

**FINAL**

**PROJECT MANAGEMENT PLAN  
KICKOUT AREA AND PARCELS 11, 20, AND 22**

**Fort Wingate Depot Activity  
Mc Kinley County, New Mexico**

**January 09, 2015**

**Contract No. W912DY-10-D-0025  
Task Order No. DS02**

*Prepared for:*



**United States Army Corps of Engineers  
CESWF-PEC-TM  
819 Taylor St., Room 3A12  
Fort Worth, TX 76102**

*Prepared by:*



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*Form Approved*  
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<b>9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)</b> United States Army Corps of Engineers - Tulsa District (CESWT) 1645 S 101 E Avenue, Tulsa, OK 74128-4609  United States Army Corps of Engineers - Fort Worth District (CESWF-PEC-TM) 819 Taylor St., Room 3A12, Ft. Worth, TX 76102				<b>10. SPONSOR/MONITOR'S ACRONYM(S)</b> USACE	
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<b>12. DISTRIBUTION/AVAILABILITY STATEMENT</b> UU					
<b>13. SUPPLEMENTARY NOTES</b> NA					
<b>14. ABSTRACT</b> The PMP documents the resources required for the planning, execution, and completion of the performance objectives for this project. This PMP is a living document that provides a brief overview of the technical scope of the project and specifies the management structure, roles and responsibilities of project personnel, communications plan, and site access procedures that will be used to meet project objectives.					
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McKinley County, New Mexico

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Scottie Fiehler (USACE SWT, COR)	1	1
Mark Patterson (FWDA BEC)	1	1
Bill O'Donnell (BRACD)	0	1
<b>Total</b>	<b>3</b>	<b>5</b>

\*- MEC Investigations only

BRACD = U.S. Army Base Realignment and Closure Division

COR = Contracting Officer's Representative

FWDA BEC = Fort Wingate Depot Activity Base Realignment and Closure Environmental Coordinator

PM = Project Manager

USACE SWF = United States Army Corps of Engineers, Fort Worth District

USACE SWT = United States Army Corps of Engineers, Tulsa District

USACE SPK = United States Army Corps of Engineers, Sacramento District

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Fort Wingate Depot Activity  
Mc Kinley County, New Mexico

Contract No.: W912DY-10-D-0025  
Delivery Order No.: DS02

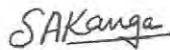
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Bobby Templin, PE  
JV Program Manager

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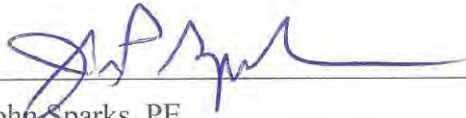
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<b>Revision Log</b>		
<b>Revision Number</b>	<b>Date</b>	<b>Summary of Changes</b>
Final PMP	09 January 2015	Incorporates responses (submitted on 12-26-14) to Army comments (received on 12-2-14)

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- 1 **LIST OF APPENDICES**
- 2 Appendix A Project Schedule
- 3 Appendix B Milestone Payment Schedule

## LIST OF ACRONYMS

1		
2		
3	AOC	Area of Concern
4	APP	Accident Prevention Plan
5	Army	United States Army
6	BEC	BRAC Environmental Coordinator
7	BRAC	Base Realignment and Closure
8	BRACD	Base Realignment and Closure Division
9	CAMU	Corrective Actions Management Unit
10	CESWF	United States Army Corps of Engineers, Fort Worth District
11	CESWT	United States Army Corps of Engineers, Tulsa District
12	CLIN	Contract Line Item Number
13	COR	Contracting Officer's Representative
14	CESWF	United States Army Corps of Engineers, Fort Worth District
15	DGM	Digital Geophysical Mapping
16	DID	Data Item Description
17	DoD	Department of Defense
18	ECM	Earth Covered Magazine
19	EMM	Earth Moving Machinery
20	FWDA	Fort Wingate Depot Activity
21	H&S	Health and Safety
22	JV	PIKA-PIRNIE JV, LLC
23	KO	Contracting Officer
24	KOA	Kickout Area
25	MC	Munitions Constituents
26	MD	Munitions Debris
27	MDSAS	Material Documented as Safe
28	MEC	Munitions and Explosives of Concern
29	MI	Multi Incremental
30	MPPEH	Material Potentially Presenting and Explosive Hazard
31	MRS	Munitions Response Site
32	NFA	No Further Action
33	NMED	New Mexico Environment Department

1	OESS	Ordnance and Explosives Safety Specialist
2	PCB	Polychlorinated Biphenyl
3	PM	Project Manager
4	PMP	Project Management Plan
5	POC	Point of Contact
6	PWS	Performance Work Statement
7	QA	Quality Assurance
8	QAR	Quality Assurance Representative
9	QC	Quality Control
10	RCRA	Resource Conservation and Recovery Act
11	RFI	RCRA Facility Investigation
12	SSHO	Site Safety and Health Officer
13	SUXOS	Senior Unexploded Ordnance Supervisor
14	SVOC	Semi-Volatile Organic Compound
15	SWMU	Solid Waste Management Unit
16	TCP	Traditional Cultural Property
17	UFP-QAPP	Uniform Federal Policy Quality Assurance Project Plan
18	USACE	United States Army Corps of Engineers
19	USAESCH	United States Army Engineering and Support Center, Huntsville
20	USEPA	United States Environmental Protection Agency
21	UXO	Unexploded Ordnance
22	UXOQCS	Unexploded Ordnance Quality Control Specialist
23	UXOSO	Unexploded Ordnance Safety Officer
24	VOC	Volatile Organic Compound
25	WERS	Worldwide Environmental Remediation Services
26	WP	Work Plan



