B.1 DOE-B-2012 Supplies/Services Being Procured/Delivery Requirements (Oct 2014)

The Contractor shall furnish the personnel, facilities, equipment, material, supplies, and services (except as may be expressly set forth in this Contract as furnished by the Government) and otherwise do the things necessary for, or incident to, the performance of work as described in Section C, *Performance Work Statement* (PWS).

## B.2 Type of Contract

- (a) This is a performance-based Contract that includes Cost Reimbursement (CR) (non-fee bearing), Cost-Plus-Award-Fee (CPAF), and Indefinite Delivery/Indefinite Quantity (IDIQ) Contract Line Item Numbers (CLIN).
- (b) The Contract consists of the following CLINs (Table B-1):

**Table B-1. Contract CLIN Structure**

CLIN	CLIN Title	Contract Type	PWS Section(s)
<b>Base Period of Performance (60 months)</b>			
0001	Contract Transition (161 calendar days included in the 60 month Base Period of Performance)	CR (no fee)	Section C entitled, <i>Contract Transition</i>
0002	Hanford Site Benefit Plans	CR (no fee)	Section C entitled, <i>Responsibilities for Sponsorship, Management and Administration of Contractor Employee Pension and Other Benefit Plans</i>
0003	Legacy Benefit Plans and Legacy Workers' Compensation	CR (no fee)	Section C entitled, <i>Responsibilities for Legacy Post-Retirement Benefit Plans and Legacy Workers' Compensation</i>
0004	Infrastructure and Site Services	CPAF	Section C entitled, <i>Infrastructure and Site Services</i>
0005	DOE Small Business Procurement Pre-Award Support	CPAF	Section C entitled, <i>DOE Small Business Procurement Pre-Award Support</i>
0006	UBS to be Provided to OHCs	CPAF	Section C entitled, <i>Usage-Based Services to Be Provided to Other Hanford Contractors</i> ; Section H Clause entitled, <i>Hanford Site Services and Interface Requirements Matrix</i> , and Section J, Attachments J-3.a and J-3.b
0007	Infrastructure Reliability Projects	IDIQ	Section C entitled, <i>Infrastructure Reliability Projects</i>

**Table B-1. Contract CLIN Structure**

<b>CLIN</b>	<b>CLIN Title</b>	<b>Contract Type</b>	<b>PWS Section(s)</b>
0008	DOE Small Business Procurement Post-Award Support and Other Directed Work Scope	IDIQ	Section C entitled, <i>DOE Small Business Procurement Post-Award Support and Other Directed Work Scope</i>
<b>Option 1 Period of Performance (36 months)</b>			
1002	Hanford Site Benefit Plans	CR (no fee)	Section C entitled, <i>Responsibilities for Sponsorship, Management and Administration of Contractor Employee Pension and Other Benefit Plans</i>
1003	Legacy Benefit Plans and Legacy Workers' Compensation	CR (no fee)	Section C entitled, <i>Responsibilities for Legacy Post-Retirement Benefit Plans and Legacy Workers' Compensation</i>
1004	Infrastructure and Site Services	CPAF	Section C entitled, <i>Infrastructure and Site Services</i>
1005	DOE Small Business Procurement Pre-Award Support	CPAF	Section C entitled, <i>DOE Small Business Procurement Pre-Award Support</i>
1006	UBS to be Provided to OHCs	CPAF	Section C entitled, <i>Usage-Based Services to Be Provided to Other Hanford Contractors</i> ; Section H clause entitled, <i>Hanford Site Services and Interface Requirements Matrix</i> , and Attachments J-3.a and J-3.b
1007	Infrastructure Reliability Projects	IDIQ	Section C entitled, <i>Infrastructure Reliability Projects</i>
1008	DOE Small Business Procurement Post-Award Support and Other Directed Work Scope	IDIQ	Section C entitled, <i>DOE Small Business Procurement Post-Award Support and Other Directed Work Scope</i>
<b>Option 2 Period of Performance (24 months)</b>			
2002	Hanford Site Benefit Plans	CR (no fee)	Section C entitled, <i>Responsibilities for Sponsorship, Management and Administration of Contractor Employee Pension and Other Benefit Plans</i>

**Table B-1. Contract CLIN Structure**

CLIN	CLIN Title	Contract Type	PWS Section(s)
2003	Legacy Benefit Plans and Legacy Workers' Compensation	CR (no fee)	Section C entitled, <i>Responsibilities for Legacy Post-Retirement Benefit Plans and Legacy Workers' Compensation</i>
2004	Infrastructure and Site Services	CPAF	Section C entitled, <i>Infrastructure and Site Services</i>
2005	DOE Small Business Procurement Pre-Award Support	CPAF	Section C entitled, <i>DOE Small Business Procurement Pre-Award Support</i>
2006	UBS to Be Provided to OHCs	CPAF	Section C entitled, <i>Usage-Based Services to Be Provided to Other Hanford Contractors</i> ; Section H clause entitled, <i>Hanford Site Services and Interface Requirements Matrix</i> , and Attachments J-3.a and J-3.b
2007	Infrastructure Reliability Projects	IDIQ	Section C entitled, <i>Infrastructure Reliability Projects</i>
2008	DOE Small Business Procurement Post-Award Support and Other Directed Work Scope	IDIQ	Section C entitled, <i>DOE Small Business Procurement Post-Award Support and Other Directed Work Scope</i>
CLIN = Contract Line Item Number		IDIQ = Indefinite Delivery/Indefinite Quantity	
CPAF = Cost-Plus-Award-Fee		OHC = Other Hanford Contractors	
CR = Cost Reimbursement		PWS = Performance Work Statement	
DOE = U.S. Department of Energy		UBS = Usage-Based Service	

(c) CLIN Types:

(1) CR (non-fee bearing) CLIN 0001 – Contract Transition

The Contract Transition Period is anticipated to be a period beginning with issuance of a Notice to Proceed (NTP). The Transition Period is as defined in the Section F clause, *DOE-F-2003 Period of Performance – Alternate I and Alternate II (Oct 2014) (Revised)*. Costs are reimbursed on the basis of actual allowable costs incurred to the Contract, and there is no fee for the Contract Transition Period.

(2) CR (non-fee bearing) CLINs 0002, 1002, 2002 – Hanford Site Benefit Plans

These CLINs cover the costs associated with the Sponsorship, Management, and Administration of Contractor Employee Pension and Other Benefit Plans as stated in Section C entitled, *Responsibilities for Sponsorship, Management, and Administration of Contractor Employee Pension and Other Benefit Plans*. Non-labor related costs to perform these functions reside within these CLINs. Labor related costs to perform the management and administration functions shall be charged to the Business Administration scope (Section C entitled, *Business Administration*)

under the Infrastructure and Site Services CLINs. Costs are reimbursed on the basis of actual allowable costs incurred to the Contract, and there is no fee for CR CLINs 0002, 1002, 2002.

- (3) CR (non-fee bearing) CLINs 0003, 1003, 2003 – Legacy Benefit Plans and Legacy Workers' Compensation

These CLINs cover the costs associated with the Sponsorship, Management, and Administration of Legacy Benefit Plans; Pension and Post-Retirement Benefit Plans, and Workers' Compensation, as defined in Section C entitled, *Responsibilities for Legacy Post-Retirement Benefit Plans and Legacy Workers' Compensation*. Non-labor related costs to perform these functions reside within these CLINs. Labor related costs to perform the management and administration functions are to be charged to the Business Administration scope (Section C entitled, *Business Administration*) under the Infrastructure and Site Services CLINs. Costs are reimbursed on the basis of actual allowable costs incurred to the Contract, and there is no fee for CR CLINs 0003, 1003, 2003.

- (4) CPAF CLINs 0004, 1004, 2004 – Infrastructure and Site Services

These CLINs cover the costs and fee associated with the work scope defined in Section C entitled, *Infrastructure and Site Services*. Costs are reimbursed on the basis of actual allowable costs incurred to the Contract. Payment of fee associated with these CLINs will be made in accordance with Sections B entitled, *Fee, Provisional Payment of Fee, and Fee Reductions*, and Section J Attachment entitled, *Performance Evaluation and Measurement Plan (PEMP)*.

- (5) CPAF CLINs 0005, 1005, 2005 – DOE Small Business Procurement Pre-Award Support

These CLINs cover the costs and fee associated with the work scope defined in Section C entitled, *DOE Small Business Procurement Pre-Award Support*. Costs are reimbursed on the basis of actual allowable costs incurred to the Contract. Payment of fee associated with these CLINs will be made in accordance with Sections B entitled, *Fee, Provisional Payment of Fee, and Fee Reductions*, and Section J Attachment entitled, *PEMP*.

- (6) CPAF CLINs 0006, 1006, 2006 – Usage-Based Service (UBS) to Be Provided to Other Hanford Contractors (OHC).

(A) These CLINs cover the OHC requested UBS to be provided by the Contractor through a Service Level Agreement or similar type of arrangement and may include mandatory and optional services in accordance with Section J Attachment entitled, *Hanford Site Services and Interface Requirements Matrix*, and in accordance with PWS, Section C entitled, *Usage-Based Services to Be Provided to Other Hanford Contractors*. The OHCs will reimburse the cost to the Contractor at full cost recovery (exclusive of fee); UBS cost is a pass-through cost to the OHCs. Funding for the cost to perform the UBS to Be Provided to OHCs is obligated to the OHCs; therefore, funding for UBS to Be Provided to OHCs is not directly obligated to the Contract through the Section B clause entitled, *DOE-B-2013 Obligation of Funds (Oct 2014)*, or included in Section B entitled, *Estimated Annual Contract Value*. OHC reimbursement for UBS shall be recognized by the Contractor as UBS Reimbursement from OHCs in the Contract Cost and Fee Tables below (Tables B-3 and B-4a through B-4c). Fee for the *UBS to Be Provided to OHCs* under these CLINs shall not exceed eight (8) percent and is part of the Contract value.

(B) When the cumulative volume change (e.g., service quantities, service levels, unit costs, etc.) of the estimated UBS is beyond a variance of +/-30% percent, the Government may require

the Contractor to submit a deductive change proposal, or the Contractor may submit a proposal for the Government's consideration of an upward adjustment to the fee at the end of each of the Contract Periods of Performance (Base, Option 1, and Option 2 if the options are exercised).

(C) To merit an upward fee adjustment, the Contractor shall demonstrate a cumulative volume change beyond the variance of +/-30 percent threshold from the basis of the fee calculation (e.g., estimated UBS to Be Provided to OHCs) at the beginning of each period of Contract performance. Furthermore, for each request for equitable adjustment related to a volume change in service levels, the Contractor shall demonstrate the drivers for the volume change, the impact of the change to the direct funded component, and the cost of the impact. Payment of fee associated with the performance of the UBS to Be Provided to OHCs by the Contractor under these CLINs will be made in accordance with Sections B entitled, *Fee; Provisional Payment of Fee; Fee Reductions*; and Section J Attachment entitled, *PEMP*.

(7) IDIQ CLINs 0007, 1007, 2007 – Infrastructure Reliability Projects and 0008, 1008, 2008 – DOE Small Business Procurement Post-Award Support and Other Directed Work Scope.

(A) Under the IDIQ CLINs, the Government may issue task orders under the contract type(s) the Government determines appropriate depending on the nature of the requirement for the delivery of work. Only the Contracting Officer (CO) may issue task orders to the Contractor, providing specific authorization or direction to perform work within the scope of the Contract. The Contractor may only incur, and be paid, costs/prices under this Contract in performance of task orders and task order modifications issued in accordance with the applicable Contract clause addressing payment, as included in each individual task order. The minimum and maximum quantities to be ordered as required by Contract Section I clause, *FAR 52.216-22, Indefinite Quantity*, for the IDIQ CLINs as follows: the minimum ordering guarantee for IDIQ CLINs is \$25,000 for the full Contract Period of Performance, including Options 1 and 2, if exercised; the maximum quantity of services the Government will acquire under the IDIQ CLINs for the full Contract Period of Performance, including Options 1 and 2, if exercised, will not cumulatively exceed \$610 million (inclusive of any fee or profit).

(B) Work under the IDIQ CLINs will be ordered by the issuance of individually negotiated task orders, which will contain specific terms and conditions applicable to the given task order. As the Government may require, the Contractor shall provide the specified services up to the maximum quantity identified above, on a schedule to be specified by the Government in accordance with the Contract Section I clause, *FAR 52.216-22, Indefinite Quantity*.

(C) For CPAF task orders, payment of fee for the services ordered and delivered shall be made in accordance with Sections B entitled, *Fee, Provisional Payment of Fee, Fee Reductions*, and Section J Attachment entitled, *PEMP*.

(D) The estimated cost or price will be established in each individual task order. The Contractor may propose the fee amount it determines appropriate for the individual task order, provided the fee/profit amount, as a percentage of the estimated cost of each proposed year, does not exceed the fee percentage ceiling as specified below in the Section B clause, *DOE-B-2015 Task Order Fee Ceiling (Oct 2014) (Revised)*.

(d) Definitions:

(1) Estimated Cost for each CLIN is defined as the cost to perform the CLIN agreed to by the parties at Contract award, and may be revised by modifications to the Contract in accordance with the

Contract terms. The exception is for the IDIQ CLINs; the estimated cost will be negotiated under each task order.

- (2) Available Fee is defined as the amount of fee that may be earned under the Contract for each applicable fee-bearing CLIN.
- (3) Available Award Fee under the CPAF CLINs includes both objective and subjective performance outcomes as defined in Section J Attachment entitled, *PEMP*, which is synonymous with the term “Award Fee Plan” found in FAR 16.401(e)(3). The draft PEMP at Contract award will be finalized during the transition period. Also, no base fee is payable under this Contract.
- (4) Available Award Fee under the CPAF CLINs may consist of up to 40 percent as subjective award fee criteria, and the remaining balance is in objective performance criteria for a total of 100 percent.
- (5) Award Fee will be evaluated on an annual basis as delineated in the PEMP.
- (6) Total Estimated Contract Value is defined as the sum of the Contract Transition period cost, total Base Period estimated cost and fee, total Option Period 1 estimated cost and fee, total Option Period 2 estimated cost and fee, and the IDIQ CLIN maximum quantities. See Table B-3 for calculation of Total Estimated Contract Value.

**B.3 DOE-B-2013 Obligation of Funds (Oct 2014)**

- (a) Pursuant to Clause I.118 of this Contract entitled FAR 52.232-22, *Limitation of Funds*, total funds in the amount(s) specified below are obligated for the payment of allowable costs and fee. It is estimated this amount is sufficient to cover performance.

**Table B-2. Total Obligated Funds**

	<b>Obligated Amount</b>
<b>CLIN 0001</b>	\$ 6,405,085.10
<b>CLIN 0002</b>	\$ TBD
<b>CLIN 0003</b>	\$ TBD
<b>CLIN 0004</b>	\$ TBD
<b>CLIN 0005</b>	\$ TBD
<b>CLIN 0007</b>	\$ 19,800,000.00
<b>CLIN 0008</b>	\$ 1,896,280.00
<b>Total</b>	<b>\$ 28,101,365.10</b>

The total obligation amount of \$28,101,365.10 is available for payment of services provided from the effective date of this Contract through August 16, 2025.

- (b) UBS to Be Provided to OHCs – Funding for the cost associated with the UBS to Be Provided to OHCs is not included in the amount specified in paragraph (a) above. OHC reimbursement for the UBS services shall be recognized by the Contractor as UBS reimbursement by OHCs.

## **B.4 Other Costs and Projects**

Other Costs and Projects will be authorized under IDIQ CLINs 0008, 1008, and 2008 related to DOE Directed Work Scope (DDWS), Project Management Task Orders (PMTO), and Small Business Post Award Support. This work will be awarded as task orders.

Work done under a Strategic Partnership Projects (SPP) Program arrangement or a Request for Services (RFS) will be addressed and tracked under CLINs 0004, 1004, and 2004. Under an SPP Program, the project is conducted through a full cost recovery (no fee) arrangement under Contract Section I clause, DEAR 970.5217-1, *Strategic Partnership Projects Program*. An RFS is completed on a case by case basis and may or may not receive fee depending on the arrangement for each individual request. The CO shall unilaterally revise the authorized cost and fee through modification to reflect the approved amounts for work authorized.

## **B.5 DOE-B-2015 Task Order Fee Ceiling (Oct 2014) (Revised)**

- (a) The fee amount, specified as a percentage, shall not exceed a maximum of eight (8) percent for CR task orders and shall serve as the fee ceiling for CR task orders issued under the Contract.
- (b) The profit amount, specified as a percentage, shall not exceed a maximum of eight (8) percent for firm-fixed-price and time-and-material task orders issued under this Contract.
- (c) The fee amount for each task order will be negotiated and established in each individual task order based on risk and complexity. For CPAF task orders, the fee ceiling percentage applies to the total of the amount proposed for award fee. There is no base fee available under this Contract.
- (d) The fee ceiling percentage shall at no time exceed any statutory limitations imposed by 41 USC §3905, and FAR 15.404-4(c)(4)(i).

## **B.6 Execution of CLINs**

Upon the initial NTP, the Transition CLIN (0001) shall be executed. Upon completion of Transition, the Base Period CLINs (0002, 0003, 0004, 0005, 0006) shall be executed. For the IDIQ CLINs (0007, 0008), task orders may be issued during the Period of Performance in accordance with the ordering procedures at *FAR 52.216-18, Ordering*; *FAR 52.216-19, Order Limitations*; and *FAR 52.216-22, Indefinite Quantity*. The execution of the Option CLINs will be in accordance with *FAR 52.217-9, Option to Extend the Term of the Contract*.

## **B.7 Estimated Annual Contract Value**

DOE expects to obligate funding to the Contract in accordance with the estimated annual Contract value. However, funding is subject to the appropriations of Congress. DOE does not guarantee that funding will be provided or obligated in the amount stated in Tables B-3, B-3a through B-3c, and B-4a through B-4c.

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Table B-3. Total Estimated Contract Cost and Fee by Period of Performance

Total Period of Performance											
	CLIN 0001 – Contract Transition	CLIN 0002, 1002, 2002 – Hanford Site Benefit Plans	CLIN 0003, 1003, 2003 – Legacy Benefit Plans and Legacy Workers' Compensation	CLIN 0004, 1004, 2004 – Infrastructure and Site Services	CLIN 0005, 1005, 2005 – DOE Small Business Procurement Pre-Award Support	CLIN 0006, 1006, 2006 – UBS to Be Provided to OHCs	UBS Reimbursement from OHCs (offset CLINs 0006, 1006, 2006)	CLIN Totals (excluding CLINs 0007, 1007, 2007, 0008, 1008, and 2008)	CLIN 0007, 1007, 2007 – Infrastructure Reliability Projects	CLIN 0008, 1008, 2008 – DOE Small Business Procurement Post-Award Support and Other Directed Work Scope	CLIN Totals (All CLINs)
<b>Base Period</b> (Feb 1, 2019 – Jan 31, 2024)								<b>Base Period</b>			<b>Base Period</b>
Est. Cost	\$6,405,085.10	\$233,182,337.00	\$212,893,942.00	\$1,031,097,643.93	\$898,156.08	\$340,135,393.90	(\$340,135,393.90)	\$1,484,477,164.11	\$34,650,000.00	\$2,907,400.00	\$1,522,034,564.11
Award Fee	N/A	N/A	N/A	\$72,176,835.07	\$62,870.92	\$27,210,832.00	N/A	\$99,450,537.99	TBD	TBD	\$99,450,537.99
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	TBD
Base Period Est. Cost & Fee	\$6,405,085.10	\$233,182,337.00	\$212,893,942.00	\$1,103,274,479.00	\$961,027.00	\$367,346,225.90	(\$340,135,393.90)	\$1,583,927,702.10	\$34,650,000.00	\$2,907,400.00	\$1,621,485,102.10
<b>Option 1</b> (Feb 1, 2024 – Jan 31, 2027)								<b>Option 1</b>			<b>Option 1</b>
Est. Cost	N/A	\$169,484,290.00	\$141,386,178.00	\$687,045,561.67	\$673,047.67	\$222,208,436.87	(\$222,208,436.87)	\$998,589,077.34	TBD	TBD	\$998,589,077.34
Award Fee	N/A	N/A	N/A	\$48,093,189.33	\$47,113.33	\$17,776,675.00	N/A	\$65,916,977.66	TBD	TBD	\$65,916,977.66
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	N/A
Option 1 Est. Cost & Fee	N/A	\$169,484,290.00	\$141,386,178.00	\$735,138,751.00	\$720,161.00	\$239,985,111.87	(\$222,208,436.87)	\$1,064,506,055.00	TBD	TBD	\$1,064,506,055.00
<b>Option 2</b> (Feb 1, 2027 – Jan 31, 2029)								<b>Option 2</b>			<b>Option 2</b>
Est. Cost	N/A	\$120,795,055.00	\$97,020,220.00	\$484,077,328.04	\$474,881.31	\$155,359,996.96	(\$155,359,996.96)	\$702,367,484.35	TBD	TBD	\$702,367,484.35
Award Fee	N/A	N/A	N/A	\$33,885,412.96	\$33,241.69	\$12,428,800.00	N/A	\$46,347,454.65	TBD	TBD	\$46,347,454.65
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	N/A
Option 2 Est. Cost & Fee	N/A	\$120,795,055.00	\$97,020,220.00	\$517,962,741.00	\$508,123.00	\$167,788,796.96	(\$155,359,996.96)	\$748,714,939.00	TBD	TBD	\$748,714,939.00
<b>Years 1 – 10 Subtotal</b>								<b>Subtotal</b>			<b>Subtotal</b>
<b>Est. Cost Total</b>	<b>\$6,405,085.10</b>	<b>\$523,461,682.00</b>	<b>\$451,300,340.00</b>	<b>\$2,202,220,533.64</b>	<b>\$2,046,085.06</b>	<b>\$717,703,827.73</b>	<b>(\$717,703,827.73)</b>	<b>\$3,185,433,725.79</b>	<b>\$34,650,000.00</b>	<b>\$2,907,400.00</b>	<b>\$3,222,991,125.79</b>
<b>Award Fee Total</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>\$154,155,437.36</b>	<b>\$143,225.94</b>	<b>\$57,416,307.00</b>	<b>N/A</b>	<b>\$211,714,970.30</b>	<b>TBD</b>	<b>TBD</b>	<b>\$211,714,970.30</b>
<b>Fixed Fee Total</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>TBD</b>	<b>TBD</b>	<b>N/A</b>
<b>Est. Cost &amp; Fee Total</b>	<b>\$6,405,085.10</b>	<b>\$523,461,682.00</b>	<b>\$451,300,340.00</b>	<b>\$2,356,375,971.00</b>	<b>\$2,189,311.00</b>	<b>\$775,120,134.73</b>	<b>(\$717,703,827.73)</b>	<b>\$3,397,148,696.10</b>	<b>\$34,650,000.00</b>	<b>\$2,907,400.00</b>	<b>\$3,434,706,096.10</b>
<b>CLIN 0007/1007/2007 and 0008/1008/2008 awarded NTE ceiling amounts</b>									<b>\$385,000,000.00</b>	<b>\$225,000,000.00</b>	<b>\$4,007,148,696.10</b>
<b>Total Estimated Contract Value</b>	<b>\$4,007,148,696.10</b>										
CLIN = Contract Line Item Number N/A = Not Applicable OHC = Other Hanford Contractor TBD = To Be Determined UBS = Usage-Based Service											

Table B-3a. CLINs 0004/1004/2004 – Total Estimated Request for Services Cost and Fee

Total Period of Performance				
	Cost	Award Fee	Fixed Fee	Totals
RFS-001	TBD	TBD	TBD	<b>TBD</b>
RFS-002	TBD	TBD	TBD	<b>TBD</b>
RFS-003	TBD	TBD	TBD	<b>TBD</b>
RFS-004	TBD	TBD	TBD	<b>TBD</b>
RFS-005	TBD	TBD	TBD	<b>TBD</b>
<b>Total RFSs Costs:</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>

\*A breakdown of the specific task orders are provided in Section J, Attachment J-15.

Table B-3b. CLINs 0007/1007/2007 – Total Estimated Contract Cost and Fee

Total Period of Performance				
	Cost	Award Fee	Fixed Fee	Totals
RPTO-001	\$11,100,000.00	TBD	TBD	<b>\$11,100,000.00</b>
RPTO-002	\$10,000,000.00	TBD	TBD	<b>\$10,000,000.00</b>
RPTO-003	\$500,000.00	TBD	TBD	<b>\$500,000.00</b>
RPTO-004	\$450,000.00	TBD	TBD	<b>\$450,000.00</b>
RPTO-005	\$4,000,000.00	TBD	TBD	<b>\$4,000,000.00</b>
RPTO-006	\$4,000,000.00	TBD	TBD	<b>\$4,000,000.00</b>
RPTO-007	\$2,800,000.00	TBD	TBD	<b>\$2,800,000.00</b>
RPTO-008	\$1,800,000.00	TBD	TBD	<b>\$1,800,000.00</b>
<b>Total CLINs 0007/1007/2007 Costs:</b>	<b>\$34,650,000.00</b>	<b>TBD</b>	<b>TBD</b>	<b>\$34,650,000.00</b>

\*A breakdown of the specific reliability project task orders are provided in Section J, Attachment J-15.

Table B-3c. CLINs 0008/1008/2008 – Total Estimated Contract Cost and Fee

Total Period of Performance				
	Cost	Award Fee	Fixed Fee	Totals
DDWS	\$2,907,400.00	N/A	TBD	<b>\$2,907,400.00</b>
PMTOs	TBD	TBD	TBD	<b>TBD</b>
Post Award	TBD	TBD	TBD	<b>TBD</b>
<b>Total CLINs 0008/1008/2008 Costs:</b>	<b>\$2,907,400.00</b>	<b>TBD</b>	<b>TBD</b>	<b>\$2,907,400.00</b>

\*A breakdown of the specific task orders are provided in Section J, Attachment J-15.

**Table B-4a. Total Base Period of Performance Estimated Cost and Fee by Fiscal Year**

<b>Base Period of Performance</b>											
	CLIN 0001 – Contract Transition	CLIN 0002, 1002, 2002 – Hanford Site Benefit Plans	CLIN 0003, 1003, 2003 – Legacy Benefit Plans and Legacy Workers' Compensation	CLIN 0004, 1004, 2004 – Infrastructure and Site Services	CLIN 0005, 1005, 2005 – DOE Small Business Procurement Pre-Award Support	CLIN 0006, 1006, 2006 – UBS to Be Provided to OHCs	UBS Reimbursement from OHCs (offset CLINs 0006, 1006, 2006)	CLIN Totals (excluding CLINs 0007, 1007, 2007, 0008, 1008, and 2008)	CLIN 0007, 1007, 2007 – Infrastructure Reliability Projects	CLIN 0008, 1008, 2008 – DOE Small Business Procurement Post-Award Support and Other Directed Work Scope	CLIN Totals (All CLINs)
<b>Transition</b> (Feb 1, 2019 – May 31, 2019)											<b>Transition</b>
Est. Cost	\$6,405,085.10	N/A	N/A	N/A	N/A	N/A	N/A	\$6,405,085.10	N/A	N/A	\$6,405,085.10
Award Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Est. Cost & Fee	\$6,405,085.10	N/A	N/A	N/A	N/A	N/A	N/A	\$6,405,085.10	N/A	N/A	\$6,405,085.10
<b>FY 2019 (Partial Year)</b> (June 1, 2019 – Sept 30, 2019)											<b>FY 2019</b>
Est. Cost	N/A	\$16,141,478.70	\$14,699,585.81	\$70,466,648.95	\$44,946.71	\$24,593,962.67	(\$24,593,962.67)	\$101,352,660.17	\$34,650,000.00	\$2,907,400.00	\$138,910,060.17
Award Fee	N/A	N/A	N/A	\$4,932,665.43	\$3,146.29	\$1,967,517.04	N/A	\$6,903,328.76	TBD	TBD	\$6,903,328.76
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	TBD
FY 19 Est. Cost & Fee	N/A	\$16,141,478.00	\$14,699,585.81	\$75,399,314.38	\$48,093.00	\$26,561,479.71	(\$24,593,962.67)	\$108,255,988.93	\$34,650,000.00	\$2,907,400.00	\$145,813,388.93
<b>FY 2020</b>											<b>FY 2020</b>
Est. Cost	N/A	\$48,186,072.53	\$44,943,639.67	\$218,097,588.15	\$157,498.63	\$74,290,990.34	(\$74,290,990.34)	\$311,384,798.98	TBD	TBD	\$311,384,798.98
Award Fee	N/A	N/A	N/A	\$15,266,831.17	\$11,024.88	\$5,943,279.70	N/A	\$21,221,135.75	TBD	TBD	\$21,221,135.75
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	TBD
FY 20 Est. Cost & Fee	N/A	\$48,186,072.53	\$44,943,639.67	\$233,364,419.32	\$168,523.51	\$80,234,270.04	(\$74,290,990.34)	\$332,605,934.73	TBD	TBD	\$332,605,934.73
<b>FY 2021</b>											<b>FY 2021</b>
Est. Cost	N/A	\$48,697,856.13	\$45,917,046.94	\$220,865,797.57	\$203,265.20	\$71,794,430.65	(\$71,794,430.65)	\$315,683,965.84	TBD	TBD	\$315,683,965.84
Award Fee	N/A	N/A	N/A	\$15,460,605.83	\$14,228.56	\$5,743,554.45	N/A	\$21,218,388.84	TBD	TBD	\$21,218,388.84
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	TBD
FY 21 Est. Cost & Fee	N/A	\$48,697,856.13	\$45,917,046.94	\$236,326,403.40	\$217,493.76	\$77,537,985.10	(\$71,794,430.65)	\$336,902,354.68	TBD	TBD	\$336,902,354.68
<b>FY 2022</b>											<b>FY 2022</b>
Est. Cost	N/A	\$48,932,835.32	\$46,026,687.75	\$222,268,172.74	\$207,938.14	\$72,282,501.38	(\$72,282,501.38)	\$317,435,633.95	TBD	TBD	\$317,435,633.95
Award Fee	N/A	N/A	N/A	\$15,558,772.09	\$14,555.67	\$5,782,600.11	N/A	\$21,355,927.87	TBD	TBD	\$21,355,927.87
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	TBD
FY 22 Est. Cost & Fee	N/A	\$48,932,835.32	\$46,026,687.75	\$237,826,944.83	\$222,493.81	\$78,065,101.49	(\$72,282,501.38)	\$338,791,561.82	TBD	TBD	\$338,791,561.82
<b>FY 2023</b>											<b>FY 2023</b>
Est. Cost	N/A	\$53,058,397.23	\$45,842,581.15	\$223,721,225.63	\$212,722.88	\$72,590,145.56	(\$72,590,145.56)	\$322,834,926.89	TBD	TBD	\$322,834,926.89
Award Fee	N/A	N/A	N/A	\$15,660,485.79	\$14,890.60	\$5,807,211.64	N/A	\$21,482,588.03	TBD	TBD	\$21,482,588.03
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	TBD
FY 23 Est. Cost & Fee	N/A	\$53,058,397.23	\$45,842,581.15	\$239,381,711.42	\$227,613.48	\$78,397,357.20	(\$72,590,145.56)	\$344,317,514.92	TBD	TBD	\$344,317,514.92
<b>FY 2024 (Partial Year)</b> (Oct 1, 2023 – Jan 31, 2024)											<b>FY 2024</b>
Est. Cost	N/A	\$18,165,697.09	\$15,464,400.68	\$75,678,210.89	\$71,784.52	\$24,583,363.30	(\$24,583,363.30)	\$109,380,093.18	TBD	TBD	\$109,380,093.18
Award Fee	N/A	N/A	N/A	\$5,297,474.76	\$5,024.92	\$1,966,669.06	N/A	\$7,269,168.74	TBD	TBD	\$7,269,168.74
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	TBD
FY 24 Est. Cost & Fee	N/A	\$18,165,697.09	\$15,464,400.68	\$80,975,685.65	\$76,809.44	\$26,550,032.36	(\$24,583,363.30)	\$116,649,261.92	TBD	TBD	\$116,649,261.92
<b>Years 1 – 5 Subtotal</b>											<b>Subtotal</b>
Est. Cost	\$6,405,085.10	\$233,182,337.00	\$212,893,942.00	\$1,031,097,643.93	\$898,156.08	\$340,135,393.90	(\$340,135,393.90)	\$1,484,477,164.11	\$34,650,000.00	\$2,907,400.00	<b>\$1,522,034,564.11</b>
Award Fee	N/A	N/A	N/A	\$72,176,835.07	\$62,870.92	\$27,210,832.00	N/A	\$99,450,537.99	TBD	TBD	<b>\$99,450,537.99</b>
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	<b>TBD</b>
<b>Base Period Est. Cost and Fee</b>	<b>\$6,405,085.10</b>	<b>\$233,182,337.00</b>	<b>\$212,893,942.00</b>	<b>\$1,103,274,479.00</b>	<b>\$961,027.00</b>	<b>\$367,346,225.90</b>	<b>(\$340,135,393.90)</b>	<b>\$1,583,927,702.10</b>	<b>\$34,650,000.00</b>	<b>\$2,907,400.00</b>	<b>\$1,621,485,102.10</b>

