SECTION J - ATTACHMENT 13

SUMMARY OF CONTRACT DELIVERABLES

The table below, Summary of Contract Deliverables, summarizes the specific products the Contractor shall submit to the DOE, the type of action DOE will perform, and the date/timeframe that the Contractor shall submit the product.

Deliverables are considered work scope endpoints, work scope completions, products, reports or commitments that shall be delivered to DOE. The types of DOE action are defined as:

- Approve – The Contractor shall provide the deliverable to DOE for review and approval. Contractor is responsible for obtaining DOE approval. The initial deliverable shall be of sufficient quality, depth, thoroughness, and format to support DOE approval. For some deliverables DOE has identified the initial deliverable date in order to more efficiently plan the appropriate review cycle. DOE will review the deliverable and provide comments. DOE comments will be discussed with the Contractor and the Contractor shall provide written responses. The Contractor shall revise the documents to satisfactorily address all DOE comments. Once DOE approves a deliverable or document, the Contractor shall place it under change control and shall make no changes to that document without further DOE approval.

- Concurrence – The Contractor shall provide the deliverable to DOE for concurrence. The deliverable shall be of sufficient quality, depth, thoroughness, and format to support DOE concurrence. DOE will review the deliverable and concur or provide comments to the contractor. DOE comments will be discussed with the Contractor and the Contractor shall revise the deliverable. When the deliverable is required to be submitted to a regulatory agency, DOE will provide concurrence that the document may be submitted to the agencies.

- Information – The Contractor shall provide the deliverable to DOE for information purposes. DOE will have the option of reviewing the information and providing comments. Contractor shall respond to all written comments.

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

All deliverables shall be provided to DOE in searchable electronic format (e.g. PDF) in addition to hardcopy. Letters shall be provided to DOE in an editable electronic format (e.g. Microsoft Word). Deliverables shall be provided in editable electronic format when specified or requested.

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
1.	EM.PA.0040.A001.06	Operational Responsibility Acceptance Declaration	Information	Within 120 days after NTP
2.	EM.PA.0040.A001.06.DR.02	Contractor Executive Summary website	Information	Within 48 hours after NTP
3.	EM.PA.0040.A001.06.DR.01	Transition Plan	Approval	Within 15 days after NTP
4.	EM.PA.0040.A001.06.DR.02	Transition Status Reports	Information	weekly until transition is completed
5.	EM.PA.0040.A001.06.DR.03	Environmental Compliance Review	Information	Within 60 days after NTP
6.	EM.PA.0040.A001.06.DR.04	Material Difference Statement	Information	Within 60 days after NTP
7.	EM.PA.0040.A001.06.DR.01	Modification of all existing regulatory permits to reflect new Contractor	Information	As stipulated by regulation, statute, law, or permit requirements AND prior to conclusion of Transition
8.	EM.PA.0011.A001.01.DR.02	PCB mitigation plan	Information	Within 30 days after Transition is complete
9.	EM.PA.0011.A001.01.DR.02	U.S. EPA approval to discontinue quarterly air quality reporting or monitoring	Information	Within 180 days after Transition is complete
10.	EM.PA.0011.A001.01.DR.02	UE TSCA FFCA Annual Compliance Agreement Report to the EPA	Approval	Annually initial Due Date June 1, Final for DOE signature by June 23, Due to regulators July 1
11.	EM.PA.0011.A001.01.DR.02	UE TSCA FFCA Quarterly Compliance Agreement Report	Approval	Initial Feb 1, May 1, August 1, November 1 Final Feb 15, May 15, August 15 November 15

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
12.	EM.PA.0020.A001.03.DR.01	Submit the Protective Force SSP section to the ODSA	Information	Within 90 days after NTP and Annually thereafter in a schedule agreed to by the ODSA
13.	EM.PA.0020.A001.03.DR.01	Successfully complete Initial Survey	Approval	At least 30 days prior to the end of Transition Period
14.	EM.PA.0020.A001.03.DR.02	Submit Self-assessments Report of Protective Force program and resulting corrective action plans	Information	Within 12 months after conclusion of Transition and Annually thereafter
15.	EM.PA.0020.A001.03.DR.02	Submit SPO overtime hours report	Information	Quarterly after Transition – by the 28th day of the following quarter.
16.	EM.PA.0020.A001.03.DR.02	Submit Pro Force Qualifications Data	Information	March 25th and September 24th Annually.
17.	EM.PA.0020.A001.03.DR.02	Submit Workplace Violence and Active Shooter Training Reports	Information	Annually
18.	EM.PA.0020.A001.03.DR.02	Submit Force on Force After Action Reports	Information	Within 45 days after Force on Force Action
19.	EM.PA.0020.A001.03.DR.02	Submit Cooperative Agreements with Non-DOE Law Enforcement Agencies	Information	Annually
20.	EM.PA.0020.A001.03.DR.02	Submit Security and Emergency Management Performance Metrics Reports	Information	Quarterly
21.	EM.PA.0020.A001.03.DR.03.01	Submit Firing Range 30% Design Package	Information	October 30, 2017
22.	EM.PA.0020.A001.03.DR.03.01	Submit Firing Range 60% Design	Information	December 15, 2017

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
		Package		
23.	EM.PA.0020.A001.03.DR.03.01	Submit Firing Range 90 % Design Package	Information	January 31, 2018
24.	EM.PA.0020.A001.03.DR.03.01	Submit Firing Range Certified for Construction Package	Approval	March 15, 2018
25.	EM.PA.0020.A001.03.DR.03.02	Submit LA Islands 50% Design Package	Information	December 31, 2018
26.	EM.PA.0020.A001.03.DR.03.02	Submit LA Islands 90 % Design Package	Information	March 31, 2019
27.	EM.PA.0020.A001.03.DR.03.02	Submit LA Islands Certified for Construction Package	Approval	May 31, 2019
28.	EM.PA.0020.A001.03.DR.03.02	Submit C-300, C-710 Barrier Lab, and C-720 Seal Shop LA Strategy Report	Approval	Within 120 days after NTP
29.	EM.PA.0020.A001.03.DR.03.03	Submit Training Center 30% Design Package	Information	January 25, 2022
30.	EM.PA.0020.A001.03.DR.03.03	Submit Training Center 60% Design Package	Information	March 31, 2022
31.	EM.PA.0020.A001.03.DR.03.03	Submit Training Center 90 % Design Package	Information	May 31, 2022
32.	EM.PA.0020.A001.03.DR.03.03	Submit Training Center Certified for Construction Package	Approval	July 31, 2022
33.	EM.PA.0040.A001.01.DR.01	FFA Semiannual Progress Report	Approval	Initial Due 4/7, 11/7 Final Due for signature 4/25, 11/25
34.	EM.PA.0040.A001.01.DR.01	Review and revise Environmental	Information	Annually