1    **1.0 INTRODUCTION**

2    The PIKA-PIRNIE JV, LLC (JV) developed this Project Management Plan (PMP) to document  
3    the resources required for the planning, execution, and completion of the performance objectives  
4    for environmental remediation activities to be conducted at Fort Wingate Depot Activity  
5    (FWDA), New Mexico. This PMP is a living document that provides a brief overview of the  
6    technical scope of the project and specifies the management structure, roles and responsibilities  
7    of project personnel, communications plan, and site access procedures that will be used to meet  
8    project objectives. The project schedule (Appendix A) and milestone payment schedule  
9    (Appendix B) are incorporated into this PMP. A current version of this PMP with an updated  
10   schedule of milestones will be maintained throughout the project.

11   **1.1 PROJECT AUTHORIZATION**

12   The JV will complete all work associated with this project under the United States Army  
13   Engineering and Support Center, Huntsville (USAESCH) Worldwide Environmental  
14   Remediation Services (WERS) Contract W912DY-10-D-0025, Delivery Order DS02.  
15   Performance objectives, requirements, acceptance criteria, and measurement and monitoring are  
16   detailed in the Performance Work Statement (PWS) dated 14 July 2014.  
17   This delivery order has been issued and is administered by the United States Army Corps of  
18   Engineers (USACE) Tulsa District (CESWT), with oversight by the Contracting Officer (KO)  
19   and Contracting Officer’s Representatives (COR). Program, project, and site management will  
20   be provided by USACE Fort Worth District (CESWF).

21   **1.2 PROJECT OVERVIEW**

22   FWDA is a closed Army depot that covers approximately 15,277 acres of McKinley County,  
23   located approximately seven miles east of Gallup, New Mexico. The former depot is almost  
24   entirely surrounded by federally owned or administered lands including national forest and tribal  
25   lands. The mission of FWDA was to receive, store, maintain, and ship assigned materials  
26   (primarily explosives and military munitions), and to dispose of obsolete or deteriorated  
27   explosives and military munitions. The active mission of FWDA ceased as a result of the

1 Defense Authorization Amendments and Base Realignment and Closure (BRAC) Act of 1988,  
2 and the installation closed in January 1993.

3  
4 FWDA was under the administrative command of the Tooele Army Depot from 1975 to January  
5 2008. In 2002, the Army reassigned many functions at FWDA to the BRAC Division (BRACD),  
6 including property disposal, caretaker duties, management of caretaker staff, and performance of  
7 environmental restoration and compliance activities. Tooele Army Depot retained command and  
8 control responsibilities, and continued to provide support services to FWDA until January 31,  
9 2008. On January 31, 2008, command and control and support functions were transferred to  
10 White Sands Missile Range.

11  
12 As part of the planned property transfer to the Department of the Interior, FWDA has been  
13 divided into reuse parcels. Parcels transferred to date consist of Parcels 1, 15, and 17. Final  
14 environmental restoration to support property transfer/reuse of the remaining parcels has been  
15 ongoing. Environmental activities began in 2005 under Resource Conservation and Recovery  
16 Act (RCRA) Permit EPA ID No. NM 6213820974. Under the terms of this Permit, BRACD and  
17 the USACE are implementing site wide characterization and restoration. The objective of this  
18 project is to conduct environmental investigation and restoration at Parcel 20, Parcel 11, Parcel  
19 22, the Kickout Area (KOA) Munitions Response Site (MRS), and the various solid waste  
20 management units (SWMUs) and areas of concern (AOCs) within.

21  
22 **Table 1-1** summarizes the response actions for each site and the associated performance  
23 objectives for the major elements of this project. **Table 1-2** summarizes the contract line item  
24 numbers (CLINs) and associated technical approaches that will be employed to meet the  
25 performance objectives. The JV's overall technical approach is designed to meet all  
26 requirements detailed in the 14 July 2014 PWS and the performance objectives defined therein.  
27 Details regarding the approaches will be provided in the project planning documents (e.g. Work  
28 Plan, Quality Assurance Surveillance Plan, Quality Assurance Program Plan, etc.).