**Table B-4b. Total Option 1 Period of Performance Estimated Cost and Fee by Fiscal Year**

<b>Option Period 1</b>										
	CLIN 0002, 1002, 2002 – Hanford Site Benefit Plans	CLIN 0003, 1003, 2003 – Legacy Benefit Plans and Legacy Workers' Compensation	CLIN 0004, 1004, 2004 – Infrastructure and Site Services	CLIN 0005, 1005, 2005 – DOE Small Business Procurement Pre-Award Support	CLIN 0006, 1006, 2006 – UBS to Be Provided to OHCs	UBS Reimbursement from OHCs (offset CLINs 0006, 1006, 2006)	<b>CLIN Totals</b> (excluding CLINs 0007, 1007, 2007, 0008, 1008, and 2008)	CLIN 0007, 1007, 2007 – Infrastructure Reliability Projects	CLIN 0008, 1008, 2008 – DOE Small Business Procurement Post-Award Support and Other Directed Work Scope	<b>CLIN Totals</b> (All CLINs)
<b>FY 2024 (Partial Year)</b> (Feb 1, 2024 – Sept 30, 2024)										<b>FY 2024</b>
Est. Cost	\$36,331,394.17	\$30,928,801.36	\$149,272,167.83	\$145,835.67	\$48,374,765.14	(\$48,374,765.14)	\$216,678,199.03	TBD	TBD	\$216,678,199.03
Award Fee	N/A	N/A	\$10,449,051.75	\$10,208.50	\$3,869,981.21	N/A	\$14,329,241.46	TBD	TBD	\$14,329,241.46
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	TBD
FY 24 Est. Cost & Fee	\$36,331,394.17	\$30,928,801.36	\$159,721,219.58	\$156,044.17	\$52,244,746.35	(\$48,374,765.14)	\$231,007,440.49	TBD	TBD	\$231,007,440.49
<b>FY 2025</b>										<b>FY 2025</b>
Est. Cost	\$55,976,401.32	\$46,945,717.32	\$227,510,215.19	\$222,625.01	\$73,667,358.15	(\$73,667,358.15)	\$330,654,958.84	TBD	TBD	\$330,654,958.84
Award Fee	N/A	N/A	\$15,925,715.07	\$15,583.74	\$5,893,388.70	N/A	\$21,834,687.51	TBD	TBD	\$21,834,687.51
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	TBD
FY 25 Est. Cost & Fee	\$55,976,401.32	\$46,945,717.32	\$243,435,930.26	\$238,208.75	\$79,560,746.85	(\$73,667,358.15)	\$352,489,646.35	TBD	TBD	\$352,489,646.35
<b>FY 2026</b>										<b>FY 2026</b>
Est. Cost	\$57,491,889.80	\$47,495,265.03	\$231,560,088.23	\$227,737.63	\$74,743,438.45	(\$74,743,438.45)	\$336,774,980.69	TBD	TBD	\$336,774,980.69
Award Fee	N/A	N/A	\$16,209,206.18	\$15,941.63	\$5,979,475.08	N/A	\$22,204,622.89	TBD	TBD	\$22,204,622.89
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	TBD
FY 26 Est. Cost & Fee	\$57,491,889.80	\$47,495,265.03	\$247,769,294.41	\$243,679.26	\$80,722,913.53	(\$74,743,438.45)	\$358,979,603.58	TBD	TBD	\$358,979,603.58
<b>FY 2027 (Partial Year)</b> (Oct 1, 2026 – Jan 31, 2027)										<b>FY 2027</b>
Est. Cost	\$19,684,604.71	\$16,016,394.29	\$78,703,090.42	\$76,849.36	\$25,422,875.13	(\$25,422,875.13)	\$114,480,938.78	TBD	TBD	\$114,480,938.78
Award Fee	N/A	N/A	\$5,509,216.33	\$5,379.46	\$2,033,830.01	N/A	\$7,548,425.80	TBD	TBD	\$7,548,425.80
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	TBD
FY 27 Est. Cost & Fee	\$19,684,604.71	\$16,016,394.29	\$84,212,306.75	\$82,228.82	\$27,456,705.14	(\$25,422,875.13)	\$122,029,364.58	TBD	TBD	\$122,029,364.58
<b>Years 6 – 8 Subtotal</b>										<b>Subtotal</b>
Est. Cost	\$169,484,290.00	\$141,386,178.00	\$687,045,561.67	\$673,047.67	\$222,208,436.87	(\$222,208,346.87)	\$998,589,077.34	TBD	TBD	\$998,589,077.34
Award Fee	N/A	N/A	\$48,093,189.33	\$47,113.33	\$17,776,675.00	N/A	\$65,916,977.66	TBD	TBD	\$65,916,977.66
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	TBD
<b>Option 1 Est. Cost and Fee</b>	<b>\$169,484,290.00</b>	<b>\$141,386,178.00</b>	<b>\$735,138,751.00</b>	<b>\$720,161.00</b>	<b>\$239,985,111.87</b>	<b>(\$222,208,436.87)</b>	<b>\$1,064,506,055.00</b>	<b>TBD</b>	<b>TBD</b>	<b>\$1,064,506,055.00</b>

**Table B-4c. Total Option 2 Period of Performance Estimated Cost and Fee by Fiscal Year**

<b>Option Period 2</b>										
	CLIN 0002, 1002, 2002 – Hanford Site Benefit Plans	CLIN 0003, 1003, 2003 – Legacy Benefit Plans and Legacy Workers' Compensation	CLIN 0004, 1004, 2004 – Infrastructure and Site Services	CLIN 0005, 1005, 2005 – DOE Small Business Procurement Pre-Award Support	CLIN 0006, 1006, 2006 – UBS to Be Provided to OHCs	UBS Reimbursement from OHCs (offset CLINs 0006, 1006, 2006)	CLIN Totals (excluding CLINS 0007, 1007, 2007, 0008, 1008, and 2008)	CLIN 0007, 1007, 2007 – Infrastructure Reliability Projects	CLIN 0008, 1008, 2008 – DOE Small Business Procurement Post-Award Support and Other Directed Work Scope	CLIN Totals (All CLINs)
<b>FY 2027 (Partial Year)</b> (Feb 1, 2027 – Sept 30, 2027)										<b>FY 2027</b>
Est. Cost	\$39,369,209.41	\$32,032,788.57	\$156,950,197.51	\$156,122.08	\$50,553,621.24	(\$50,553,621.24)	\$228,508,317.58	TBD	TBD	\$228,508,317.58
Award Fee	N/A	N/A	\$10,986,513.83	\$10,928.55	\$4,044,289.70	N/A	\$15,041,732.07	TBD	TBD	\$15,041,732.07
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	TBD
FY 27 Est. Cost & Fee	\$39,369,209.41	\$32,032,788.57	\$167,936,711.34	\$167,050.62	\$54,597,910.94	(\$50,553,621.24)	\$243,550,049.65	TBD	TBD	\$243,550,049.65
<b>FY 2028</b>										<b>FY 2028</b>
Est. Cost	\$60,657,767.78	\$48,602,564.66	\$239,761,477.61	\$238,332.68	\$77,314,254.20	(\$77,314,254.20)	\$349,260,142.74	TBD	TBD	\$349,260,142.74
Award Fee	N/A	N/A	\$16,783,303.43	\$16,683.29	\$6,185,140.58	N/A	\$22,985,127.30	TBD	TBD	\$22,985,127.30
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	TBD
FY 28 Est. Cost & Fee	\$60,657,767.78	\$48,602,564.66	\$256,544,781.05	\$255,015.97	\$83,499,394.78	(\$77,314,254.20)	\$372,245,270.03	TBD	TBD	\$372,245,270.03
<b>FY 2029 (Partial Year)</b> (Oct 1, 2028 – Jan 31, 2029)										<b>FY 2029</b>
Est. Cost	\$20,768,077.81	\$16,384,866.76	\$87,365,652.91	\$80,426.55	\$27,492,121.52	(\$27,492,121.52)	\$124,599,024.04	TBD	TBD	\$124,599,024.04
Award Fee	N/A	N/A	\$6,115,595.70	\$5,629.86	\$2,199,369.72	N/A	\$8,320,595.28	TBD	TBD	\$8,320,595.28
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	TBD
FY 29 Est. Cost & Fee	\$20,768,077.81	\$16,384,866.76	\$93,481,248.62	\$86,056.41	\$29,691,491.24	(\$27,492,121.52)	\$132,919,619.32	TBD	TBD	\$132,919,619.32
<b>Years 9 &amp; 10 Subtotal</b>										<b>Subtotal</b>
Est. Cost	\$120,795,055.00	\$97,020,220.00	\$484,077,328.04	\$474,881.31	\$155,359,996.96	(\$155,359,996.96)	\$702,367,484.35	TBD	TBD	<b>\$702,367,484.35</b>
Award Fee	N/A	N/A	\$33,885,412.96	\$33,241.69	\$12,428,800.00	N/A	\$46,347,454.65	TBD	TBD	<b>\$46,347,454.65</b>
Fixed Fee	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD	TBD	<b>TBD</b>
<b>Option 2 Est. Cost and Fee</b>	<b>\$120,795,055.00</b>	<b>\$97,020,220.00</b>	<b>\$517,962,741.00</b>	<b>\$508,123.00</b>	<b>\$167,788,796.96</b>	<b>(\$155,359,996.96)</b>	<b>\$748,714,939.00</b>	<b>TBD</b>	<b>TBD</b>	<b>\$748,714,939.00</b>

## B.8 Fee

- (a) The Government shall pay the Contractor fee that is earned from the annual available fee by fiscal year, as specified in Tables B-4a, B-4b, or B-4c, in accordance with this clause and other applicable clauses of the Contract.
- (b) Section J Attachment entitled, *PEMP*.
  - (1) The CO will unilaterally issue a PEMP for each evaluation period that establishes the criteria and procedures for evaluating the Contractor's performance for the purpose of determining fee earned. The PEMP may be revised unilaterally by the CO at any time during the evaluation period. The PEMP will include, as a minimum, the following:
    - (A) Evaluation criteria linked to the Contract's performance objectives as defined in terms of cost, schedule, technical, or other Contract performance requirements or objectives.
    - (B) Means of how the Contractor's performance will be measured against the evaluation criteria.
    - (C) Fee evaluation period.
    - (D) Amount of the total annual available fee that is allocated to the evaluation period, including the allocation for subjective award fee criteria and objective award fee criteria.
    - (E) Methodology for application of subjective evaluation ratings or attainment of predetermined objectives to earned fee.
    - (F) Use of rollover of unearned fee is prohibited.
  - (2) The length of evaluation periods will be determined unilaterally by the CO. The evaluation periods should provide a balance between the Contractor's ability to have sufficient performance time for the Government to evaluate, but evaluation periods should provide the ability for the Government to provide timely evaluations on the Contractor's performance without being administratively burdensome.
- (c) Fee Determination. Fee decisions are made solely at the discretion of the Government, including but not limited to, the characterization of the Contractor's performance, amount of earned fee, if any, and the methodology used to calculate the earned fee.
- (d) Unsatisfactory Performance. No award fee shall be earned if the Contractor's overall performance in the aggregate is below satisfactory.
- (e) Total Available Fee Distribution. Table B-5 delineates the Total Available Award Fee Distribution as fee allocations, contract definitization, and final fee determinations are made for each fiscal year. The Total Available Award Fee includes Fee from CLINs 0004, 1004, 2004 – Infrastructure and Site Services, CLINs 0005, 1005, and 2005 – DOE Small Business Procurement Pre-Award Support, CLINs 0006, 1006, 2006 – UBS to Be Provided to OHCs, and CPAF Task Orders issued under one of the IDIQ CLINs.

**Table B-5. Available Award Fee Distribution**

<b>Contract Period</b>	<b>Available Fee as Originally Awarded</b>	<b>Fee Associated with Contract Changes</b>	<b>Total Available Fee</b>	<b>Available Fee Earned &amp; Paid</b>	<b>Fee Forfeited</b>
<b>Base Period</b>					
Fiscal Year TBD	TBD	TBD	TBD	TBD	TBD
Fiscal Year TBD	TBD	TBD	TBD	TBD	TBD
Fiscal Year TBD	TBD	TBD	TBD	TBD	TBD
Fiscal Year TBD	TBD	TBD	TBD	TBD	TBD
Fiscal Year TBD	TBD	TBD	TBD	TBD	TBD
Fiscal Year TBD	TBD	TBD	TBD	TBD	TBD
<b>Total Base Period</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>
<b>Option Period(s)</b>					
<b>Option Period 1</b>					
Fiscal Year TBD	TBD	TBD	TBD	TBD	TBD
Fiscal Year TBD	TBD	TBD	TBD	TBD	TBD
Fiscal Year TBD	TBD	TBD	TBD	TBD	TBD
Fiscal Year TBD	TBD	TBD	TBD	TBD	TBD
<b>Total Option Period 1</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>
<b>Option Period 2</b>					
Fiscal Year TBD	TBD	TBD	TBD	TBD	TBD
Fiscal Year TBD	TBD	TBD	TBD	TBD	TBD
Fiscal Year TBD	TBD	TBD	TBD	TBD	TBD
<b>Total Option Period 2</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>
<b>Total Option Period(s)</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>
<b>Total Base &amp; Option Periods</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>
TBD = Fee To Be Determined					

## **B.9 Provisional Payment of Fee**

- (a) Notwithstanding other terms or conditions of this Contract to the contrary, this clause applies to and has precedence over the other terms and conditions of this Contract that provide for provisional payment of fee.
- (b) The Contractor shall notify the CO immediately if it believes incongruence exists between this clause and the other term or condition of this Contract that provides for provisional payment of fee. If a term or condition of this Contract provides for provisional payment of fee but fails to include the requirements of this clause, that term or condition will be considered to include the omitted requirements.
- (c) This clause conforms to the FAR and DOE fee policy and constructs. The following definitions and concepts apply:
  - (1) “Price” means cost-plus fee or profit applicable to the Contract.
  - (2) The terms “profit” and “fee” are synonymous.
  - (3) “Incentive” means a term or condition whose purpose is to motivate the Contractor to provide supplies or services at lower costs, and in certain instances with improved delivery or technical performance, by relating the amount of profit or fee earned to the Contractor’s performance.
  - (4) “Earned fee” for an incentive, means fee due the Contractor by virtue of its meeting the Contract’s requirements entitling it to fee. Earned fee does not occur until the Contractor has met the conditions stated in the Contract for earning fee.
  - (5) “Available fee” for an incentive means the fee the Contractor may earn but has not yet earned.
  - (6) “Provisional payment of fee” for an incentive means the Government is paying available fee for an incentive to the Contractor for making progress towards meeting the performance measures for the incentive before the Contractor has earned the available fee.
  - (7) Provisional payment of fee has no implications for the Government’s eventual determination that the Contractor has or has not earned the associated available fee. Provisional payment of fee is a separate and distinct concept from earned fee. The Contractor could, for example, receive 100 percent of possible provisional fee payments yet not earn any fee (the Contractor would be required to return the provisional fee payments). The Contractor could, for example, receive 0 percent of possible provisional fee payments yet earn the entire amount of available fee (it would not receive fee payments until the Government’s determination that the Contractor had earned the associated available fee for the incentive).
  - (8) “Clause” means a term or condition used in this Contract.
- (d) This Contract’s price, incentives included in its price, and the other terms and conditions reflect the Government’s and the Contractor’s agreement to link, to the maximum extent practical, the Contractor’s earning of fee to its achievement of final outcomes rather than interim accomplishments.
- (e) Certain terms and conditions of this Contract provide for provisional payment of fee for certain incentives. Other terms and conditions of this Contract provide, for each such incentive, the requirements the Contractor shall meet to earn the fee linked to the incentive. The terms and conditions of this Contract that provide for provisional payment of fee for certain incentives include for each such incentive the requirements the Contractor shall meet before the Government is

obligated to pay fee, provisionally, to the Contractor and for the Contractor to have the right to retain the provisionally paid fee.

- (f) The CO will determine if the Contractor has met the requirements under which the Government will be obligated to pay fee, provisionally, to the Contractor and for the Contractor to have the right to retain the provisionally paid fee.
- (g) If the CO determines that the Contractor has not met the requirements to retain provisionally paid fee and notifies the Contractor, the Contractor shall return that provisionally paid fee to the Government within 30 calendar days, per the following:
  - (1) The Contractor's obligation to return the provisionally paid fee is independent of its intent to dispute or its disputing of the CO's determination; and
  - (2) If the Contractor fails to return the provisionally paid fee within 30 calendar days of the CO's determination, the Government, in addition to the other rights that accrue to the Government and the other consequences for the Contractor due to the Contractor's failure, may deduct the amount of the provisionally paid fee from amounts it owes under invoices, or other amount it owes the Contractor for payment, financing, or other obligation.
- (h) If the Contractor has earned fee associated with an incentive in an amount greater than the provisional fee the Government paid to the Contractor for the incentive, the Contractor is entitled to retain the provisional fee and the Government will pay the difference between the earned fee and the provisional fee.

## **B.10 Allowability of Subcontractor Fee**

- (a) If the Contractor is part of a teaming arrangement, as defined in FAR Subpart 9.601(1) and (2), *Contractor Team Arrangements*, the team shall share in the total fee as shown in Table B-3. Separate, additional, subcontractor fee is not an allowable cost under this Contract for individual team members, or for a subcontractor, supplier, or lower-tier subcontractor that is a wholly-owned, a majority-owned, or an affiliate of any team member.
- (b) The subcontractor fee restriction in paragraph (a) above does not apply to members of the Contractor's team that are (1) small business(es); (2) protégé firm(s) as part of an approved Mentor-Protégé relationship as required per the Section H Clause entitled, *Mentor-Protégé Program*; (3) subcontractors under a competitively awarded firm-fixed-price subcontract; or (4) commercial items as defined in FAR Subpart 2.101, *Definitions*.
- (c) To the extent the Contractor relies on the exceptions in paragraph (b) above, CO written concurrence that the exception applies must be obtained.

## **B.11 Fee Reductions**

- (a) Annual available fee in each year of Contract performance is subject to reductions imposed by the terms and conditions of this Contract, including, but not limited to:
  - (1) Section B clause entitled, *Small Business Subcontracting Fee Reduction*.
  - (2) Section B clause entitled, *Conditional Payment of Fee DOE Hanford Site-Specific Performance Criteria/Requirements*.
  - (3) Section H clause, *DOE-H-2070 Key Personnel – Alternate I (Oct 2014) (Revised)*.

(4) Section I clause, *DEAR 970.5215-3 Conditional Payment of Fee, Profit, and Other Incentives – Facility Management Contracts (Aug 2009) (Alternate II)*.

- (b) Unless otherwise provided for within the Contract, the maximum fee reduction in an annual period of Contract performance is the allocated annual available fee, as defined in the Section J Attachment entitled, *PEMP*, that can be earned in the annual period the event occurred.

## **B.12 Small Business Subcontracting Fee Reduction**

- (a) For the purpose of implementing this clause, the percentage goals established in the Section J Attachment entitled, *Small Business Subcontracting Plan*, will remain in effect for the duration of the Contract.
- (b) The Contractor's performance in meeting small business performance percentage goals in accordance with the Section H Clause entitled, *Subcontracted Work*, the Contractor's Small Business Subcontracting Plan and required Mentor-Protégé Agreements will be evaluated at the end of each performance period indicated below. The evaluation will be based on the cumulative small business subcontracting for the entire performance period.
- (1) At the end of the Base Period of Contract performance.
  - (2) At the end of Option Period 1 of Contract performance (if this option is exercised).
  - (3) At the end of Option Period 2 of Contract performance (if this option is exercised).
- (c) If the Contractor has not met the subcontracting goals and the number of committed Mentor-Protégé Agreements, and/or has failed to provide meaningful work for small businesses, the CO may reduce the annual award fee earned for the last year of each performance period. The reduction amount may be up to 25 percent of the annual award fee earned for the last year of the Base Period, up to 15 percent for the last year of Option Period 1, and up to 10 percent for the last year of Option Period 2.

## **B.13 Conditional Payment of Fee DOE Hanford Site-Specific Performance Criteria/Requirements**

This clause supplements the Contract Section I clause, DEAR 970.5215-3 by establishing Site-specific Environmental, Safety, Health, and Quality (ESH&Q) and security performance criteria/requirements. Performance failures relating to the performance criteria set forth in this clause will be processed in accordance with DEAR 970.5215-3. Site-specific performance criteria/requirements for ESH&Q and Safeguards and Security are as follows:

- (a) ESH&Q.
- (1) First Degree: Performance failures relating to the criteria set forth in this clause will be processed in accordance with DEAR 970.5215-3.
  - (2) Second Degree: Performance failures relating to the criteria set forth in this clause will be processed in accordance with DEAR 970.5215-3.
  - (3) Third Degree: Performance failures that reflect a lack of focus on ESH&Q or failure to comply with approved systems that may result in a negative impact to the public, worker, or environment. The following performance failures, or events of similar importance, are examples of performance failures that are considered third degree:

- (i) Multiple similar non-compliances identified by external oversight (such as federal) that in the aggregate indicate a significant programmatic breakdown.
- (ii) Non-compliances or adverse performance trends that either have or may have negative impact to the public, worker, or environment or that indicate a programmatic breakdown.
- (iii) Failure to notify the CO upon discovery of events or conditions where notification is required by the terms and conditions of the Contract.
- (iv) Failure to report required data accurately and in a timely manner.
- (v) Failure to implement continuous improvement in ESH&Q performance through effective processes, including timely submittal of meaningful performance objectives, measurements and commitments.

(b) Safeguards and Security.

(1) First Degree: Performance failures that have been determined, in accordance with applicable law, regulation, or DOE directive, to have resulted in, or that can reasonably be expected to result in, exceptionally grave damage to the national security. The following are examples of performance failures or performance failures of similar import that will be considered first degree:

- (i) Theft, loss, or diversion of Category I or II special nuclear material (SNM); adversarial attacks or acts of sabotage that result in significant consequences to the safety or security of personnel, facilities, or the public due to a failure or inadequacy of performance by the Contractor.
- (ii) Receipt of an overall rating of Unsatisfactory on a DOE Safeguards and Security survey, audit, and/or inspection.
- (iii) Failure to implement corrective action(s) in response to a first degree performance failure.

(2) Second Degree: Performance failures that have been determined, in accordance with applicable law, regulation, or DOE directive, to have actually resulted in, or that can reasonably be expected to result in, serious damage to the national security. The following are examples of performance failures or performance failures of similar import that will be considered second degree:

- (i) Theft, loss, or diversion of Category III SNM that is due to a failure or inadequacy of performance by the Contractor.
- (ii) Inventory differences of Category I/II/III SNM beyond alarm limits where there is no evidence the difference is created by loss, theft, or diversion.
- (iii) SNM found in a dangerous/hazardous or unapproved storage environment or unapproved mode of transportation/transfer.
- (iv) Failure to implement corrective action(s) in to response occurrence of a second degree performance failure.

(3) Third Degree: Performance failures that have been determined, in accordance with applicable law, regulation, or DOE directive, to have actually resulted in, or that can reasonably be expected to result in, undue risk to the common defense and security, and/or jeopardizes protection of the facility or Site security interests. The following are examples of performance failures or performance failures of similar importance that will be considered third degree:

- (i) Loss, theft, diversion, or unauthorized disclosure of information classified as Confidential.

- (ii) Negligent weapons and firearms-related incidents involving protective force operations/personnel (e.g., unauthorized weapons discharge, personal wounding).
  - (iii) Evidence that SNM data has been manipulated or falsified.
  - (iv) Inventory differences of Category IV SNM beyond alarm limits where there is no evidence the difference is created by loss, theft, or diversion.
  - (v) Loss, theft, or diversion of Category IV quantities of SNM resulting from a failure or inadequacy of performance by the Contractor.
  - (vi) Five (5) or more incidents that involve a potential compromise of classified information and/or unsecured classified repository, in a three (3) month period, of any type.
  - (vii) Receipt of a topical area rating of Unsatisfactory on a DOE Safeguards and Security survey, audit, and/or inspection.
  - (viii) Failure to implement corrective action(s) in response to a third degree performance failure.
  - (ix) Non-compliant or adverse cyber security performance that indicates serious cyber security program degradation (e.g., negative mission impacts or compromise of sensitive information [Sensitive Unclassified Information, Personally Identifiable Information, Unclassified Controlled Nuclear Information]).
- (c) Minimum requirements for specified level of performance. At a minimum, the Contractor shall perform the following:
- (1) The requirements with specific incentives that do not require the achievement of cost efficiencies in order to be performed at the level of performance set forth in the PWS, Work Authorization Directive, or similar document unless an otherwise minimum level of performance has been established in the specific incentive;
  - (2) The performance requirements directly related to requirements specifically incentivized, that do not require the achievement of cost efficiencies in order to be performed at a level of performance such that the overall performance of these related requirements is at an acceptable level; and
  - (3) Other requirements at a level of performance such that the total performance of the Contract is not jeopardized.
- The evaluation of the Contractor's achievement of the level of performance will be unilaterally determined by the Government. To the extent the Contractor fails to achieve the minimum performance levels specified in the PWS, Work Authorization Directive, or similar document, during the performance evaluation period, the DOE Operations/Field Office Manager, or designee, may reduce otherwise earned fee, fixed-fee, profit, or shared net savings for the performance evaluation period. Such reduction will not result in the total of earned fee, fixed-fee, profit, or shared net savings that is less than 25 percent of the total available fee amount.
- (d) Minimum requirements for cost performance.
- (1) Requirements incentivized by other than cost incentives must be performed within their specified cost constraint and must not adversely impact the costs of performing unrelated activities.

- (2) The performance of requirements with a specific cost incentive must not adversely impact the costs of performing unrelated requirements.
- (3) The Contractor's performance within the stipulated cost performance levels for the performance evaluation period will be determined by the Government. To the extent the Contractor fails to achieve the stipulated cost performance levels, the DOE Operations/Field Office Manager, or designee, may reduce in whole or in part otherwise earned fee, fixed-fee, profit, or shared net savings for the performance evaluation period. Such reduction will not result in the total of earned fee, fixed fee, profit, or shared net savings being less than 25 percent of the total available fee amount.

