

Purpose of Modification:

The purpose of this modification is to update Contract Section C, *Statement of Work*, Contract Clause C.5, *Description of Contract Requirements and Deliverables*, Table C.5-1.1, *Deliverables*. This modification changes the contract due date for deliverable 2.10, *Proposed Process Steps for Sludge Treatment*, deliverable 2.11, *Proposed Deminimus Organic Concentration in Received Tank Waste*, and deliverable C.7-1, *Procedure to Determine the Waste Feed Treatment Approach*. These revisions are made under the authority of the Contract Clause I.82, FAR 52.243-2 *Changes – Cost Reimbursement (AUG 1987) – Alternate III (APR 1984)*, at no additional cost to the Government.

Description of Modification:

1. Update Contract Section C, *Statement of Work*, Contract Clause C.5, *Description of Contract Requirements and Deliverables*, Table C.5-1.1, *Deliverables*, and change the contract due date for deliverable 2.10, *Proposed Process Steps for Sludge Treatment*, from “TBD” to “one year before the start of cold commissioning for the Pretreatment Facility”.
2. Update Contract Section C, *Statement of Work*, Contract Clause C.5, *Description of Contract Requirements and Deliverables*, Table C.5-1.1, *Deliverables*, and change the contract due date for deliverable 2.11, *Proposed Deminimus Organic Concentration in Received Tank Waste*, from “TBD” to “12/31/2012”.
3. Update Contract Section C, *Statement of Work*, Contract Clause C.5, *Description of Contract Requirements and Deliverables*, Table C.5-1.1, *Deliverables*, and change the contract due date for deliverable C.7-1, *Procedure to Determine the Waste Feed Treatment Approach*, from “TBD” to “one year before the start of cold commissioning for the Pretreatment Facility”.
4. Contract Section C, *Statement of Work*, Contract Clause C.5, *Description of Contract Requirements and Deliverables*, Table C.5-1.1, *Deliverables*, is revised as follows:

Table C.5-1.1, Deliverables

Item No.	Deliverable	Reference	Action Required	DOE Action Party	Point of Delivery	Contract Due Date
C5.1	Select a Commissioning Contractor	Section C.5 [C.5(a)(4)]	A	D	COR (M131)	4/15/2001
1.1	Plan for Transition		A	D	COR (M131)	2/15/2001
1.2	Project Execution Plan	Standard 1 [Std. 1 (b)(2)]	A	D	COR (M131)	12/15/2006 with updates as required

Table C.5-1.1, Deliverables

Item No.	Deliverable	Reference	Action Required	DOE Action Party	Point of Delivery	Contract Due Date
1.3	Earned Value Management System Description	Standard 1 [Std. 1 (a) & (b)(3)]	A	D	COR (M131)	4/15/2001 with updates as required
1.4	Interface Management Plan	Standard 1 [Std. 1 (b)(1) and C.9(b)]	A	D	COR (M131)	6/29/2001 with updates as required
1.5	WTP Project Baseline	Standard 1 [Std. 1 (d)(3)]	A	D	COR (M131)	4/15/2001 with updates as required
1.6	Baseline Risk Plan	Standard 1 [Std.1 (c)(1)]	A	D	COR (M131)	7/1/2001 with annual updates as required
1.7	Monthly Status Report	Standard 1 [Std. 1 (c)(4), (a)(2)(i)(d) & (d)(1), Std 3 (g)(3), and Std 4 (f)(2)]	I	D	COR (M131)	First Wednesday of the second month
1.8	Occurrence Reporting	Standard 1 [Std. 1 (d)(5)] (M147)	A	D	COR (M131)	as required
1.9	ES&H Reporting	Standard 1 [Std. 1 (d)(6)] (M147)	A	D	COR (M131)	as required
1.10	Contract Performance Report	Standard 1 [Std. 1 (d)(2)]	I	D	COR (M131)	Last Wednesday of each month (M147)
1.11	Change Control Program Procedure	Standard 1 [Std. 1 (a) & (a)(4)]	A	D	COR (M131)	05/15/03 with updates as required Delivery 30 days after contract modification – implementation 60 days after Approval
1.12	Electronic Data	Standard 1 (d)(3) & (4)	I	D	COR (M131)	Last Wednesday of each month (M147)
2.1	Updated Research and Technology Program Plan	Standard 2 [Std. 2 (a)(1)(ii)]	A	D	COR (M131)	4/15/2001 with annual updates through 2004 and with updates as needed from 6/30/2008 through the initiation of cold commissioning