29

- 1 All work will be conducted in accordance with the FWDA RCRA Permit and Department of
- 2 Defense (DoD), United States Army (Army), USACE, federal, Tribal, and state of New Mexico
- 3 regulations and guidance. Project stakeholders include, but are not limited to the Army, New
- 4 Mexico Environment Department (NMED), United States Environmental Protection Agency
- 5 (USEPA) Region 6, Navajo Nation (NN), and Pueblo of Zuni (POZ)

**Table 1-1: Project Objectives**

Response Action	Objective
<b>Task 2: RFI for Parcel 20</b>	
Complete RCRA Facility Investigation (RFI)	Obtain NMED approval of RFI Report
<b>Task 3,4, and 5: Kick-Out Area (KOA) Munitions Response Site (MRS)</b>	
Complete a munitions and explosives of concern (MEC) Removal Action Work Plan for the KOA.  Complete the MEC removal action within the KOA, including SWMUs (14, 15, 33, and 74) and AOCs &76, 89, 90,91, and 92) <ul style="list-style-type: none"> <li>• Surface clearance within the Inner Fence Area</li> <li>• Subsurface clearance in all other accessible areas</li> </ul>	Obtain NMED approval on Work Plan and Final Report  Obtain NMED approval for No Further Action (NFA)
<b>Task 3.1: KOA MRS</b>	
Complete a Soil Investigation for MC at AOC 89, AOC 90, AOC 91, SWMU 14 Area Other Than Burial Areas, SWMU 15 Area Other Than Burial Areas, and SWMU 74	Obtain NMED Approval of Soils Investigation Report
<b>Option Task 1*: KOA MRS</b>	
Complete a MEC Removal Action at SWMU 14 MRS Burial Area Removal, SWMU 15 MRS, and SWMU 33 MRS  Complete a Soil Investigation for munitions constituents (MC) at: AOCs 89, 90, 91 and SWMUs 14, 15, and 74. For SWMUs 14 and 15, the sampling will be conducted in areas other than burial areas.	Obtain NMED approval for NFA  Obtain NMED approval of Soils Investigation Report
<b>Option Task 2, 3, and 4 **: KOA MRS</b>	
Complete a MEC Removal Action at the and Soil Investigation for MC at AOC 92	Obtain NMED approval for NFA
<b>Task 6: Parcel 11</b>	
Complete a MEC Investigation and Removal Work Plan for Parcel 11	Obtain NMED approval of Work Plan and Report
Complete a MEC Investigation at SWMU 40 and a MEC Removal Action at SWMU 10	Obtain NMED approval for NFA
Complete a MEC Removal Report	

**Table 1-1: Project Objectives**

Response Action	Objective
<b>Task 7: Parcel 22</b>	
Complete a MEC Investigation Work Plan for Parcel 22	Obtain NMED approval of Work and Report
Complete a MEC investigation at SWMUs 12, 27, and 70 and AOCs 88A and 88B	Obtain NMED approval for NFA
Complete a MEC Removal Report	
<b>Option Task 5: SharePoint Site</b>	
Establish SharePoint Web Based Information System	CESWF approval

1 Notes:

2 \* - All option tasks have been awarded

3 \*\* - Option tasks 3 and 4 are dependent upon the results of the Task 2 findings. Option Task 4 is Fixed Unit Price,

4 with the number of units to be activated based on the results of Task 2-

**Table 1-2: Technical Approach Overview**

<p><b>Task 1 - CLIN 0001, CLIN 0016: Project Management &amp; Administration</b></p> <ul style="list-style-type: none"> <li>• Prepare and submit PMP and Project Schedule</li> <li>• Prepare and submit Monthly Reports and Invoices</li> <li>• Conduct three meetings with project stakeholders to discuss project factors including but not limited to comments to documents, field efforts and data, lessons-learned, modifications to plans, and community relations planning.</li> <li>• Prepare and submit project plans: Accident Prevention Plan (APP), Waste Management Plan, Explosive Siting Plan, Explosive Safety Submission, Certificate of Risk Acceptance, Environmental Protection Plan, Hazardous Waste Contingency Plan, and Storm Water Pollution Prevention Plan</li> <li>• Conduct cultural resources monitoring training (provided by cultural experts from the NN and POZ for field teams prior to commencement of field activities.</li> <li>• Conduct non-intrusive cultural resources survey and inventory of each site by reviewing available USACE maps and walking sites with tribal cultural experts</li> </ul>
<p><b>Task 2 - CLIN 0002, CLIN 0015: RFI for Parcel 20</b></p> <ul style="list-style-type: none"> <li>• Prepare and submit a RFI Work Plan (WP) to include a Historical Information Summary Document, and Uniform Federal Policy Quality Assurance Project Plan (UFP-QAPP)</li> <li>• Characterize outlying anomalies and arroyo debris using visual and intrusive investigation techniques</li> <li>• Conduct trenching operations to characterize the large anomaly located in the south central portion of FTR 1</li> <li>• Collect discrete soil samples from trenches; analyze for explosives RCRA metals, perchlorate and SVOCs</li> <li>• Collect multi-incremental (MI) samples from suspected impacted areas; analyze for explosives, RCRA metals, and perchlorate</li> <li>• Collect composite surface samples, at the same locations as the MIS decision units, from suspected impact areas; analyze for SVOCs</li> <li>• Collect MI surface samples from the bermed revetment; analyze for explosives and 8 RCRA metals</li> <li>• Prepare and submit RFI Report</li> </ul>
<p><b>Tasks 3, 4, and 5 - CLIN 003, CLIN 0004, CLIN 0015: KOA MRS</b></p> <ul style="list-style-type: none"> <li>• Prepare and submit MEC Removal WP and UFP-QAPP</li> <li>• Collect MI surface soils samples from SWMU 14, SWMU 15, SWMU 74, AOC 89, AOC 90, and AOC 91; analyze for explosives, RCRA metals, and perchlorate</li> <li>• Collect composite surface soils samples from SWMU 14, SWMU 15, SWMU 74, AOC 89, AOC 90, and AOC 91; analyze for SVOCs</li> <li>• Conduct MEC, material potentially presenting and explosive hazard (MPPEH), and munitions debris (MD) subsurface clearance at Parcel 3 ICM and Non-ICM Areas</li> <li>• Conduct MEC, MPPEH, and MD surface clearance within the Inner Fence Area</li> <li>• Prepare and submit KOA Soil Investigation Report and Final Report.</li> </ul>
<p><b>Option Task 2,3, and 4 - CLIN 005, CLIN 006, CLIN 0007, CLIN 0015: AOC 92</b></p> <ul style="list-style-type: none"> <li>• Conduct subsurface MEC removal using mag and dig clearance techniques</li> <li>• Collect MI surface soils samples; analyze for explosives, RCRA metals, and perchlorate</li> <li>• Collect composite surface soils samples; analyze for SVOCs</li> <li>• Excavate contaminated soil; characterize and transport for disposal in accordance with regulations</li> <li>• Prepare and submit MEC Removal Report, Soil Investigation Report, and Completion Report</li> </ul>
<p><b>Option Task 1 - CLIN 008: SWMU 14, 15, 33, and Arroyo</b></p> <ul style="list-style-type: none"> <li>• Use hardened and/or remote controlled Earth Moving Machinery (EMM) to excavate soils from the burial areas within SWMUs 14, 15, and 33 and the adjacent arroyo</li> <li>• Sort and inspect soils; remove and destroy/dispose of MEC in accordance with guidelines</li> <li>• Conduct confirmation sampling to ensure volatile organic compounds (VOCs), SVOCs, metals, explosives,</li> </ul>