## **Part III – List of Documents, Exhibits, and Other Attachments**

### **Section J – List of Attachments**

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## Contents

### DOE-J-2001 List of Attachments (Oct 2015)

The following attachments constitute part of this Contract:

Attachment Number	Title Of Attachment	Revision Number	Number Of Pages
J-1	Acronym List		24
J-2	Requirements Sources and Implementing Documents	P00019	16
J-3.a	Hanford Site Services and Interface Requirements Matrix	P00017	123
J-3.b	Hanford Site Services and Interface Requirements Matrix	P00008	140
J-4	Performance Evaluation and Measurement Plan (PEMP)		28
J-5	Performance Guarantee Agreement		9
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J-7	Labor Standards Board Process (Reference Section H clause entitled, <i>Labor Standards</i> )		4
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J-12	Hanford Structure Responsibility Assignment Matrix	P00023	31
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J-15	Request for Services and Task Order Tables	P00031	4
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**Attachment J-15**  
**Request for Services and Task Order Tables**

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**CLIN 0007/1007/2007 - Reliability Project Task Orders**

Task Order No.	Title	RPTO Mod No.	Start Date	Completion Date	CPAF/FFP	Cost	FAC	Award Fee	Fixed Fee	Total Price	obligated funding	unobligated	appr./non appro.	Reason for Change	HMESC Mod No.	Requisition	Status
RPTO-003	Project L-861	RFP	1/25/2021	12/16/2021	CPAF	\$ 500,000.00	\$ -	\$ -	\$ -	\$ 500,000.00	\$ 300,000.00	\$ 200,000.00	appropriated	Request for Proposals with NTE and start up funding	P00029	21EM000564	Undefinitized
RPTO-004	Project L-907 Fleet Complex Design	RFP	1/25/2021	9/30/2022	CPAF	\$ 450,000.00	\$ -	\$ -	\$ -	\$ 450,000.00	\$ 300,000.00	\$ 150,000.00	appropriated	Request for Proposals with NTE and start up funding	P00029	21EM000564	Undefinitized
RPTO-008	Project L-919 Construction	RFP	1/25/2021	11/17/2021	CPAF	\$ 1,300,000.00	\$ -	\$ -	\$ -	\$ 1,300,000.00	\$ 222,000.00	\$ 1,078,000.00	appropriated	Request for Proposals with NTE and start up funding	P00029	21EM000564	Undefinitized
RPTO-008	Project L-921 Construction	RFP	1/25/2021	11/17/2021	CPAF	\$ 500,000.00	\$ -	\$ -	\$ -	\$ 500,000.00	\$ 478,000.00	\$ 22,000.00	appropriated	Request for Proposals with NTE and start up funding	P00029	21EM000564	Undefinitized
RPTO-001	Project L-612	RFP	1/25/2021	5/20/2024	CPAF	\$ 11,100,000.00	\$ -	\$ -	\$ -	\$ 11,100,000.00	\$ 11,100,000.00	\$ -	appropriated	Request for Proposals with NTE and start up funding	P00031	21EM000633	Undefinitized
RPTO-002	Projects L-897, L-850, and L-839 Construction	RFP	1/25/2021	2/28/2024	CPAF	\$ 10,000,000.00	\$ -	\$ -	\$ -	\$ 10,000,000.00	\$ 3,500,000.00	\$ 6,500,000.00	appropriated	Request for Proposals with NTE and start up funding	P00031	21EM000633	Undefinitized
RPTO-005	Various Road Projects Construction (L-883, L-534, L-934, L-603, L-789)	RFP	1/25/2021	12/31/2021	FFP	\$ 4,000,000.00	\$ -	\$ -	\$ -	\$ 4,000,000.00	\$ 1,400,000.00	\$ 2,600,000.00	appropriated	Request for Proposals with NTE and start up funding	P00031	21EM000633	Undefinitized
RPTO-006	Projects L-894 and L-895 Construction, L-849 Design	RFP	1/25/2021	4/30/2023	CPAF	\$ 4,000,000.00	\$ -	\$ -	\$ -	\$ 4,000,000.00	\$ 1,400,000.00	\$ 2,600,000.00	appropriated	Request for Proposals with NTE and start up funding	P00031	21EM000633	Undefinitized
RPTO-007	Non-DFLAW Electrical Utilities (L-707, L-720, L-801, L-791, & L-905)	RFP	1/25/2021	4/9/2024	FFP	\$ 2,800,000.00	\$ -	\$ -	\$ -	\$ 2,800,000.00	\$ 1,100,000.00	\$ 1,700,000.00	appropriated	Request for Proposals with NTE and start up funding	P00031	21EM000633	Undefinitized
<b>Total</b>		<b>9</b>				<b>\$ 34,650,000.00</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 34,650,000.00</b>	<b>\$ 19,800,000.00</b>	<b>\$ 14,850,000.00</b>			<b>9</b>		<b>9</b>

**CLIN 0008/1008/2008 - DOE Directed Work Scope Task Orders**

Task Order No.	Title	DDTO Mod No.	Start Date	Completion Date	Type	Cost	Fixed Fee	Total Price	obligated funding	unobligated	appr./non appro.	Reason for Change	HMESC Mod No.	Requisition	Status
DDTO-001	RL-PD Funded Activities	RFP	1/25/2021	9/30/2021	Cost - No Fee	\$ 147,100.00	\$ -	\$ 147,100.00	\$ 50,000.00	\$ 97,100.00	appropriated	Request for Proposals with NTE and start up funding	P00030	21EM000634	Undefinitized
DDTO-002	ORP-PD Funded Activities	RFP	1/25/2021	9/30/2021	Cost - No Fee	\$ 338,300.00	\$ -	\$ 338,300.00	\$ 100,000.00	\$ 238,300.00	appropriated	Request for Proposals with NTE and start up funding	P00030	21EM000634	Undefinitized
DDTO-003	RL Project Funded Activities	RFP	1/25/2021	9/30/2021	CPFF	\$ 1,678,200.00	\$ -	\$ 1,678,200.00	\$ 1,300,000.00	\$ 378,200.00	appropriated	Request for Proposals with NTE and start up funding	P00030	21EM000634	Undefinitized
DDTO-004	ORP Multi-Project Funded Activities	RFP	1/25/2021	9/30/2021	Cost - No Fee	\$ 618,000.00	\$ -	\$ 618,000.00	\$ 370,800.00	\$ 247,200.00	appropriated	Request for Proposals with NTE and start up funding	P00030	21EM000634	Undefinitized
DDTO-005	Tank Farm Project-Funded Activities	RFP	1/25/2021	9/30/2021	Cost - No Fee	\$ 15,500.00	\$ -	\$ 15,500.00	\$ 9,300.00	\$ 6,200.00	appropriated	Request for Proposals with NTE and start up funding	P00030	21EM000634	Undefinitized
DDTO-006	Waste Treatment Project-Funded Activities	RFP	1/25/2021	9/30/2021	Cost - No Fee	\$ 110,300.00	\$ -	\$ 110,300.00	\$ 66,180.00	\$ 44,120.00	appropriated	Request for Proposals with NTE and start up funding	P00030	21EM000634	Undefinitized
<b>Totals</b>		<b>6</b>				<b>\$ 2,907,400.00</b>	<b>\$ -</b>	<b>\$ 2,907,400.00</b>	<b>\$ 1,896,280.00</b>	<b>\$ 1,011,120.00</b>			<b>6</b>		<b>6</b>

Fiscal Year	Fiscal Month	Finplan Number	Rpt Entity	Rpt Entity Desc	Purchase Order	Fund Code	Approp Year	Program	Legacy Program	Object Class	Local Use	Project	WFO	Legacy Order Number	Beginning				Total Available
															Uncosted Obs	BA Previous	BA Change	BA Revised	
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111148	F55042010	25400	427251	1523	0		\$ -	\$ 54,500.00	\$ -	\$ 54,500.00	\$ 54,500.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	25400	421662	4626	0		\$ -	\$ -	\$ 140,000.00	\$ 140,000.00	\$ 140,000.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	25400	427277	4626	0		\$ -	\$ 300,000.00	\$ -	\$ 300,000.00	\$ 300,000.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	25400	427247	4626	0		\$ -	\$ -	\$ 105,000.00	\$ 105,000.00	\$ 105,000.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	25400	427248	4626	0		\$ -	\$ -	\$ 1,050,000.00	\$ 1,050,000.00	\$ 1,050,000.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	25400	421664	4626	0		\$ -	\$ -	\$ 238,000.00	\$ 238,000.00	\$ 238,000.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	25400	427232	4626	0		\$ -	\$ -	\$ 497,000.00	\$ 497,000.00	\$ 497,000.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	32002	427213	4626	0		\$ -	\$ -	\$ 182,000.00	\$ 182,000.00	\$ 182,000.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2016	1111668	EY5201020	25400	427212	4626	0		\$ -	\$ -	\$ 10,723,675.18	\$ 10,723,675.18	\$ 10,723,675.18
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2017	1111668	EY5201020	25400	427212	4626	0		\$ -	\$ -	\$ 376,324.82	\$ 376,324.82	\$ 376,324.82
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	25400	427219	4626	0		\$ -	\$ -	\$ 252,000.00	\$ 252,000.00	\$ 252,000.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	25400	427211	4626	0		\$ -	\$ -	\$ 542,500.00	\$ 542,500.00	\$ 542,500.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	25400	427259	4626	0		\$ -	\$ -	\$ 215,000.00	\$ 215,000.00	\$ 215,000.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111148	F55042010	31001	427250	1523	0		\$ -	\$ 109,000.00	\$ -	\$ 109,000.00	\$ 109,000.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	32002	427231	4626	0		\$ -	\$ -	\$ 21,000.00	\$ 21,000.00	\$ 21,000.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	32002	427247	4626	0		\$ -	\$ -	\$ 105,000.00	\$ 105,000.00	\$ 105,000.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	25400	427276	4626	0		\$ -	\$ -	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	32002	427232	4626	0		\$ -	\$ -	\$ 497,000.00	\$ 497,000.00	\$ 497,000.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	32002	427251	4626	0		\$ -	\$ 43,500.00	\$ -	\$ 43,500.00	\$ 43,500.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	32002	427270	4626	0		\$ -	\$ -	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	32002	427273	4626	0		\$ -	\$ -	\$ 252,000.00	\$ 252,000.00	\$ 252,000.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	25400	427231	4626	0		\$ -	\$ -	\$ 21,000.00	\$ 21,000.00	\$ 21,000.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	25400	427263	4626	0		\$ -	\$ -	\$ 157,500.00	\$ 157,500.00	\$ 157,500.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	25400	427270	4626	0		\$ -	\$ -	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	32002	427244	4626	0		\$ -	\$ -	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	32002	427211	4626	0		\$ -	\$ -	\$ 542,500.00	\$ 542,500.00	\$ 542,500.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	32002	427248	4626	0		\$ -	\$ -	\$ 1,050,000.00	\$ 1,050,000.00	\$ 1,050,000.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	32002	427259	4626	0		\$ -	\$ -	\$ 215,000.00	\$ 215,000.00	\$ 215,000.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	25400	427244	4626	0		\$ -	\$ -	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	25400	427213	4626	0		\$ -	\$ -	\$ 182,000.00	\$ 182,000.00	\$ 182,000.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	32002	427263	4626	0		\$ -	\$ -	\$ 157,500.00	\$ 157,500.00	\$ 157,500.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	31001	427250	4626	0		\$ -	\$ 113,000.00	\$ -	\$ 113,000.00	\$ 113,000.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111148	F55042010	32002	427251	1523	0		\$ -	\$ 380,000.00	\$ -	\$ 380,000.00	\$ 380,000.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	25400	421663	4626	0		\$ -	\$ 300,000.00	\$ -	\$ 300,000.00	\$ 300,000.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	25400	427273	4626	0		\$ -	\$ -	\$ 252,000.00	\$ 252,000.00	\$ 252,000.00
2021	4	12	428007	RL CC 0007 Infrastructure Reliability Projects	89303320DEM000031	1250	2021	1111668	EY5201020	25400	421661	4626	0		\$ -	\$ -	\$ 266,000.00	\$ 266,000.00	\$ 266,000.00
<b>CLIN 0007 - Final Fin Plan # 21EM000633 # 12</b>															\$ 789,115.00	\$ 39,833,146.10	\$ 18,500,000.00	\$ 58,333,146.10	\$ 59,122,261.10

**Attachment J.15**  
**CLIN 0007 – RPTO-001**  
**Request for Proposal**

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## Section B - Supplies or Services and Prices/Costs

This Task Order work shall be performed under Contract Line Item Number (CLIN) 0007 of the Hanford Mission Essential Services Contract (HMESC). Section B of the HMESC is incorporated by reference, as applicable, and is revised for purposes of this Task Order with the information below, specifically identified for this Task Order.

### B.1 DOE-B-2012 Supplies/Services Being Procured/Delivery Requirements (Oct 2014)

The Contractor shall furnish all personnel, facilities, equipment, material, supplies, and services (except as may be expressly set forth in this Task Order as furnished by the Government) and otherwise do all things necessary for, or incident to, the performance of work as described in Section C, Performance Work Statement (PWS) under this Task Order.

### B.2 Type of Contract

This is a performance-based Cost-Plus-Award Fee Task Order for the Design, Construction, and Commissioning/Delivery of the 230kV Loop Transmission System that meets the requirements of the DOE and BPA at the U.S. Department of Energy (DOE) Hanford Site, with a fee structure that provides a strong financial motivation for the Contractor to furnish safe, compliant, cost-effective and energy-efficient services.

**Table B-1. Task Order Cost and Fee**

<b>Estimated Task Order Cost</b>	[\$proposed]
<b>Estimated Task Order Fee</b>	[\$proposed]
<b>Subjective Percentage:</b>	40%
<b>Objective Percentage:</b>	60%

The task order consists of the subtasks identified in table B-2. DOE expects to obligate funding to the Contract in accordance with the estimated annual Contract value. However, funding is subject to the appropriations of Congress. DOE does not guarantee that funding will be provided or obligated in the amount stated in Tables B-2 of this task order.

**Table B-2. Subtask Order Structure**

<b>Subtask</b>	<b>Subtask Title</b>	<b>Cost</b>	<b>Fee</b>	<b>Total</b>
C.2.1	Design	[\$proposed]	[\$proposed]	[\$proposed]
C.2.2	Procurement	[\$proposed]	[\$proposed]	[\$proposed]
C.2.3	Construction	[\$proposed]	[\$proposed]	[\$proposed]
C.2.4	Delivery/Commissioning	[\$proposed]	[\$proposed]	[\$proposed]
<b>Task Total</b>		<b>[\$proposed]</b>	<b>[\$proposed]</b>	<b>[\$proposed ]</b>

- (a) For CPAF task orders, payment of fee for the services ordered and delivered shall be made in accordance with Sections B of the HMESC entitled, *Fee, Provisional Payment of Fee, and Fee Reductions*, and Section J Attachment entitled, *Performance Evaluation and Measurement Plan*.

- (b) The estimated cost or price will be established in each individual task order. The Contractor may propose the fee amount it determines appropriate for the individual task order, provided the fee/profit amount, as a percentage of the estimated cost of each proposed year, does not exceed the fee percentage ceiling as specified in the Section B clause, *DOE-B-2015 Task Order Fee Ceiling (Oct 2014) (Revised)*.

### **B.3 DOE-B-2013 Obligation of Funds (Oct 2014)**

The applicable information in B.3 of the HMESC is incorporated by reference. See J.15 of the HMESC for funding by task order.

### **B.4 Reserved**

### **B.5 DOE-B-2015 Task Order Fee Ceiling (Oct 2014) (Revised)**

- (a) The fee amount, specified as a percentage, shall not exceed a maximum of eight (8) percent for CR task orders and shall serve as the fee ceiling for CR task orders issued under the Contract.
- (b) The profit amount, specified as a percentage, shall not exceed a maximum of eight (8) percent for firm-fixed-price and time-and-material task orders issued under this Contract.
- (c) The fee amount for each task order will be negotiated and established in each individual task order based on risk and complexity. For CPAF task orders, the fee ceiling percentage applies to the total of the amount proposed for award fee.
- (d) The fee ceiling percentage shall at no time exceed any statutory limitations imposed by 41 USC §3905, and FAR 15.404-4(c)(4)(i).

## **Section C - Performance Work Statement**

### **C.1 Task Order Purpose and Overview**

The L-612, 230kV Transmission System Reconstruction and Sustainability (refurbishment) is to be performed for the DOE Richland Operations Office (RL), located in Richland, Washington. The purpose of this Task Order is to replace the existing north loop of the site 230kV transmission system to ensure system reliability through FY 2060. The existing line consists of approximately 28 miles of wood and steel lattice structures, conductors, and associated hardware. The replacement system will be rightsized to continue to meet site needs and ensure reliable power for the Site. The project will replace deteriorating wood and steel lattice structures, conductors, and associated hardware with engineered steel monopole structures from Midway Substation to the A6 tap just north of the A6 substation that will include a double circuit, BPA Midway Ashe No. 1 and DOE-RL Midway-HEW No.1. Approximately 10 miles of the North Loop are no longer required to support the mission and will be demolished after new construction is complete.

DOE-RL intends to replace the line and has proposed a new double circuit line with the financial participation of Bonneville Power Administration (BPA). Upon completion, DOE-RL will own and operate one circuit (Hanford New North Loop – Midway No. 1) that will replace the existing north loop. BPA will own and operate the towers and the second circuit, the BPA bypass

(Midway Ashe No. 1) that will provide a new transmission path from Midway to Ashe tap. Ultimately, this project will provide a dedicated line for DOE’s Verification Plant (DFLAW) and a more reliable back-up service to the Columbia Generating Station. BPA has agreed to be the registered Transmission Operator (Top) for this section of the Bulk Electric System (BES) transmission once equipment is installed to give BPA Dispatch the necessary visibility and control of the line.

Reliable electrical power is a cornerstone for safe, timely execution of the Hanford Site mission. The construction of, and operation of the Waste Treatment Plant will require reliable power to operate cost effectively and safely for over 40 years. The new double circuit will reduce outage risk by removing the operational vulnerability and exposure to outages caused by DOE-RL operating on the same circuit and allowing the Hanford loop system to be serviced without waiting for an unplanned outage or planned Columbia Generating Station outage every two years. This will, in turn, lower the overall load on the DOE-RL circuit for additional reliability.

**C.2 Scope of Work**

**General Requirements**

The desired outcome is to deliver the comprehensive design and construction of the 230kV Transmission System in accordance with customer requirements, in a timely and cost-effective manner and procure appropriate long-lead material in accordance with all applicable requirements.

The Project will maintain the Project Execution Plan to the most current HMESC Program Management Plan. This document will provide the methodology for management and the processes and techniques, for conducting the execution, and interfacing requirements during Design, Construction and Commissioning.

**Key Customers**

-DOE

-BPA

**Table C-1. Listing of Task-Specific Scope**

<b>Task: # RPTO-001</b>			
<b>Task</b>	<b>Task Title</b>	<b>Task Section</b>	<b>CWBS Reference*</b>
1	Design	C.2.1	
2	Procurement	C.2.2	
3	Construction	C.2.3	
4	Delivery/Commissioning	C.2.4	
* The CWBS Reference(s) for the Task will be referenced by the Contractor as part of its proposal.			

**Table C-1. Listing of Task-Specific Scope**

Task: # RPTO-001	
CWBS =	Contract Work Breakdown Structure

### **C.2.1 Design**

#### **Scope and Requirements**

The contractor shall:

- Update the design to replace worn and out dated hardware to meet all DOE/RL and BPA standards/specifications.
- Perform, document and release the following (but not limited to) areas of engineering design:
  - Sag and Tension and Stringing Charts are to be included on or within the Plan/Profile drawings.
  - Wind Span calculations to support pole class requirements for span lengths used
  - Down guy strength calculatios to be included on or within the Plan/Profile drawings
  - Vertical Clearance requirements
  - Grounding/Counterpoise Requirements
  - Structural material details and strength requirements
- Ensure the design meets or exceeds IEEE C2-2012, *National Electrical Safety Code*, and meets the following requirements:
  - New line shall follow one of the three predetermined routing alternatives.
  - New line capacity shall be no less than that of the South Loop.
  - New line structures shall have a life-span of at least fifty years.
- The design work for the project is to follow the phasing sequence of 30% Conceptual Design, 60% Definitive Design, 90% Definitive Design, and 100% Final Design.
- Deliver and resolve issues for each of the Design Phases (100% Design) in accordance with the DOE-RL and BPA standards/specifications.
- Design shall be performed by or under the direction of a Washington State registered PE. All engineering documents, such as design drawings, construction specifications, or any other document prepared shall be sealed by the responsible PE.
- Complete and deliver 100% design by 3<sup>rd</sup> quarter of FY21

#### **Boundaries, Constraints, and Interfaces**

Boundaries & Constraints:

Engineering and Procurement Agreement (for design) between DOE and BPA. (See Table C-2)

Interfaces:

BPA Engineering

### **C.2.2 Procurement**

#### **Scope and Requirements**

The contractor shall:

- Identify and procure the materials needed for the construction and delivery of the 230kV system as identified in the design documentation.
- Identify and procure the required long lead materials, including steel monopoles, needed for system construction as identified in the design documentation.
- Obtain and deliver quality materials to meet project schedule requirements.
- Demonstrate compliance with Contractor Purchasing System Requirements.
  - Write Acquisition Planning Document
  - Develop Statement of Work for procurement
  - Obtain DOE Consent

#### **Boundaries, Constraints, and Interfaces**

Boundaries & Constraints:

Potential schedule impacts based on design and delivery.

Engineering and Procurement Agreement (for design) between DOE and BPA. The Design must meet the requirements of DOE-RL and because the System is owned and will be operated by BPA after the System Refurbishment, the Engineering and Construction must meet the requirements of BPA Interagency Agreement. This is done at the 30%, 60%, and 90% Design Reviews, and will be reviewed and agreed to at the 100% Design review.

Award Construction Contract 3<sup>rd</sup> Quarter of FY21

Interfaces:

Continual interfaces with BPA until Project Closeout

### **C.2.3 Construction**

#### **Scope and Requirements**

The contractor shall:

- Implement the approved design generated in C.2.1 Design to construct the 230kV System in accordance with DOE-RL/BPA requirements. (See C.2.1 and Table C-2)
- Follow the sequence as approved in final Project design, Functional Design Criteria, and described in the Project Execution Plan.
  - Construction is planned in two phases; Phase 1 is Midway – A9 Tap

- Phase 2 is A9 – A6 Tap.
- Both phases include the following: construct towers, install wire, and testing/commissioning.
- Comply with the latest revision of the Fire Marshal Advisory Bulletin, AB07-001.
- Remove existing infrastructure including wood poles, serial wire, insulators, steel towers, etc. as established in the design.
- Avoid generation of waste during this project, however, if waste is generated ensure waste is properly designated, packaged, and stored.
- Demonstrate that the system meets the DOE/RL and BPA standards/specifications.

### **Boundaries, Constraints, and Interfaces**

#### Boundaries & Constraints:

The Hanford Site Wheels power through the Transmission System between Midway Substation and Ashe Substation, both owned by the Bonneville Power Administration (BPA). Any planned outage during the construction of the new line must be coordinated with BPA through Electrical Utilities Dispatch.

Construction agreement between DOE and BPA. (See Table C-2)

BPA substation work at Midway tie in to the substation requires advance notice and coordination with BPA for “shutdown access”.

This project will require Excavation Permit(s) to be developed and approved for the construction of new Pole placements.

BPA Substation Work at Midway, BPA has work separate from this work scope, however close interface is required to ensure that there is no impacts or loss of service.

Coordination of all outages BPA/Others

Notification to BPA of Power outage request

Integrate A9 with new North Loop (Phase 1)

Integrate with North Loop with South Loop (Phase 2)

Potential transmission crew labor shortages (lineman) for the length of the period of performance.

Construction Complete 4th Quarter of FY23

Interfaces:

BPA Electrical Utilities Dispatch

### **C.2.4 Delivery**

#### **Scope and Requirements**

The contractor shall:

- Based on the successful Demonstration of 230kV system prepare all necessary documentation for turnover.
  - Ensure all Warranties on Subcontractor-Furnished Material and equipment, documentation is available and meet system maintenance requirements.
  - Vendor maintenance manuals, vendor information, vendor submittals.
  - Other appropriate data as required for turnover.
- Provide signed acceptance documentation.
- Compile and provide documentation related to 230kV delivery and completion including the Construction Completion Document.

**Boundaries, Constraints, and Interfaces**

Boundaries & Constraints: None

Interfaces: None

**C.3 Additional Supplemental Scope Information**

The Supplemental Information in Table C-2 below provides additional required information to be used for defining the scope of work performed under this Task Order.

**Table C-2. Supplemental Information**

Task Order Section	Supplemental Information
C.2.1	Policies, procedures, and standards applied should be consistent with those applied in PWS Section C.4.12.1 Engineering of the HMESC
C.2.1	Agreement # 19TP-11798- Engineering and Procurement Activities for the Proposed Midway-Ashe Tap 230kV Double Circuit Transmission Line on Hanford Site, Washington
C.2.1	Completed 60% design (to be available by 11/17/20) and Completed 90% design (to be available by 12/31/2020)
C.2.2, C.2.3, C.2.4	Construction Agreement between DOE-RL and BPA (To Be Negotiated/Approved by 3 <sup>rd</sup> quarter FY21)

**Section D - Packaging and Marking**

Section D of the HMESC contract is incorporated by reference, as applicable to this Task Order.

### Section E - Inspection and Acceptance

Section E of the HMESC contract is incorporated by reference, as applicable to this Task Order.

### Section F - Deliveries or Performance

Section F of the HMESC contract is incorporated by reference, as applicable to this Task Order, with the exception of Clause F.3 *Period of Performance* of the HMESC, which is filled in and provided below as F.3 *Period of Performance*.

#### F.3 Period of Performance

- (a) The Task Order period of performance shall be from January 25, 2021 through May 20, 2024.
- (b) The period of performance of this contract may be extended pursuant to unilateral options or other clauses that provide for the extension of the Contract. In the event that the Government elects to exercise its right pursuant to such options(s) or other clauses, the period of performance shall be revised to reflect such extensions.
- (c) The Contractor shall not be paid for work performed or costs incurred prior to the Task Order effective date. The Contractor is not authorized to proceed beyond the Task Order period of performance, nor will the Contractor be paid for any costs incurred beyond that period unless the Task Order is modified by the CO to extend the period of performance.

### Section G - Contract Administration Data

Section G of the HMESC contract is incorporated by reference, as applicable to this Task Order.

### Section H - Special Contract Requirements

Section H of the HMESC contract is incorporated by reference, as applicable to this Task Order.

### Section I - Contract Clauses

Section I of the HMESC contract is incorporated by reference, as applicable to this Task Order. The following Section I Clauses are also applicable and filled-in as follows:

**Table I-1. Section I Clause Fill-Ins**

Clause No.	FAR/DEAR Reference	Title	Fill-In Information; See FAR 52.104(d)
I.1	52.215-10	Price Reduction for Defective Certified Cost or Pricing Data (Aug 2011)	Fill-In Not Applicable
I.2	52.215-12	Subcontractor Certified Cost or Pricing Data (Jun 2020)	Fill-In Not Applicable
I.3	52.216-7 (Alt I)	Allowable Cost and Payment (Aug 2018) <i>as modified by DEAR 952.216-7</i>	(a)(3) 30th (cost invoices) and 30th (fee invoices)

I.4	52.232-27	Prompt Payment for Construction Contracts (Jan 2017)	Fill-In Not Applicable
DEAR = Department of Energy Acquisition Regulation		FAR = Federal Acquisition Regulation	

This task order incorporates one or more clauses, by reference, as indicated in the matrix above.

### Section J - List of Documents, Exhibits, and Other Attachments

Section J of the HMESC contract is incorporated by reference, as applicable to this Task Order, with the exception of the following, which are hereby incorporated in this Task Order.

#### Section J.10 – Task Order Deliverables L-612

The following list of 6 Deliverables are required for this Task Order.

#### Task Order RPTO - 001

Deliverable Number	Deliverable	DOE		Deliverable Due Date	Task Order Section
		Action	Response Time*		
1	Design Phases: 100%	Review	N/A	03/31/2021	C.2.1
2	Procurement, Subcontract Consent Package for Long Lead Items- Submit comprehensive consent package per Contracting Officer expectations/guidance	Approve	<i>In accordance with subcontracting letter</i>	04/30/2021	C.2.2
3	Procurement, Subcontract Consent Package for Construction	Approve	<i>In accordance with subcontracting letter</i>	11/08/2021	C.2.3
4	Construction Completion Document	Review	N/A	12/31/2023	C.2.4

**Task Order RPTO - 001**

Deliverable Number	Deliverable	DOE		Deliverable Due Date	Task Order Section
		Action	Response Time*		
5	Bi-Weekly Progress Report	Review	N/A	2 weeks	C.2.1, C.2.2, C.2.3
6	Monthly Progress Report	Review	N/A	2 weeks following the Monthly Financial cut off	C.2.1, C.2.2, C.2.3

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## **Appendix A - Supplemental Information for Section C**

- Engineering and Procurement Agreement
  - <https://hanfordsite.sharepoint.com/sites/DOE-TOIRP/Task%20Order%20Library/Documents/L-612/DOE-RL-BPA%20Engineering%20and%20Procurement%20Agreement%20Project%20L-612.pdf>
- 60 percent project design (in process due 11/17/2020)
- 90 percent project design (in process due 12/31/2020)
- Construction Agreement between DOE-RL and BPA (if completed prior to Task Order Issuance to HMIS, expected )
- Link to Master SharePoint Technical Library:  
<https://hanfordsite.sharepoint.com/sites/DOE-PM-Legacy/SitePages/Home.aspx>

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**Appendix B – Task Order RPTO-001 Proposal Preparation Instructions –  
Cost and Fee Proposal**

**1. Instructions: Task Order RPTO-001 Cost Plus Award Fee Proposal**

The Contractor shall respond to this request for proposal within 60 days of receipt.

Solicitation provisions in L.1 of the HMESC RFP are incorporated by reference as applicable to this task, except for additional solicitation provisions identified below.

<b>FAR/DEAR Reference</b>	<b>Title</b>	<b>Fill-In Information; See FAR 52.104(d)</b>
52.215-20	Requirements for Certified Cost or Pricing Data and Other than Certified Cost or Pricing Data (Oct 2010)	Fill-In Not Applicable
DEAR = Department of Energy Acquisition Regulation FAR = Federal Acquisition Regulation		

The Contractor’s task proposal for Cost Plus Award Fee Task Orders shall include:

- (1) The proposed cost and fee amounts, if applicable, for Section B, *Supplies or Services and Prices/Costs*, Table B-1, *Task Order Cost and Fee*, as detailed by task or subtask in Table B-2, *Subtasks*.
- (2) A detailed technical approach on the PWS elements and sufficient detail to demonstrate the completeness, feasibility, and effectiveness of the Offeror’s technical approach.
- (3) All assumptions impacting the Offeror’s proposal.
- (4) Additionally, the contractor shall prepare its Task Order Proposal in accordance with the instructions in paragraphs (a) through (h):
  - (a) The contractor shall propose in accordance with FAR Table 15.2 with applicable breakdown of costs.
  - (b) The rates and pricing proposed by the contractor shall be in alignment with awarded HMESC proposal and/or current provisionally approved forward pricing rates consistent with FAR 15.
  - (c) The Offeror shall utilize the assumptions included within the RFP Appendix C and the Supplemental Information contained within this Task Order when preparing its cost estimate. Proposed costs and fee shall be on a Government fiscal year (GFY) basis from October 1 through September 30. Costs shall be proposed in FY21 dollars (October 1, 2020, through September 30, 2021).
  - (d) The Offeror shall not propose a fee percentage that exceeds the fee percentage in Section B.5(a) of this Task Order.

- (e) Contractor shall provide a Primavera P6 (P6), “.XER” file type integrated resource-loaded schedule that identifies the time phasing of work for this Task Order. The schedule shall include the activities necessary to achieve the Task Order at a resource level. The integrated schedule shall include all defined scope of work in this Task Order, with the consideration to the constraints identified in Appendix C – Cost Assumptions.
- (f) Proposal – The Offeror shall provide narrative support sufficient to explain the development of the costs/prices proposed for this Task Order in accordance with FAR Table 15.2, *Instructions for Submitted Cost/Price Proposal When Certified Cost or Pricing Data are Required*:

*I. General Instructions*

A. You must provide the following information on the first page of your pricing proposal:

- (1) Solicitation, contract, and/or modification number;
- (2) Name and address of offeror;
- (3) Name and telephone number of point of contact;
- (4) Name of contract administration office (if available);
- (5) Type of contract action (that is, new contract, change order, price revision/redetermination, letter contract, unpriced order, or other);
- (6) Proposed cost; profit or fee; and total;
- (7) Whether you will require the use of Government property in the performance of the contract, and, if so, what property;
- (8) Whether your organization is subject to cost accounting standards; whether your organization has submitted a CASB Disclosure Statement, and if it has been determined adequate; whether you have been notified that you are or may be in noncompliance with your Disclosure Statement or CAS (other than a noncompliance that the cognizant Federal agency official has determined to have an immaterial cost impact), and, if yes, an explanation; whether any aspect of this proposal is inconsistent with your disclosed practices or applicable CAS, and, if so, an explanation; and whether the proposal is consistent with your established estimating and accounting principles and procedures and FAR Part 31, Cost Principles, and, if not, an explanation;
- (9) The following statement: This proposal reflects our estimates and/or actual costs as of this date and conforms with the instructions in FAR 15.403-

5(b)(1) and Table 15-2. By submitting this proposal, we grant the Contracting Officer and authorized representative(s) the right to examine, at any time before award, those records, which include books, documents, accounting procedures and practices, and other data, regardless of type and form or whether such supporting information is specifically referenced or included in the proposal as the basis for pricing, that will permit an adequate evaluation of the proposed price.