Table C.5-1.1, Deliverables

Item No.	Deliverable	Reference	Action Required	DOE Action Party	Point of Delivery	Contract Due Date
2.2	R&T Test Plans	Standard 2 [Std. 2 (a)(2)(i) & (a)(3)(ix)]	I	D	COR (M131)	as required
2.3	R&T Test Reports	Standard 2 [Std. 2 (a)(2)(ii) & (a)(3)(ix)]	C	D	COR (M131)	as required
2.4	Regulatory Data Quality Objective (DQO)	Standard 2 [Std. 2 (a)(3)(i)(D)]	A	D	COR (M131)	TBD as negotiated
2.5	Operations Research Assessment	Standard 2 [Std. 2 (b)(1) & Std 3 (c)(6)(ii)(A)]	C	D	COR (M131)	12/19/2008, 6/19/2010, 6/19/2011, FEBRUARY of 2012, 2014 and 2016 and after completion of Cold Commissioning and completion of Hot Commissioning (230)
2.6	WTP Tank Utilization Assessment	Standard 2 [Std. 2 (b)(2)]	C	D	COR (M131)	12/19/2008, 6/19/2010, 6/19/2011, FEBRUARY 2012, NOVEMBER 2013, NOVEMBER 2014, and after completion of Cold Commissioning and completion of Hot Commissioning (239)
2.7	DELETED (230)					
2.8	Technical Report on Oxidative Leaching	Standard 2 [Std. 2 (a)(3)(ix)]	C	D	COR (M131)	TBD
2.9	Test Report on Oxidative Leaching	Standard 2 [Std. 2 (a)(3)(ix); Std 5 (e)(3)(ii); & C.7(d)(1)(vii)]	C	D	COR (M131)	TBD
2.10	Proposed Process Steps for Sludge Treatment	Standard 2 [Std. 2 (a)(3)(iii)]	A	D	COR (M131)	one year before the start of cold commissioning for the Pretreatment Facility (255)
2.11	Proposed Deminimus Organic Concentration in Received Tank Waste	Standard 2 [Std. 2 (a)(3)(viii)]	A	D	COR (M131)	12/31/2012 (255)
3.1	Design Process	Standard 3 [Std. 3 (a)(2)]	I	D	COR (M131)	2/15/2001 1/15/2004

Table C.5-1.1, Deliverables

Item No.	Deliverable	Reference	Action Required	DOE Action Party	Point of Delivery	Contract Due Date
3.2	Functional Specification	Standard 3 [Std. 3 (b)(1)]	I	D	COR (M131)	8/20/2001 with updates as required
3.3 (a)	Basis of Design	Standard 3 [Std. 3 (b)(2)]	C (M171)	D	COR (M131)	8/20/2001 with updates as required
3.3 (b)	Design Criteria Database	Standard 3 [Std. 3 (b)(3)]	M	D	COR (M131)	30 days after issue of Basis of Design, with updates as required
3.4	Operations Requirements Document	Standard 3 [Std. 3 (b)(4)]	A for bolded document text and M for non-bolded document text	D	COR (M131)	8/20/2001
3.5	Master Equipment List	Standard 3 [Std. 3 I (6)(i)]	C	D	COR (M131)	Prior to ORR completion
3.6	Analytical Laboratory Design Requirements	Standard 3 [Std. 3 (c)(18) & C.7(a)(8)]	A	D	COR (M131)	10/1/2001 and as required thereafter
3.7	Site Layout Drawings	Standard 3 [Std. 3 (c)(19)]	A	D	COR (M131)	4/15/2001 and as required thereafter
3.8	Optimization Studies	Standard 3 [Std. 3 (d)]	A	D	COR (M131)	3/15/2001
3.9	Spare Parts List	Standard 3 [Std. 3 (c)(6)(ii, iii, & iv)]	C	D	COR (M131)	Prior to Completion of the Operational Readiness Reviews (M196)
3.10	Deleted					
4.1	Construction, Procurement, and Acceptance Testing Plan	Standard 4 [Std. 4(a), (f)(3) & (i)]	A on initial Deliverable and I for any subsequent updates	D	COR (M131)	As required
4.2	Purchasing System	Standard 4 [Std. 4 (b)(2)]	A	D	COR (M131)	As required
4.3	Construction Bid and Work Packages	Standard 4 [Std. 4(c)]	I	D	COR (M131)	As required
4.4	Construction and Acceptance Testing Program	Standard 4 [Std. 4(f)(1)]	A	D	COR (M131)	Prior to start of construction
4.5	Construction Overview Meetings	Standard 4 [Std. 4(h)]	M	D	COR (M131)	Ongoing