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
		Radiological Protection Program (ERPP)		
35.	EM.PA.0040.A001.01.DR.01	Review and revise National Emission Standards for Hazardous Air Pollutants (NESHAPs) Management Plan	Information	As Needed
36.	EM.PA.0040.A001.07.DR.02.02	Site Management Plan Annual Updates	Approval	Annually Initial Due 10/15 Final Due for signature 11/10
37.	EM.PA.0040.A001.01.DR.01	Annual Report on External Gamma Radiation Monitoring	Information	Annually to DOE by March 31
38.	EM.PA.0040.A001.01.DR.01	Water Policy License Agreements	Signed Agreement to DOE for Signature	Mail to residents at least 90 days prior to expiration for signature and to DOE at least 30 days prior to expiration
39.	EM.PA.0040.A001.01.DR.01	Residential data reports	DOE approval and DOE submittal to residents	Due to Resident within 90 days from receipt of data. Draft due to DOE within 60 days from receipt of data.
40.	EM.PA.0040.A001.01.DR.01	Water Policy Annual Due Diligence	Information	Due by November 15, annually
41.	EM.PA.0040.A001.01.DR.01	Kentucky Fish and Wildlife License Agreements	Approval	Provide initial for DOE review at least 120 days prior to expiration or as needed
42.	EM.PA.0040.A001.01.DR.01	Environmental Monitoring Plan	Approval	Annually to DOE NLT September 1, updated as needed.

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
43.	EM.PA.0040.A001.01.DR.01	Groundwater Protection Plan	DOE Concurrence; Regulator Information	Every 3 years
44.	EM.PA.0040.A001.01.DR.01	Work in SWMU Notifications	Approval	As needed – Provide via email to DOE Paducah Site Office
45.	EM.PA.0040.A001.01.DR.01	CERCLA Five Year Remedy Review	DOE Approval; Regulator Approval	Every 5 years D2 document must be approved by FFA parties NLT 12/30/2018. Initial due to DOE on 4/1/2018 Final D1 for Certification on 6/1/18
46.	EM.PA.0040.A001.01.DR.01	Annual Site Treatment Plan Update and Waste Minimization Progress Report	DOE Concurrence; Regulator Approval	Initial to DOE by March 1, Annually by March 31 to regulators
47.	EM.PA.0040.A001.01.DR.01	Annual Site Environmental Report	Approval	Initial due annually to DOE NLT June 1. Annually to the Public by October 1. A copy of the report (on CD) must be submitted to KDOW within 30 days of DOE's approval of the report per KPDES permit.
48.	EM.PA.0040.A001.01.DR.01	Annual Summary of Radionuclide Air Emissions (NESHAP Report)	DOE Concurrence; Regulator Approval	Annually to DOE by June 1 to support submittal to EPA by June 30
49.	EM.PA.0040.A001.01.DR.01	NEPA Planning Summary	Information	As requested – typically January each year
50.	EM.PA.0040.A001.01.DR.01	Annual Hazardous Chemical Inventory	DOE Certification;	Initial February 7 to DOE

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
		Report	Regulator Approval	Annually to the regulatory agencies NLT March 1
51.	EM.PA.0040.A001.01.DR.01	Annual Toxic Chemical Release Inventory (TRI Report)	DOE Certification; Regulator Approval	Initial June 1 to DOE Annually to the regulatory agencies NLT July 1
52.	EM.PA.0040.A001.01.DR.01	C-746-S/T &U Landfills Quarterly Operating Report	DOE Certification; Regulator Approval	Quarterly – to regulatory agencies NLT 1/15, 4/15, 7/15, 10/15 Initial due 1/5, 4/5, 7/5, 10/5
53.	EM.PA.0040.A001.01.DR.01	C-746-S/T Landfill Quarterly Groundwater Report	DOE Certification; Regulator Approval	Quarterly – to regulatory agencies NLT 2/28, 5/30, 8/30, 11/30 Initial due 2/7, 5/7, 8/7, and 11/7 Final for DOE Certification at least 5 days prior to regulatory due date
54.	EM.PA.0040.A001.01.DR.01	C-746-S/T Landfill Quarterly Groundwater Exceedance Report	DOE Concurrence; Regulator Approval	Quarterly – to the regulatory agencies via electronic mail - Within 48 hours of receipt of data, the data must be transmitted to regulators
55.	EM.PA.0040.A001.01.DR.01	C-746-U Landfill Groundwater Report	DOE Certification; Regulator Approval	Quarterly – to regulatory agencies NLT 2/28, 5/30, 8/30, 11/30 Initial due 2/7, 5/7, 8/7, and 11/7 Final for DOE Certification at least 5 days prior to regulatory due date