(10) Date of submission; and

(11) Name, title, and signature of authorized representative.

- B. In submitting your proposal, you must include an index, appropriately referenced, of all the certified cost or pricing data and information accompanying or identified in the proposal. In addition, you must annotate any future additions and/or revisions, up to the date of agreement on price, or an earlier date agreed upon by the parties, on a supplemental index.
- C. As part of the specific information required, you must submit, with your proposal—
- (1) Certified cost or pricing data (as defined at FAR 2.101). You must clearly identify on your cover sheet that certified cost or pricing data are included as part of the proposal.
  - (2) Information reasonably required to explain your estimating process, including—
    - (i) The judgmental factors applied and the mathematical or other methods used in the estimate, including those used in projecting from known data; and
    - (ii) The nature and amount of any contingencies included in the proposed price.
- D. You must show the relationship between line item prices and the total contract price. You must attach cost-element breakdowns for each proposed line item, using the appropriate format prescribed in the “Formats for Submission of Line Item Summaries” section of this table. You must furnish supporting breakdowns for each cost element, consistent with your cost accounting system.
- E. When more than one line item is proposed, you must also provide summary total amounts covering all line items for each element of cost.
- F. Whenever you have incurred costs for work performed before submission of a proposal, you must identify those costs in your cost/price proposal.

- G. If you have reached an agreement with Government representatives on use of forward pricing rates/factors, identify the agreement, include a copy, and describe its nature.
- H. As soon as practicable after final agreement on price or an earlier date agreed to by the parties, but before the award resulting from the proposal, you must, under the conditions stated in FAR 15.406-2, submit a Certificate of Current Cost or Pricing Data.

## *II. Cost Elements*

Depending on your system, you must provide breakdowns for the following basic cost elements, as applicable:

- A. *Materials and services.* Provide a consolidated priced summary of individual material quantities included in the various tasks, orders, or line items being proposed and the basis for pricing (vendor quotes, invoice prices, etc.). Include raw materials, parts, components, assemblies, and services to be produced or performed by others. For all items proposed, identify the item and show the source, quantity, and price. Conduct price analyses of all subcontractor proposals. Conduct cost analyses for all subcontracts when certified cost or pricing data are submitted by the subcontractor. Include these analyses as part of your own certified cost or pricing data submissions for subcontracts expected to exceed the appropriate threshold in FAR 15.403-4. Submit the subcontractor certified cost or pricing data and data other than certified cost or pricing data as part of your own certified cost or pricing data as required in paragraph IIA(2) of this table. These requirements also apply to all subcontractors if required to submit certified cost or pricing data.
  - (1) *Adequate Price Competition.* Provide data showing the degree of competition and the basis for establishing the source and reasonableness of price for those acquisitions (such as subcontracts, purchase orders, material order, etc.) exceeding, or expected to exceed, the appropriate threshold set forth at FAR 15.403-4 priced on the basis of adequate price competition. For interorganizational transfers priced at other than the cost of comparable competitive commercial work of the division, subsidiary, or affiliate of the contractor, explain the pricing method (see FAR 31.205-26(e)).
  - (2) *All Other.* Obtain certified cost or pricing data from prospective sources for those acquisitions (such as subcontracts, purchase orders, material order, etc.) exceeding the threshold set forth in FAR 15.403-4 and not otherwise exempt, in accordance with FAR 15.403-1(b) (*i.e.*, adequate price competition, commercial items, prices set by law or regulation or waiver). Also provide data showing the basis for establishing source and reasonableness of price. In addition, provide a summary of your cost analysis and a copy of certified cost or pricing data submitted by the

prospective source in support of each subcontract, or purchase order that is the lower of either \$13.5 million or more, or both more than the pertinent certified cost or pricing data threshold and more than 10 percent of the prime contractor's proposed price. Also submit any information reasonably required to explain your estimating process (including the judgmental factors applied and the mathematical or other methods used in the estimate, including those used in projecting from known data, and the nature and amount of any contingencies included in the price). The Contracting Officer may require you to submit cost or pricing data in support of proposals in lower amounts. Subcontractor certified cost or pricing data must be accurate, complete and current as of the date of final price agreement, or an earlier date agreed upon by the parties, given on the prime contractor's Certificate of Current Cost or Pricing Data. The prime contractor is responsible for updating a prospective subcontractor's data. For standard commercial items fabricated by the offeror that are generally stocked in inventory, provide a separate cost breakdown, if priced based on cost. For interorganizational transfers priced at cost, provide a separate breakdown of cost elements. Analyze the certified cost or pricing data and submit the results of your analysis of the prospective source's proposal. When submission of a prospective source's certified cost or pricing data is required as described in this paragraph, it must be included as part of your own certified cost or pricing data. You must also submit any data other than certified cost or pricing data obtained from a subcontractor, either actually or by specific identification, along with the results of any analysis performed on that data.

- B. *Direct Labor*. Provide a time-phased (e.g., monthly, quarterly, etc.) breakdown of labor hours, rates, and cost by appropriate category, and furnish bases for estimates.
- C. *Indirect Costs*. Indicate how you have computed and applied your indirect costs, including cost breakdowns. Show trends and budgetary data to provide a basis for evaluating the reasonableness of proposed rates. Indicate the rates used and provide an appropriate explanation.
- D. *Other Costs*. List all other costs not otherwise included in the categories described above (e.g., special tooling, travel, computer and consultant services, preservation, packaging and packing, spoilage and rework, and Federal excise tax on finished articles) and provide bases for pricing.
- E. *Royalties*. If royalties exceed \$1,500, you must provide the following information on a separate page for each separate royalty or license fee:
  - (1) Name and address of licensor.
  - (2) Date of license agreement.

- (3) Patent numbers.
  - (4) Patent application serial numbers, or other basis on which the royalty is payable.
  - (5) Brief description (including any part or model numbers of each contract item or component on which the royalty is payable).
  - (6) Percentage or dollar rate of royalty per unit.
  - (7) Unit price of contract item.
  - (8) Number of units.
  - (9) Total dollar amount of royalties.
  - (10) If specifically requested by the Contracting Officer, a copy of the current license agreement and identification of applicable claims of specific patents (see FAR 27.202 and 31.205-37).
- (g) DOE or its cognizant audit entity may request additional supporting information for purposes of clarification.
- (h) The Offeror shall not propose cost for Government-Furnished Property for use during the performance of this Contract.

## **2. Evaluation Factors for Award**

The Government intends to issue a task order that meets the task order requirements at a fair and reasonable price. There are no options to be evaluated for this task order.

### Appendix C – Cost Assumptions

<b>Task Section</b>	<b>Assumptions</b>
General Assumption	Program Management specific support is included in CLIN 4 and is excluded for this Task Order
C.2.1	The design is completed through 90%.
C.2.2	This includes the cost of the long lead material and all construction materials and any effort to acquire these materials.
C.2.3	This excludes all material purchases, except any consumables and equipment usage.
C.2.4	Includes effective transfer of ownership to BPA.

**Attachment J.15**  
**CLIN 0007 – RPTO-002**  
**Request for Proposal**

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## Section B - Supplies or Services and Prices/Costs

This Task Order work shall be performed under Contract Line Item Number (CLIN) 0007 of the Hanford Mission Essential Services Contract (HMESC). Section B of the HMESC is incorporated by reference, as applicable, and is revised for purposes of this Task Order with the information below specifically identified for this Task Order.

### B.1 DOE-B-2012 Supplies/Services Being Procured/Delivery Requirements (Oct 2014)

The Contractor shall furnish all personnel, facilities, equipment, material, supplies, and services (except as may be expressly set forth in this Task Order as furnished by the Government) and otherwise do all things necessary for, or incident to, the performance of work as described in Section C, Performance Work Statement (PWS) under this Task Order.

### B.2 Type of Contract

This is a performance-based Cost-Plus-Award Fee (CPAF) Task Order for construction of the sanitary water system at the U.S. Department of Energy (DOE) Hanford Site, with a fee structure that provides a strong financial motivation for the Contractor to furnish safe, compliant, cost-effective and energy-efficient services.

**Table B-1. Task Order Cost and Fee**

<b>Estimated Task Order Cost</b>	[\$proposed]
<b>Estimated Task Order Fee</b>	[\$proposed]
<b>Subjective Percentage:</b>	40%
<b>Objective Percentage:</b>	60%

The task order consists of the subtasks identified in table B-2. DOE expects to obligate funding to the Contract in accordance with the estimated annual Contract value. However, funding is subject to the appropriations of Congress. DOE does not guarantee that funding will be provided or obligated in the amount stated in Table B-2 of this task order.

**Table B-2. Subtask Order Structure**

<b>Subtask</b>	<b>Subtask Title</b>	<b>Cost</b>	<b>Fee</b>	<b>Total</b>
C.2.1	L-897, 200 Area Water Treatment Plant Construction	[\$proposed]	[\$proposed ]	[\$proposed]
C.2.2	L-850, Replace 200W 1.1M-gal PW Tank Construction	[\$proposed]	[\$proposed ]	[\$proposed]
C.2.3	L-839, 12" Potable Water Loop-Line to WTP Construction	[\$proposed]	[\$proposed ]	[\$proposed]
<b>Task Total</b>		<b>[\$proposed]</b>	<b>[\$proposed d]</b>	<b>[\$proposed ]</b>

- (a) For CPAF task orders, payment of fee for the services ordered and delivered shall be made in accordance with Sections B of the HMESC entitled, *Fee, Provisional Payment of Fee, and Fee Reductions*, and Section J Attachment entitled, *Performance Evaluation and Measurement Plan*.

- (b) The estimated cost or price will be established in each individual task order. The Contractor may propose the fee amount it determines appropriate for the individual task order, provided the fee/profit amount, as a percentage of the estimated cost of each proposed year, does not exceed the fee percentage ceiling as specified in the Section B clause, *DOE-B-2015 Task Order Fee Ceiling (Oct 2014) (Revised)*.

### **B.3 DOE-B-2013 Obligation of Funds (Oct 2014)**

The applicable information in B.3 of the HMESC is incorporated by reference. See J.15 of the HMESC for funding by task order.

### **B.4 Reserved**

### **B.5 DOE-B-2015 Task Order Fee Ceiling (Oct 2014) (Revised)**

- (a) The fee amount, specified as a percentage, shall not exceed a maximum of eight (8) percent for cost reimbursable (CR) task orders and shall serve as the fee ceiling for CR task orders issued under the Contract.
- (b) The profit amount, specified as a percentage, shall not exceed a maximum of eight (8) percent for firm-fixed-price and time-and-material task orders issued under this Contract.
- (c) The fee amount for each task order will be negotiated and established in each individual task order based on risk and complexity. For CPAF task orders, the fee ceiling percentage applies to the total of the amount proposed for award fee.
- (d) The fee ceiling percentage shall at no time exceed any statutory limitations imposed by 41 USC §3905, and FAR 15.404-4(c)(4)(i).

## **Section C - Performance Work Statement**

### **C.1 Task Order Purpose and Overview**

The 200 Area Water Treatment Plant, L-897, Potable Water Tank, L-850, and the 12” Potable Water Loop-Line to Waste Treatment Plant (WTP), L-839, are to be performed for the DOE Richland Operations Office (RL), located in Richland, Washington. The purpose of this Task Order is to construct a new potable water treatment facility, a new potable water tank, and a redundant 12” potable water line to WTP on the Central Plateau.

The new treatment facility, L-897, will be constructed to be capable of producing a minimum of 3.5 million gallons per day (MGD) with the ability to expand to 5 MGD, to meet current and future forecasted potable water demand. The new water treatment facility will be constructed using modular units fitted with PALL Aria™ microfiltration hollow fiber feed membrane system for water filtration.

The water treatment facility scope includes provision for potable and export water connections, sewer, electrical, HLAN, interior and exterior lighting, fire protection/detection systems, and wastewater disposal infrastructure connected to a new facility. The new water treatment facility will need to be connected to the new Potable Water Storage Tank, to be installed under Project L-850. This will eliminate the need for a belowground clear well.

The primary goal of this project is to provide a “service ready” water treatment facility, capable of supporting and sustaining the potable water demands on the Central Plateau over the next 45+ years to support the Hanford Site Cleanup Mission. Another goal is to provide continuation of favorable water compliance in accordance with WAC 246-290, as well as the potential to increase water quality with a new and more modern filter system. The facility will serve as the sole potable water supply for the Central Plateau.

The current water treatment facility has exceeded its design life. If the new water treatment facility is not constructed, there will be substantial and cascading impacts to Direct Feed Low Activity Waste (DFLAW), the Waste Treatment Facility, and Central Plateau operations, as the current water treatment facility is unable to produce the amount of potable water that will be needed to perform functions that are central and vital to the cleanup mission. Cleanup and waste treatment processes would be impacted due to lack of water for key processes and fire suppression at nuclear facilities.

The new potable water (PW) tank, L-850, for the sanitary water (SW) system will replace and improve the reliability of the system’s current tank which is 1.1 MG. The new tank will be approximately 1.3 MG. Inspections of the existing tank (building number 283WA) have documented increasing levels of corrosion within the tank, particularly in the roof area. The current tank is not flow-through and therefore requires a jockey pump to operate continually. The clear well storage of 400,000 gallons at 283W will be eliminated when the water treatment facility is commissioned, creating the need for a new storage facility. The need for the sanitary water system to support fire suppression further increased the required SW storage capacity. Without sufficient SW hotel, process, and fire water storage capacity, cleanup and waste treatment processes would be curtailed. The existing tank will be demolished once the new tank is fully operational, approved by Washington State Department of Health (WA DOH) for use and connected to the SW grid. The new tank will add freeze protection to satisfy National Fire Protection Association (NFPA) requirements. Functionality of the tank will be expanded to include serving as the contact time chamber for the water treatment facility.

Project L-839, the 12” Potable Water Loop-Line to WTP, will provide a redundant 12” potable water feed to WTP. This line will tie in at the 12” potable water loop south of 2269E, run east along Route 4S to Canton Ave, turn north and run parallel to Canton Ave to the WTP Loop Road. This is approximately 12,000 feet of 12” potable water main. This project will reduce the risk of a water outage to the WTP in the event of a line break on the existing sanitary water line. This line will also provide additional redundancy to the 200E sanitary water distribution grid, supporting Tank Farms and other site cleanup missions.

## **C.2 Scope of Work**

### **General Requirements**

The desired outcome is to deliver the construction of the 200 Area Water Treatment Plant, 200W 1.MG PW Tank, and the 12” Potable Water Loop-Line to WTP in accordance with customer requirements, in a timely and cost-effective manner and in accordance with all applicable requirements. Sections C.2.1, C.2.2, and C.2.3 provide further detail on specific construction work scope that is included in this task order.

**Key Customers**

-DOE

**Table C-1. Listing of Task-Specific Scope**

<b>Task: RPTO-002</b>			
<b>Task</b>	<b>Task Title</b>	<b>Task Section</b>	<b>CWBS Reference*</b>
1	L-897, 200 Area Water Treatment Plant Construction	C.2.1	
2	L-850, Replace 200W 1.1 MG PW Tank Construction	C.2.2	
3	L-839, 12” Potable Water Loop-Line to WTP Construction	C.2.3	
* The CWBS Reference(s) for the Task will be referenced by the Contractor as part of its proposal. CWBS = Contract Work Breakdown Structure			

**C.2.1 Construction, L-897, 200 Area Water Treatment Plant Scope and Requirements**

The contractor shall:

- Implement the approved designs referenced in Table C-2 to construct the L-897, 200W Area Water Treatment Plant in accordance with DOE-RL requirements.
  - Construct the Water Treatment Plant substructure and foundation.
  - Construct the building shell.
  - Construct the building interior and services.
  - Construct the civil site paving and finishes.
  - Install the Water Treatment System and Processing Equipment
- Ensure all Operations & Maintenance (O&M) documentation is available for system maintenance requirements as specified in the submittal register.
- Comply with Washington Administrative Code (WAC) 246-290-120 and provide the Project Construction Completion Reports upon construction completion, and prior to operation.

**Boundaries, Constraints, and Interfaces**

Boundaries & Constraints:

This project will require Excavation Permit(s) to be developed and approved.

Interfaces:

- Water and Sewer Utilities
- Land and Facilities Management
- Electrical Utilities
- Information Technology Group
- Hanford Fire Systems Maintenance
- Hanford Fire Marshal's Office
- WA DOH

### **C.2.2 Construction, L-850, Replace 200W 1.1MG PW Tank Scope and Requirements**

The contractor shall:

- Implement the approved designs referenced in Table C-2 to construct the L-850, 200W 1.1MG PW Tank, in accordance with DOE-RL requirements.
  - Remove existing infrastructure such as raw water booster pumps, motors, electrical, and piping inside 282WC necessary to accommodate the new sanitary water distribution pumps for L-850.
  - Civil site prep for new tank and piping.
  - Install new tank foundation.
  - Install new tank drain, overflow, and bypass piping.
  - Install new Programmable Logic Controller/Human Machine Interface, Variable Frequency Drives (PLC/HMI, VFDs), vibration sensors and electrical.
  - Assemble/Erect new tank and install tank sensors and wiring connections to PLC.
  - Install new piping from 282WC to the sanitary water grid.
  - Perform disinfection of the tank, piping, and equipment/components.
- Support start-up and commissioning services
  - Perform Construction Acceptance Testing (CAT) including hydrostatic and leak testing and operator On the Job Training/On the Job Experience (OJT/OJE).
  - Perform Operational Acceptance Test (OAT) and validate operation and maintenance procedures.
- Demolish existing equipment (optional)
  - Demolish obsolete piping/equipment for 283WA tank in Building 282WC.

- Demolition of existing tank.
- Develop As-Built drawings and construction completion report.
- Ensure all O&M documentation is available for system maintenance requirements as specified in the submittal register.
- Comply with WAC 246-290-120 and provide the Project Construction Completion Reports upon construction completion, and prior to operation.

### **Boundaries, Constraints, and Interfaces**

Boundaries & Constraints:

This project will require Excavation Permit(s) to be developed and approved.

Interfaces:

- Water and Sewer Utilities
- Land and Facilities Management
- Electrical Utilities
- Information Technology Group
- Hanford Fire Systems Maintenance
- Hanford Fire Marshal's Office
- WA DOH

### **C.2.3 Construction, L-839, 12" Potable Water Loop-Line to WTP Scope and Requirements**

The contractor shall:

- Implement the approved designs referenced in Table C-2, in accordance with the design and DOE-RL requirements.
- Based on the construction of the L-839, 12" Potable Water Loop-Line to WTP, prepare all necessary documentation for turnover as required in submittal register.
- Provide a Hydraulic Analysis supporting performance of new line.
- Develop As-Built drawings and construction completion report.
- Ensure all O&M documentation is available for system maintenance requirements as specified in the submittal register.
- Comply with WAC 246-290-120 and provide the Project Construction Completion Reports upon construction completion, and prior to operation.
- Provide signed acceptance documentation.

**Boundaries, Constraints, and Interfaces**

Boundaries & Constraints:

This project will require Excavation Permit(s) to be developed and approved.

Interfaces: WA DOH

**C.3 Additional Supplemental Scope Information**

The Supplemental Information in Table C-2 below provides additional required information to be used for defining the scope of work performed under this Task Order.

**Table C-2. Supplemental Information**

Task Order Section	Supplemental Information
C.2.1	Hanford Site Water System Master Plan, HNF-5828, Revision 9, and the 2019 Infrastructure Services & Alignment Plan, HNF-44238, Revision 10, outline the overarching requirement for construction of L-897.
C.2.1	Project L-897, Central Plateau Water Treatment Facility Construction Specifications are documented in HNF-SPEC-64143
C.2.1	Project L-897, Central Plateau Water Treatment Facility Construction Drawings are documented in DCN-L897-0001
C.2.2	Hanford Site Water System Master Plan, HNF-5828, Revision 9, and the 2019 Infrastructure Services & Alignment Plan, HNF-44238, Revision 10, outline the overarching requirement for construction of L-850.
C.2.2	Project L-850, Replace 200W 1.1MG PW Tank Construction Specifications are documented in HNF-SPEC-63124
C.2.2	Project L-850, Replace 200W 1.1MG PW Tank Construction Drawings are documented in DCN-L850-0001
C.2.3	Hanford Site Water System Master Plan, HNF-5828, Revision 9, and the 2019 Infrastructure Services & Alignment Plan, HNF-44238, Revision 10, outline the overarching requirement for construction of L-839.
C.2.3	Project L-839, 12” Potable Water Loop-Line to WTP Construction Specifications are documented in HNF-SPEC-64445
C.2.3	Project L-839, 12” Potable Water Loop-Line to WTP Construction Drawings are documented in DCN-L839-0001

### **Section D - Packaging and Marking**

Section D of the HMESC contract is incorporated by reference, as applicable to this Task Order.

### **Section E - Inspection and Acceptance**

Section E of the HMESC contract is incorporated by reference, as applicable to this Task Order.

### **Section F - Deliveries or Performance**

Section F of the HMESC contract is incorporated by reference, as applicable to this Task Order, with the exception of Clause F.3 *Period of Performance* of the HMESC, which is filled in and provided below as F.3 *Period of Performance*.

#### **F.3 Period of Performance**

- (a) The Task Order period of performance shall be from January 25, 2021 through February 28, 2024.
- (b) The period of performance of this contract may be extended pursuant to unilateral options or other clauses that provide for the extension of the Contract. In the event that the Government elects to exercise its right pursuant to such options(s) or other clauses, the period of performance shall be revised to reflect such extensions.
- (c) The Contractor shall not be paid for work performed or costs incurred prior to the Task Order effective date. The Contractor is not authorized to proceed beyond the Task Order period of performance, nor will the Contractor be paid for any costs incurred beyond that period unless the Task Order is modified by the CO to extend the period of performance.

### **Section G - Contract Administration Data**

Section G of the HMESC contract is incorporated by reference, as applicable to this Task Order.

### **Section H - Special Contract Requirements**

Section H of the HMESC contract is incorporated by reference, as applicable to this Task Order.

### **Section I - Contract Clauses**

Section I of the HMESC contract is incorporated by reference, as applicable to this Task Order. The following Section I Clauses are also applicable and filled-in as follows:

**Table I-1. Section I Clause Fill-Ins**

<b>Clause No.</b>	<b>FAR/DEAR Reference</b>	<b>Title</b>	<b>Fill-In Information; See FAR 52.104(d)</b>
I.1	52.215-10	Price Reduction for Defective Certified Cost or Pricing Data (Aug 2011)	Fill-In Not Applicable
I.2	52.215-12	Subcontractor Certified Cost or Pricing Data (Jun 2020)	Fill-In Not Applicable

I.3	52.216-7 (Alt I)	Allowable Cost and Payment (Aug 2018) <i>as modified by DEAR 952.216-7</i>	(a)(3) 30th (cost invoices) and 30th (fee invoices)
I.4	52.232-27	Prompt Payment for Construction Contracts (Jan 2017)	Fill-In Not Applicable
DEAR = Department of Energy Acquisition Regulation      FAR = Federal Acquisition Regulation			

This task order incorporates one or more clauses, by reference, as indicated in the matrix above.

### Section J - List of Documents, Exhibits, and Other Attachments

Section J of the HMESC contract is incorporated by reference, as applicable to this Task Order, with the exception of the following, which are hereby incorporated in this Task Order.

#### Section J.10 – Task Order Deliverables L-897, L-850, and L-839

The following list of 17 Deliverables for L-897, L-850, and L-839 are required for this Task Order.

#### Task Order RP-002 – L-897

Deliverable Number	Deliverable	DOE		Deliverable Due Date	Task Order Section
		Action	Response Time*		
1	Subcontractor schedules and method of progress verification	Review	N/A	30 days after day 1	C.2.1
2	Monthly Progress Report	Review	N/A	2 weeks following the Monthly Financial cut off	C.2.1
3	Construction Complete Document CCD-1 signed	Review	N/A	4/20/2022	C.2.1
4	Construction Completion CCD-2 Document signed	Review	N/A	5/26/2022	C.2.1
5	Facility Acceptance-Certification of Facility Acceptance.	Review	N/A	6/20/2022	C.2.1

**Task Order RP-002 – L-897**

Deliverable Number	Deliverable	DOE		Deliverable Due Date	Task Order Section
		Action	Response Time*		
6	WDOH Project Construction Completion Report	Review	30 days	6/02/2022	C.2.1

**Task Order RP-002 – L-850**

Deliverable Number	Deliverable	DOE		Deliverable Due Date	Task Order Section
		Action	Response Time*		
1	Subcontractor schedules and method of progress verification	Review	N/A	30 days after day 1	C.2.2
2	Monthly Progress Report	Review	N/A	2 weeks following the Monthly Financial cut off	C.2.2
3	Construction Complete Document CCD-1 signed	Review	N/A	3/03/2022	C.2.2
4	Construction Completion Document CCD-2 signed	Review	N/A	2/09/2023	C.2.2
5	WDOH Project Construction Complete Reports	Review	30 days	2/09/2023	C.2.2
6	Facility Acceptance Certification of Facility Acceptance.	Review	N/A	12/30/2023	C.2.2

**Task Order RP-002 – L-839**

Deliverable Number	Deliverable	DOE		Deliverable Due Date	Task Order Section
		Action	Response Time*		
1	Subcontractor schedules and method of progress verification	Review	N/A	30 days after day 1	C.2.3
2	Monthly Progress Report	Review	N/A	2 weeks following the Monthly Financial cut off	C.2.3
3	Construction Complete Document CCD-1 signed	Review	N/A	1/25/2022	C.2.3
4	WDOH Project Construction Completion Reports	Review	30 days	4/09/2022	C.2.3
5	Facility Acceptance-Certification of Facility Acceptance.	Review	N/A	8/24/2022	C.2.3

## **Appendix A - Supplemental Information for Section C**

The document below is the Water System Master Plan, Revision 9. The Water System Master Plan provides the overarching requirement for Project L-897.

[https://hanfordsite.sharepoint.com/sites/DOE-TOIRP/Task%20Order%20Library/Documents/MSA-2001752\\_Attachment.pdf](https://hanfordsite.sharepoint.com/sites/DOE-TOIRP/Task%20Order%20Library/Documents/MSA-2001752_Attachment.pdf)

The document below is the 2019 Infrastructure & Services Alignment Plan. The plan provides the overarching requirement for Project L-897.

<https://hanfordsite.sharepoint.com/sites/DOE-TOIRP/Task%20Order%20Library/Documents/FY19%20ISAP.pdf>

The 100% construction specifications for the L-897 Central Plateau Water Treatment Facility are located at:

<https://hanfordsite.sharepoint.com/sites/DOE-PM-Legacy/L897%20200%20Area%20Water%20Treatment%20Plant/Forms/AllItems.aspx?id=%2Fsites%2FDOE%2DPM%2DLegacy%2FL897%20200%20Area%20Water%20Treatment%20Plant%2F100%25%20Design%2FConstruction%20Specification&viewid=cd5a9bac%2Dc855%2D46c9%2Daed4%2Dd56b17846a76>

The 100% construction drawings for the L-897 Central Plateau Water Treatment Facility are located at:

<https://hanfordsite.sharepoint.com/sites/DOE-PM-Legacy/L897%20200%20Area%20Water%20Treatment%20Plant/Forms/AllItems.aspx?id=%2Fsites%2FDOE%2DPM%2DLegacy%2FL897%20200%20Area%20Water%20Treatment%20Plant%2F100%25%20Design%2FDrawings&viewid=cd5a9bac%2Dc855%2D46c9%2Daed4%2Dd56b17846a76>

The document below is the Water System Master Plan, Revision 9. The Water System Master Plan provides the overarching requirement for Project L-850.

[https://hanfordsite.sharepoint.com/sites/DOE-TOIRP/Task%20Order%20Library/Documents/MSA-2001752\\_Attachment.pdf](https://hanfordsite.sharepoint.com/sites/DOE-TOIRP/Task%20Order%20Library/Documents/MSA-2001752_Attachment.pdf)

The document below is the 2019 Infrastructure & Services Alignment Plan. The plan provides the overarching requirement for Project L-850.

<https://hanfordsite.sharepoint.com/sites/DOE-TOIRP/Task%20Order%20Library/Documents/FY19%20ISAP.pdf>

The 100% construction drawing and specifications for the L-850 Replace 200W 1.1MG PW Tank are located at:

<https://hanfordsite.sharepoint.com/sites/DOE-TOIRP/Task%20Order%20Library/Documents/DCN-L850-0001.pdf>

The document below is the Water System Master Plan, Revision 9. The Water System Master Plan provides the overarching requirement for Project L-839.

[https://hanfordsite.sharepoint.com/sites/DOE-TOIRP/Task%20Order%20Library/Documents/MSA-2001752\\_Attachment.pdf](https://hanfordsite.sharepoint.com/sites/DOE-TOIRP/Task%20Order%20Library/Documents/MSA-2001752_Attachment.pdf)

The document below is the 2019 Infrastructure & Services Alignment Plan. The plan provides the overarching requirement for Project L-839.

<https://hanfordsite.sharepoint.com/sites/DOE-TOIRP/Task%20Order%20Library/Documents/FY19%20ISAP.pdf>

The 100% construction specifications for the L-839 12” Potable Water Loop-Line to WTP are located at:

<https://hanfordsite.sharepoint.com/sites/DOE-PM-Legacy/L839%2012in%20Potable%20Water%20LoopLine%20to%20WTP/Forms/AllItems.aspx?viewpath=%2Fsites%2FDOE%2DPM%2DLegacy%2FL839%2012in%20Potable%20Water%20LoopLine%20to%20WTP%2FForms%2FAllItems%2Easpx&id=%2Fsites%2FDOE%2DPM%2DLegacy%2FL839%2012in%20Potable%20Water%20LoopLine%20to%20WTP%2FHNF%2DSPEC%2D64445%20Project%20L%2D839%20Construction%20Specification%20WTP%20Water%20Loop%20Line%2Epdf&parent=%2Fsites%2FDOE%2DPM%2DLegacy%2FL839%2012in%20Potable%20Water%20LoopLine%20to%20WTP>

The 100% construction drawings for the L-839 12” Potable Water Loop-Line to WTP are located at:

<https://hanfordsite.sharepoint.com/sites/DOE-PM-Legacy/L839%2012in%20Potable%20Water%20LoopLine%20to%20WTP/Forms/AllItems.aspx?id=%2Fsites%2FDOE%2DPM%2DLegacy%2FL839%2012in%20Potable%20Water%20LoopLine%20to%20WTP%2FDCN%2DL839%2D0001%2FDCN%2DL839%2D0001%2D00%2Epdf&parent=%2Fsites%2FDOE%2DPM%2DLegacy%2FL839%2012in%20Potable%20Water%20LoopLine%20to%20WTP%2FDCN%2DL839%2D0001>

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**Appendix B – Task Order RPTO-002 Proposal Preparation Instructions –  
Cost and Fee Proposal**

**1. Instructions: Task Order RPTO-002 Cost Plus Award Fee Proposal**

The Contractor shall respond to this request for proposal within 60 days of receipt.