**Table 1-2: Technical Approach Overview**

<p>perchlorate, nitrate, cyanide, polychlorinated biphenyls (PCBs), dioxins, and furans are not present in concentrations above cleanup levels; continue excavations until concentrations are below cleanup levels</p> <ul style="list-style-type: none"> <li>• Characterize and transport soil for disposal in accordance with regulations</li> <li>• Backfill, contour, and hydroseed excavation areas outside of arroyo limits</li> <li>• Prepare and submit MEC Removal Report and Completion Report</li> </ul>
<p><b>Option Task 5 - CLIN 009: SharePoint Website for 5 years</b></p>
<ul style="list-style-type: none"> <li>• Create, maintain, and provide Army access to a project SharePoint Website for 5 years</li> <li>• Archive SharePoint Website documents upon completion of project</li> <li>• Prepare and submit annual Letters of Completion</li> </ul>
<p><b>Task 6 - CLIN 0010: Parcel 11</b></p>
<ul style="list-style-type: none"> <li>• Prepare and submit WP</li> <li>• Perform target reacquisition and intrusive investigations of anomalies identified in existing digital geophysical mapping (DGM) data; all SWMU 10 anomalies and a statistical sample of SWMU 40 anomalies will be investigated/removed</li> <li>• Remove and destroy/dispose of MEC in accordance with guidelines</li> <li>• Prepare and submit Investigation and Removal Report</li> </ul>
<p><b>Task 7 - CLIN 0011: Parcel 22</b></p>
<ul style="list-style-type: none"> <li>• Prepare and submit WP</li> <li>• Perform target reacquisition and intrusive investigations of anomalies identified in existing DGM data; a statistical sample of SWMU 12, SWMU 27, SWMU 70, AOC 88A, and AOC 88B anomalies will be investigated</li> <li>• Remove and destroy/dispose of MEC in accordance with guidelines</li> <li>• Prepare and submit Investigation Report</li> </ul>
<p><b>Task 8 - CLIN 0012: Corrective Actions Management Unit (CAMU)</b></p>
<ul style="list-style-type: none"> <li>• Operate CAMU in accordance with the approved permit modification for destruction and desensitization of MEC that is too dangerous to remove from FWDA</li> <li>• Conduct vegetation removal during periods of operation; all dead vegetation and live vegetation taller than 6 inches will be removed from within 200 feet of the treatment units</li> <li>• Clear CAMU after each treatment; visually clear dirt in the pit, remove ash after burns, remove scrap and MD after detonations</li> <li>• Designate temporary storage areas for recovered MEC</li> <li>• Process scrap metal or MD as Material Documented as Safe (MDAS); transport MDAS to an off-site recycler or disposal facility in accordance with applicable regulations</li> </ul>
<p><b>Task 9 - CLIN 0013: North Arroyo</b></p>
<ul style="list-style-type: none"> <li>• At the completion of all other removal activities, conduct limited brush removal as needed to facilitate MEC removal operations</li> <li>• Conduct MEC surface sweep using mag and dig procedures</li> <li>• Excavate subsurface anomalies</li> <li>• Remove and destroy/dispose of MEC in accordance with guidelines</li> <li>• Prepare and submit Letter Report</li> </ul>
<p><b>Task 10 - CLIN 0014: Maintenance</b></p>
<ul style="list-style-type: none"> <li>• Inspect and document road conditions</li> <li>• Conduct reinforced concrete inspections and repairs of low water crossings north and south of Hazardous Waste Management Unit</li> <li>• Conduct repairs of Parcel 3 roads to be used by UXO technicians</li> <li>• Perform tree and brush clearing along Parcel 3 fence right-of-way</li> </ul>