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
56.	EM.PA.0040.A001.01.DR.01	C-746-U Landfill Groundwater Exceedance Report	DOE Concurrence; Regulator Approval	Quarterly – to regulatory agencies via electronic mail - Within 48 hours of receipt of data, the data must be transmitted to regulators.
57.	EM.PA.0040.A001.01.DR.01	Annual C-746-U Landfill Survey	DOE Certification; Regulator Approval	Due to Regulators within 60 days from the date of survey – Due to DOE within 30 days after actual survey
58.	EM.PA.0040.A001.01.DR.01	C-404 Landfill Semi-annual Groundwater Monitoring Report, includes the exceedance report	DOE Certification; Regulator Approval	Semi-Annually – 5/30, 11/30 Initial 4/25 and 10/25 Final for Certification 10 days prior to regulatory due date
59.	EM.PA.0040.A001.01.DR.01	Monthly Kentucky Pollutant Discharge Elimination System Discharge Monitoring Report	Regulator Approval	Monthly – by the 28th day of the following month for which monitoring results were obtained
60.	EM.PA.0040.A001.01.DR.01	Quarterly Kentucky Pollutant Discharge Elimination System Discharge Monitoring Report	Regulator Approval	Quarterly – by the 28th day of the following the quarter for which monitoring results were obtained
61.	EM.PA.0040.A001.01.DR.01	Annual Discharge Monitoring Environmental Protection Agency Quality Assurance Study	DOE Certification; Regulator Approval	As required by the State DMR QA Coordinator Coordinate draft submittals with DOE based on regulator required submittal schedule
62.	EM.PA.0040.A001.01.DR.01	Spill Prevention Control, Countermeasures and Contingency Plans for Oil, Chemicals and Hazardous	DOE Concurrence; Regulator Information	Maintained and reviewed every 3 years

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
		Waste/Best Management Practices Plan		
63.	EM.PA.0040.A001.01.DR.01	Annual Hazardous Waste Report	DOE Certification; Regulator Approval	Initial annually to DOE NLT February 1. Annually to the regulatory agencies by March 1; final due to DOE for Certification at least 5 days ahead of due date.
64.	EM.PA.0040.A001.01.DR.01	Annual Hazardous Waste Assessment Return	DOE Certification; Regulator Approval	Initial annually to DOE NLT February 1. Annually to the regulatory agencies by March 1; final due to DOE for Certification at least 5 days ahead of due date.
65.	EM.PA.0040.A001.01.DR.01	Claim for Exclusion from Hazardous Waste Assessment	DOE Certification; Regulator Approval	Initial annually to DOE NLT February 1. Annually to the regulatory agencies by March 1; final due to DOE for Certification at least 5 days ahead of due date.
66.	EM.PA.0040.A001.01.DR.01	Notification of Hazardous Waste Activity	DOE Certification; Regulator Approval	Initial annually to DOE NLT June 15. Annually to the regulatory agencies by July 15; final due to DOE for Certification at least 5 days ahead of due date.
67.	EM.PA.0040.A001.01.DR.01	Treatability Study Summary Report	Regulator Approval	Annually to the regulatory agencies by March 15; if required initial draft due 2/15 or notification that one is not needed for current year reporting.
68.	EM.PA.0040.A001.01.DR.01	Annual Report of Polychlorinated Biphenyls at the Paducah Gaseous	DOE Concurrence;	Initial annually to DOE NLT June 10. Final annually by July 1. A

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
		Diffusion Plant	Regulator Information	copy of the report on CD must be submitted to KDOW NLT December 1 per KPDES Permit
69.	EM.PA.0040.A001.01.DR.01	Inventory of Federal Hazardous Waste Activities at Currently Owned or Operated Federal Facilities	DOE Concurrence; Regulator Information	As required
70.	EM.PA.0040.A001.01.DR.01	Federal Facility Compliance Profile	DOE Concurrence	As required
71.	EM.PA.0040.A001.01.DR.01	DOE Pollution Prevention Waste Minimization Database Update	Input to Infrastructure Contractor	Annually as required
72.	EM.PA.0040.A001.01.DR.01	Pollution Prevention Program Plan	DOE Acceptance	Annually by May 31, as needed or at least every 3 years
73.	EM.PA.0040.A001.01.DR.01	Quarterly Project Waste Management/ Pollution Prevention Report	DOE Acceptance	Quarterly – first week of month following quarter
74.	EM.PA.0040.A001.01.DR.01	Federal Archeology Program Questionnaire	Approval	As required
75.	EM.PA.0040.A001.01.DR.01	SWMU Assessment Reports	DOE Concurrence; Regulator Approval	As required
76.	EM.PA.0040.A001.02.DR.01	Update TCE and ^{99}Tc plume map	Approval	To DOE: April 15, 2019 To the Regulators: June 15, 2019
77.	EM.PA.0040.A001.02.DR.01	Update TCE and ^{99}Tc plume map	Approval	To DOE: April 15, 2021 To the Regulators: June 15, 2021
78.	EM.PA.0040.A001.02.DR.01	Submit Transect Well Data to Regulators for the NE Plume	DOE Information Regulator Information	consistent with the SMP and the contractor's baseline

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
79.	EM.PA.0040.A001.02.DR.01	Submit D1 O&M Plan for the NE Plume Optimization to Regulators	Approval	consistent with the SMP and the contractor's baseline
80.	EM.PA.0040.A001.02.DR.01	Submit D1 Post-Construction Report for NE Plume Optimization to Regulators	Approval	consistent with the SMP and the contractor's baseline
81.	EM.PA.0040.A001.02.DR.01	Update TCE and ^{99}Tc plume map	Approval	To DOE: April 15, 2023 To the Regulators: June 15, 2023
82.	EM.PA.0040.A001.02.DR.01	Update TCE and ^{99}Tc plume map	Approval	To DOE: April 15, 2025 To the Regulators: June 15, 2025
83.	EM.PA.0040.A001.02.DR.01	Update TCE and ^{99}Tc plume map	Approval	To DOE: April 15, 2027 To the Regulators: June 15, 2027
84.	EM.PA.0040.A001.07.DR.02.01	Deliverables Tracking Report	Information	Weekly
85.	EM.PA.0040.A001.07.DR.03	Life Cycle Plan (scope, cost, schedule); Spend Plans, FTE projections;	Approval	Within 9 months after NTP and as requested.
86.	EM.PA.0040.A001.07.DR.04.01	Submit a Chronic Beryllium Disease Prevention Program consistent with 10 CFR 850	Approval	Within 90 days after NTP
87.	EM.PA.0040.A001.07.DR.04.01	Worker Safety and Health Program Plan	Approval	Within 90 days after NTP
88.	EM.PA.0040.A001.07.DR.04.01	Submittal of Nuclear Criticality Safety Program	Approval	Within 75 days after NTP
89.	EM.PA.0040.A001.07.DR.04.01	Submit revised Safety Basis documents	Approval	Within 90 days after NTP