Solicitation provisions in L.1 of the HMESC RFP are incorporated by reference as applicable to this task, except for additional solicitation provisions identified below.

<b>FAR/DEAR Reference</b>	<b>Title</b>	<b>Fill-In Information; See FAR 52.104(d)</b>
52.215-20	Requirements for Certified Cost or Pricing Data and Other than Certified Cost or Pricing Data (Oct 2010)	Fill-In Not Applicable
DEAR = Department of Energy Acquisition Regulation FAR = Federal Acquisition Regulation		

The Contractor’s task proposal for Cost Plus Award Fee Task Orders shall include:

- (1) The proposed cost and fee amounts, if applicable, for Section B, *Supplies or Services and Prices/Costs*, Table B-1, *Task Order Cost and Fee*, as detailed by task or subtask in Table B-2, *Subtasks*.
- (2) A detailed technical approach on the PWS elements and sufficient detail to demonstrate the completeness, feasibility, and effectiveness of the Offeror’s technical approach.
- (3) All assumptions impacting the Offeror’s proposal.
- (4) Additionally, the contractor shall prepare its Task Order Proposal in accordance with the instructions in paragraphs (a) through (h):
  - (a) The contractor shall propose in accordance with FAR Table 15.2 with applicable breakdown of costs.
  - (b) The rates and pricing proposed by the contractor shall be in alignment with awarded HMESC proposal and/or current provisionally approved forward pricing rates consistent with FAR 15.
  - (c) The Offeror shall utilize the assumptions included within the RFP Appendix C and the Supplemental Information contained within this Task Order when preparing its cost estimate. Proposed costs and fee shall be on a Government fiscal year (GFY) basis from October 1 through September 30. Costs shall be proposed in FY21 dollars (October 1, 2020, through September 30, 2021).
  - (d) The Offeror shall not propose a fee percentage that exceeds the fee percentage in Section B.5(a) of this Task Order.
  - (e) Contractor shall provide a Primavera P6 (P6), “.XER” file type integrated resource-loaded schedule that identifies the time phasing of work for this Task Order. The schedule shall

include the activities necessary to achieve the Task Order at a resource level. The integrated schedule shall include all defined scope of work in this Task Order, with the consideration to the constraints identified in Appendix C – Cost Assumptions.

- (f) Proposal – The Offeror shall provide narrative support sufficient to explain the development of the costs/prices proposed for this Task Order in accordance with FAR Table 15.2, *Instructions for Submitted Cost/Price Proposal When Certified Cost or Pricing Data are Required*:

*I. General Instructions*

A. You must provide the following information on the first page of your pricing proposal:

- (1) Solicitation, contract, and/or modification number;
- (2) Name and address of offeror;
- (3) Name and telephone number of point of contact;
- (4) Name of contract administration office (if available);
- (5) Type of contract action (that is, new contract, change order, price revision/redetermination, letter contract, unpriced order, or other);
- (6) Proposed cost; profit or fee; and total;
- (7) Whether you will require the use of Government property in the performance of the contract, and, if so, what property;
- (8) Whether your organization is subject to cost accounting standards; whether your organization has submitted a CASB Disclosure Statement, and if it has been determined adequate; whether you have been notified that you are or may be in noncompliance with your Disclosure Statement or CAS (other than a noncompliance that the cognizant Federal agency official has determined to have an immaterial cost impact), and, if yes, an explanation; whether any aspect of this proposal is inconsistent with your disclosed practices or applicable CAS, and, if so, an explanation; and whether the proposal is consistent with your established estimating and accounting principles and procedures and FAR Part 31, Cost Principles, and, if not, an explanation;
- (9) The following statement: This proposal reflects our estimates and/or actual costs as of this date and conforms with the instructions in FAR 15.403-5(b)(1) and Table 15-2. By submitting this proposal, we grant the Contracting Officer and authorized representative(s) the right to examine, at

any time before award, those records, which include books, documents, accounting procedures and practices, and other data, regardless of type and form or whether such supporting information is specifically referenced or included in the proposal as the basis for pricing, that will permit an adequate evaluation of the proposed price.

- (10) Date of submission; and
  - (11) Name, title, and signature of authorized representative.
- B. In submitting your proposal, you must include an index, appropriately referenced, of all the certified cost or pricing data and information accompanying or identified in the proposal. In addition, you must annotate any future additions and/or revisions, up to the date of agreement on price, or an earlier date agreed upon by the parties, on a supplemental index.
- C. As part of the specific information required, you must submit, with your proposal—
- (1) Certified cost or pricing data (as defined at FAR 2.101). You must clearly identify on your cover sheet that certified cost or pricing data are included as part of the proposal.
  - (2) Information reasonably required to explain your estimating process, including—
    - (i) The judgmental factors applied and the mathematical or other methods used in the estimate, including those used in projecting from known data; and
    - (ii) The nature and amount of any contingencies included in the proposed price.
- D. You must show the relationship between line item prices and the total contract price. You must attach cost-element breakdowns for each proposed line item, using the appropriate format prescribed in the “Formats for Submission of Line Item Summaries” section of this table. You must furnish supporting breakdowns for each cost element, consistent with your cost accounting system.
- E. When more than one line item is proposed, you must also provide summary total amounts covering all line items for each element of cost.
- F. Whenever you have incurred costs for work performed before submission of a proposal, you must identify those costs in your cost/price proposal.

- G. If you have reached an agreement with Government representatives on use of forward pricing rates/factors, identify the agreement, include a copy, and describe its nature.
- H. As soon as practicable after final agreement on price or an earlier date agreed to by the parties, but before the award resulting from the proposal, you must, under the conditions stated in FAR 15.406-2, submit a Certificate of Current Cost or Pricing Data.

## *II. Cost Elements*

Depending on your system, you must provide breakdowns for the following basic cost elements, as applicable:

- A. *Materials and services.* Provide a consolidated priced summary of individual material quantities included in the various tasks, orders, or line items being proposed and the basis for pricing (vendor quotes, invoice prices, etc.). Include raw materials, parts, components, assemblies, and services to be produced or performed by others. For all items proposed, identify the item and show the source, quantity, and price. Conduct price analyses of all subcontractor proposals. Conduct cost analyses for all subcontracts when certified cost or pricing data are submitted by the subcontractor. Include these analyses as part of your own certified cost or pricing data submissions for subcontracts expected to exceed the appropriate threshold in FAR 15.403-4. Submit the subcontractor certified cost or pricing data and data other than certified cost or pricing data as part of your own certified cost or pricing data as required in paragraph IIA(2) of this table. These requirements also apply to all subcontractors if required to submit certified cost or pricing data.
  - (1) *Adequate Price Competition.* Provide data showing the degree of competition and the basis for establishing the source and reasonableness of price for those acquisitions (such as subcontracts, purchase orders, material order, etc.) exceeding, or expected to exceed, the appropriate threshold set forth at FAR 15.403-4 priced on the basis of adequate price competition. For interorganizational transfers priced at other than the cost of comparable competitive commercial work of the division, subsidiary, or affiliate of the contractor, explain the pricing method (see FAR 31.205-26(e)).
  - (2) *All Other.* Obtain certified cost or pricing data from prospective sources for those acquisitions (such as subcontracts, purchase orders, material order, etc.) exceeding the threshold set forth in FAR 15.403-4 and not otherwise exempt, in accordance with FAR 15.403-1(b) (*i.e.*, adequate price competition, commercial items, prices set by law or regulation or waiver). Also provide data showing the basis for establishing source and reasonableness of price. In addition, provide a summary of your cost analysis and a copy of certified cost or pricing data submitted by the

prospective source in support of each subcontract, or purchase order that is the lower of either \$13.5 million or more, or both more than the pertinent certified cost or pricing data threshold and more than 10 percent of the prime contractor's proposed price. Also submit any information reasonably required to explain your estimating process (including the judgmental factors applied and the mathematical or other methods used in the estimate, including those used in projecting from known data, and the nature and amount of any contingencies included in the price). The Contracting Officer may require you to submit cost or pricing data in support of proposals in lower amounts. Subcontractor certified cost or pricing data must be accurate, complete and current as of the date of final price agreement, or an earlier date agreed upon by the parties, given on the prime contractor's Certificate of Current Cost or Pricing Data. The prime contractor is responsible for updating a prospective subcontractor's data. For standard commercial items fabricated by the offeror that are generally stocked in inventory, provide a separate cost breakdown, if priced based on cost. For interorganizational transfers priced at cost, provide a separate breakdown of cost elements. Analyze the certified cost or pricing data and submit the results of your analysis of the prospective source's proposal. When submission of a prospective source's certified cost or pricing data is required as described in this paragraph, it must be included as part of your own certified cost or pricing data. You must also submit any data other than certified cost or pricing data obtained from a subcontractor, either actually or by specific identification, along with the results of any analysis performed on that data.

- B. *Direct Labor*. Provide a time-phased (e.g., monthly, quarterly, etc.) breakdown of labor hours, rates, and cost by appropriate category, and furnish bases for estimates.
- C. *Indirect Costs*. Indicate how you have computed and applied your indirect costs, including cost breakdowns. Show trends and budgetary data to provide a basis for evaluating the reasonableness of proposed rates. Indicate the rates used and provide an appropriate explanation.
- D. *Other Costs*. List all other costs not otherwise included in the categories described above (e.g., special tooling, travel, computer and consultant services, preservation, packaging and packing, spoilage and rework, and Federal excise tax on finished articles) and provide bases for pricing.
- E. *Royalties*. If royalties exceed \$1,500, you must provide the following information on a separate page for each separate royalty or license fee:
  - (1) Name and address of licensor.
  - (2) Date of license agreement.

- (3) Patent numbers.
  - (4) Patent application serial numbers, or other basis on which the royalty is payable.
  - (5) Brief description (including any part or model numbers of each contract item or component on which the royalty is payable).
  - (6) Percentage or dollar rate of royalty per unit.
  - (7) Unit price of contract item.
  - (8) Number of units.
  - (9) Total dollar amount of royalties.
  - (10) If specifically requested by the Contracting Officer, a copy of the current license agreement and identification of applicable claims of specific patents (see FAR 27.202 and 31.205-37).
- (g) DOE or its cognizant audit entity may request additional supporting information for purposes of clarification.
- (h) The Offeror shall not propose cost for Government-Furnished Property for use during the performance of this Contract.

## **2. Evaluation Factors for Award**

The Government intends to issue a task order that meets the task order requirements at a fair and reasonable price. There are no options to be evaluated for this task order.

### Appendix C – Cost Assumptions

<b>Task Section</b>	<b>Assumptions</b>
General Assumption	Program Management specific support is included in CLIN 4 and is excluded for this Task Order
C.2.1	The design is 100% complete, and the construction subcontract has been awarded.
C.2.2	The design is 100% complete, and the construction subcontract has been awarded.
C.2.3	The design is 100% complete.
C.2.3	No decommissioning activities are anticipated to be part of L-839.

**Attachment J.15**  
**CLIN 0007 – RPTO-005**  
**Request for Proposal**

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## Section B - Supplies or Services and Prices/Costs

This Task Order work shall be performed under Contract Line Item Number (CLIN) 0007 of the Hanford Mission Essential Services Contract (HMESC). Section B of the HMESC is incorporated by reference, as applicable, and is revised for purposes of this Task Order with the information below specifically identified for this Task Order.

### B.1 DOE-B-2012 Supplies/Services Being Procured/Delivery Requirements (Oct 2014)

The Contractor shall furnish all personnel, facilities, equipment, material, supplies, and services (except as may be expressly set forth in this Task Order as furnished by the Government) and otherwise do all things necessary for, or incident to, the performance of work as described in Section C, *Performance Work Statement (PWS)*, under this Task Order.

### B.2 Type of Contract

This is a Firm-Fixed Price Task Order for services to directly support the environmental clean-up mission at the U.S. Department of Energy (DOE) Hanford Site and provides for a price that is not subject to any adjustment on the basis of the contractor's cost experience in performing the contract. It provides maximum incentive for the contractor to control costs and perform effectively and imposes a minimum administrative burden upon the contracting parties.

**Table B-1. Task Order Price**

<b>Task Order Price</b>	[\$proposed]
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**Table B-2. Subtask Order Structure**

Subtask	Subtask Title	Total Price
C.2.1	L-883, Chip Seal Route 10, SR-240 to WYE Barricade	[\$proposed]
C.2.2	L-534, Inlay Interior 200 East (200E) Roads	[\$proposed]
C.2.3	L-934, Office Space Gap Reduction - 200E	[\$proposed]
C.2.4	L-603, Chip Seal Route 3, Rt. 11A to Rt. 4S	[\$proposed]
C.2.5	L-789, Distribution System Refurbishments	[\$proposed]
<b>Task Total</b>		<b>[\$proposed]</b>

- (a) For FFP task orders, the Government shall pay the Contractor the contract price as provided in this contract *and make progress payments at intervals determined by the contracting*

*officer*, with final payment subject to completion and acceptance all work, presentation of a properly executed voucher, and release of claims against the Government.

- (b) The estimated cost or price will be established in each individual task order. The Contractor may propose the fee amount it determines appropriate for the individual task order, provided the fee/profit amount, as a percentage of the estimated cost of each proposed year, does not exceed the fee percentage ceiling as specified in the Section B clause, *DOE-B-2015 Task Order Fee Ceiling (Oct 2014) (Revised)*.

### **B.3 DOE-B-2013 Obligation of Funds (Oct 2014)**

The applicable information in B.3 of the HMESC is incorporated by reference. See J.15 of the HMESC for funding by task order.

### **B.4 Reserved**

### **B.5 DOE-B-2015 Task Order Fee Ceiling (Oct 2014) (Revised)**

- (a) The fee amount, specified as a percentage, shall not exceed a maximum of eight (8) percent for CR task orders and shall serve as the fee ceiling for CR task orders issued under the Contract.
- (b) The profit amount, specified as a percentage, shall not exceed a maximum of eight (8) percent for firm-fixed-price and time-and-material task orders issued under this Contract.
- (c) The fee amount for each task order will be negotiated and established in each individual task order based on risk and complexity. For CPAF task orders, the fee ceiling percentage applies to the total of the amount proposed for award fee.
- (d) The fee ceiling percentage shall at no time exceed any statutory limitations imposed by 41 USC §3905, and FAR 15.404-4(c)(4)(i).

## **Section C - Performance Work Statement**

### **C.1 Task Order Purpose and Overview**

This task order is comprised of five projects including the following:

- L-883, Chip Seal Route 10, SR-240 to WYE Barricade;
- L-534, Inlay Interior 200E Roads;
- L-934, Office Space Gap Reduction - 200E;
- L-603, Chip Seal Route 3, Rt. 11A to Rt. 4S; and
- L-789, Distribution System Refurbishments.

### **C.2 Scope of Work**

#### **General Requirements**

The desired outcome is to deliver road project upgrades and other miscellaneous projects in accordance with customer requirements, in a timely and cost-effective manner.

**Key Customers**

-DOE

-Other Hanford Contractors

**Boundaries, Constraints, and Interfaces**

There are no Boundaries, Constraints, or Interfaces applicable to the projects in this task order.

**Table C-1. Listing of Task-Specific Scope**

Task: # RPTO-005			
Subtask	Subtask Title	Task Section	CWBS Reference*
1	L-883, Chip Seal Route 10, SR-240 to WYE Barricade	C.2.1	
2	L-534, Inlay Interior 200E Roads	C.2.2	
3	L-934, Office Space Gap Reduction - 200E	C.2.3	
4	L-603, Chip Seal Route 3, Rt. 11A to Rt. 4S	C.2.4	
5	L-789, Distribution System Refurbishments	C.2.5	
* The CWBS References for the Task will be referenced by the Contractor as part of its proposal. CWBS = Contract Work Breakdown Structure			

**C.2.1 - L-883, Chip Seal Route 10, SR-240 to WYE Barricade**

The contractor shall:

- Chip seal Route 10 from State Route 240 to the WYE Barricade.
  - Distance of 7.03 miles with a road width of 40 feet.
  - The pavement surface area is approximately 165,000 square yards.
- Prepare the surface, patch the potholes and edges as needed, and clean surfaces to allow a good adhesion of the chip seal, by removing all loose gravel and debris.

- Mark pavement surface as pre-chip seal, to allow the striping of traffic lanes post chip seal.
- Provide traffic control when construction activities limit traffic to one-lane roads.

### **C.2.2 - L-534, Inlay Interior 200E Roads**

The contractor shall:

- Rehabilitate identified roads within the 200E Area, with a total surface area of 72,470 yards.
- Perform asphalt overlay at the following locations:
  - 4th Street, Route 4S to Canton Avenue: Length – 10,870 feet, Width – 32 feet
  - 12th Street, Akron Avenue to Canton Avenue: Length - 9,570 feet, Width – 23 feet
  - Baltimore Avenue 4th Street to 7th Street: Length – 2,200 feet, Width – 22 feet
  - Baltimore Avenue, Atlanta Avenue to B Farm: Length – 1,120 feet, Width – 32 feet
- Refurbish roads by patching potholes and pavement edge breakups, applying 2-inch hot mixed asphalt over a geotextile fabric and painting lane, shoulder, and stopping areas.
- Build up the 2 foot to 4 foot wide road shoulders with new crushed gravel to match finished asphalt grade.
- Provide traffic control when construction activities limit traffic to one-lane roads.

### **C.2.3 - L-934, Office Space Gap Reduction - 200E**

The contractor shall:

- Acquire two 10 wide mobile office trailers, each approximately 7,200 square feet.
- Install the trailers in the vicinity of 4<sup>th</sup> and Baltimore Avenue.
- Install associated electrical, potable water, sewer, and Hanford Local Area Network utilities services and associated employee parking with the trailers.

### **C.2.4 - L-603 – Chip Seal Route 3, Rt. 11A to Rt. 4S**

The contractor shall:

- Chip seal Route 3 from Route 11A to Route 4S.

- This roadway is approximately 4.1 miles long, extending south from Route 11A to the 20th Street/ERDF Avenue and continuing eastbound to Route 4S.
- The pavement width varies from 28-30 feet wide with 2-foot gravel shoulders on each outside edge. The total pavement surface area is approximately 70,000 square yards.
- Perform surface preparation, crack seal, patching of potholes and edges as needed, and clean surfaces to allow a good adhesion of the chip seal by removing all loose gravel and debris.
- Mark the pavement surface as pre-chip seal to allow the striping of traffic lanes post chip seal.
- Ensure traffic control is provided to route traffic around the active work zone using one-lane closure.

**C.2.5 - L-789 - Distribution System Refurbishments**

The contractor shall:

- Replace/reconfigure power lines sufficient to provide long-term reliable electrical power service through a projected closure date approaching Fiscal Year 2060, consistent with the preservation and restoration of the system’s original design integrity.
- Ensure the transmission and distribution system is in a physically sound condition and correctly configured to continue providing safe and reliable electrical power to the site.

**C.3 Additional Supplemental Scope Information**

The Supplemental Information in Table C-2 below provides additional required information to be used for defining the scope of work performed under this Task Order.

**Table C-2. Supplemental Information**

Task Order Section	Supplemental Information
C.2.1	<ul style="list-style-type: none"> <li>● Specifications: DCN-L-883-0001, which contains HNF-SPEC-64521</li> <li>● Drawings: ECR-19-000163-00.</li> <li>● FINAL Approved 3/25/2019, which contains H-6-18206 Sheets 1-9</li> </ul>
C.2.2	<ul style="list-style-type: none"> <li>● Specifications: DCN-L-534-0001, which contains HNF-SPEC-64520</li> <li>● Drawings: ECR-19-00398-00.</li> <li>● FINAL Approved 4/22/2019, which contains H-2-837668 Sheets 1-4, 7</li> </ul>
C.2.3	Hanford Facilities Master Plan 2017
C.2.4	Project Scope Document, Engineering Package and Drawing Packages

**Table C-2. Supplemental Information**

<b>Task Order Section</b>	<b>Supplemental Information</b>
C.2.5	L-789 Project Scoping Document – Distribution System Refurbishments

### **Section D - Packaging and Marking**

Section D of the HMESC contract is incorporated by reference, as applicable to this Task Order.

### **Section E - Inspection and Acceptance**

Section E of the HMESC contract is incorporated by reference, as applicable to this Task Order, except for E.1 below, which is also applicable.

#### **E.1 FAR 52.246-12 Inspection of Construction (AUG 1996)**

- (a) Definition. *Work* includes, but is not limited to, materials, workmanship, and manufacture and fabrication of components.
- (b) The Contractor shall maintain an adequate inspection system and perform such inspections as will ensure that the work performed under the contract conforms to contract requirements. The Contractor shall maintain complete inspection records and make them available to the Government. All work shall be conducted under the general direction of the Contracting Officer and is subject to Government inspection and test at all places and at all reasonable times before acceptance to ensure strict compliance with the terms of the contract.
- (c) Government inspections and tests are for the sole benefit of the Government and do not –
  - (1) Relieve the Contractor of responsibility for providing adequate quality control measures;
  - (2) Relieve the Contractor of responsibility for damage to or loss of the material before acceptance;
  - (3) Constitute or imply acceptance; or
  - (4) Affect the continuing rights of the Government after acceptance of the completed work under paragraph (i) below.
- (d) The presence or absence of a Government inspector does not relieve the Contractor from any contract requirement, nor is the inspector authorized to change any term or condition of the specification without the Contracting Officer's written authorization.
- (e) The Contractor shall promptly furnish, at no increase in contract price, all facilities, labor, and material reasonably needed for performing such safe and convenient inspections and tests as may be required by the Contracting Officer. The Government may charge to the

Contractor any additional cost of inspection or test when work is not ready at the time specified by the Contractor for inspection or test, or when prior rejection makes reinspection or retest necessary. The Government shall perform all inspections and tests in a manner that will not unnecessarily delay the work. Special, full size, and performance tests shall be performed as described in the contract.

- (f) The Contractor shall, without charge, replace or correct work found by the Government not to conform to contract requirements, unless in the public interest the Government consents to accept the work with an appropriate adjustment in contract price. The Contractor shall promptly segregate and remove rejected material from the premises.
- (g) If the Contractor does not promptly replace or correct rejected work, the Government may –
  - (1) By contract or otherwise, replace or correct the work and charge the cost to the Contractor; or
  - (2) Terminate for default the Contractor's right to proceed.
- (h) If, before acceptance of the entire work, the Government decides to examine already completed work by removing it or tearing it out, the Contractor, on request, shall promptly furnish all necessary facilities, labor, and material. If the work is found to be defective or nonconforming in any material respect due to the fault of the Contractor or its subcontractors, the Contractor shall defray the expenses of the examination and of satisfactory reconstruction. However, if the work is found to meet contract requirements, the Contracting Officer shall make an equitable adjustment for the additional services involved in the examination and reconstruction, including, if completion of the work was thereby delayed, an extension of time.
- (i) Unless otherwise specified in the contract, the Government shall accept, as promptly as practicable after completion and inspection, all work required by the contract or that portion of the work the Contracting Officer determines can be accepted separately. Acceptance shall be final and conclusive except for latent defects, fraud, gross mistakes amounting to fraud, or the Government's rights under any warranty or guarantee.

## **Section F - Deliveries or Performance**

Section F of the HMESC contract is incorporated by reference, as applicable to this Task Order, with the exception of the clauses below which are filled in or identified as also applicable.

### **F.3 Period of Performance**

- (a) The Task Order period of performance shall be from January 25, 2021 through December 31, 2021.
- (b) The period of performance of this Task Order may be extended pursuant to unilateral options or other clauses that provide for the extension of the Contract. In the event that the

Government elects to exercise its right pursuant to such options(s) or other clauses, the period of performance shall be revised to reflect such extensions.

- (c) The Contractor shall not be paid for work performed or costs incurred prior to the Task Order effective date. The Contractor is not authorized to proceed beyond the Task Order period of performance, nor will the Contractor be paid for any costs incurred beyond that period unless the Task Order is modified by the CO to extend the period of performance.

#### **F.4 FAR 52.236-15 Schedules for Construction Contract (APR 1984)**

- (a) The Contractor shall, within five days after the work commences on the contract or another period of time determined by the Contracting Officer, prepare and submit to the Contracting Officer for approval three copies of a practicable schedule showing the order in which the Contractor proposes to perform the work, and the dates on which the Contractor contemplates starting and completing the several salient features of the work (including acquiring materials, plant, and equipment). The schedule shall be in the form of a progress chart of suitable scale to indicate appropriately the percentage of work scheduled for completion by any given date during the period. If the Contractor fails to submit a schedule within the time prescribed, the Contracting Officer may withhold approval of progress payments until the Contractor submits the required schedule.
- (b) The Contractor shall enter the actual progress on the chart as directed by the Contracting Officer, and upon doing so shall immediately deliver three copies of the annotated schedule to the Contracting Officer. If, in the opinion of the Contracting Officer, the Contractor falls behind the approved schedule, the Contractor shall take steps necessary to improve its progress, including those that may be required by the Contracting Officer, without additional cost to the Government. In this circumstance, the Contracting Officer may require the Contractor to increase the number of shifts, overtime operations, days of work, and/or the amount of construction plant, and to submit for approval any supplementary schedule or schedules in chart form as the Contracting Officer deems necessary to demonstrate how the approved rate of progress will be regained.
- (c) Failure of the Contractor to comply with the requirements of the Contracting Officer under this clause shall be grounds for a determination by the Contracting Officer that the Contractor is not prosecuting the work with sufficient diligence to ensure completion within the time specified in the contract. Upon making this determination, the Contracting Officer may terminate the Contractor's right to proceed with the work, or any separable part of it, in accordance with the default terms of this contract.

#### **F.5 FAR 52.242-14 Suspension of Work (APR 1984)**

- (a) The Contracting Officer may order the Contractor, in writing, to suspend, delay, or interrupt all or any part of the work of this contract for the period of time that the Contracting Officer determines appropriate for the convenience of the Government.
- (b) If the performance of all or any part of the work is, for an unreasonable period of time, suspended, delayed, or interrupted (1) by an act of the Contracting Officer in the

administration of this contract, or (2) by the Contracting Officer's failure to act within the time specified in this contract (or within a reasonable time if not specified), an adjustment shall be made for any increase in the cost of performance of this contract (excluding profit) necessarily caused by the unreasonable suspension, delay, or interruption, and the contract modified in writing accordingly. However, no adjustment shall be made under this clause for any suspension, delay, or interruption to the extent that performance would have been so suspended, delayed, or interrupted by any other cause, including the fault or negligence of the Contractor, or for which an equitable adjustment is provided for or excluded under any other term or condition of this contract.

(c) A claim under this clause shall not be allowed –

- (1) For any costs incurred more than 20 days before the Contractor shall have notified the Contracting Officer in writing of the act or failure to act involved (but this requirement shall not apply as to a claim resulting from a suspension order); and
- (2) Unless the claim, in an amount stated, is asserted in writing as soon as practicable after the termination of the suspension, delay, or interruption, but not later than the date of final payment under the contract.

### **Section G - Contract Administration Data**

Section G of the HMESC contract is incorporated by reference, as applicable to this Task Order.

In accordance with I.5, the Progress Payments shall be submitted on Standard Form 1443, Contractor's Request for Progress Payment, or the electronic equivalent as required by agency regulations, in accordance with the form instructions and the contract terms. The Progress payment shall include any additional supporting documentation requested by the Contracting Officer.

### **Section H - Special Contract Requirements**

Section H of the HMESC contract is incorporated by reference, as applicable to this Task Order.

### **Section I - Contract Clauses**

Section I of the HMESC contract is incorporated by reference, as applicable to this Task Order. The following Section I Clauses are also applicable and filled in as follows:

**Table I-1. Section I Clause Fill-Ins**

<b>Clause No.</b>	<b>FAR/DEAR Reference</b>	<b>Title</b>	<b>Fill-In Information; See FAR 52.104(d)</b>
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I.1	52.215-10	Price Reduction for Defective Certified Cost or Pricing Data (Aug 2011)	Fill-In Not Applicable
I.2	52.215-12	Subcontractor Certified Cost or Pricing Data (Jun 2020)	Fill-In Not Applicable
I.3	52.229-4	Federal, State, and Local Taxes (Stand Local Adjustments Feb 2013)	Fill-In Not Applicable
I.4	52.232-5	Payments under Fixed Price Construction Contracts (May 2014)	Fill-In Not Applicable
I.5	52.232-16	Progress Payments (June 2020)	1) 30 <sup>th</sup> day
I.6	52.232-27	Prompt Payment for Construction Contracts (Jan 2017)	Fill-In Not Applicable
I.7	52.233-3	Protest After Award (Aug 1996)	Fill-In Not Applicable
I.8	52.236-1	Performance of Work by the Contractor (Apr 1984)	Twelve (12)
I.9	52.236-2	Differing Site Conditions (Apr 1984)	Fill-In Not Applicable
I.10	52.236-3	Site Investigation and Conditions Affecting the Work (Apr 1984)	Fill-In Not Applicable
I.11	52.236-6	Superintendence by the Contractor (Apr 1984)	Fill-In Not Applicable
I.12	52.236-8	Other Contracts (Apr 1984)	Fill-In Not Applicable
I.13	52.236-9	Protection of Existing Vegetation, Structures, Equipment, Utilities, and Improvements (Apr 1984)	Fill-In Not Applicable
I.14	52.236-10	Operations and Storage Areas (Apr 1984)	Fill-In Not Applicable
I.15	52.236-11	Use and Possession Prior to Completion (Apr 1984)	Fill-In Not Applicable

I.16	52.236-12	Cleaning Up (Apr 1984)	Fill-In Not Applicable
I.17	52.236-13	Accident Prevention (Nov 1991)	Fill-In Not Applicable
I.18	52.236-17	Layout of Work (Apr 1984)	Fill-In Not Applicable
I.19	52.236-21	Specification and Drawings for Construction (Feb 1997)- Alt I	Fill-In Not Applicable
I.20	52.243-4	Changes (June 2007)	Fill-In Not Applicable
I.21	52.246-26	Reporting Nonconforming Items (June 2020)	Fill-In Not Applicable
I.22	52.249-10	Default (Fixed Price Construction) (Apr 1984) - Alt II & Alt III	Fill-In Not Applicable
DEAR = Department of Energy Acquisition Regulation      FAR = Federal Acquisition Regulation			

This task order incorporates one or more clauses, by reference, as indicated in the matrix above.