**Table 1-2: Technical Approach Overview**

<ul style="list-style-type: none"><li>• Perform maintenance of boundary and inner fence, if necessary</li><li>• Manage 8 Explosives Storage Block B Earth Covered Magazines (ECMs) under the Conditional Exemption; store MEC items in 6 ECMs, store commercial donor explosives in 2 ECMs</li><li>• Treat, certify, and dispose/recycle all stored MEC through the CAMU before turning ECM control over to the Government</li></ul>
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1    **2.0 PROJECT MANAGEMENT**

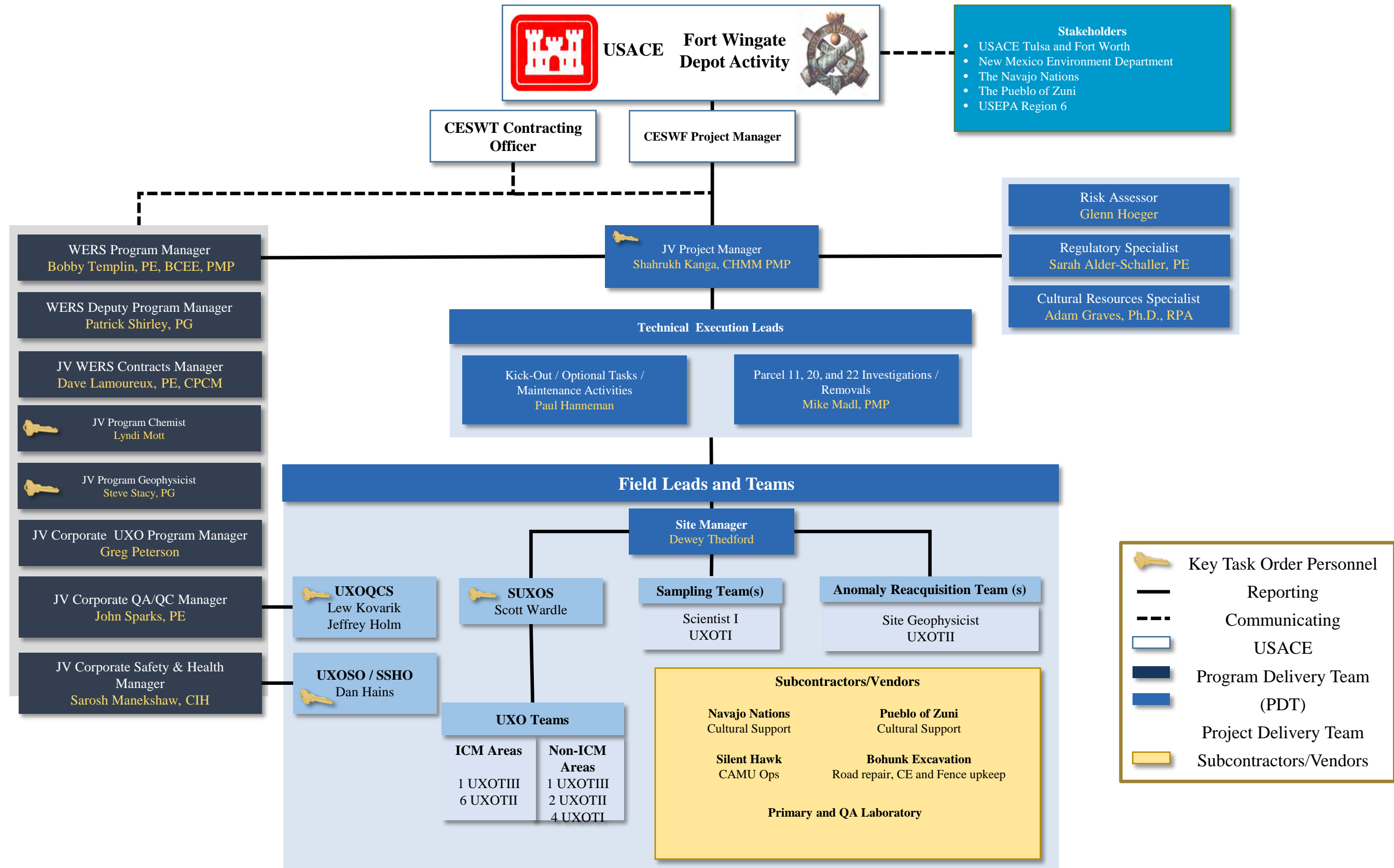
2    The JV team is led by a Project Manager (PM) who will be supported in the execution of the  
3    project by two senior Technical Execution Leads, a Site Manager, field teams, and technical  
4    specialists (i.e. Risk Assessor, Regulatory Specialist, and Cultural Resources Specialist). The JV  
5    Program Delivery Team, including our JV Program Chemist and JV Program Geophysicist, will  
6    provide oversight of project technical management. The JV Corporate Quality Assurance (QA) /  
7    Quality Control (QC) Manager will ensure all aspects of the project meet the quality and  
8    performance requirements established in the PWS, as well as the requirements provided in  
9    applicable DoD, Army, Federal, Tribal, and State of New Mexico guidance and regulations. The  
10   JV Team’s organizational chart for the project is presented on **Figure 2-1**.