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
90.	EM.PA.0040.A001.07.DR.04.01	Annual Safety Basis document submittal to DOE for approval	Approval	Annually from date of initial DOE approval of Safety Basis documents
91.	EM.PA.0040.A001.07.DR.04.01	NPH Analysis	Information	In accordance with updated Safety Basis
92.	EM.PA.0040.A001.07.DR.04.01	Eliminate all blue-sheeted procedures and performance documents	Information	Within 90 days after conclusion of transition
93.	EM.PA.0040.A001.07.DR.04.02	Submit ISMS Description	Approval	Within 90 days after NTP
94.	EM.PA.0040.A001.07.DR.04.02	Submit Site Sustainability Plan (SSP) and Environmental Management System (EMS) Plan	Approval	Within 90 days after NTP
95.	EM.PA.0040.A001.07.DR.04.02	Contractor's ISMS Verification Review and Report	Approval	Within 120 days after NTP
96.	EM.PA.0040.A001.07.DR.04.02	Initial and Annual ISMS Effectiveness Review and Report	Information	Annually after the Contractor's ISMS Verifications Review and Report
97.	EM.PA.0040.A001.07.DR.04.02	Establish performance measures, objectives, and commitments (PMOC's)	Approval	Within 90 days after NTP, Annually thereafter
98.	EM.PA.0040.A001.07.DR.04.03	Submittal of the Radiation Protection Program	Approval	Within 60 days after NTP
99.	EM.PA.0040.A001.07.DR.04.04	Completion of Contractor Readiness Assessment for Emergency Management Program	Approval	Within 105 days after NTP

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
100.	EM.PA.0040.A001.07.DR.04.04	Submittal of the Emergency Readiness Assurance Plan	Approval	Annually Before September 30th
101.	EM.PA.0040.A001.07.DR.04.04	Submittal of Paducah Site Emergency Management Program Plan and other required secondary documentation such as EALs, EPHAs, Hazard Surveys, etc.	Approval	Within 60 days after NTP
102.	EM.PA.0040.A001.07.DR.04.04	Submittal of Fire Protection Plan and Fire Hazard Analysis	Approval	Within 90 days after NTP
103.	EM.PA.0040.A001.07.DR.04.04	Submittal of Emergency Management and Fire Protection Baseline Needs Assessment	Information	Within 60 days after NTP
104.	EM.PA.0040.A001.07.DR.04.04	Mutual Aid Agreements and Contracts	Approval	Within 120 days after NTP and Annually or as changed thereafter
105.	EM.PA.0040.A001.07.DR.04.05	Submittal of the Quality Assurance Program	Approval	Within 90 days after NTP
106.	EM.PA.0040.A001.07.DR.04.05	QAP Review and Update	Approval	Initial update due 1 year after conclusion of transition, and annually thereafter
107.	EM.PA.0040.A001.07.DR.04.05	Contractor Assurance System Description	Approval	Within 160 days after NTP and annually thereafter
108.	EM.PA.0040.A001.07.DR.11	Submit the FIMS data for site facilities to the Infrastructure Contractor	Information	August 15 and annually thereafter
109.	EM.PA.0040.A001.07.DR.11	Real Property Transfer Plan	Approval	Within 90 days after transition is complete

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
110.	EM.PA.0040.A001.07.DR.11	Submit Draft documents required for the transfer of real property	Approval	As identified in the Contractors DOE approved Property Transfer Plan
111.	EM.PA.0040.A001.07.DR.11	Submit final documents required for the transfer of real property	Approval	As identified in the Contractors DOE approved Property Transfer Plan
112.	EM.PA.0040.A001.07.DR.11	Reports of loss, damage, periodic physical inventory data and inventory, & final inventory for Contract completion	Information	Within 1 year after transition is complete and annually thereafter
113.	EM.PA.0040.A001.07.DR.11	Motor Vehicle Fleet Reports (FAST)	Information	Within 1 year after transition is complete and annually thereafter
114.	EM.PA.0040.A001.07.DR.12	Automated Supply Pilot Report	Information	Within 39 months after completion of Transition
115.	EM.PA.0040.A001.07.DR.13.01	Personal Property Disposition Plan	Approval	Within 180 days after transition is complete and annually thereafter
116.	EM.PA.0040.A001.07.DR.13.01	Asset Recovery and Recycling Program Plan	Approval	Within 180 days after transition is complete and annually thereafter
117.	EM.PA.0040.A001.07.DR.14	Develop and implement an Energy Efficiency Plan that incorporates all requirements of Executive Order 13693	Approval	Within 90 days after conclusion of Transition
118.	EM.PA.0040.A001.07.DR.14	Green and Sustainable Remediation and Innovative Technology Report	Information	Annually
119.	EM.PA.0040.A001.07.DR.15	Records Management Plan	Approval	Within 60 days after NTP
120.	EM.PA.0040.A001.07.DR.15	List of Electronic Information	Information	Annually