### Section J - List of Documents, Exhibits, and Other Attachments

Section J of the HMESC contract is incorporated by reference, as applicable to this Task Order, with the exception of the following, which are hereby incorporated in this Task Order.

#### J.10 Task Order Deliverables

The following list of 7 Deliverables are required for this Task Order.

#### Task Order RPTO-005

Deliverable Number	Deliverable	DOE		Deliverable Due Date	Task Order Section
		Action	Response Time*		
1	L-883, Chip Seal Route 10, SR-240 to WYE Barricade Construction Completion	Review	N/A	180 days from construction installation	C.2.1

**Task Order RPTO-005**

Deliverable Number	Deliverable	DOE		Deliverable Due Date	Task Order Section
		Action	Response Time*		
2	L-534 Inlay Interior 200 East Roads	Review	N/A	180 days from construction installation	C.2.2
3	L-934, Office Space Gap Reduction - 200E Construction Completion	Review	N/A	5/6/2021	C.2.3
4	Bi-Weekly Progress Report	Review	N/A	2 weeks	C.2.1, C.2.2, C.2.3, C.2.4, C.2.5
5	Monthly Progress Report	Review	N/A	2 weeks following the Monthly Financial cut off	C.2.1, C.2.2, C.2.3, C.2.4, C.2.5
6	L-603 – Chip Seal Route 3, Rt. 11A to Rt. 4S	Review	N/A	180 days from construction start	C.2.4
7	L-789 - Distribution System Refurbishments	Review	N/A	9/30/2021	C.2.5

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## Appendix A - Supplemental Information for Section C

- L-883

<https://hanfordsite.sharepoint.com/sites/DOE-TOIRP/Task%20Order%20Library/Forms/AllItems.aspx?id=%2Fsites%2FDOE%2DTOIRP%2FTask%20Order%20Library%2FDocuments%2FL%2D883&viewid=9c2ed6ed%2D55a6%2D4c26%2D8c19%2De7d06bc55545>

- L-534

<https://hanfordsite.sharepoint.com/sites/DOE-TOIRP/Task%20Order%20Library/Forms/AllItems.aspx?id=%2Fsites%2FDOE%2DTOIRP%2FTask%20Order%20Library%2FDocuments%2FL%2D534&viewid=9c2ed6ed%2D55a6%2D4c26%2D8c19%2De7d06bc55545>

- L-934

<https://hanfordsite.sharepoint.com/sites/DOE-TOIRP/Task%20Order%20Library/Forms/AllItems.aspx?id=%2Fsites%2FDOE%2DTOIRP%2FTask%20Order%20Library%2FDocuments%2FL%2D907%2FHN%2D61280%2DVOL1%2F5%2D%2F5FRev%2F5F00%2Epdf&parent=%2Fsites%2FDOE%2DTOIRP%2FTask%20Order%20Library%2FDocuments%2FL%2D907>

<https://hanfordsite.sharepoint.com/sites/DOE-TOIRP/Task%20Order%20Library/Forms/AllItems.aspx?id=%2Fsites%2FDOE%2DTOIRP%2FTask%20Order%20Library%2FDocuments%2FL%2D907%2FHN%2D61280%2DVOL2%2F5%2D%2F5FRev%2F5F00%2Epdf&parent=%2Fsites%2FDOE%2DTOIRP%2FTask%20Order%20Library%2FDocuments%2FL%2D907>

- L-603

<https://hanfordsite.sharepoint.com/sites/MSA-PPI/pm/L603%20Chip%20Seal%20Route%203%20Rt%2011A%20to%20Rt%204S/Forms/AllItems.aspx?viewpath=%2Fsites%2FMSA%2DPPI%2Fpm%2FL603%20Chip%20Seal%20Route%203%20Rt%2011A%20to%20Rt%204S%2FForms%2FAllItems%2Easpx&id=%2Fsites%2FMSA%2DPPI%2Fpm%2FL603%20Chip%20Seal%20Route%203%20Rt%2011A%20to%20Rt%204S%2FL%2D603%20Scope%20Document%20Rev%2E%202%2Epdf&parent=%2Fsites%2FMSA%2DPPI%2Fpm%2FL603%20Chip%20Seal%20Route%203%20Rt%2011A%20to%20Rt%204S>

<https://hanfordsite.sharepoint.com/:f:/r/sites/DOE-TOIRP/Task%20Order%20Library/Documents/L-603?csf=1&web=1&e=lojxxv>

- L-789

<https://hanfordsite.sharepoint.com/sites/MSA-PPI/pm/L789%20Priority%20TD%20System%20Wood%20Power%20Pole%20Test%20%20Repl/Forms/AllItems.aspx?viewpath=%2Fsites%2FMSA%2DPPI%2Fpm%2FL789%20Priority%20TD%20System%20Wood%20Power%20Pole%20>

[Test%20%20Repl%2FForms%2FAllItems%2Easpx&id=%2Fsites%2FMISA%2DPPI%2Fpm%2FL789%20Priority%20TD%20System%20Wood%20Power%20Pole%20Test%20%20Repl%2FL%2D789%20Scope%20Document%20Rev%2E%204%2Epdf&parent=%2Fsites%2FMISA%2DPPI%2Fpm%2FL789%20Priority%20TD%20System%20Wood%20Power%20Pole%20Test%20%20Repl](#)

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**Appendix B – Task Order RPTO-005 Proposal Preparation Instructions –  
Firm-Fixed Price Proposal**

**1. Instructions: Task Order RPTO-005 Firm-Fixed Price Proposal**

The Contractor shall respond to this request for proposal (RFP) within 60 days of receipt.

Solicitation provisions in L.1 of the HMESC RFP are incorporated by reference as applicable to this task, except for additional solicitation provisions identified below.

<b>FAR/DEAR Reference</b>	<b>Title</b>	<b>Fill-In Information; See FAR 52.104(d)</b>
52.215-20	Requirements for Certified Cost or Pricing Data and Other than Certified Cost or Pricing Data (Oct 2010)	Fill-In Not Applicable
DEAR = Department of Energy Acquisition Regulation		FAR = Federal Acquisition Regulation

The Contractor’s task proposal for Firm-Fixed-Price Task Orders shall include:

- (1) Date of commencement of work and any necessary revision to the schedule of performance stipulated by the Government.
- (2) A total firm-fixed price for the completion of the work described in the PWS of the task order by the schedule of performance stipulated by the Government. The firm-fixed price proposed by the Contractor shall incorporate all anticipated costs including fully-burdened labor, travel, and other direct costs.
- (3) A detailed technical approach on the PWS elements and sufficient detail to demonstrate the completeness, feasibility, and effectiveness of the Offeror’s technical approach.
- (4) All assumptions impacting the Offeror’s proposal.
- (5) Additionally, the contractor shall prepare its Task Order Proposal in accordance with the instructions in paragraphs (a) through (h):
  - (a) The contractor shall propose in accordance with FAR Table 15.2 with applicable breakdown of costs.
  - (b) The rates and pricing proposed by the contractor shall be in alignment with awarded HMESC proposal and/or current provisionally approved forward pricing rates consistent with FAR 15.
  - (c) The Offeror shall utilize the assumptions included within the RFP in Appendix C and the Supplemental Information contained within this Task Order when preparing its cost estimate. Proposed costs and fee shall be on a Government fiscal year (GFY) basis from October 1 through September 30. Costs shall be proposed in FY21 dollars (October 1, 2020, through September 30, 2021).

- (d) The Offeror shall not propose a fee percentage that exceeds the fee percentage in Section B.5(b) of this Task Order.
- (e) Contractor shall provide a Primavera P6 (P6), “.XER” file type integrated resource-loaded schedule that identifies the time phasing of work for this Task Order. The schedule shall include the activities necessary to achieve the Task Order at a resource level. The integrated schedule shall include all defined scope of work in this Task Order, with the consideration to the constraints identified in Appendix C – Cost Assumptions.
- (f) Proposal – The Offeror shall provide narrative support sufficient to explain the development of the costs/prices proposed for this Task Order in accordance with FAR Table 15.2, *Instructions for Submitted Cost/Price Proposal When Certified Cost or Pricing Data are Required*:

*I. General Instructions*

- A. You must provide the following information on the first page of your pricing proposal:
  - (1) Solicitation, contract, and/or modification number;
  - (2) Name and address of offeror;
  - (3) Name and telephone number of point of contact;
  - (4) Name of contract administration office (if available);
  - (5) Type of contract action (that is, new contract, change order, price revision/redetermination, letter contract, unpriced order, or other);
  - (6) Proposed cost; profit or fee; and total;
  - (7) Whether you will require the use of Government property in the performance of the contract, and, if so, what property;
  - (8) Whether your organization is subject to cost accounting standards; whether your organization has submitted a CASB Disclosure Statement, and if it has been determined adequate; whether you have been notified that you are or may be in noncompliance with your Disclosure Statement or CAS (other than a noncompliance that the cognizant Federal agency official has determined to have an immaterial cost impact), and, if yes, an explanation; whether any aspect of this proposal is inconsistent with your disclosed practices or applicable CAS, and, if so, an explanation; and whether the proposal is consistent with your established estimating and accounting principles and procedures and FAR Part 31, Cost Principles, and, if not, an explanation;

- (9) The following statement: This proposal reflects our estimates and/or actual costs as of this date and conforms with the instructions in FAR 15.403-5(b)(1) and Table 15-2. By submitting this proposal, we grant the Contracting Officer and authorized representative(s) the right to examine, at any time before award, those records, which include books, documents, accounting procedures and practices, and other data, regardless of type and form or whether such supporting information is specifically referenced or included in the proposal as the basis for pricing, that will permit an adequate evaluation of the proposed price.
  - (10) Date of submission; and
  - (11) Name, title, and signature of authorized representative.
- B. In submitting your proposal, you must include an index, appropriately referenced, of all the certified cost or pricing data and information accompanying or identified in the proposal. In addition, you must annotate any future additions and/or revisions, up to the date of agreement on price, or an earlier date agreed upon by the parties, on a supplemental index.
- C. As part of the specific information required, you must submit, with your proposal—
- (1) Certified cost or pricing data (as defined at FAR 2.101). You must clearly identify on your cover sheet that certified cost or pricing data are included as part of the proposal.
  - (2) Information reasonably required to explain your estimating process, including—
    - (i) The judgmental factors applied and the mathematical or other methods used in the estimate, including those used in projecting from known data; and
    - (ii) The nature and amount of any contingencies included in the proposed price.
- D. You must show the relationship between line item prices and the total contract price. You must attach cost-element breakdowns for each proposed line item, using the appropriate format prescribed in the “Formats for Submission of Line Item Summaries” section of this table. You must furnish supporting breakdowns for each cost element, consistent with your cost accounting system.
- E. When more than one line item is proposed, you must also provide summary total amounts covering all line items for each element of cost.

- F. Whenever you have incurred costs for work performed before submission of a proposal, you must identify those costs in your cost/price proposal.
- G. If you have reached an agreement with Government representatives on use of forward pricing rates/factors, identify the agreement, include a copy, and describe its nature.
- H. As soon as practicable after final agreement on price or an earlier date agreed to by the parties, but before the award resulting from the proposal, you must, under the conditions stated in FAR 15.406-2, submit a Certificate of Current Cost or Pricing Data.

## *II. Cost Elements*

Depending on your system, you must provide breakdowns for the following basic cost elements, as applicable:

- A. *Materials and services.* Provide a consolidated priced summary of individual material quantities included in the various tasks, orders, or line items being proposed and the basis for pricing (vendor quotes, invoice prices, etc.). Include raw materials, parts, components, assemblies, and services to be produced or performed by others. For all items proposed, identify the item and show the source, quantity, and price. Conduct price analyses of all subcontractor proposals. Conduct cost analyses for all subcontracts when certified cost or pricing data are submitted by the subcontractor. Include these analyses as part of your own certified cost or pricing data submissions for subcontracts expected to exceed the appropriate threshold in FAR 15.403-4. Submit the subcontractor certified cost or pricing data and data other than certified cost or pricing data as part of your own certified cost or pricing data as required in paragraph IIA(2) of this table. These requirements also apply to all subcontractors if required to submit certified cost or pricing data.
  - (1) *Adequate Price Competition.* Provide data showing the degree of competition and the basis for establishing the source and reasonableness of price for those acquisitions (such as subcontracts, purchase orders, material order, etc.) exceeding, or expected to exceed, the appropriate threshold set forth at FAR 15.403-4 priced on the basis of adequate price competition. For interorganizational transfers priced at other than the cost of comparable competitive commercial work of the division, subsidiary, or affiliate of the contractor, explain the pricing method (see FAR 31.205-26(e)).
  - (2) *All Other.* Obtain certified cost or pricing data from prospective sources for those acquisitions (such as subcontracts, purchase orders, material order, etc.) exceeding the threshold set forth in FAR 15.403-4 and not otherwise exempt, in accordance with FAR 15.403-1(b) (*i.e.*, adequate price competition,

commercial items, prices set by law or regulation or waiver). Also provide data showing the basis for establishing source and reasonableness of price. In addition, provide a summary of your cost analysis and a copy of certified cost or pricing data submitted by the prospective source in support of each subcontract, or purchase order that is the lower of either \$13.5 million or more, or both more than the pertinent certified cost or pricing data threshold and more than 10 percent of the prime contractor's proposed price. Also submit any information reasonably required to explain your estimating process (including the judgmental factors applied and the mathematical or other methods used in the estimate, including those used in projecting from known data, and the nature and amount of any contingencies included in the price). The Contracting Officer may require you to submit cost or pricing data in support of proposals in lower amounts. Subcontractor certified cost or pricing data must be accurate, complete and current as of the date of final price agreement, or an earlier date agreed upon by the parties, given on the prime contractor's Certificate of Current Cost or Pricing Data. The prime contractor is responsible for updating a prospective subcontractor's data. For standard commercial items fabricated by the offeror that are generally stocked in inventory, provide a separate cost breakdown, if priced based on cost. For interorganizational transfers priced at cost, provide a separate breakdown of cost elements. Analyze the certified cost or pricing data and submit the results of your analysis of the prospective source's proposal. When submission of a prospective source's certified cost or pricing data is required as described in this paragraph, it must be included as part of your own certified cost or pricing data. You must also submit any data other than certified cost or pricing data obtained from a subcontractor, either actually or by specific identification, along with the results of any analysis performed on that data.

- B. *Direct Labor*. Provide a time-phased (e.g., monthly, quarterly, etc.) breakdown of labor hours, rates, and cost by appropriate category, and furnish bases for estimates.
- C. *Indirect Costs*. Indicate how you have computed and applied your indirect costs, including cost breakdowns. Show trends and budgetary data to provide a basis for evaluating the reasonableness of proposed rates. Indicate the rates used and provide an appropriate explanation.
- D. *Other Costs*. List all other costs not otherwise included in the categories described above (e.g., special tooling, travel, computer and consultant services, preservation, packaging and packing, spoilage and rework, and Federal excise tax on finished articles) and provide bases for pricing.
- E. *Royalties*. If royalties exceed \$1,500, you must provide the following information on a separate page for each separate royalty or license fee:

(1) Name and address of licensor.

- (2) Date of license agreement.
  - (3) Patent numbers.
  - (4) Patent application serial numbers, or other basis on which the royalty is payable.
  - (5) Brief description (including any part or model numbers of each contract item or component on which the royalty is payable).
  - (6) Percentage or dollar rate of royalty per unit.
  - (7) Unit price of contract item.
  - (8) Number of units.
  - (9) Total dollar amount of royalties.
  - (10) If specifically requested by the Contracting Officer, a copy of the current license agreement and identification of applicable claims of specific patents (see FAR 27.202 and 31.205-37).
- (g) DOE or its cognizant audit entity may request additional supporting information for purposes of clarification.
- (h) The Offeror shall not propose cost for Government-Furnished Property for use during the performance of this Contract.

## **2. Evaluation Factors for Award**

The Government intends to issue a task order that meets the task order requirements at a fair and reasonable price. There are no options to be evaluated for this task order.

### Appendix C – Cost Assumptions

<b>Task Section</b>	<b>Assumptions</b>
C.2.1, C.2.2, C.2.3, C.2.4, C.2.5	Program Management specific support is included in CLIN 4 and is excluded for this Task Order
C.2.1, C.2.2, C.2.3, C.2.4, C.2.5	Utilize Table C-2 Supplemental Information current versions

**Attachment J.15**  
**CLIN 0007 – RPTO-006**  
**Request for Proposal**

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## Section B - Supplies or Services and Prices/Costs

This Task Order work shall be performed under Contract Line Item Number (CLIN) 0007 of the Hanford Mission Essential Services Contract (HMESC). Section B of the HMESC is incorporated by reference, as applicable, and is revised for purposes of this Task Order with the information below specifically identified for this Task Order.

### B.1 DOE-B-2012 Supplies/Services Being Procured/Delivery Requirements (Oct 2014)

The Contractor shall furnish all personnel, facilities, equipment, material, supplies, and services (except as may be expressly set forth in this Task Order as furnished by the Government) and otherwise do all things necessary for, or incident to, the performance of work as described in Section C, *Performance Work Statement (PWS)*, under this Task Order.

### B.2 Type of Contract

This is a performance-based Cost-Plus-Award Fee Task Order for services to directly support the raw water and potable water infrastructure at the U.S. Department of Energy (DOE) Hanford Site, with a fee structure that provides a strong financial motivation for the Contractor to furnish safe, compliant, cost-effective and energy-efficient services.

**Table B-1. Task Order Cost and Fee**

<b>Estimated Task Order Cost</b>	[\$proposed]
<b>Estimated Task Order Fee</b>	[\$proposed]
<b>Subjective Percentage:</b>	40%
<b>Objective Percentage:</b>	60%

The task order consists of the subtasks identified in table B-2. DOE expects to obligate funding to the Contract in accordance with the estimated annual Contract value. However, funding is subject to the appropriations of Congress. DOE does not guarantee that funding will be provided or obligated in the amount stated in Table B-2 of this task order.

**Table B-2. Subtasks**

<b>Subtask</b>	<b>Subtask Title</b>	<b>Cost</b>	<b>Fee</b>	<b>Total</b>
C.2.1	Construction L-894, Raw Water Cross-Connection Isolation 200E/W	[\$proposed]	[\$proposed]	[\$proposed]
C.2.2	Construction L-895, Fire Water Protection Infrastructure for Raw Water	[\$proposed]	[\$proposed]	[\$proposed]
C.2.3	Design L-849, Replace 200E 1.1M gallon Potable Water Tank	[\$proposed]	[\$proposed]	[\$proposed]
<b>Task Total</b>		<b>[\$proposed]</b>	<b>[\$proposed]</b>	<b>[\$proposed]</b>

(a) For CPAF task orders, payment of fee for the services ordered and delivered shall be made in

accordance with Sections B of the HMESC entitled, *Fee, Provisional Payment of Fee, and Fee Reductions*, and Section J Attachment entitled, *Performance Evaluation and Measurement Plan (PEMP)*.

- (b) The estimated cost or price will be established in each individual task order. The Contractor may propose the fee amount it determines appropriate for the individual task order, provided the fee/profit amount, as a percentage of the estimated cost of each proposed year, does not exceed the fee percentage ceiling as specified in the Section B clause, *DOE-B-2015 Task Order Fee Ceiling (Oct 2014) (Revised)*.

### **B.3 DOE-B-2013 Obligation of Funds (Oct 2014)**

The applicable information in B.3 of the HMESC is incorporated by reference. See J.15 of the HMESC for funding by task order.

### **B.4 Reserved**

### **B.5 DOE-B-2015 Task Order Fee Ceiling (Oct 2014) (Revised)**

- (a) The fee amount, specified as a percentage, shall not exceed a maximum of eight (8) percent for cost reimbursable (CR) task orders and shall serve as the fee ceiling for CR task orders issued under the Contract.
- (b) The profit amount, specified as a percentage, shall not exceed a maximum of eight (8) percent for firm-fixed-price and time-and-material task orders issued under this Contract.
- (c) The fee amount for each task order will be negotiated and established in each individual task order based on risk and complexity. For CPAF task orders, the fee ceiling percentage applies to the total of the amount proposed for award fee.
- (d) The fee ceiling percentage shall at no time exceed any statutory limitations imposed by 41 USC §3905, and FAR 15.404-4(c)(4)(i).

## **Section C - Performance Work Statement**

### **C.1 Task Order Purpose and Overview**

Task Order 11 is for the construction of Project L-894, Raw Water Cross-Connection Isolation 200 East/West (E/W), construction of Project L-895, Fire Protection Infrastructure for Plateau Raw Water, and design of Project L-849, Replace 200E 1.1 Million (M) gallon Potable Water Tank.

Project L-894, Raw Water Cross-Connection Isolation 200E/W, will prevent potential cross-contamination of the potable and export water systems with the raw water systems. To mitigate hazards from facilities on the raw water distribution grid, L-894 takes a “global air gap” approach, rather than at individual facilities, that will separate all cross-ties between the sanitary water distribution and raw water distribution systems.

Project L-894 will result in a Washington State compliant (WAC 246-290), air-gapped raw water system that will prevent the potential for cross-contamination of the sanitary and export water systems by the raw water system.

Project L-895, Fire Protection Infrastructure for Plateau Raw Water will add necessary fire protection infrastructure to the raw water systems in the 200 Areas. The raw water grid provides fire protection water (and process water) to the Central Plateau. Certified and dedicated fire pumps and backup power systems are required for Central Plateau fire protection requirements.

The scope of L-895 includes additions to the 200E/W Areas pumps, pump house structures, and backup power systems, as well as the necessary pipe interfacing with the raw water reservoirs and grids (referred to as the cross-site raw water tie line).

Project L-895 will provide the necessary pumping upgrades to maintain dual-source capabilities on the raw water system by using the cross-site tie line. Identical pumps in the 282E and 282W pump houses ensure that both systems are capable of supplying the combined fire protection and process water demands to the entire raw water grid, independently. This upgrade substantially increases the reliability of the raw water system while maintaining operational redundancies.

Project L-849, Replace 200E 1.1M gallon Potable Water Tank, will design one (1) 1.31M gallon minimum volume Potable Water (PW) tank for the sanitary water (SW) system that will replace and improve the reliability of the system's current tank which is 1.1M gallon. The new tank will be constructed and the existing tank (building number 283EA) will be demolished. The new tank will add freeze protection and booster chlorination to satisfy National Fire Protection Association (NFPA) requirements. The existing 283EA tank shall remain in service to provide fire protection and SW service until the new tank is fully operational, approved by the Washington State Department of Health (WA DOH) for use and connected to the SW grid.

The scope includes installation of up to four (4) SW distribution pumps for pressurizing the SW grid in 200E area, as well as a recirculation pump. The new pumps are to be installed in an existing 200E area pump house, building 282EC. The newly installed pumps will replace the existing pumps which will be abandoned. Additional piping and reconfiguration will be required to allow the new SW distribution pumps in 200E area to draw from the new tank.

The existing potable water storage tank, 283EA, was inspected in 2013 and was found to suffer corrosion in the roof and some structural elements. The inspection report recommended replacing the interior coating; however this is not practical because of the requirement for the availability of fire protection water and recoating the existing tank would require nearly much time as constructing a new tank.

Failure of this tank could put nuclear facilities into a limited condition of operation and severely impact the ability to fight fires on the Central Plateau.

## **C.2 Scope of Work**

L-894, Construction of Raw Water Cross-Connection Isolation 200E/W; Construction of L-895, Fire Water Protection Infrastructure for Raw Water, and Design of L-849, Replace 200E 1.1M gallon Potable Water Tank.

**General Requirements**

The desired outcome is to deliver the construction of the raw water cross-connection isolation 200E/W, construction of the fire water protection infrastructure for raw water, and design for the replacement of the 200E 1.1M gallon potable water tank in a timely and cost-effective manner and in accordance with all applicable requirements. Sections C.2.1, C.2.2, and C.2.3 provide further detail on specific design and construction work scope that is included in this task order.

**Key Customers**

-DOE

**Table C-1. Listing of Subtask-Specific Scope**

Task: RPTO-006			
Subtask #	Subtask Title	Section	CWBS Reference*
1	Construction L-894, Raw Water Cross-Connection Isolation 200E/W	C.2.1	
2	Construction L-895, Fire Water Protection Infrastructure for Raw Water	C.2.2	
3	Design L-849, Replace 200E 1.1M gallon Potable Water Tank	C.2.3	
* The CWBS Reference(s) for the Task will be referenced by the Contractor as part of its proposal. CWBS = Contract Work Breakdown Structure			

**C.2.1 Construction L-894, Raw Water Cross-Connection Isolation 200E/W**

**Scope and Requirements**

The contractor shall:

- Implement the approved designs referenced in Table C-2 to construct the L-894, Raw Water Cross-Connection Isolation 200E/W in accordance with DOE-RL requirements.
  - Make modifications to the air gaps at the raw water reservoirs to bring them into compliance with WAC requirements.
  - Modify the raw water system to meet fire protection requirements listed in NFPA and CRD O 420.1C, including providing qualified fire pump and reservoir systems.

- Remove all direct export water feeds into the raw water system that exist in or near 282EC and 282WC.
- Remove the raw water grid feed to the Water Treatment Facility.
- Conduct 200W and 200E leak tests.
- Develop as-constructed drawings.
- Ensure all O&M documentation is available for system maintenance requirements as specified in the submittal register.

### **Boundaries, Constraints, and Interfaces:**

#### Boundaries and Constraints:

- This project will require Excavation Permit(s) to be developed and approved.
- The critical path of L-894 is driven by Project L-895 having 200E Raw Water pumps installed and operational.
- The existing 283EA Tank shall remain in service to provide fire protection and SW service until the new tank is fully operational, approved by WA DOH for use and connected to the SW grid.

#### Interfaces:

- Water and Sewer Utilities
- Land and Facilities Management
- Hanford Fire Systems Maintenance
- Hanford Fire Marshal's Office
- WA DOH

### **C.2.2 Construction L-895, Fire Water Protection Infrastructure for Raw Water Scope and Requirements**

#### The contractor shall:

- Implement the approved designs referenced in Table C-2 to construct the L-895, Fire Water Protection Infrastructure for Raw Water in accordance with DOE-RL requirements.
  - Install five (5) new pumps, pump motors, and make modifications to controls in the 282E reservoir pump house.
  - Install five (5) new pumps, pump motors, and make modifications to controls in the 282W reservoir pump house.
  - Suction/discharge piping will be added or reconfigured to accommodate the new pumps.

- Upgrade primary and backup power systems, as necessary, to meet the power demands of the new pumps.
- Add piping required to interface with the new raw water grids.
- Modify reservoir pump house structures to house the additional pumps, controls, and piping infrastructure.
- Construct two new above-grade structures to house required electrical equipment.
- Develop as-constructed drawings.
- Conduct training for 200E and 200W infrastructure improvements.
- Ensure all O&M documentation is available for system maintenance requirements as specified in the submittal register.

### **Boundaries, Constraints, and Interfaces**

#### Boundaries & Constraints:

- This project will require Excavation Permit(s) to be developed and approved.
- Project L-895 will not include the construction of a raw water tie-in between 200E and 200W. This function will be completed as a result of Project L-894.
- Final cut and caps to isolate the potable water system from the raw water system will not be performed under Project L-895. This function will be completed as a result of Project L-894.
- The critical path of Project L-894 is driven by Project L-895 having 200E Raw Water pumps installed and operational.

#### Interfaces:

- Water and Sewer Utilities
- Land and Facilities Management
- Hanford Fire Systems Maintenance
- Hanford Fire Marshal's Office
- WA DOH

### **C.2.3 Design L-849, Replace 200E 1.1M gallon Potable Water Tank**

#### **Scope and Requirements**

#### The contractor shall:

- Complete the designs in accordance with the requirements identified in Table C-2, to replace the 200E 1.1M gallon Potable Water Tank to meet all DOE/RL standards/specifications. The design work for the project is to follow the phasing sequence of 60% and 90% Definitive Design, and 100 % Final Design.:

- The Contractor shall act as the design authority (DA) unless otherwise determined, with duties to include developing design solutions, preparing design media and documentation, maintaining the design basis, and performing design reviews.
- Design shall be performed by or under the direction of a Washington State registered PE. All engineering documents, such as design drawings, construction specifications, or any other document prepared shall be sealed by the responsible PE.
- Deliver and resolve issues for each of the Design Phases (60%, 90%, and 100% Design) in accordance with the DOE-RL standards/specifications.
- When directed by DOE, the Contractor shall facilitate independent DOE design reviews, to demonstrate that the project will perform its intended functions and meets requirements.
- Obtain DOE authorization to release the design for construction upon WA DOH approval of Project Report as required by WAC 246-290.

**Boundaries, Constraints, and Interfaces**

Boundaries & Constraints:

- This project does not include SW fire protection upgrades other than connection to the existing SW grid, and to the existing SW fire pump in 282EC.

Interfaces:

- Water and Sewer Utilities
- Land and Facilities Management
- Hanford Fire Systems Maintenance
- Hanford Fire Marshal’s Office
- WA DOH

**C.3 Additional Supplemental Scope Information**

The Supplemental Information in Table C-2 below provides additional required information to be used for defining the scope of work performed under this Task Order.

**Table C-2. Supplemental Information**

Task Order Section	Supplemental Information
C.2.1	Hanford Site Water System Master Plan, HNF-5828, Revision 9, and the Infrastructure Services & Alignment Plan, HNF-44238 Revision 10, outline the overarching requirement for construction of L-894.
C.2.1	Project L-894, Raw Water Cross-Connection Isolation 200E/W Construction Specifications are documented in HNF-SPEC-61935.

**Table C-2. Supplemental Information**

<b>Task Order Section</b>	<b>Supplemental Information</b>
C.2.1	Project L-894, Raw Water Cross-Connection Isolation 200E/W Construction Drawings are documented in DCN-L894-0001.
C.2.2	Hanford Site Water System Master Plan, HNF-5828, Revision 9, and the Infrastructure Services & Alignment Plan, HNF-44238 Revision 10, outline the overarching requirement for construction of L-895.
C.2.2	Project L-895, Fire Protection Infrastructure for Raw Water Construction Specifications are documented in HNF-SPEC-62316.
C.2.2	Project L-895, Fire Protection Infrastructure for Raw Water Construction Drawings are documented in DCN-L895-0001
C.2.3	Policies, procedures, and standards applied should be consistent with those applied in PWS Section C.4.12.1 Engineering of the HMESC.
C.2.3	Hanford Site Water System Master Plan, HNF-5828, Revision 9, and the Infrastructure & Services Alignment Plan, HNF-44238 Revision 10, outline the overarching requirement for design of L-849.
C.2.3	Project L-849 Project Scope is outlined in Project Scope Document, Revision 3.
C.2.3	Project L-849 Functional Requirements and Design Criteria are outlined in HNF-FRDC-62005, Revision 0.

