

Purpose of Modification:

The purpose of this modification is to make the following changes:

1. Update Contract Section B, *Supplies or Services and Prices/Costs*, to obligate incremental funding provided under Purchase Requisition Number 20EM001725. Incremental funding is obligated as follows:

| Description | Control Point | Local Use Code | Appropriation Year | Funded Amount |
|--------------|---------------|----------------|--------------------|-------------------------|
| LAW Baseline | 1111710 | 0421573 | 2014 | \$195,490.56 |
| LAW Baseline | 1111710 | 0421573 | 2015 | \$12,127.47 |
| LAW Baseline | 1111710 | 0421573 | 2016 | \$84,873.82 |
| LAW Baseline | 1111710 | 0421573 | 2017 | \$132,191.29 |
| LAW Baseline | 1111710 | 0421573 | 2018 | \$95,283.38 |
| LAW Baseline | 1111710 | 0421573 | 2019 | \$193,184.25 |
| LAW Baseline | 1111710 | 0421573 | 2020 | \$63,277,806.23 |
| LAB Baseline | 1111710 | 0421574 | 2020 | \$20,890,720.00 |
| BOF Baseline | 1111710 | 0421575 | 2020 | \$34,273,478.00 |
| EMF Baseline | 1111711 | 0421586 | 2020 | \$26,193,483.00 |
| HLW Baseline | 1111714 | 0421587 | 2013 | \$60.43 |
| HLW Baseline | 1111714 | 0421587 | 2014 | \$247,489.96 |
| HLW Baseline | 1111714 | 0421587 | 2015 | \$7,501.86 |
| HLW Baseline | 1111714 | 0421587 | 2016 | \$10,227.95 |
| HLW Baseline | 1111714 | 0421587 | 2017 | \$27,713.19 |
| HLW Baseline | 1111714 | 0421587 | 2018 | \$27,077.34 |
| HLW Baseline | 1111714 | 0421587 | 2019 | \$202,275.92 |
| HLW Baseline | 1111714 | 0421587 | 2020 | \$1,931,357.35 |
| PT Baseline | 1111716 | 0421588 | 2012 | \$11,068.48 |
| PT Baseline | 1111716 | 0421588 | 2014 | \$5,762.15 |
| PT Baseline | 1111716 | 0421588 | 2015 | \$32,836.29 |
| PT Baseline | 1111716 | 0421588 | 2016 | \$51,389.32 |
| PT Baseline | 1111716 | 0421588 | 2017 | \$42,373.80 |
| PT Baseline | 1111716 | 0421588 | 2018 | \$9,996.07 |
| PT Baseline | 1111716 | 0421588 | 2019 | \$32,141.96 |
| PT Baseline | 1111716 | 0421588 | 2020 | \$991,594.93 |
| LAW Fee | 1111712 | 0421573 | 2020 | \$6,896,701.00 |
| LAB Fee | 1111712 | 0421574 | 2020 | \$619,299.00 |
| BOF Fee | 1111712 | 0421575 | 2020 | \$3,000,000.00 |
| HLW Fee | 1111715 | 0421587 | 2020 | \$1,911,705.00 |
| PT Fee | 1111717 | 0421588 | 2020 | \$970,657.00 |
| | | | Total | \$162,377,867.00 |

Description of Modification:

1. The table in Section B, *Supplies or Services and Prices/Costs*, Contract Section B.3 *Obligation and Availability of Funds and Contract Value*, paragraph (a) is revised as follows:
 - The total amount of funds obligated to LAW Baseline 1111710 - 0421573 is increased by \$63,990,957.00 from \$685,954,117.00 to \$749,945,074.00.
 - The total amount of funds obligated to LAB Baseline 1111710 - 0421574 is increased by \$20,890,720.00 from \$89,682,280.00 to \$110,573,000.00.
 - The total amount of funds obligated to BOF Baseline 1111710 - 0421575 is increased by \$34,273,478.00 from \$322,178,004.77 to \$356,451,482.77.
 - The total amount of funds obligated to EMF Baseline 1111711 - 0421586 is increased by \$26,193,483.00 from \$522,733,517.00 to \$548,927,000.00.
 - The total amount of funds obligated to HLW Baseline 1111714 - 0421587 is increased by \$2,453,704.00 from \$122,767,699.00 to \$125,221,403.00.
 - The total amount of funds obligated to PT Baseline 1111716 - 0421588 is increased by \$1,177,163.00 from \$40,170,413.80 to \$41,347,576.80.
 - The total amount of funds obligated to LAW Fee 1111712 - 0421573 is increased by \$6,896,701.00 from \$91,626,594.00 to \$98,523,295.00.
 - The total amount of funds obligated to LAB Fee 1111712 - 0421574 is increased by \$619,299.00 from \$15,476,701.00 to \$16,096,000.00.
 - The total amount of funds obligated to BOF Fee 1111712 - 0421575 is increased by \$3,000,000.00 from \$13,346,714.00 to \$16,346,714.00.
 - The total amount of funds obligated to HLW Fee 1111715 - 0421587 is increased by \$1,911,705.00 from \$2,371,295.00 to \$4,283,000.00.
 - The total amount of funds obligated to PT Fee 1111717 - 0421588 is increased by \$970,657.00 from \$3,429,343.00 to \$4,400,000.00.
 - The total funding obligated to the Budgetary Control Points, is increased by \$162,377,867.00 from \$12,824,640,120.37 to \$12,987,017,987.37.