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
		Systems		
121.	EM.PA.0040.A001.07.DR.15	Vital Records Plan and Inventory	Approval	Within 120 days after NTP
122.	EM.PA.0040.A001.07.DR.15	Records Management Close-out/Transition Plan	Approval	At Least 180 days prior to end of the POP
123.	EM.PA.0040.A001.07.DR.15	Contractor Document Certification	Approval	At least 14 days prior to end of the POP
124.	EM.PA.0040.A001.07.DR.16	Site Wide COOP Program Implementation Plan and updates as necessary	Approval	Within 60 days after completion of Transition
125.	EM.PA.0040.A001.07.DR.18	Contract Close-out Plan	Approval	At least 180 days before end of POP
126.	EM.PA.0040.A001.07.DR.18	Contract Completion Transition Plan	Approval	At least 120 days before end of POP
127.	EM.PA.0040.A001.07.DR.18	Environmental Compliance Report	Information	At least 90 days before end of POP
128.	EM.PA.0040.A001.07.DR.20	Submittal of NMC&A Plan	Approval	Within 90 days after NTP and Annually thereafter or following significant program change
129.	EM.PA.0040.A001.07.DR.20	Submit the NMC&A SSP Section to the ODSA	Information	Within 90 days after NTP and Annually thereafter in a schedule agreed to by the ODSA
130.	EM.PA.0040.A002.04.DR.01	Submit Waste Management Plan	Approval	Within 90 days after NTP
131.	EM.PA.0040.A002.05.DR.02	Submit C-746-U Landfill Expansion Design and Permit Modification Package	Approval	Consistent with the approved CPB

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
		for DOE Approval		
132.	EM.PA.0040.A005.02.DR.02	D1 Remedial Design Work Plan for SWMU 211A	Approval	Consistent with the SMP and the approved CPB
133.	EM.PA.0040.A005.02.DR.02	30% Remedial Design Report for SWMU 211A	Approval	Consistent with the SMP and the approved CPB
134.	EM.PA.0040.A005.02.DR.02	60% Remedial Design Report for SWMU 211A	Approval	Consistent with the SMP and the approved CPB
135.	EM.PA.0040.A005.02.DR.02	90% Remedial Design Report for SWMU 211A	Approval	Consistent with the SMP and the approved CPB
136.	EM.PA.0040.A005.02.DR.02	D1 Remedial Action Work Plan for SWMU 211A	Approval	Consistent with the SMP and the approved CPB
137.	EM.PA.0040.A005.02.DR.02	D1 Post Construction Report for SWMU 211A	Approval	Consistent with the SMP and the approved CPB
138.	EM.PA.0040.A005.02.DR.02	D1 Operations and Maintenance Plan for SWMU 211A	Approval	Consistent with the SMP and the approved CPB
139.	EM.PA.0040.A005.02.DR.02	D1 Remedial Action Completion Report(s) for SWMUs 211a	Approval	Consistent with the SMP and the approved CPB
140.	EM.PA.0040.A005.10.DR.01	D1 C-400 Complex RI/FS Work Plan	Approval	Within 6 months after completion of Transition
141.	EM.PA.0040.A005.10.DR.01	D1 RI/FS	Approval	As established in the Contractor's CPB and approved by DOE. Dates must be consistent with the latest approved version of the FFA SMP.

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
142.	EM.PA.0040.A005.10.DR.01	D1 Proposed Plan	Approval	As established in the Contractor's CPB and approved by DOE. Dates must be consistent with the latest approved version of the FFA SMP.
143.	EM.PA.0040.A005.10.DR.01	D1 Record of Decision	Approval	As established in the Contractor's CPB and approved by DOE. Dates must be consistent with the latest approved version of the FFA SMP.
144.	EM.PA.0040.A005.10.DR.01	D1 Remedial Action Work Plan	Approval	As established in the Contractor's CPB and approved by DOE. Dates must be consistent with the latest approved version of the FFA SMP.
145.	EM.PA.0040.A005.10.DR.01	D1 RACR	Approval	As established in the Contractor's CPB and approved by DOE. Dates must be consistent with the latest approved version of the FFA SMP.
146.	EM.PA.0040.A008.41.DR.01	Annual Site Facility Occupational Status Report	Information	Within 90 days after conclusion of transition and annually thereafter
147.	EM.PA.0040.A008.41.DR.01-2	Comprehensive list of systems, equipment, and items related to safety	Information	Within 45 days after transition completion and reach agreement with DOE safety personnel within 60 days after transition completion.

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
148.	EM.PA.0040.A008.41.DR.01-2	Surveillance and Maintenance Program Plan	Approval	NLT 30 days after Transition is complete
149.	EM.PA.0040.A008.41.DR.02	Submit Roof Integrity Assessment	Approval	Within 60 days after Transition is complete and annually thereafter
150.	EM.PA.0040.A008.41.DR.02	Non-Category 2 Facility Operations Roof List	Approval	Within 45 days after Transition is complete
151.	EM.PA.0040.A008.42.DR.01	List of facility meters added or deleted	Information	Within 12 months after transition is complete and annually thereafter
152.	EM.PA.0040.A008.42.DR.01	Nitrogen System Evaluation Report	Approval	90 days after transition
153.	EM.PA.0040.A008.42.DR.02	Heating/Cooling Service Replacement Plans and Schedule	Approval	Within 12 months after Transition is complete
154.	EM.PA.0040.A008.42.DR.03	Water Facility Shutdown Plan	Approval	Within 12 months after Transition is complete
155.	EM.PA.0040.A008.42.DR.03	Provide a Plan for Optimization of the onsite Sanitary Water Distribution system	Approval	Within 24 months after Transition is complete
156.	EM.PA.0040.A008.42.DR.04	Quarterly Site Power Projections	Information	The 15th of January, April, July, and October for each preceding quarter
157.	EM.PA.0040.A008.42.DR.05	Submittal of the Sewage Alternatives Analysis	Information	Within 24 months after transition is complete
158.	EM.PA.0040.A008.48.DR	Develop and Submit Stabilization and Deactivation Plan	Approval	NLT 30 days after transition