**Section D - Packaging and Marking**

Section D of the HMESC contract is incorporated by reference, as applicable to this Task Order.

**Section E - Inspection and Acceptance**

Section E of the HMESC contract is incorporated by reference, as applicable to this Task Order.

**Section F - Deliveries or Performance**

Section F of the HMESC contract is incorporated by reference, as applicable to this Task Order, with the exception of Clause F.3 *Period of Performance* of the HMESC, which is filled in and provided below as F.3 *Period of Performance*.

**F.3 Period of Performance**

- (a) The Task Order period of performance shall be from January 25, 2021 through April 30, 2023.

- (b) The period of performance of this contract may be extended pursuant to unilateral options or other clauses that provide for the extension of the Contract. In the event that the Government elects to exercise its right pursuant to such options(s) or other clauses, the period of performance shall be revised to reflect such extensions.
- (c) The Contractor shall not be paid for work performed or costs incurred prior to the Task Order effective date. The Contractor is not authorized to proceed beyond the Task Order period of performance, nor will the Contractor be paid for any costs incurred beyond that period unless the Task Order is modified by the CO to extend the period of performance.

### **Section G - Contract Administration Data**

Section G of the HMESC contract is incorporated by reference, as applicable to this Task Order.

### **Section H - Special Contract Requirements**

Section H of the HMESC contract is incorporated by reference, as applicable to this Task Order.

### **Section I - Contract Clauses**

Section I of the HMESC contract is incorporated by reference, as applicable to this Task Order. The following Section I Clauses are also applicable and filled-in as follows:

**Table I-1. Section I Clause Fill-Ins**

Clause No.	FAR/DEAR Reference	Title	Fill-In Information; See FAR 52.104(d)
I.1	52.215-10	Price Reduction for Defective Certified Cost or Pricing Data (Aug 2011)	Fill-In Not Applicable
I.2	52.215-12	Subcontractor Certified Cost or Pricing Data (Jun 2020)	Fill-In Not Applicable
I.3	52.216-7 (Alt I)	Allowable Cost and Payment (Aug 2018) <i>as modified by DEAR 952.216-7</i>	(a)(3) 30th (cost invoices) and 30th (fee invoices)
I.4	52.232-27	Prompt Payment for Construction Contracts (Jan 2017)	Fill-In Not Applicable
DEAR = Department of Energy Acquisition Regulation      FAR = Federal Acquisition Regulation			

This task order incorporates one or more clauses, by reference, as indicated in the matrix above.

### **Section J - List of Documents, Exhibits, and Other Attachments**

Section J of the HMESC contract is incorporated by reference, as applicable to this Task Order, with the exception of the following, which are hereby incorporated in this Task Order.

**Section J.10 Task Order Deliverables**

The following list of 13 Deliverables are required for this Task Order.

**RPTO-006 – L-894**

Deliverable Number	Deliverable	DOE		Deliverable Due Date	Task Order Section
		Action	Response Time*		
1	Subcontractor schedules and method of progress verification	Review	N/A	30 days after day 1	C.2.1
2	Monthly Progress Report	Review	N/A	2 weeks after monthly financial cutoff	C.2.1
3	Construction Completion Document CCD 200W	Review	N/A	6/28/2021	C.2.1
4	Construction Completion Document CCD 200E	Review	N/A	6/13/2022	C.2.1
5	Facility Acceptance-Certification of Facility Acceptance.	Review	N/A	2/26/2023	C.2.1

**RPTO-006 – L-895**

Deliverable Number	Deliverable	DOE		Deliverable Due Date	Task Order Section
		Action	Response Time*		
1	Subcontractor schedules and method of progress verification	Review	N/A	30 days after day 1	C.2.2

**RPTO-006 – L-895**

Deliverable Number	Deliverable	DOE		Deliverable Due Date	Task Order Section
		Action	Response Time*		
2	Monthly Progress Report	Review	N/A	2 weeks after monthly financial cutoff	C.2.2
3	Construction Completion Document CCD-1	Review	N/A	1/27/2021	C.2.2
4	Construction Completion Document CCD-2	Review	N/A	12/15/2021	C.2.2
5	Facility Acceptance-Certification of Facility Acceptance.	Review	N/A	6/28/2022	C.2.2

**RPTO 006 – L-849**

Deliverable Number	Deliverable	DOE		Deliverable Due Date	Task Order Section
		Action	Response Time*		
1	Subcontractor schedules and method of progress verification	Review	N/A	30 days after day 1	C.2.3
2	Monthly Progress Report	Review	N/A	2 weeks after monthly financial cutoff	C.2.3
3	Design Phases 60% 90% 100%	Review	N/A	5/20/2021 9/16/2021 12/14/2021	C.2.3

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## **Appendix A - Supplemental Information for Section C**

The document below is the Water System Master Plan, Revision 9. The Water System Master Plan provides the overarching requirement for Project L-894.

[https://hanfordsite.sharepoint.com/sites/DOE-TOIRP/Task%20Order%20Library/Documents/MSA-2001752\\_Attachment.pdf](https://hanfordsite.sharepoint.com/sites/DOE-TOIRP/Task%20Order%20Library/Documents/MSA-2001752_Attachment.pdf)

The document below is the 2019 Infrastructure & Services Alignment Plan. The plan provides the overarching requirement for Project L-894.

<https://hanfordsite.sharepoint.com/sites/DOE-TOIRP/Task%20Order%20Library/Documents/FY19%20ISAP.pdf>

The 100% construction specifications for the L-894 Raw Water Cross-Connection Isolation 200E/W are located at:

<https://hanfordsite.sharepoint.com/sites/DOE-PM-Legacy/L894%20Raw%20Water%20Cross%20Connection%20Isolation%20200EW/Forms/AllItems.aspx?viewpath=%2Fsites%2FDOE%2DPM%2DLegacy%2FL894%20Raw%20Water%20Cross%20Connection%20Isolation%20200EW%2FForms%2FAllItems%2Easpx&id=%2Fsites%2FDOE%2DPM%2DLegacy%2FL894%20Raw%20Water%20Cross%20Connection%20Isolation%20200EW%2FHNF%2DSPEC%2D61935%2C%20Rev%2E%200%2C%20L%2D894%20Raw%20Water%20Cross%2DConnection%20Isolation%20Project%20Construction%20Specification%2Epdf&parent=%2Fsites%2FDOE%2DPM%2DLegacy%2FL894%20Raw%20Water%20Cross%20Connection%20Isolation%20200EW>

The 100% construction drawings for the L-894 Raw Water Cross-Connection Isolation 200E/W are located at:

<https://hanfordsite.sharepoint.com/sites/DOE-PM-Legacy/L894%20Raw%20Water%20Cross%20Connection%20Isolation%20200EW/Forms/AllItems.aspx?id=%2Fsites%2FDOE%2DPM%2DLegacy%2FL894%20Raw%20Water%20Cross%20Connection%20Isolation%20200EW%2FDrawings%20and%20Design%20Changes%2FDCN%2DL894%2D0001&viewid=0878c6a0%2D3ab2%2D4eaa%2D979b%2D3a65fd962fe9>

The document below is the Water System Master Plan, Revision 9. The Water System Master Plan provides the overarching requirement for Project L-895.

[https://hanfordsite.sharepoint.com/sites/DOE-TOIRP/Task%20Order%20Library/Documents/MSA-2001752\\_Attachment.pdf](https://hanfordsite.sharepoint.com/sites/DOE-TOIRP/Task%20Order%20Library/Documents/MSA-2001752_Attachment.pdf)

The document below is the 2019 Infrastructure & Services Alignment Plan. The plan provides the overarching requirement for Project L-895.

<https://hanfordsite.sharepoint.com/sites/DOE-TOIRP/Task%20Order%20Library/Documents/FY19%20ISAP.pdf>

The 100% construction specifications for the L-895 Fire Protection Infrastructure for Raw Water are located at:

<https://hanfordsite.sharepoint.com/sites/DOE-PM-Legacy/L895%20Fire%20Protection%20Infrastructure%20for%20Plateau%20Ra/Forms/AllItems.aspx?viewpath=%2Fsites%2FDOE%2DPM%2DLegacy%2FL895%20Fire%20Protection%20Infrastructure%20for%20Plateau%20Ra%2FForms%2FAAllItems%2Easpx&id=%2Fsites%2FDOE%2DPM%2DLegacy%2FL895%20Fire%20Protection%20Infrastructure%20for%20Plateau%20Ra%2FHNF%2DSPEC%2D62316%20Project%20L%2D895%20Specification%2Epdf&parent=%2Fsites%2FDOE%2DPM%2DLegacy%2FL895%20Fire%20Protection%20Infrastructure%20for%20Plateau%20Ra>

The 100% construction drawings for the L-895 Fire Protection Infrastructure for Raw Water are located at:

<https://hanfordsite.sharepoint.com/sites/DOE-PM-Legacy/L895%20Fire%20Protection%20Infrastructure%20for%20Plateau%20Ra/Forms/AllItems.aspx?id=%2Fsites%2FDOE%2DPM%2DLegacy%2FL895%20Fire%20Protection%20Infrastructure%20for%20Plateau%20Ra%2FDrawings%20and%20Design%20Changes%2FDCN%2DL895%2D0001&viewid=794e1509%2D641a%2D487b%2Daf6e%2D5e43e308ac57>

The document below is the Water System Master Plan, Revision 9. The Water System Master Plan provides the overarching requirement for Project L-849.

[https://hanfordsite.sharepoint.com/sites/DOE-TOIRP/Task%20Order%20Library/Documents/MSA-2001752\\_Attachment.pdf](https://hanfordsite.sharepoint.com/sites/DOE-TOIRP/Task%20Order%20Library/Documents/MSA-2001752_Attachment.pdf)

The document below is the 2019 Infrastructure & Services Alignment Plan. The plan provides the overarching requirement for Project L-849.

<https://hanfordsite.sharepoint.com/sites/DOE-TOIRP/Task%20Order%20Library/Documents/FY19%20ISAP.pdf>

The document below is the Scoping document for Project L-849, Replace 1.1M gallon PW Tank. This document was used in reference to Section C.2 Scope of Work. It is a requirement to meet the criteria outlined in the scoping document below.

<https://hanfordsite.sharepoint.com/sites/DOE-PM-Legacy/L849%20replace%20200E%2011Mgal%20PW%20Tank/Forms/AllItems.aspx?viewpath=%2Fsites%2FDOE%2DPM%2DLegacy%2FL849%20replace%20200E%2011Mgal%20PW%20Tank%2FForms%2FAAllItems%2Easpx&id=%2Fsites%2FDOE%2DPM%2DLegacy%2FL849%20replace%20200E%2011Mgal%20PW%20Tank%2FL%2D849%20Scope%20Document%20Rev%2E%203%2Epdf&parent=%2Fsites%2FDOE%2DPM%2DLegacy%2FL849%20replace%20200E%2011Mgal%20PW%20Tank>

The Functional Requirements and Design Criteria for L-849, Replace 1.1Mgallon PW Tank is located at:

<https://hanfordsite.sharepoint.com/sites/DOE-PM-Legacy/L849%20replace%20200E%2011Mgal%20PW%20Tank/Forms/AllItems.aspx?viewpath=%2Fsites%2FDOE%2DPM%2DLegacy%2FL849%20replace%20200E%2011Mgal%20PW%20Tank%2FForms%2FAllItems%2Easpx&id=%2Fsites%2FDOE%2DPM%2DLegacy%2FL849%20replace%20200E%2011Mgal%20PW%20Tank%2FHNF%2DFRDC%2D62005%20Rev%2E%200%20L%2D849%20and%20L%2D850%20Functional%20Requirements%20and%20Design%20Criteria%2Epdf&parent=%2Fsites%2FDOE%2DPM%2DLegacy%2FL849%20replace%20200E%2011Mgal%20PW%20Tank>

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**Appendix B – Task Order RPTO-006 Proposal Preparation Instructions –  
Cost Plus Award Fee Proposal**

**1. Instructions: Task Order RPTO-006 Cost Plus Award Fee Proposal**

The Contractor shall respond to this request for proposal within 60 days of receipt.

Solicitation provisions in L.1 of the HMESC RFP are incorporated by reference as applicable to this task, except for additional solicitation provisions identified below.

FAR/DEAR Reference	Title	Fill-In Information; See FAR 52.104(d)
52.215-20	Requirements for Certified Cost or Pricing Data and Other than Certified Cost or Pricing Data (Oct 2010)	Fill-In Not Applicable
DEAR = Department of Energy Acquisition Regulation FAR = Federal Acquisition Regulation		

The Contractor’s task proposal for Cost Plus Award Fee Task Orders shall include:

- (1) The proposed cost and fee amounts, if applicable, for Section B, *Supplies or Services and Prices/Costs*, Table B-1, *Task Order Cost and Fee*, as detailed by task or subtask in Table B-2, *Subtasks*.
- (2) A detailed technical approach on the PWS elements and sufficient detail to demonstrate the completeness, feasibility, and effectiveness of the Offeror’s technical approach.
- (3) All assumptions impacting the Offeror’s proposal.
- (4) Additionally, the contractor shall prepare its Task Order Proposal in accordance with the instructions in paragraphs (a) through (h):
  - (a) The contractor shall propose in accordance with FAR Table 15.2 with applicable breakdown of costs.
  - (b) The rates and pricing proposed by the contractor shall be in alignment with awarded HMESC proposal and/or current provisionally approved forward pricing rates consistent with FAR 15.
  - (c) The Offeror shall utilize the assumptions included within the RFP Appendix C and the Supplemental Information contained within this Task Order when preparing its cost estimate. Proposed costs and fee shall be on a Government fiscal year (GFY) basis from October 1 through September 30. Costs shall be proposed in FY21 dollars (October 1, 2020, through September 30, 2021).
  - (d) The Offeror shall not propose a fee percentage that exceeds the fee percentage in Section B.5(a) of this Task Order.
  - (e) Contractor shall provide a Primavera P6 (P6), “.XER” file type integrated resource-loaded schedule that identifies the time phasing of work for this Task Order. The schedule shall

include the activities necessary to achieve the Task Order at a resource level. The integrated schedule shall include all defined scope of work in this Task Order, with the consideration to the constraints identified in Appendix C – Cost Assumptions.

- (f) Proposal – The Offeror shall provide narrative support sufficient to explain the development of the costs/prices proposed for this Task Order in accordance with FAR Table 15.2, *Instructions for Submitted Cost/Price Proposal When Certified Cost or Pricing Data are Required*:

*I. General Instructions*

- A. You must provide the following information on the first page of your pricing proposal:
- (1) Solicitation, contract, and/or modification number;
  - (2) Name and address of offeror;
  - (3) Name and telephone number of point of contact;
  - (4) Name of contract administration office (if available);
  - (5) Type of contract action (that is, new contract, change order, price revision/redetermination, letter contract, unpriced order, or other);
  - (6) Proposed cost; profit or fee; and total;
  - (7) Whether you will require the use of Government property in the performance of the contract, and, if so, what property;
  - (8) Whether your organization is subject to cost accounting standards; whether your organization has submitted a CASB Disclosure Statement, and if it has been determined adequate; whether you have been notified that you are or may be in noncompliance with your Disclosure Statement or CAS (other than a noncompliance that the cognizant Federal agency official has determined to have an immaterial cost impact), and, if yes, an explanation; whether any aspect of this proposal is inconsistent with your disclosed practices or applicable CAS, and, if so, an explanation; and whether the proposal is consistent with your established estimating and accounting principles and procedures and FAR Part 31, Cost Principles, and, if not, an explanation;
  - (9) The following statement: This proposal reflects our estimates and/or actual costs as of this date and conforms with the instructions in FAR 15.403-5(b)(1) and Table 15-2. By submitting this proposal, we grant the Contracting Officer and authorized representative(s) the right to examine, at

any time before award, those records, which include books, documents, accounting procedures and practices, and other data, regardless of type and form or whether such supporting information is specifically referenced or included in the proposal as the basis for pricing, that will permit an adequate evaluation of the proposed price.

- (10) Date of submission; and
  - (11) Name, title, and signature of authorized representative.
- B. In submitting your proposal, you must include an index, appropriately referenced, of all the certified cost or pricing data and information accompanying or identified in the proposal. In addition, you must annotate any future additions and/or revisions, up to the date of agreement on price, or an earlier date agreed upon by the parties, on a supplemental index.
- C. As part of the specific information required, you must submit, with your proposal—
- (1) Certified cost or pricing data (as defined at FAR 2.101). You must clearly identify on your cover sheet that certified cost or pricing data are included as part of the proposal.
  - (2) Information reasonably required to explain your estimating process, including—
    - (i) The judgmental factors applied and the mathematical or other methods used in the estimate, including those used in projecting from known data; and
    - (ii) The nature and amount of any contingencies included in the proposed price.
- D. You must show the relationship between line item prices and the total contract price. You must attach cost-element breakdowns for each proposed line item, using the appropriate format prescribed in the “Formats for Submission of Line Item Summaries” section of this table. You must furnish supporting breakdowns for each cost element, consistent with your cost accounting system.
- E. When more than one line item is proposed, you must also provide summary total amounts covering all line items for each element of cost.
- F. Whenever you have incurred costs for work performed before submission of a proposal, you must identify those costs in your cost/price proposal.

- G. If you have reached an agreement with Government representatives on use of forward pricing rates/factors, identify the agreement, include a copy, and describe its nature.
- H. As soon as practicable after final agreement on price or an earlier date agreed to by the parties, but before the award resulting from the proposal, you must, under the conditions stated in FAR 15.406-2, submit a Certificate of Current Cost or Pricing Data.

## *II. Cost Elements*

Depending on your system, you must provide breakdowns for the following basic cost elements, as applicable:

- A. *Materials and services.* Provide a consolidated priced summary of individual material quantities included in the various tasks, orders, or line items being proposed and the basis for pricing (vendor quotes, invoice prices, etc.). Include raw materials, parts, components, assemblies, and services to be produced or performed by others. For all items proposed, identify the item and show the source, quantity, and price. Conduct price analyses of all subcontractor proposals. Conduct cost analyses for all subcontracts when certified cost or pricing data are submitted by the subcontractor. Include these analyses as part of your own certified cost or pricing data submissions for subcontracts expected to exceed the appropriate threshold in FAR 15.403-4. Submit the subcontractor certified cost or pricing data and data other than certified cost or pricing data as part of your own certified cost or pricing data as required in paragraph IIA(2) of this table. These requirements also apply to all subcontractors if required to submit certified cost or pricing data.
  - (1) *Adequate Price Competition.* Provide data showing the degree of competition and the basis for establishing the source and reasonableness of price for those acquisitions (such as subcontracts, purchase orders, material order, etc.) exceeding, or expected to exceed, the appropriate threshold set forth at FAR 15.403-4 priced on the basis of adequate price competition. For interorganizational transfers priced at other than the cost of comparable competitive commercial work of the division, subsidiary, or affiliate of the contractor, explain the pricing method (see FAR 31.205-26(e)).
  - (2) *All Other.* Obtain certified cost or pricing data from prospective sources for those acquisitions (such as subcontracts, purchase orders, material order, etc.) exceeding the threshold set forth in FAR 15.403-4 and not otherwise exempt, in accordance with FAR 15.403-1(b) (*i.e.*, adequate price competition, commercial items, prices set by law or regulation or waiver). Also provide data showing the basis for establishing source and reasonableness of price. In addition, provide a summary of your cost analysis and a copy of certified cost or pricing data submitted by the

prospective source in support of each subcontract, or purchase order that is the lower of either \$13.5 million or more, or both more than the pertinent certified cost or pricing data threshold and more than 10 percent of the prime contractor's proposed price. Also submit any information reasonably required to explain your estimating process (including the judgmental factors applied and the mathematical or other methods used in the estimate, including those used in projecting from known data, and the nature and amount of any contingencies included in the price). The Contracting Officer may require you to submit cost or pricing data in support of proposals in lower amounts. Subcontractor certified cost or pricing data must be accurate, complete and current as of the date of final price agreement, or an earlier date agreed upon by the parties, given on the prime contractor's Certificate of Current Cost or Pricing Data. The prime contractor is responsible for updating a prospective subcontractor's data. For standard commercial items fabricated by the offeror that are generally stocked in inventory, provide a separate cost breakdown, if priced based on cost. For interorganizational transfers priced at cost, provide a separate breakdown of cost elements. Analyze the certified cost or pricing data and submit the results of your analysis of the prospective source's proposal. When submission of a prospective source's certified cost or pricing data is required as described in this paragraph, it must be included as part of your own certified cost or pricing data. You must also submit any data other than certified cost or pricing data obtained from a subcontractor, either actually or by specific identification, along with the results of any analysis performed on that data.

- B. *Direct Labor*. Provide a time-phased (e.g., monthly, quarterly, etc.) breakdown of labor hours, rates, and cost by appropriate category, and furnish bases for estimates.
- C. *Indirect Costs*. Indicate how you have computed and applied your indirect costs, including cost breakdowns. Show trends and budgetary data to provide a basis for evaluating the reasonableness of proposed rates. Indicate the rates used and provide an appropriate explanation.
- D. *Other Costs*. List all other costs not otherwise included in the categories described above (e.g., special tooling, travel, computer and consultant services, preservation, packaging and packing, spoilage and rework, and Federal excise tax on finished articles) and provide bases for pricing.
- E. *Royalties*. If royalties exceed \$1,500, you must provide the following information on a separate page for each separate royalty or license fee:
  - (1) Name and address of licensor.
  - (2) Date of license agreement.

- (3) Patent numbers.
  - (4) Patent application serial numbers, or other basis on which the royalty is payable.
  - (5) Brief description (including any part or model numbers of each contract item or component on which the royalty is payable).
  - (6) Percentage or dollar rate of royalty per unit.
  - (7) Unit price of contract item.
  - (8) Number of units.
  - (9) Total dollar amount of royalties.
  - (10) If specifically requested by the Contracting Officer, a copy of the current license agreement and identification of applicable claims of specific patents (see FAR 27.202 and 31.205-37).
- (g) DOE or its cognizant audit entity may request additional supporting information for purposes of clarification.
- (h) The Offeror shall not propose cost for Government-Furnished Property for use during the performance of this Contract.

## **2. Evaluation Factors for Award**

The Government intends to issue a task order that meets the task order requirements at a fair and reasonable price. There are no options to be evaluated for this task order.

**Appendix C – Cost Assumptions**

<b>Task Section</b>	<b>Assumptions</b>
C.2.1, C.2.2, C.2.3	Program Management specific support is included in CLIN 4 and is excluded from this task order.
C.2.2	L-895 is currently in construction; the construction sub-contract was awarded 1/17/19.
C.2.3	L-849 30% Conceptual Design is scheduled to be complete 1/12/21

**Attachment J.15**  
**CLIN 0007 – RPTO-007**  
**Request for Proposal**

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## Section B - Supplies or Services and Prices/Costs

This Task Order work shall be performed under Contract Line Item Number (CLIN) 0007 of the Hanford Mission Essential Services Contract (HMESC). Section B of the HMESC is incorporated by reference, as applicable, and is revised for purposes of this Task Order with the information below specifically identified for this Task Order.

### B.1 DOE-B-2012 Supplies/Services Being Procured/Delivery Requirements (Oct 2014)

The Contractor shall furnish all personnel, facilities, equipment, material, supplies, and services (except as may be expressly set forth in this Task Order as furnished by the Government) and otherwise do all things necessary for, or incident to, the performance of work as described in Section C, *Performance Work Statement (PWS)*, under this Task Order.

### B.2 Type of Contract

This is a Firm-Fixed Price (FFP) Task Order for services to directly support the Non-Direct Feed Low Activity Waste (DFLAW) Electrical Utilities at the U.S. Department of Energy (DOE) Hanford Site and provides for a price that is not subject to any adjustment on the basis of the contractor's cost experience in performing the contract. It provides maximum incentive for the contractor to control costs and perform effectively and imposes a minimum administrative burden upon the contracting parties.

**Table B-1. Task Order Price**

<b>Task Order Price</b>	[\$proposed]
-------------------------	--------------

**Table B-2. Subtask Order Structure**

Subtask	Subtask Title	Total Price
C.2.1	L-707, Procurement Advanced Electrical Metering	[\$proposed]
C.2.2	L-720, Outdoor Lighting Reconfiguration	[\$proposed]
C.2.3	L-801, Upgrade Supervisory Control and Data Acquisition (SCADA) System	[\$proposed]
C.2.4	L-791, Radio Frequency Laboratories (RFL) Transfer trip upgrades, Phase two	[\$proposed]
C.2.5	L-905, Fire Alarm Reporting System (FARS) and Radio Fire Alarm Reporter (RFAR) Replacement	[\$proposed]
<b>Task Total</b>		<b>[\$proposed]</b>

- (a) For FFP task orders, the Government shall pay the Contractor the contract price as provided in this contract *and make progress payments at intervals determined by the contracting officer*, with final payment subject to completion and acceptance all work, presentation of a properly executed voucher, and release of claims against the Government.

- (b) The estimated cost or price will be established in each individual task order. The Contractor may propose the fee amount it determines appropriate for the individual task order, provided the fee/profit amount, as a percentage of the estimated cost of each proposed year, does not exceed the fee percentage ceiling as specified in the Section B clause, *DOE-B-2015 Task Order Fee Ceiling (Oct 2014) (Revised)*.

### **B.3 DOE-B-2013 Obligation of Funds (Oct 2014)**

The applicable information in B.3 of the HMESC is incorporated by reference. See J.15 of the HMESC for funding by task order.

### **B.4 Reserved**

### **B.5 DOE-B-2015 Task Order Fee Ceiling (Oct 2014) (Revised)**

- (a) The fee amount, specified as a percentage, shall not exceed a maximum of eight (8) percent for CR task orders and shall serve as the fee ceiling for CR task orders issued under the Contract.
- (b) The profit amount, specified as a percentage, shall not exceed a maximum of eight (8) percent for firm-fixed-price and time-and-material task orders issued under this Contract.
- (c) The fee amount for each task order will be negotiated and established in each individual task order based on risk and complexity. For CPAF task orders, the fee ceiling percentage applies to the total of the amount proposed for award fee.
- (d) The fee ceiling percentage shall at no time exceed any statutory limitations imposed by 41 USC §3905, and FAR 15.404-4(c)(4)(i).

## **Section C - Performance Work Statement**

### **C.1 Task Order Purpose and Overview**

This Task Order is for the implementation of the following projects:

- Procurement and implementation of project L-707 Advanced Electrical Metering,
- Construction of project L-720 Outdoor Lighting Reconfiguration and Replacement,
- Construction of project L-801 Upgrade SCADA,
- Construction of project L-791 RFL Transfer trip upgrades, phase 2, and
- Construction of project L-905 FARS and RFAR Replacement.

Project L-707, Advanced Electrical Metering, the new Meter Data Management System (MDMS) is needed for the duration of the Hanford cleanup mission and is used to provide engineering data and produce contract deliverables. The system supports planning of the expected load for the Hanford site for Bonneville Power Administration (BPA) load forecasts. This system is critical in providing/producing on time delivery of the above stated items.

Project L-720, Outdoor Lighting Reconfiguration and Replacement will restore and preserve the existing lighting system on the Central Plateau. This project will right-size the site's lighting to

align with the current and future Central Plateau configuration, and the mission’s requirement for illumination. The lighting restoration and preservation will result in energy efficiency and maintenance cost-effective while improving system reliability.

Project L-801, Upgrade SCADA will replace the current SCADA system to mitigate vulnerabilities and maintain a reliable SCADA system to meet future mission needs. The system is currently inadequate to meet near term and future mission needs.

Project L-791, RFL Transfer trip upgrades, phase 2, will eliminate unsupported communication equipment, increase tripping speed during line faults, simplify the transfer trip system (by eliminating RFL communication devices), and make the transfer trip system compatible with Bonneville Power Administration’s current system change to relay-to-relay transfer trip. The objective is to install a reliable transfer trip system that should last 10 to 15 years in to the future.

Project L-905, FARS and RFAR Replacement includes replacing aging Fire Alarm Control Units (FACU) and Harlow call boxes in different facilities that had been identified as at-risk for failure or determined to cause a high level or preventative and corrective maintenance.

## C.2 Scope of Work

### General Requirements

The desired outcome to deliver the upgrade/replacement of Non-DFLAW Electrical utilities at the Hanford site in accordance with customer requirements, and all applicable requirements, in a timely and cost effective manner.

### Key Customers

- DOE

**Table C-1. Listing of Task-Specific Scope**

Task: # RPTO-007 Non-DFLAW Electrical Projects			
Subtask	Subtask Title	Task Section	CWBS Reference*
1	L-707, Advanced Electrical Metering Procurement and Implementation	C.2.1	
2	L-720, Outdoor Lighting Reconfiguration	C.2.2	
3	L-801, Upgrade SCADA	C.2.3	
4	L-791, RFL Transfer trip upgrades, Phase two	C.2.4	

**Table C-1. Listing of Task-Specific Scope**

<b>Task: # RPTO-007 Non-DFLAW Electrical Projects</b>			
5	L-905, FARS and RFAR Replacement	C.2.5	
* The CWBS References for the Task will be referenced by the Contractor as part of its proposal. CWBS = Contract Work Breakdown Structure			

**C.2.1 L-707 Advanced Electrical Metering Procurement and Implementation**

**Scope and Requirements**

The contractor shall:

- Procure a new MDMS for the Hanford site. This will replace the obsolete Meter Reading and Billing System, Manual Meter Collection System, and Power Monitoring Expert software with contemporary software including an advanced metering infrastructure including all associated hardware, a meter data manager, and a customer information system.
- Procure two meters with automated reading capability for testing of the new software and the equipment needed to support a test lab for the meters.
- Develop a project execution plan to implement the new MDMS for the Hanford site.
- Implement the new MDMS for the Hanford site utilizing the project execution plan.

**Boundaries, Constraints, and Interfaces**

Boundaries & Constraints: None

Interfaces:

- Electrical Utilities

**C.2.2 Construction L-720 Outdoor Lighting Reconfiguration**

**Scope and Requirements**

The contractor shall:

- Implement the approved designs referenced in Table C-2 to construct the L-720 Outdoor Lighting Reconfiguration in accordance with DOE-Richland Operations Office (RL) requirements.