11   **2.1 ROLES AND RESPONSIBILITIES**

12   Each position within the team organization carries with it a defined set of responsibilities and  
13   authorities. The roles and responsibilities of key project personnel are summarized on **Table 2-**  
14   **1**. These personnel meet the contractual requirements noted in the PWS for their respective  
15   roles. The roles and responsibilities of personnel who are not identified in the PWS as “key”  
16   personnel but who are essential to the successful management of this project are summarized on  
17   **Table 2-2**. **Table 2-3** lists roles for key project stakeholders.



# Figure 2-1: Project Organization Chart



**Legend**

- Key Task Order Personnel
- Reporting
- Communicating
- USACE
- Program Delivery Team (PDT)
- Project Delivery Team
- Subcontractors/Vendors

**Table 2-1: Key JV Personnel Roles and Responsibilities**

<p><b>PM – Shahrukh Kanga, CHMM, Project Management Professional</b></p>
<ul style="list-style-type: none"> <li>▪ Single, project-dedicated, point-of-communications with the USACE and (when appropriate) Stakeholders</li> <li>▪ Understand the task order and PWS and ensure contract objectives are met</li> <li>▪ Subcontractor management</li> <li>▪ Organize project staff and assign personnel responsibilities</li> <li>▪ Develop the PMP and supervise develop project-specific procedures and plans to ensure development in accordance with the PWS and project objectives</li> <li>▪ Develop, update, and maintain compliance with project work breakdown structure and schedule</li> <li>▪ Prepare/submit daily/monthly/weekly progress and PWS-required reports</li> <li>▪ Review all invoices and cost details</li> <li>▪ Maintain communication and coordination with USACE</li> <li>▪ Attendance at all meetings</li> <li>▪ Serving as final reviewer prior to release of project information</li> <li>▪ Directs technical, subcontractor, and administrative performance of the contract</li> <li>▪ Responsible for safety, quality, cost, schedule, regulatory compliance, contract compliance, technical performance, and customer satisfaction</li> <li>▪ Assigns and monitors, reviews, and redirects performance, as necessary</li> <li>▪ Coordinates with the JV Contracts Manager to negotiate and execute subcontract agreements</li> <li>▪ Reviews and approves deliverables, schedules, and budgets</li> <li>▪ Resolves technical and administrative problems</li> <li>▪ Communicates project status to USACE and the WERS program management team</li> <li>▪ Assigns work among the JV and its subcontractors consistent with the core competencies and project requirements.</li> <li>▪ The PM may assign a portion of these responsibilities to the Field Leads and Technical Execution Leads who will remain on site throughout the project field activities.</li> </ul>
<p><b>Program Chemist – Lyndi Mott</b></p>
<ul style="list-style-type: none"> <li>▪ Develops and enforces overall program QA standards and protocols; oversees development of the UFP-QAPP to ensure protocols are documented</li> <li>▪ Responsible for the overall management of sampling, analysis, and laboratory data in accordance with the UFP-QAPP and consistent with MEC sites to comply with required USACE procedures and guidelines</li> <li>▪ Participates in quality control reviews</li> <li>▪ Develops, implements, oversees, and enforces sample collection, analytical data management/ reporting and laboratory standards and protocols</li> </ul>
<p><b>Program Geophysicist – Stephen Stacy, Professional Geologist</b></p>
<ul style="list-style-type: none"> <li>▪ Overall management and implementation of the geophysical investigation tasks to comply with required USACE procedures and guidelines</li> <li>▪ Designs and manages the geophysical investigational operations</li> <li>▪ Directs and supports the project geophysicist(s) and ensures implementation of the geophysical investigation plans</li> <li>▪ Performs reviews of geophysical data obtained from the project site(s)</li> <li>▪ Coordinates geophysical activities with project geophysicists and works closely with the PM to ensure all geophysical task requirements are being met, including cost and schedule</li> <li>▪ Identifies and documents the composition of the proposed project geophysical team(s)</li> <li>▪ Responsible for the quality and performance of work for each member of the geophysical team(s)</li> </ul>
<p><b>Senior Unexploded Ordnance Supervisor (SUXOS) – Scott Wardle</b></p>