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
159.	EM.PA.0040.A008.48.DR.03	Detailed Schedule Integrated with Planned C-400 Subsurface Soil Investigation Activities	Approval	First Quarter FY18
160.	EM.PA.0040.A008.01.DR.05.02	Design and complete a bench scale test study to demonstrate the safety and potential implementation success of microwave thermal treatment	Information	In accordance with Contractor's technical proposal
161.	EM.PA.0040.A008.01.DR.05.02	Issue a report upon completion of the bench scale study for DOE approval to proceed to Pilot Study for thermal treatment	Approval	In accordance with Contractor's technical proposal
162.	EM.PA.0040.A008.01.DR.05.02	Conduct a Pilot Scale Study and Evaluation for thermal treatment	Information	In accordance with Contractor's technical proposal
163.	EM.PA.0040.A008.01.DR.05.02	Issue a Nickel and 99Tc Microwave Thermal Treatment Technology Study &Evaluation Pilot Study Report	Approval	NLT 30 months after Transition
OPTIONS				
H CLAUSES				
164.	H.5 DOE-H-2001 (E)(3)	Employee Benefits Value Study and Employee Benefits Cost Survey	Approval	Prior to adoption of any change to a pension or other benefit plan which increases costs.
165.	H.5 DOE-H-2001 (E)(3)(a)	Ben-Val	Information	Every two years for each benefit tier
166.	H.5 DOE-H-2001 (E)(3)(b)	Employee Benefits Cost Study Comparison	Information	Annually

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
167.	H.5 DOE-H-2001 (E)(4)	Corrective Action Plan	Approval	When the net benefit value exceeds the comparator group by more than five percent, unless waived in writing by the CO
168.	H.5 DOE-H-2001 (G)(3)	Results of Limited-Scope Audit (ERISA)	Information	Annually, except that every third year a full-scope audit must be conducted
169.	H.5 DOE-H-2001 (G)(4)	Separate Accounting of DOE Liabilities and Assets for Existing Commingled Plans	Information	Annually
170.	H.5 DOE-H-2001 (G)(7)	Pension Management Plan	Information	Annually – NLT January 31 of each applicable year
171.	H.5 DOE-H-2001 (H)	Reimbursement of Contractors for Contributions to Defined Benefit Pension Plan	Approval	As Applicable
172.	H.5 DOE-H-2001 (I)(1)	Reporting Requirements for Designated Contracts – Actuarial Valuation Reports	Information	By the due date for filing IRS Form 5500 for each DOE-reimbursed pension plan and when a pension plan is comingled
173.	H.5 DOE-H-2001 (I)(2)	Forms 5500, Copies of IRS Forms 5500 with Schedules for each DOE-funded Pension Plan	Information	No later than that submitted to the IRS
174.	H.5 DOE-H-2001 (I)(3)	Forms 5300, Copies of all Forms in the 5300 series submitted to the IRS that document the establishment, amendment, termination, spin-off, or merger of a plan submitted to the IRS	Information	No later than that submitted to the IRS

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
175.	H.5 DOE-H-2001 (J)	Changes to Pension Plan (A) Copy of the current plan document with proposed new amendment indicated in redline/strikeout (B) Analysis of the impact of any proposed changes on actuarial accrued liabilities and costs (C) Except in circumstances where the CO indicates that it is unnecessary, legal explanation of the proposed changes (D) the Summary Plan Description (E) any such additional information as requested by the Contracting Officer.	Approval	At least 60 days prior to any changes to a pension plan
176.	H.5 DOE-H-2001 (J)(2)	New Benefit Plans and Changes to Plan Design or Funding Methodology with Justification (A) Demonstrate the effect of the plan changes on the contract net benefit value or per capita benefit costs, (B) provide the dollar estimate of savings or costs, and (C) provide the basis of determining the estimated savings or cost.	Approval	At least 60 days prior to any changes to a pension plan
177.	H.5 DOE-H-2001 (K)(2)	The Contractor shall provide a determination statement in its settlement proposal, defining and identifying all liabilities and assets attributable to the DOE contract.	Information	At least 60 days prior to scheduled date of plan termination
178.	H.6 (B)	Annual Actuarial Evaluations for all applicable benefit plans as well as certify	Approval	Annually

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
		that the benefit plans are in full compliance with IRC and ERISA requirements, including corrective action plans as necessary, for addressing the potential or actual failure of the plans to meet testing requirements		
179.	H.7 (A)(1)	(a) List of Contractor personnel who will be responsible for transitioning employees of the Incumbent Contractor and for development of the transition agreements, (b) Description of any and all transition agreements, (c) Draft communication plan detailing the communication the Contractor and its subcontractors will engage in with FSS and their employees and, (d) Information from FSS identifying employees who have initially been identified as being at risk of being involuntarily separated.	Information	Within 20 days after NTP
180.	H.7 (A)(2)	(a) Copies of the draft WF Transition Plan for the Contractor and its first and second tier subcontractors, (b) Final written communication plan with incumbent contractor regarding implementation of the hiring preferences	Information	Within 30 days after NTP
181.	H.7 (A)(3)	Final Work Force Transition Plan	Approval	Within 45 days after NTP
182.	H.7 (A)(4)	Final Transition Agreements	Approval	Within 70 days after NTP
183.	H.7 (A)(5)	Implementation of hiring preferences	Information	Weekly during transition period,

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
		reports (a) During 120 day Contract Transition Period (b) On less frequent basis if requested		or less frequently if requested by CO
184.	H.7(B)(1)	Draft Benefits Transition Plan	Approval	Within 20 days after NTP
185.	H.7(B)(5)(a)	(1) List of Contractor personnel who will be responsible for transitioning of the existing pension plan and other existing benefit plans (2) Provide estimated costs and detailed breakouts of the costs to accomplish workforce and benefits transition activities	Information	Within 20 days after NTP
186.	H.7(B)(5)(b)	(1) A list of the information and documents that the Contractor has requested from FSS pertaining to the existing benefit plan	Information	Within 30 days after NTP
187.	H.7(B)(5)(c)	(1) Final Draft Benefits Plan (2) Detailed description of its plans and processes, including timeframes and specific projected dates for accomplishment of each activity (3) Meet via televideo or in person with relevant personnel, provide meeting minutes and a written description of any substantive issues identified in the meeting	Information	(i) and (ii) Within 45 days after NTP (iii) Within 2 days after the meeting
188.	H.7(B)(5)(d)	Final Benefits Transition Plan	Approval	Within 60 days after NTP