- Restore and preserve site lighting capabilities on the Central Plateau by Replacing legacy fixtures with higher efficiency light emitting diode (LED) fixtures, altering unlit areas with new high efficiency LED fixtures, and removing legacy 2.4 kV Restricted Output (R.O.) lighting fixtures where necessary.
- Comply with 200 East Area specifications including but not limited to the following:
  - Intersection at 2<sup>nd</sup> Street and Baltimore Avenue
    - Add pole and new LED fixture on northwest corner of intersection at 2<sup>nd</sup> St. and Baltimore Ave. and tie into new circuit on Baltimore Ave.
  - Intersection at Rote 3/20<sup>th</sup> Street and Route 3 North
    - Add pole and new Led fixture on southwest corner and tie into existing circuit to the northeast
  - Baltimore Avenue between 1<sup>st</sup> Street and 4<sup>th</sup> Street
    - Remove Legacy 2.4 kV R.O. series lighting on east side of Baltimore Ave. from 1<sup>st</sup> St. to Front St.
  - Intersection at 1<sup>st</sup> Street and Baltimore Ave.
    - Remove legacy 2.4 kV R.O. series lighting circuit on 1<sup>st</sup> St. west of Baltimore Ave. and across road to the north
    - Remove legacy 2.4 kV R.O. series lighting circuit east of intersection at 1<sup>st</sup> St. and Baltimore Ave.
    - Remove R.O. poles east of Baltimore Ave. and to the west on 1<sup>st</sup> St.
  - Intersection at Route 2 and North Landfill Road
    - Add new pole and LED fixture at south east corner or intersection
    - Installation of new 120/240V electrical service via road crossings under Route 3; up to approximately 1-m (3-ft) below the road prism
- Comply with 200 West Area specifications including but not limited to the following:
  - Remove legacy 2.4 kV R.O. series lighting circuit at the following locations:
    - 20<sup>th</sup> Street between Albany Ave. and Beloit Ave.
    - Beloit Ave. between 20<sup>th</sup> St. and 23<sup>rd</sup> St
    - 23<sup>rd</sup> St. between Beloit Ave. and Dayton Ave
    - 10<sup>th</sup> St. between Redox Rd. and End of Parking Area
    - Bright Ave. between 10<sup>th</sup> St. and Redox Rd.
    - Redox Rd.
    - Dayton Ave. between 27<sup>th</sup> St. and 16<sup>th</sup> St.
    - Intersection at Beloit Ave. and 20<sup>th</sup> St. as well as to the west of 20<sup>th</sup> St.
  - Intersections at 20<sup>th</sup> St. and Austin Ave.
    - Remove portion of circuit and fixture north of 20<sup>th</sup> St. and east of Austin Ave.
  - Intersection at Route 3/20<sup>th</sup> St. and Route 3 North

- Add pole and new LED fixture on southwest corner and tie into existing circuit to the northeast
- Intersection at Beloit Ave. and 10<sup>th</sup> St.
  - Remove legacy 2.4 kV R.O. series lighting circuit from Redox Rd. to Beloit and shut circuit
  - Add new pole and LED fixture on northwest corner
- Ensure all O&M documentation is available for system maintenance requirements as necessary

### **Boundaries, Constraints, and Interfaces**

Boundaries & Constraints:

- This project will require Excavation Permit(s) to be developed and approved.

Interfaces:

- Electrical Utilities

### **C.2.3 Construction L-801 Upgrade SCADA System**

#### **Scope and Requirements**

The contractor shall:

- Use the Project Execution Plan referenced in Table C-2 to construct the new Electrical utilities SCADA system in accordance with DOE-RL requirements for the following facilities: 251W (A8), 251E (A6), 152KE (A9), and 4842-A (451B) substations.
- Replace the following sub-systems, which combined complete the SCADA system:
  - Replacing the SCADA software package
  - Replacing the SCADA hardware (Remote Terminal Unit, Logger Printer, and computer hardware if necessary)
  - Replacing the SCADA Alarm Notification System (Auto Dialer)
  - Replacing the Dispatcher Mimic board Lamp Driver System

### **Boundaries, Constraints, and Interfaces**

Boundaries & Constraints: None

Interfaces:

- Electrical Utilities

### **C.2.4 Construction L-791 RFL Transfer Trip Upgrades, Phase two**

The contractor shall:

- Utilize the design referenced in Table C-2 to construct the RL Transfer Trip Upgrades, Phase two in accordance with DOE-RL requirements.

- Reconfigure the outdated transfer trip system using current industry standard components and methods, and provide a more reliable, dependable and faster responding system.
- Install A8 Pole line and relays.

**Boundaries, Constraints, and Interfaces**

Boundaries & Constraints: None

Interfaces:

- Electrical Utilities

**C.2.5 Construction L-905 FARS and RFAR Replacement**

The contractor shall:

- Install three new FACU systems to replace the current RFAR and FACU systems as designed in 506BA, MO413, and 2751E.
- Determine individual facility designs using Fire System engineers.
  - The replacement system will have two-way capabilities and the new FACUs will support wireless devices.

**Boundaries, Constraints, and Interfaces**

Boundaries & Constraints: None

Interfaces:

- Electrical Utilities

**C.3 Additional Supplemental Scope Information**

The Supplemental Information in Table C-2 below provides additional required information to be used for defining the scope of work performed under this Task Order.

**Table C-2. Supplemental Information**

Task Order Section	Supplemental Information
C.2.1	<ul style="list-style-type: none"> <li>• Policies, procedures, and standards applied should be consistent with those applied in PWS Section C.4.12.1 Engineering of the HMESC</li> </ul>
C.2.2	<ul style="list-style-type: none"> <li>• Policies, procedures, and standards applied should be consistent with those applied in PWS Section C.4.12.1 Engineering and C.4.12.6.7.6 Project Construction and Acceptance of the HMESC</li> <li>• DCN-L720-0001, 100% completed and approved design</li> </ul>
C.2.3	<ul style="list-style-type: none"> <li>• Policies, procedures, and standards applied should be consistent with those applied in PWS Section C.4.12.1</li> </ul>

**Table C-2. Supplemental Information**

Task Order Section	Supplemental Information
	Engineering and C.4.12.6.7.6 Project Construction and Acceptance of the HMESC <ul style="list-style-type: none"> <li>• HNF-61767, Project L-801 Upgrade SCADA Project Execution Plan</li> <li>• L-801 100 Percent Design</li> </ul>
C.2.4	<ul style="list-style-type: none"> <li>• Policies, procedures, and standards applied should be consistent with those applied in PWS Section C.4.12.1 Engineering and C.4.12.6.7.6 Project Construction and Acceptance of the HMESC</li> <li>• DCN-L791-001</li> </ul>
C.2.5	<ul style="list-style-type: none"> <li>• Policies, procedures, and standards applied should be consistent with those applied in PWS Section C.4.12.1 Engineering and C.4.12.6.7.6 Project Construction and Acceptance of the HMESC</li> <li>• L-905 Scope Document</li> </ul>

**Section D - Packaging and Marking**

Section D of the HMESC contract is incorporated by reference, as applicable to this Task Order.

**Section E - Inspection and Acceptance**

Section E of the HMESC contract is incorporated by reference, as applicable to this Task Order, except for E.1 below, which is also applicable.

**E.1 FAR 52.246-12 Inspection of Construction (AUG 1996)**

- (a) Definition. *Work* includes, but is not limited to, materials, workmanship, and manufacture and fabrication of components.
- (b) The Contractor shall maintain an adequate inspection system and perform such inspections as will ensure that the work performed under the contract conforms to contract requirements. The Contractor shall maintain complete inspection records and make them available to the Government. All work shall be conducted under the general direction of the Contracting Officer and is subject to Government inspection and test at all places and at all reasonable times before acceptance to ensure strict compliance with the terms of the contract.
- (c) Government inspections and tests are for the sole benefit of the Government and do not –
  - (1) Relieve the Contractor of responsibility for providing adequate quality control measures;
  - (2) Relieve the Contractor of responsibility for damage to or loss of the material before acceptance;

- (3) Constitute or imply acceptance; or
- (4) Affect the continuing rights of the Government after acceptance of the completed work under paragraph (i) below.
- (d) The presence or absence of a Government inspector does not relieve the Contractor from any contract requirement, nor is the inspector authorized to change any term or condition of the specification without the Contracting Officer's written authorization.
- (e) The Contractor shall promptly furnish, at no increase in contract price, all facilities, labor, and material reasonably needed for performing such safe and convenient inspections and tests as may be required by the Contracting Officer. The Government may charge to the Contractor any additional cost of inspection or test when work is not ready at the time specified by the Contractor for inspection or test, or when prior rejection makes reinspection or retest necessary. The Government shall perform all inspections and tests in a manner that will not unnecessarily delay the work. Special, full size, and performance tests shall be performed as described in the contract.
- (f) The Contractor shall, without charge, replace or correct work found by the Government not to conform to contract requirements, unless in the public interest the Government consents to accept the work with an appropriate adjustment in contract price. The Contractor shall promptly segregate and remove rejected material from the premises.
- (g) If the Contractor does not promptly replace or correct rejected work, the Government may –
  - (1) By contract or otherwise, replace or correct the work and charge the cost to the Contractor; or
  - (2) Terminate for default the Contractor's right to proceed.
- (h) If, before acceptance of the entire work, the Government decides to examine already completed work by removing it or tearing it out, the Contractor, on request, shall promptly furnish all necessary facilities, labor, and material. If the work is found to be defective or nonconforming in any material respect due to the fault of the Contractor or its subcontractors, the Contractor shall defray the expenses of the examination and of satisfactory reconstruction. However, if the work is found to meet contract requirements, the Contracting Officer shall make an equitable adjustment for the additional services involved in the examination and reconstruction, including, if completion of the work was thereby delayed, an extension of time.
- (i) Unless otherwise specified in the contract, the Government shall accept, as promptly as practicable after completion and inspection, all work required by the contract or that portion of the work the Contracting Officer determines can be accepted separately. Acceptance shall be final and conclusive except for latent defects, fraud, gross mistakes amounting to fraud, or the Government's rights under any warranty or guarantee.

## **Section F - Deliveries or Performance**

Section F of the HMESC contract is incorporated by reference, as applicable to this Task Order, with the exception of Clause F.3 *Period of Performance* of the HMESC, which is filled in and provided below as F.3 *Period of Performance*.

### **F.3 Period of Performance**

- (a) The Task Order period of performance shall be from January 25, 2021 through April 9, 2024.
- (b) The period of performance of this Task Order may be extended pursuant to unilateral options or other clauses that provide for the extension of the Contract. In the event that the Government elects to exercise its right pursuant to such options(s) or other clauses, the period of performance shall be revised to reflect such extensions.
- (c) The Contractor shall not be paid for work performed or costs incurred prior to the Task Order effective date. The Contractor is not authorized to proceed beyond the Task Order period of performance, nor will the Contractor be paid for any costs incurred beyond that period unless the Task Order is modified by the CO to extend the period of performance.

### **F.4 FAR 52.236-15 Schedules for Construction Contract (APR 1984)**

- (a) The Contractor shall, within five days after the work commences on the contract or another period of time determined by the Contracting Officer, prepare and submit to the Contracting Officer for approval three copies of a practicable schedule showing the order in which the Contractor proposes to perform the work, and the dates on which the Contractor contemplates starting and completing the several salient features of the work (including acquiring materials, plant, and equipment). The schedule shall be in the form of a progress chart of suitable scale to indicate appropriately the percentage of work scheduled for completion by any given date during the period. If the Contractor fails to submit a schedule within the time prescribed, the Contracting Officer may withhold approval of progress payments until the Contractor submits the required schedule.
- (b) The Contractor shall enter the actual progress on the chart as directed by the Contracting Officer, and upon doing so shall immediately deliver three copies of the annotated schedule to the Contracting Officer. If, in the opinion of the Contracting Officer, the Contractor falls behind the approved schedule, the Contractor shall take steps necessary to improve its progress, including those that may be required by the Contracting Officer, without additional cost to the Government. In this circumstance, the Contracting Officer may require the Contractor to increase the number of shifts, overtime operations, days of work, and/or the amount of construction plant, and to submit for approval any supplementary schedule or schedules in chart form as the Contracting Officer deems necessary to demonstrate how the approved rate of progress will be regained.
- (c) Failure of the Contractor to comply with the requirements of the Contracting Officer under this clause shall be grounds for a determination by the Contracting Officer that the Contractor is not prosecuting the work with sufficient diligence to ensure completion within the time specified in the contract. Upon making this determination, the Contracting Officer may

terminate the Contractor's right to proceed with the work, or any separable part of it, in accordance with the default terms of this contract.

**F.5 FAR 52.242-14 Suspension of Work (APR 1984)**

- (a) The Contracting Officer may order the Contractor, in writing, to suspend, delay, or interrupt all or any part of the work of this contract for the period of time that the Contracting Officer determines appropriate for the convenience of the Government.
- (b) If the performance of all or any part of the work is, for an unreasonable period of time, suspended, delayed, or interrupted (1) by an act of the Contracting Officer in the administration of this contract, or (2) by the Contracting Officer's failure to act within the time specified in this contract (or within a reasonable time if not specified), an adjustment shall be made for any increase in the cost of performance of this contract (excluding profit) necessarily caused by the unreasonable suspension, delay, or interruption, and the contract modified in writing accordingly. However, no adjustment shall be made under this clause for any suspension, delay, or interruption to the extent that performance would have been so suspended, delayed, or interrupted by any other cause, including the fault or negligence of the Contractor, or for which an equitable adjustment is provided for or excluded under any other term or condition of this contract.
- (c) A claim under this clause shall not be allowed –
  - (1) For any costs incurred more than 20 days before the Contractor shall have notified the Contracting Officer in writing of the act or failure to act involved (but this requirement shall not apply as to a claim resulting from a suspension order); and
  - (2) Unless the claim, in an amount stated, is asserted in writing as soon as practicable after the termination of the suspension, delay, or interruption, but not later than the date of final payment under the contract.

**Section G - Contract Administration Data**

Section G of the HMESC contract is incorporated by reference, as applicable to this Task Order.

In accordance with I.5, the Progress Payments shall be submitted on Standard Form 1443, Contractor's Request for Progress Payment, or the electronic equivalent as required by agency regulations, in accordance with the form instructions and the contract terms. The Progress payment shall include any additional supporting documentation requested by the Contracting Officer.

**Section H - Special Contract Requirements**

Section H of the HMESC contract is incorporated by reference, as applicable to this Task Order.

**Section I - Contract Clauses**

Section I of the HMESC contract is incorporated by reference, as applicable to this Task Order. The following Section I Clauses are also applicable and filled in as follows:

**Table I-1. Section I Clause Fill-Ins**

<b>Clause No.</b>	<b>FAR/DEAR Reference</b>	<b>Title</b>	<b>Fill-In Information; See FAR 52.104(d)</b>
I.1	52.215-10	Price Reduction for Defective Certified Cost or Pricing Data (Aug 2011)	Fill-In Not Applicable
I.2	52.215-12	Subcontractor Certified Cost or Pricing Data (Jun 2020)	Fill-In Not Applicable
I.3	52.229-4	Federal, State, and Local Taxes (Stand Local Adjustments Feb 2013)	Fill-In Not Applicable
I.4	52.232-5	Payments under Fixed Price Construction Contracts (May 2014)	Fill-In Not Applicable
I.5	52.232-16	Progress Payments (June 2020)	1) 30 <sup>th</sup> day
I.6	52.232-27	Prompt Payment for Construction Contracts (Jan 2017)	Fill-In Not Applicable
I.7	52.233-3	Protest After Award (Aug 1996)	Fill-In Not Applicable
I.8	52.236-1	Performance of Work by the Contractor (Apr 1984)	Twelve (12)
I.9	52.236-2	Differing Site Conditions (Apr 1984)	Fill-In Not Applicable
I.10	52.236-3	Site Investigation and Conditions Affecting the Work (Apr 1984)	Fill-In Not Applicable
I.11	52.236-6	Superintendence by the Contractor (Apr 1984)	Fill-In Not Applicable
I.12	52.236-8	Other Contracts (Apr 1984)	Fill-In Not Applicable

I.13	52.236-9	Protection of Existing Vegetation, Structures, Equipment, Utilities, and Improvements (Apr 1984)	Fill-In Not Applicable
I.14	52.236-10	Operations and Storage Areas (Apr 1984)	Fill-In Not Applicable
I.15	52.236-11	Use and Possession Prior to Completion (Apr 1984)	Fill-In Not Applicable
I.16	52.236-12	Cleaning Up (Apr 1984)	Fill-In Not Applicable
I.17	52.236-13	Accident Prevention (Nov 1991)	Fill-In Not Applicable
I.18	52.236-17	Layout of Work (Apr 1984)	Fill-In Not Applicable
I.19	52.236-21	Specification and Drawings for Construction (Feb 1997) - Alt I	Fill-In Not Applicable
I.20	52.243-4	Changes (June 2007)	Fill-In Not Applicable
I.21	52.246-26	Reporting Nonconforming Items (June 2020)	Fill-In Not Applicable
I.22	52.249-10	Default (Fixed Price Construction) (Apr 1984) - Alt II & Alt III	Fill-In Not Applicable
DEAR = Department of Energy Acquisition Regulation      FAR = Federal Acquisition Regulation			

This task order incorporates one or more clauses, by reference, as indicated in the matrix above.

### **Section J - List of Documents, Exhibits, and Other Attachments**

Section J of the HMESC contract is incorporated by reference, as applicable to this Task Order, with the exception of the following, which are hereby incorporated in this Task Order.

#### **J.10 Task Order Deliverables**

The following list of Deliverables are required for this Task Order.

**Task Order 12 – L-707**

Deliverable Number	Deliverable	DOE		Deliverable Due Date	Task Order Section
		Action	Response Time*		
1	Subcontractor schedules and method of progress verification	Review	N/A	30 days after day 1	C.2.1
2	Monthly Progress Report	Review	N/A	2 weeks after monthly financial cutoff	C.2.1
3	Construction Completion Document at Completion	Approve	N/A	Dec. 29, 2022	C.2.1

**Task Order 12 – L-720**

Deliverable Number	Deliverable	DOE		Deliverable Due Date	Task Order Section
		Action	Response Time*		
1	Subcontractor schedules and method of progress verification	Review	N/A	30 days after day 1	C.2.2
2	Monthly Progress Report	Review	N/A	2 weeks after monthly financial cutoff	C.2.2
3	Construction Completion Document at Completion	Approve	N/A	Dec. 21, 2021	C.2.2

**Task Order 12 – L-801**

Deliverable Number	Deliverable	DOE		Deliverable Due Date	Task Order Section
		Action	Response Time*		
1	Subcontractor schedules and method of progress verification	Review	N/A	30 days after day 1	C.2.3
2	Monthly Progress Report	Review	N/A	2 weeks after monthly financial cutoff	C.2.3
3	Final Report for Total Project Operation Acceptance Test (OAT)	Review	N/A	Sept. 30, 2021	C.2.3
4	CCD at Completion	Approve	N/A	Nov. 1, 2021	C.2.3

**Task Order 12 – L-791**

Deliverable Number	Deliverable	DOE		Deliverable Due Date	Task Order Section
		Action	Response Time*		
1	Subcontractor schedules and method of progress verification	Review	N/A	30 days after day 1	C.2.4
2	Monthly Progress Report	Review	N/A	2 weeks after monthly financial cutoff	C.2.4
3	CCD at Completion	Approve	N/A	January 25, 2024	C.2.4

**Task Order 12 – L-905**

Deliverable Number	Deliverable	DOE		Deliverable Due Date	Task Order Section
		Action	Response Time*		
1	Subcontractor schedules and method of progress verification	Review	N/A	30 days after day 1	C.2.5
2	Monthly Progress Report	Review	N/A	2 weeks after monthly financial cutoff	C.2.5
3	CCD at Completion	Approve	N/A	Mar. 24, 2021	C.2.5

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## **Appendix A - Supplemental Information for Section C**

Please use the supplemental information in the Sharepoint link below. All documents referenced will be in the Sharepoint link below.

<https://hanfordsite.sharepoint.com/sites/DOE-PM-Legacy/SitePages/Home.aspx>

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**Appendix B – Task Order RPTO-007 Proposal Preparation Instructions –  
Firm-Fixed Price Proposal**

**1. Instructions: Task Order RPTO-007 Firm-Fixed Price Proposal**

The Contractor shall respond to this request for proposal (RFP) within 60 days of receipt.

Solicitation provisions in L.1 of the HMESC RFP are incorporated by reference as applicable to this task, except for additional solicitation provisions identified below.

<b>FAR/DEAR Reference</b>	<b>Title</b>	<b>Fill-In Information; See FAR 52.104(d)</b>
52.215-20	Requirements for Certified Cost or Pricing Data and Other than Certified Cost or Pricing Data (Oct 2010)	Fill-In Not Applicable
DEAR = Department of Energy Acquisition Regulation		FAR = Federal Acquisition Regulation

The Contractor’s task proposal for Firm-Fixed-Price Task Orders shall include:

- (1) Date of commencement of work and any necessary revision to the schedule of performance stipulated by the Government.
- (2) A total firm-fixed price for the completion of the work described in the PWS of the task order by the schedule of performance stipulated by the Government. The firm-fixed price proposed by the Contractor shall incorporate all anticipated costs including fully-burdened labor, travel, and other direct costs.
- (3) A detailed technical approach on the PWS elements and sufficient detail to demonstrate the completeness, feasibility, and effectiveness of the Offeror’s technical approach.
- (4) All assumptions impacting the Offeror’s proposal.
- (5) Additionally, the contractor shall prepare its Task Order Proposal in accordance with the instructions in paragraphs (a) through (h):
  - (a) The contractor shall propose in accordance with FAR Table 15.2 with applicable breakdown of costs.
  - (b) The rates and pricing proposed by the contractor shall be in alignment with awarded HMESC proposal and/or current provisionally approved forward pricing rates consistent with FAR 15.
  - (c) The Offeror shall utilize the assumptions included within the RFP in Appendix C and the Supplemental Information contained within this Task Order when preparing its cost estimate. Proposed costs and fee shall be on a Government fiscal year (GFY) basis from October 1 through September 30. Costs shall be proposed in FY21 dollars (October 1, 2020, through September 30, 2021)

- (d) The Offeror shall not propose a fee percentage that exceeds the fee percentage in Section B.5(b) of this Task Order.
- (e) Contractor shall provide a Primavera P6 (P6), “.XER” file type integrated resource-loaded schedule that identifies the time phasing of work for this Task Order. The schedule shall include the activities necessary to achieve the Task Order at a resource level. The integrated schedule shall include all defined scope of work in this Task Order, with the consideration to the constraints identified in Appendix C – Cost Assumptions.
- (f) Proposal – The Offeror shall provide narrative support sufficient to explain the development of the costs/prices proposed for this Task Order in accordance with FAR Table 15.2, *Instructions for Submitted Cost/Price Proposal When Certified Cost or Pricing Data are Required*:

*I. General Instructions*

- A. You must provide the following information on the first page of your pricing proposal:
  - (1) Solicitation, contract, and/or modification number;
  - (2) Name and address of offeror;
  - (3) Name and telephone number of point of contact;
  - (4) Name of contract administration office (if available);
  - (5) Type of contract action (that is, new contract, change order, price revision/redetermination, letter contract, unpriced order, or other);
  - (6) Proposed cost; profit or fee; and total;
  - (7) Whether you will require the use of Government property in the performance of the contract, and, if so, what property;
  - (8) Whether your organization is subject to cost accounting standards; whether your organization has submitted a CASB Disclosure Statement, and if it has been determined adequate; whether you have been notified that you are or may be in noncompliance with your Disclosure Statement or CAS (other than a noncompliance that the cognizant Federal agency official has determined to have an immaterial cost impact), and, if yes, an explanation; whether any aspect of this proposal is inconsistent with your disclosed practices or applicable CAS, and, if so, an explanation; and whether the proposal is consistent with your established estimating and accounting principles and procedures and FAR Part 31, Cost Principles, and, if not, an explanation;

- (9) The following statement: This proposal reflects our estimates and/or actual costs as of this date and conforms with the instructions in FAR 15.403-5(b)(1) and Table 15-2. By submitting this proposal, we grant the Contracting Officer and authorized representative(s) the right to examine, at any time before award, those records, which include books, documents, accounting procedures and practices, and other data, regardless of type and form or whether such supporting information is specifically referenced or included in the proposal as the basis for pricing, that will permit an adequate evaluation of the proposed price.
  - (10) Date of submission; and
  - (11) Name, title, and signature of authorized representative.
- B. In submitting your proposal, you must include an index, appropriately referenced, of all the certified cost or pricing data and information accompanying or identified in the proposal. In addition, you must annotate any future additions and/or revisions, up to the date of agreement on price, or an earlier date agreed upon by the parties, on a supplemental index.
- C. As part of the specific information required, you must submit, with your proposal—
- (1) Certified cost or pricing data (as defined at FAR 2.101). You must clearly identify on your cover sheet that certified cost or pricing data are included as part of the proposal.
  - (2) Information reasonably required to explain your estimating process, including—
    - (i) The judgmental factors applied and the mathematical or other methods used in the estimate, including those used in projecting from known data; and
    - (ii) The nature and amount of any contingencies included in the proposed price.
- D. You must show the relationship between line item prices and the total contract price. You must attach cost-element breakdowns for each proposed line item, using the appropriate format prescribed in the “Formats for Submission of Line Item Summaries” section of this table. You must furnish supporting breakdowns for each cost element, consistent with your cost accounting system.
- E. When more than one line item is proposed, you must also provide summary total amounts covering all line items for each element of cost.

- F. Whenever you have incurred costs for work performed before submission of a proposal, you must identify those costs in your cost/price proposal.
- G. If you have reached an agreement with Government representatives on use of forward pricing rates/factors, identify the agreement, include a copy, and describe its nature.
- H. As soon as practicable after final agreement on price or an earlier date agreed to by the parties, but before the award resulting from the proposal, you must, under the conditions stated in FAR 15.406-2, submit a Certificate of Current Cost or Pricing Data.

## *II. Cost Elements*

Depending on your system, you must provide breakdowns for the following basic cost elements, as applicable:

- A. *Materials and services.* Provide a consolidated priced summary of individual material quantities included in the various tasks, orders, or line items being proposed and the basis for pricing (vendor quotes, invoice prices, etc.). Include raw materials, parts, components, assemblies, and services to be produced or performed by others. For all items proposed, identify the item and show the source, quantity, and price. Conduct price analyses of all subcontractor proposals. Conduct cost analyses for all subcontracts when certified cost or pricing data are submitted by the subcontractor. Include these analyses as part of your own certified cost or pricing data submissions for subcontracts expected to exceed the appropriate threshold in FAR 15.403-4. Submit the subcontractor certified cost or pricing data and data other than certified cost or pricing data as part of your own certified cost or pricing data as required in paragraph IIA(2) of this table. These requirements also apply to all subcontractors if required to submit certified cost or pricing data.
  - (1) *Adequate Price Competition.* Provide data showing the degree of competition and the basis for establishing the source and reasonableness of price for those acquisitions (such as subcontracts, purchase orders, material order, etc.) exceeding, or expected to exceed, the appropriate threshold set forth at FAR 15.403-4 priced on the basis of adequate price competition. For interorganizational transfers priced at other than the cost of comparable competitive commercial work of the division, subsidiary, or affiliate of the contractor, explain the pricing method (see FAR 31.205-26(e)).
  - (2) *All Other.* Obtain certified cost or pricing data from prospective sources for those acquisitions (such as subcontracts, purchase orders, material order, etc.) exceeding the threshold set forth in FAR 15.403-4 and not otherwise exempt, in accordance with FAR 15.403-1(b) (*i.e.*, adequate price competition,

commercial items, prices set by law or regulation or waiver). Also provide data showing the basis for establishing source and reasonableness of price. In addition, provide a summary of your cost analysis and a copy of certified cost or pricing data submitted by the prospective source in support of each subcontract, or purchase order that is the lower of either \$13.5 million or more, or both more than the pertinent certified cost or pricing data threshold and more than 10 percent of the prime contractor's proposed price. Also submit any information reasonably required to explain your estimating process (including the judgmental factors applied and the mathematical or other methods used in the estimate, including those used in projecting from known data, and the nature and amount of any contingencies included in the price). The Contracting Officer may require you to submit cost or pricing data in support of proposals in lower amounts. Subcontractor certified cost or pricing data must be accurate, complete and current as of the date of final price agreement, or an earlier date agreed upon by the parties, given on the prime contractor's Certificate of Current Cost or Pricing Data. The prime contractor is responsible for updating a prospective subcontractor's data. For standard commercial items fabricated by the offeror that are generally stocked in inventory, provide a separate cost breakdown, if priced based on cost. For interorganizational transfers priced at cost, provide a separate breakdown of cost elements. Analyze the certified cost or pricing data and submit the results of your analysis of the prospective source's proposal. When submission of a prospective source's certified cost or pricing data is required as described in this paragraph, it must be included as part of your own certified cost or pricing data. You must also submit any data other than certified cost or pricing data obtained from a subcontractor, either actually or by specific identification, along with the results of any analysis performed on that data.

- B. *Direct Labor*. Provide a time-phased (e.g., monthly, quarterly, etc.) breakdown of labor hours, rates, and cost by appropriate category, and furnish bases for estimates.
- C. *Indirect Costs*. Indicate how you have computed and applied your indirect costs, including cost breakdowns. Show trends and budgetary data to provide a basis for evaluating the reasonableness of proposed rates. Indicate the rates used and provide an appropriate explanation.
- D. *Other Costs*. List all other costs not otherwise included in the categories described above (e.g., special tooling, travel, computer and consultant services, preservation, packaging and packing, spoilage and rework, and Federal excise tax on finished articles) and provide bases for pricing.
- E. *Royalties*. If royalties exceed \$1,500, you must provide the following information on a separate page for each separate royalty or license fee:

(1) Name and address of licensor.

- (2) Date of license agreement.
  - (3) Patent numbers.
  - (4) Patent application serial numbers, or other basis on which the royalty is payable.
  - (5) Brief description (including any part or model numbers of each contract item or component on which the royalty is payable).
  - (6) Percentage or dollar rate of royalty per unit.
  - (7) Unit price of contract item.
  - (8) Number of units.
  - (9) Total dollar amount of royalties.
  - (10) If specifically requested by the Contracting Officer, a copy of the current license agreement and identification of applicable claims of specific patents (see FAR 27.202 and 31.205-37).
- (g) DOE or its cognizant audit entity may request additional supporting information for purposes of clarification.
- (h) The Offeror shall not propose cost for Government-Furnished Property for use during the performance of this Contract.

## **2. Evaluation Factors for Award**

The Government intends to issue a task order that meets the task order requirements at a fair and reasonable price. There are no options to be evaluated for this task order.

### **Appendix C – Cost Assumptions**

<b>Task Section</b>	<b>Assumptions</b>
C.2.3	100% design is completed and approved for Project L-720 Outdoor Lighting Reconfiguration
C.2.4	100% design is completed and approved for Project L-801 Upgrade SCADA