- The total funding obligated to the Budgetary Control Points, including Program Direction funding, is increased by \$162,377,867.00 from \$12,827,130,120.37 to \$12,989,507,987.37.
- The total funding obligated to the Budgetary Control Points, including Program Direction, Inter-Entity Work Order Funding and Request for Service Funding, is increased by \$162,377,867.00 from \$12,913,065,418.72 to \$13,075,443,285.72.

2. The table in Section B, *Supplies or Services and Prices/Costs*, Contract Section B.3 *Obligation and Availability of Funds and Contract Value*, paragraph (a), is deleted in its entirety and replaced in full as follows:

| BUDGETARY CONTROL POINTS FOR WTP PROJECT | | | | |
|---|-----------------------------|------------------------------------|-------------------------|----------------------------|
| Description | Appropriation Symbol | B&R No. (Control Point) | Local Use Code | Budget Authority |
| | 1250 | 1110401 | | \$3,006,205,907.70 |
| LAW | 1250 | 1111183 | | \$637,537,062.71 |
| LAB | 1250 | 1111184 | | \$207,817,505.32 |
| BOF | 1250 | 1111185 | | \$261,722,260.48 |
| HLW | 1250 | 1111186 | | \$559,580,100.04 |
| PT | 1250 | 1111187 | | \$840,766,807.09 |
| LAW | 1250 and 1260 | 1111241 | | \$1,691,548,709.50 |
| DFLAW | 1250 and 1260 | 1111243 | | \$157,063,073.13 |
| LAB | 1250 and 1260 | 1111242 | | \$349,312,452.11 |
| BOF | 1250 and 1260 | 1111243 | | \$648,031,980.05 |
| HLW | 1250 and 1260 | 1111244 | | \$1,029,273,076.81 |
| PT | 1250 and 1260 | 1111245 | | \$1,526,044,506.86 |
| LAW Baseline | 1260 | 1111710 | 0421573 | \$749,945,074.00 |
| LAB Baseline | 1260 | 1111710 | 0421574 | \$110,573,000.00 |
| BOF Baseline | 1260 | 1111710 | 0421575 | \$356,451,482.77 |
| EMF Baseline | 1260 | 1111711 | 0421586 | \$548,927,000.00 |
| HLW Baseline | 1260 | 1111714 | 0421587 | \$125,221,403.00 |
| PT Baseline | 1260 | 1111716 | 0421588 | \$41,347,576.80 |
| LAW Fee | 1260 | 1111712 | 0421573 | \$98,523,295.00 |
| LAB Fee | 1260 | 1111712 | 0421574 | \$16,096,000.00 |
| BOF Fee | 1260 | 1111712 | 0421575 | \$16,346,714.00 |
| HLW Fee | 1260 | 1111715 | 0421587 | \$4,283,000.00 |
| PT Fee | 1260 | 1111717 | 0421588 | \$4,400,000.00 |
| Subtotal - Budgetary Controls Points for WTP Project thru Contract Modification No. 484 | | | | \$12,987,017,987.37 |
| BUDGETARY CONTROL POINTS FOR PROGRAM DIRECTION | | | | |
| Description | Appropriation Symbol | B&R No. (Control Point) | Budget Authority | |
| PD | 1250 | 1110462 | \$1,280,000.00 | |
| PD | 1250 | 1110458 | \$1,210,000.00 | |
| Subtotal - Budgetary Controls Points, including Project Direction, thru Contract | | | | \$12,989,507,987.37 |

| Modification No. 484 | | |
|---|--------------------|----------------------------|
| INTER-ENTITY WORK ORDER FUNDING | | |
| IEWO Identification Numbers | IEWO Amendment No. | Funding |
| M0SRLE60 Funding (SRNS/SRNL) | 40 | \$73,957,217.82 |
| M0SRV00028 Funding (SRNS) | 43 | \$7,056,600.30 |
| M0SRV00036 Funding (WSRC) | 3 | \$69,807.36 |
| M0SRV00042 Funding (ORNL) | 2 | \$27,599.05 |
| M0IDV00061 Funding (BEA) | 1 | \$21,277.60 |
| M0ORV00088 Funding (ORNL) | 2 | \$150,848.30 |
| M0NSV00089 Funding (SNL) | 1 | \$18,030.68 |
| M0SRV00105 Funding (SRNS) | 10 | \$4,207,471.24 |
| M0FTV00117 Funding (NETL) | 4 | \$410,000.00 |
| Total - IEWO Funding 442 | | \$85,918,852.35 |
| REQUEST FOR SERVICE FUNDING | | |
| RFS Number | Supplement No. | Funding |
| M14009 Funding (MSA) | 0 | \$16,446.00 |
| Total – RFS Funding 367 | | \$16,446.00 |
| Total Budgetary Control Points for WTP Project 484 | | \$13,075,443,285.72 |

BEA = Battelle Energy Alliance SRNL = Savannah River National Laboratory.
NETL = National Energy Technology Laboratory. SRNS = Savannah River Nuclear Solutions.
ORNL = Oak Ridge National Laboratory. WSRC = Washington Savannah River Company.

3. All other terms and conditions remain unchanged.

(End of Modification)