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
189.	H.7(B)(5)(e)(1)	(i) drafts of all amendments to or restatements of the pension and other benefit plans presently sponsored by UCOR, or any other existing benefit plans it plans to participate in, including but not limited to, amendments effectuating the change in sponsorship/participating employer in the ETTP MEPP and any other existing DB pension plan. If applicable, the Contractor shall also submit all draft restated benefit plans and draft Summary Plan Descriptions (SPDs) for pension and other benefit plans sponsored by UCOR or any other existing defined benefit plans it plans to participate in. Any and all such amendments shall comply with applicable law governing such transactions and changes in sponsorship of the plans. (ii) any new benefit plan(s) as well as draft SPDs that the Contractor proposes to sponsor (iii) drafts of the transition agreements which the Contractor will enter into with UCOR and FFS to ensure the Contractor's compliance with the pay and benefits requirements set forth in Clauses H.5 and H.6	Information	Within 60 days after NTP
190.	H.7(B)(5)(f)	The proposed final versions of the documents provided in paragraph (e) above.	Approval	Within 90 days after NTP

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
191.	H.7(B)(5)(g)	Comments provided by CO under paragraphs a-f.	Information	Within 2 days of receipt of comments
192.	H.7(B)(5)(h)	(1) Documents relating to benefit plans offered to Contractor Employees (2) Any and all documents pertaining to implementation of and compliance with implementation of the compensation and benefit programs (3) Timely data responses to Departmental annual and ad hoc pension and PRB data requests	Information	As Requested
193.	H.9(C)	Economic Bargaining Parameters	Approval	Prior to the Contractor entering into collective bargaining process
194.	H.9(F)	Notify of all labor relations issues and matters of interest, including, but not limited to, organizing initiatives, unfair labor practice charges or complaints, work stoppages, picketing, labor arbitrations, National Labor Relations Board charges, legal or judicial proceedings, and settlement agreements and will furnish such additional information as may be required from time to time by the Contracting Officer.	Information	Immediately
195.	H.9(G)	Notify of any planned or actual strike or work stoppage involving its employees or employees of a subcontractor.	Information	Immediately
196.	H.9(H)	Arbitration decisions issued by an arbitrator	Information	Within one week of receipt of the decision
197.	H.9(I)	“Report of Settlement” after ratification of a collective bargaining agreement, or written reports as necessary	Information	Next open quarter after ratification of collective bargaining agreement

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
198.	H.9(J)	Report on grievances	Information	Semi-Annual June 30 and December 31
199.	H.10(C)	Specific Workforce Restructuring Plan (Specific Plan) if either of the following conditions are met within a rolling 12-month period: , (1) reduction of workforce by 50 or more employees through involuntary separation; or (2) reduction of workforce by 100 or more employees, voluntary or involuntary separation action or a combination of	Approval	At least 60 days in advance of the first communication planned to be given to the employees and public
200.	H.10(E)	Pay-in-lieu of notice beyond two work-weeks	Approval	In Advance of notice as part of the Workforce Restructuring Plan
201.	H.10(G)	Adverse impact analysis (also known as a diversity analysis)	Approval	As Applicable prior to notification of employees selected when the involuntary separation action(s) will affect 50 or more contractor employees within a rolling 12-month period
202.	H.10(J)	Actual and projected workforce reductions	Information	On annual basis, no later than March 15th of each year
203.	H.11(e)	DBA Semi-Annual Enforcement Report	Information	April 21 and October 21
204.	H.12(a)	All new compensation policies and initial proposals for self-insurance	Approval	As Applicable
205.	H.12(c)	Workers compensation settlement claims above the threshold	Approval	As Applicable
206.	H.13(b)	Evidence of insurance	Information	Prior to the commencement of work under the contract if

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
				requested by the CO
207.	H.15(A)(5)	Insurance policies or insurance arrangements	Information	No later than 30 days after purchase date
208.	H.15(B)	Plan Experience Reporting (1) Experience reports for each type of insurance (2) Insurance costs and/or self insurance charges	Information	Annually
209.	H.15(B)(3)	Additional claim financial experience data	Information	As requested
210.	H.15(D)	Successor Contractor or Insurance Policy Cancellation (1) Any change in program direction (2) Insurance coverage replacement is maintained as required	Approval	As Applicable
211.	H.16, H.17, H.18, H.19, H.20 and H.21	Contractor responses to significant business system deficiencies and corrective action plans	Information	Contractor response required within 30 days of receipt of initial determination of significant deficiencies; correction of significant deficiencies or submission of an acceptable corrective action plan required within 45 days of receipt of final determination of significant deficiencies
212.	H.17, H.19, H.20 and H.21	Contractor Business Systems Descriptions	Information	Within 60 days of NTP
213.	H.24	Advance written notice of NOVs/NOAVs	Information	As Applicable

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
214.	H.26	Should the Responsible Corporate Official or their contact information change during the period of the Contract, the Contractor shall promptly notify the Contracting Officer in writing of the change.	Information	Promptly if changed
215.	H.33	Organizational Conflict of Interest Management Plan	Approval	Within 15 days after NTP
216.	H.36	Correspondence regarding Assignment and Transfer of Subcontracts	Information	As Applicable
217.	H.37	Material Safety Data Sheet FAR 52.223-3	Information	As Required
218.	H.38	Contractor Community Commitment Plan for community commitment activities and report on program progress semi-annually	Information	Submitted Annually with semi-annual progress
219.	H.39(A)	Diversity Program Plan	Approval	Within 60 days after NTP
220.	H.39(B)	Annual Diversity Report	Information	Annually
221.	H.40	Contractor Releases of Information	Approval	Within 14 days Prior to release
222.	H.43	Worker Safety and Health Program 10 CFR 851	Approval	Prior to the start of work
223.	H.45 FAR 52.216-7	Annual Indirect Billing Rates	Approval	Annually