**Table 2-1: Key JV Personnel Roles and Responsibilities**

<ul style="list-style-type: none"> <li>▪ Provides onsite supervision of JV and subcontractor site activities and coordinates all on-site MEC activities</li> <li>▪ Provides formal review of and assists in authoring WP and APP</li> <li>▪ Ensures overall adherence to and implementation of WP and APP by the JV Team and Subcontractors</li> <li>▪ Establishes a daily communications protocol with FWDA and USACE</li> <li>▪ Works jointly with the JV PM and the Construction Contractor's site supervisor to ensure strict adherence to the project hazard communication system</li> <li>▪ Responsible for notifications and information distribution related to MEC/UXO activities</li> <li>▪ Direct responsibility for overseeing the safe operations of UXO teams on project site</li> <li>▪ Develop and implement non-conformance action plans</li> <li>▪ Conflict resolution/stop work</li> <li>▪ Coordinates with USACE OESS</li> <li>▪ Ensures adherence to QC plans and provides oversight of the USACE/JV 948 inspection and approval.</li> </ul>
<p><b>UXO Safety Officer/Site Safety &amp; Health Officer (UXOSO/SSHO) – Dan Hains</b></p>
<ul style="list-style-type: none"> <li>▪ Ensures JV Team and subcontractor compliance with the Work Plan, APP, and contract requirements</li> <li>▪ Coordinates with FWDA and USACE safety personnel, Corporate Health and Safety (H&amp;S) Manager, and subcontractors</li> <li>▪ Conducts safety portion of the daily tailgate briefings</li> <li>▪ Participates in the Construction Contractor's Tool Box Safety Meetings to discuss MEC/UXO safety issues</li> <li>▪ Provides the field crews with the knowledge they need to identify the areas where they can and cannot safely work</li> <li>▪ Conducts and documents site training related to site-specific hazards</li> <li>▪ Ensures the JV's hazard communication system is implemented and maintained</li> <li>▪ Identifies/develops on-site, modifications or new safety procedures, in conjunction with the OESS and Corporate H&amp;S Manager</li> <li>▪ Conducts visitor orientation, daily safety inspections, and weekly safety audits</li> <li>▪ Investigates and reports injuries, illnesses, accidents, incidents, and near misses</li> <li>▪ Accountable for safety equipment and its maintenance</li> <li>▪ Conflict resolution/stop work</li> <li>▪ Assists in ensuring environmental compliance requirements are followed</li> </ul>
<p><b>Unexploded Ordnance Quality Control Supervisor (UXOQCS) – Phillip Mackeprang, Jeffrey Holm, and Lew Kovarik</b></p>
<ul style="list-style-type: none"> <li>▪ Two UXOQCSs are planned to ensure adequate oversight of all personnel and activities.</li> <li>▪ Certifies compliance of work performed with the contract requirements</li> <li>▪ Ensures UXO related QA/QC</li> <li>▪ Develops and implements QC Plan Implementation</li> <li>▪ Conduct UXO QA with USACE OESS to obtain signed Form 948 for UXO clearance areas</li> <li>▪ Performs inspection and certification</li> <li>▪ Prepares/reviews daily and weekly field reports</li> <li>▪ Responsible for identifying and evaluating quality problems</li> <li>▪ Initiates, recommends or provides solutions</li> <li>▪ Approves corrective actions to ensure all work complies with stipulated contractual requirements</li> <li>▪ Conflict resolution/stop work</li> <li>▪ Assists in ensuring environmental compliance requirements are followed</li> </ul>

**Table 2-2: Non-Key, Essential Personnel Roles and Responsibilities**

<b>Technical Execution Leads – Paul Hanneman and Mike Madl, Project Management Professional</b>
<ul style="list-style-type: none"> <li>▪ Assist the PM in overall oversight and integration of safety, quality, cost, schedule, regulatory compliance, contract compliance, technical performance, and customer satisfaction</li> <li>▪ Assist the PM in routine project tracking and reporting</li> <li>▪ Provide technical direction to the Site Manager Field Leads and Teams</li> <li>▪ Advise the PM on budgeting, scheduling, and resourcing tasks</li> <li>▪ Oversee the implementation of Environmental Protection Plan, Waste Management Plan, and other management plans</li> <li>▪ Assist the PM with the development of plans, coordinating document review by stakeholders, and field task execution for clearance, remediation, investigation, and maintenance.</li> </ul>
<b>Regulatory Specialist – Sarah Alder-Schaller, Professional Engineer</b>
<ul style="list-style-type: none"> <li>▪ Ensures project team conducts services IAW all applicable Army, USEPA, NMED environmental requirements and policies and US Department of Transportation shipping requirements and policies</li> <li>▪ Point of contact for coordination and resolution of regulatory issues.</li> <li>▪ Maintains close communication and coordination with the Army to serve as a resource, as needed, for resolution of legal, regulatory, and policy concerns.</li> </ul>
<b>Cultural Resources Specialist – Adam Graves, PhD, RPA</b>
<ul style="list-style-type: none"> <li>▪ Support tribal consultation process for project scope.</li> <li>▪ Assist the PM and the team in overall compliance with the cultural resource management and in matters involving the NN and POZ.</li> </ul>
<b>Risk Assessor – Glenn Hoeger</b>
<ul style="list-style-type: none"> <li>▪ Ensures task order risk assessment (human health and ecological) goals are attained.</li> <li>▪ Develops data quality objectives in terms of risk assessment needs, and evaluates site data and to advise planning next steps for each site</li> <li>▪ Performs initial evaluation of the relative degree of risk posed at the sites.</li> </ul>
<b>Site Manager – Dewey Thedford</b>
<ul style="list-style-type: none"> <li>▪ Receives general direction of the PM and Technical Execution Leads</li> <li>▪ Manage Field Leads and Teams</li> <li>▪ Integrate the activities of the field teams with emphasis on the protection of non-UXO trained personnel</li> <li>▪ Oversees resource allocations in the field</li> <li>▪ Immediate point of contact (POC) for the UXOQCS and UXOSO/SSHO to resolve issues</li> <li>▪ Immediate POC for onsite Stakeholders and other non-JV entities, through coordination with JV PM</li> <li>▪ Resolves resource conflicts</li> <li>▪ Direct oversight of field activities</li> <li>▪ Ensures site operations are in accordance to the accepted work plans</li> </ul>