Table C.5-1.1, Deliverables

Item No.	Deliverable	Reference	Action Required	DOE Action Party	Point of Delivery	Contract Due Date
4.6	Construction Emergency Response Plan	Standard 4 [Std. 4(j)]	I	D	COR (M131)	Prior to Start of Limited Construction
4.7	As-built Program Description	Standard 4 [Std. 4(f)(5)]	C	D	COR (M131)	June 2009
5.1	Commissioning Plan	Standard 5 [Std. 5(c)]	A	D	COR (M131)	12 months prior to start of cold commissioning, as required thereafter
5.2	Deleted					
5.3	Waste Form Qualification Tests	Standard 5 [Std. 5 (e)(3)(i)]	P	D	COR (M131)	during cold commissioning
5.4	Cold Commissioning Capacity Tests	Standard 5 [Std. 5 (e)(3)(ii)]	A	D	COR (M131)	during cold commissioning
5.5	DELETED (A029)					
5.6	Resultant Products from Cold Commissioning	Standard 5 [Std. 5 (e)(1)]	P	D	COR (M131)	during cold commissioning
5.7	Environmental Performance Test	Standard 5 [Std. 5 (e)(3)(v)]	A	D	COR (M131)	during cold commissioning
5.8	Cold Commissioning Results	Standard 5 [Std. 5 (e)(5)]	A	D	COR (M131)	prior to hot commissioning
5.9	Certification of Completion of Cold Commissioning	Standard 5 [Std. 5 (e)(6)]	A	D	COR (M131)	when complete
5.10	Certification of Readiness for Hot Commissioning Start	Standard 5 [Std. 5 (g)(1)]	A	D	COR (M131)	prior to hot commissioning
5.11	Certification of Hot Commissioning Start	Standard 5 [Std. 5 (g)(3)]	A	D	COR (M131)	Upon receipt of Tank Farm waste feed
5.12	Hot Commissioning Capacity Tests	Standard 5 [Std. 5(g)(5)]	A	D	COR (M131)	during hot commissioning
5.13	Resultant Products from Hot Commissioning	Standard 5 [Std. 5 (g)(iii & iv)]	P	D	COR (M131)	during hot commissioning
5.14	Hot Commissioning Results and Documentation	Standard 5 [Std. 5 (g)(6)]	A	D	COR (M131)	upon completion of hot commissioning
5.15	Certification of Completion of Hot Commissioning	Standard 5 [Std. 5 (g)(7)]	A	D	COR (M131)	when complete
5.16	Facility Turnover	Standard 5 [Std. 5 (m)(7)]	A	D	COR (M131)	after successful commissioning
5.17	Deleted					

Table C.5-1.1, Deliverables

Item No.	Deliverable	Reference	Action Required	DOE Action Party	Point of Delivery	Contract Due Date
5.18	Cold Commissioning Simulant Definition	Standard 5 [Std. 5 (b) & Table C.6-5.1 Note 1.]	A	D	COR (M131)	24 months prior to the initiation of cold commissioning
5.19	WTP Facility Transition Plan	Standard 5 [Std. 5 (i); (j); & (m)(7)]	A	D	COR (M131)	12 months prior to the initiation of hot commissioning
5.20	Cold Commissioning Capacity Test Criteria	Standard 5 [Std. 5(e)(3)(ii) & Table C.6-5.1 Note 2]	A	D	COR (M131)	Prior to completion of Deliverable 5.8
5.21	Hot Commissioning Capacity Test Criteria	Standard 5 (Std. 5(g)(4) & Table C.6-5.2 Note 1))	A	D	COR (M131)	Prior to completion of Deliverable 5.14
6.1	Secondary Wastes Compliance Plan	Standard 6 [Std. 5 (e)(1)(i) & (e)(3)(i & ii), Std. 6(b), (c)(3 & 4), C.8 Spec. 9.2.2.5,]	A	D	COR (M131)	2004, 2006, 2008, and as required thereafter
6.2	IHLW Waste Form Compliance Plan	Standard 6 [Std. 2 (a) (3)(vii)(B); Std 5 (e)(1)(i) & (e)(3)(i & ii); Std. 6 (b), (c)(2 & 4), C.7(d)(2)(i), C.8 Spec. 1 (1.4)]	A	D	COR (M131)	2004, 2005, 2007, 2009, and as required thereafter
6.3	ILAW Product Compliance Plan	Standard 6 [Std. 2 (a)(3)(v)(B), Std. 5 (e)(1)(i) & (e)(3)(i & ii); Std. 6(b) & (c)(1 & 4), C.7(d)(3)(i); C.8 Spec. 2, 2.2.2.11, & 2.4]	A	D	COR (M131)	2004, 2006, 2008, and as required thereafter
6.4	IHLW Product Qualification Report	Standard 6 [Std. 6 (c) (5) & (6)]	C/A	D	COR (M131)	Plan in 2004, report in 2008 and as required thereafter
6.5	Production Documentation for IHLW Product	Standard 6 [Std 6 (c)(9)]	A	D	COR (M131)	at time of production
6.6	ILAW Product Qualification Report	Standard 6 [Std. 6(c)(5) Spec. 2.2.2.7.1]	C/A	D	COR (M131)	Plan in 2004, report in 2007 and as required thereafter