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
224.	H.46(B)	Advance Notification of Intent to Award of Critical Subcontracts	Approval	Prior to award of subcontract
225.	H.50	Notification of Intent to Disclose Confidential Information	Approval	As Requested
226.	H.56(C)	Payments for Domestic Extended Personnel Assignments	Approval	Prior to incurring any costs for such action
227.	H.57	Changing of Key Personnel	Approval	Reasonable in advance before removing, replacing or diverting any of the listed Key Personnel
228.	H.63	Parent Organization Support Plan (if applicable)	Approval	Initially, at least 60 Days prior to the end of the Contract Transition Period or the commencement date of parent organization support proposed by the Contractor or required by the Government and at least 90 days prior to the start of each year of contract performance for any subsequent POP
229.	Reserved			
230.	H.65(C)	Permit Applications and Regulatory Materials	Information	Within 90 days prior to the date of submittal to the regulatory agencies for draft documents and within 30 days prior to the date of submittal to the regulatory agencies for final documents
231.	H.68(C)	Project Control System Description	Approval	During Contract Transition Period
232.	H.68(D)(1)	Initial Contract Performance Baseline	Information	Within 7 days of NTP

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
233.	H.68(D)(2)	Final Contract Performance Baseline (CPB) and status reports	Approval	During the first six months after NTP and monthly status reports regarding CPB document preparation progress
234.	H.68(D)(4)(c)	CPB change proposals and Contract change proposals	Approval	To be submitted concurrently within 60 days of the issuance of a written change order by the CO
235.	H.68(D)(5)(a)	Initial and Interim CPB Corrective Action Plan (if applicable)	Approval	Within 15 days of receipt of DOE's comments
236.	H.68(D)(5)(b)	Earned Value Reporting System Schedule an EVMS Certification Review	Information	No later than end of Contract Transition Period Immediately after NTP and when three months of earned value data is available and no later than three months after the Contract Transition Period
237.	H.68(D)(5)	Full CPB Corrective Action Plan (if applicable)	Approval	Within 15 days of receipt of DOE's comments
238.	H.68(D)(6)	Performance Reporting – Monthly Cost Performance Report	Information	Monthly – no later than the 8th business day prior to the end of each calendar month
239.	H.70	Sustainable practices for reducing Greenhouse Gas	Information	Within 12 months after contract award
Other RFP Sections				
240.	I.58	Employment Reports for Veterans	Concurrence & Information	Annually by September 30

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
241.	I.168, DOE O 350.1, Chg 4 & 10 CFR 707	Workplace Substance Abuse Program	Approval	Within 60 days of NTP
242.	Attachment J-12	Update to Government Furnished Services	Approval	Annual & Quarterly
243.	DOE O 231.1B, Chg. 1	Individual Accident/Incident Reports (electronic data submission)	Information	On or before the 15th and the last working day of each month
244.	DOE O 232.2	Occurrence Reporting Processing System (ORPS) Reports (electronic reporting to DOE system)	Information	As required
245.	DOE O. 350.1, Chg. 5	Employee Assistance Program Implementation Plan	Approval	Within 60 days of NTP
246.	DOE O. 350.1, Chg. 5	Collective Bargaining Agreements	Information	Upon negotiation of any new collective bargaining agreement or changes thereto
247.	DOE O 442.1A	Employee Concerns Program	Approval	Within 30 days of NTP
248.	DOE O 442.1A	Employee Concerns Program Status Report	Information	Quarterly
249.	DEAR 952.231-71 and 10 CFR 719	Legal Management Plan	Approval	Within 60 days of NTP
250.	Section J, Attachment J-14, PEMP	Contractors input to services and work products	Information	Quarterly
251.	Section J, Attachment J-14, PEMP	Contractor recommended changes to the CO	Approval	No later than 60 days prior to the beginning of the new evaluation period
252.	Section J, Attachment J-14, PEMP	Request DOE replace the PBI or remove and restructure the PBI fee	Approval	as soon as practicable after the event or events occurred; however under no circumstances shall the

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
				request be made after the required completion date of the PBI
253.	Section J, Attachment J-14, PEMP	*Certificate of Completion* for each PBI	Approval	Within 15 days of PBI completions or the end of the evaluation period
254.	EM.PA.0040.A001.07.DR.02.02	Risk Methods Document (Human Health)	Approval	As required by the working group
255.	EM.PA.0040.A001.07.DR.02.02	Risk Methods Document (Ecological)	Approval	As required by the working group
256.	EM.PA.0040.A001.07.DR.02.02	Programmatic Quality Assurance Project Plan	Approval	As required by the working group
257.	EM.PA.0040.A001.07.DR.02.02	Community Relations Plan	Approval	Every 2 years beginning in 2019 Initial Due 5/1 Final Due for signature 6/20
258.	EM.PA.0040.A001.07.DR.02.02	Data and Documents Management and Quality Assurance Plan	Approval	As needed
259.	EM.PA.0040.A001.07.DR.02.02	FFA Modifications	Approval	As needed
260.	EM.PA.0040.A001.07.DR.15	Engineering Configuration Management System Plan	Approval	Within 30 days after Transition
261.	EM.PA.0040.A001.01.DR.01	Revision to the Paducah Site-Wide Groundwater Model	Approval	As needed
262.	EM.PA.0040.A001.07.DR.04.01	Complete revision of NCSEs to meet current DOE directives and to address current facility conditions	Information	30 months after Transition
263.	EM.PA.0040.A005.10.DR.01	D1 Remedial Design Work Plan	Approval	As established in the Contractor's

No.	Deliverable Reference	Deliverable	DOE Action	Deliverable Due Date
				CPB and approved by DOE.
264.	EM.PA.0040.A008.48.DR.02	THFA each of the four Process Facilities (C-331, C-333/C-333A, C-335, C-337/C-337A)	Approval	NLT 72 months after transition
265.	EM.PA.0040.A008.48.DR.02.05	THFA for C-360	Approval	NLT 60 months after transition
266.	EM.PA.0040.A008.48.DR.02.07	THFA for C-310/C-310A	Approval	Consistent with Exercise of Option
267.	EM.PA.0040.A008.48.DR.02.08	THFA for C-315/C-620	Approval	Consistent with Exercise of Option