Table C.5-1.1, Deliverables

Item No.	Deliverable	Reference	Action Required	DOE Action Party	Point of Delivery	Contract Due Date
6.7	Production Documentation for ILAW Product	Standard 6 [Std 6(c)(9); C.8 Spec. 2, 2.2.2.6.2 & 2.2.2.7.2]	C/A	D	COR (M131)	at time of production
6.8	Deleted					
6.9	Reserved					
6.10	Secondary Wastes Production Documentation	Standard 6 [Std. 6 (c)(9)]	C/A	D	COR (M131)	at time of production
6.11	Deleted					
7.0	Non-radiological Worker Safety and Health	Standard 7 [Std 7 (e)(1)]	R	D	COR (M131)	per Standard 7.a(1)
7.1	Deleted (M166)					
7.2	Quality Assurance	Standard 7 [Std 7 (e)(3); C.8 Spec 2, 2.3 and Spec 12, 12.3]	A/R	D	COR (M131)	4/15/2001
7.3	Environmental Plan	Standard 7 [Std 7 (e)(4) & (e)(4)(vi)(A)]	A	D	COR (M131)	3/15/2001 and as required thereafter
7.4	Deleted					
7.5	Dangerous Waste Permit Application	Standard 7 [Std 7 (e)(4)(vi)(B)]	A	D	COR (M131)	as required
7.6	Risk Assessment Work Plan	Standard 7 [Std 7 (e)(4)(vi)(C) & Std 5 (e)(3)(v)]	A	D	COR (M131)	as required
7.7	Notice(s) of Construction	Standard 7 [Std 7 (e)(4)(vi)(D)]	A	D	COR (M131)	150 days prior to submission to the regulators
7.8	Prevention of Significant Deterioration (PSD) Permit Application	Standard 7 [Std 7 (e)(4)(vi)(E)]	A	D	COR (M131)	150 days prior to submission to the regulators
7.9	Petition for Exemption or Exclusion for IHLW	Standard 7 [Std 6(c)(7), Std 7 (e)(4)(vi)(F)]	A	D	COR (M131)	06/2005
7.10	Petition for a New Treatment Standard	Standard 7 [Std 6 (c)(8), Std 7 (e)(4)(vi)(G)]	A	D	COR (M131)	08/2003

Table C.5-1.1, Deliverables

Item No.	Deliverable	Reference	Action Required	DOE Action Party	Point of Delivery	Contract Due Date
8.0	Safeguards and Security	Standard 8 [Table S8-1]	A	D	COR (M131)	see Table S8-1
9.1	Radiological, Nuclear and Process Safety (M166)	Standard 9 [Std 9]	R	D	COR (M131)	per Table S9-1
C.7-1	Procedure to Determine the Waste Feed Treatment Approach	C.7(d) (1)(vii) Spec. 12	A	D	COR (M131)	one year before the start of cold commissioning for the Pretreatment Facility (255)
C.9.1	Interface Control Documents	Section C.9	J	D	COR (M131)	7/15/2001, 3/15/2002, and as required
H.1	Environmental Permits	Clause H.26	A	D	COR (M131)	ongoing
H.2	Litigation Management Plan	Clause H.33	A	D	COR (M131)	4/15/2001
H.3	Deleted					
H.4	Property Management System (M120)	Clause H.51	A	D	COR (M131)	10/1/2008, with annual updates thereafter

5. **Contractor's Statement of Release:** In consideration of the Modification agreed to herein as complete equitable adjustment, the Contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances giving rise to the changes as noted in this modification.
6. All other terms and conditions remain unchanged.

(End of Modification)