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**Table 2-3: Key Project Stakeholder Roles**

Name	Title/Role
<b>USACE, Tulsa District</b>	
Allen R. Bassett	Contracting Officer
Brian Hutchison	Contracting Specialist
Scottie Fiehler	Contracting Officer's Representative
<b>USACE, Fort Worth District</b>	
Steve Smith	FWDA Program Manager
Dennis "DJ" Meyers	FWDA Project Manager
Jackie Smith	Ordnance and Explosive Safety Specialist
Eric Kirwan	Technical Manager & Geophysicist
Angela Lane	Chemist
Nancy Parrish	Archeologist
Joseph Murphey	Historical Architect
Mike Scoville	QA Representative
<b>USACE, Sacramento District</b>	
Neal Navarro	Risk Assessor
<b>Fort Wingate Depot Activity</b>	
Mark Patterson	BRAC Environmental Coordinator
Richard Cruz	FWDA Facility Manager

1  
2

### 1 **3.0 COMMUNICATIONS PLAN**

2 Coordination and communication with project stakeholders is necessary to ensure the successful  
3 completion of this project. The JV will promote communication with the Army by using the  
4 following approaches:

- 5 • Preparing and submitting monthly status reports.
- 6 • Preparing and submitting weekly and daily status reports during field work
- 7 • Conducting monthly conference calls scheduled for the middle of the month, between  
8 status reports
- 9 • Conducting quarterly conference calls, as needed
- 10 • Conducting telephone calls as needed, per project demands
- 11 • Using electronic mail as needed to summarize project status, make requests, and answer  
12 Army questions.
- 13 • Field work coordination notices will be provided to the USACE (45 days) and the BEC  
14 coordinator and FWDA staff (10 days) prior to mobilizing field teams. This will enable  
15 the USACE/ BEC/ FWDA staff to meet the 30 day notification requirements to NMED  
16 per the RCRA permit.

17  
18 The JV will establish a secure, web-based SharePoint system or file transfer protocol site to  
19 facilitate electronic data-sharing/communication for larger documents that cannot be easily e-  
20 mailed. JV and Army team members will have access to post and transfer these files. The JV will  
21 establish access for the Army personnel. If conference calls are requested, the JV will set up  
22 conference call lines.

23  
24 Phone conferences and informal site meetings with USACE, FWDA, and any other stakeholder  
25 will be documented appropriately through follow-up e-mail(s) and summaries in the monthly  
26 status reports. The JV PM will prepare and maintain file records (e.g., meeting minutes) of all  
27 key communications throughout the duration of the task order. Teleconference minutes will be  
28 compiled and distributed to Army personnel upon completion of the meeting. Prior to submitting  
29 written correspondence to any stakeholder on behalf of the Army, the JV will ensure the  
30 documentation is signed by an Army representative unless directed otherwise.

1   **3.1 Lines of Communication**

2   Key stakeholders (i.e., USACE, FWDA, Tribes, and NMED) will be kept informed of project  
3   status, existing or potential problems, and changes required to manage the project. The JV PM  
4   will function as the primary point of contact between the JV and Army and will notify the  
5   USACE PM and COR of any contract-related issues, including those related to scope, payment  
6   milestones, or period of performance. The JV PM will collaborate with the USACE PM and, as  
7   directed, with USACE technical staff to ensure the technical approach meets project objectives.  
8   The JV Site Manager will be responsible for communications during field activities. As shown  
9   on **Table 2-1**, the Site Manager will coordinate between the Field Teams, the JV PM, and JV  
10   Technical Managers to resolve any issues and maintain project communications for the duration  
11   of field activities. The JV Site Manager will also function as the JV POC for onsite Stakeholders  
12   and other entities.

13  
14   The JV will coordinate all stakeholder communications through the Army and will not  
15   communicate directly with Tribal Leadership or NMED until Army approval is received. The  
16   JV will be utilizing the NN tribal historic preservation office and the POZ Cultural Resources  
17   Enterprise group for cultural resource monitoring during field activities, and will communicate  
18   directly with these entities. The only event in which the JV will not wait for approval is if there  
19   is an incident that requires immediate communication with an emergency response agency. All  
20   correspondence from the Army to any stakeholder will be signed by an Army representative  
21   unless otherwise directed.

22  
23   Communications regarding contractual issues will be taken to the COR or KO by the JV PM.  
24   Only the KO or COR can provide official direction to the JV. The JV will coordinate all other  
25   communications, such as with the BRAC Environmental Coordinator (BEC) or Program  
26   Manager, through the USACE PM, COR or USACE Quality Assurance Representative (QAR).  
27   Per the PWS, the JV will be allowed to directly communicate with FWDA regarding entrance  
28   and exit of security gates and other issues directly related to the security of FWDA.

1    **3.2 Regulatory Coordination**

2    All regulatory coordination will be conducted by the CESWF and FWDA BEC which are the  
3    lead agencies for coordination with NMED. The JV will not contact NMED unless given  
4    approval from the COR. The JV PM and JV Regulatory Specialist will provide the necessary  
5    support to initiate, schedule, and address all regulatory aspects of the project (e.g., organizing  
6    discussions with regulators concerning project objectives and completion requirements,  
7    obtaining regulator comments on site documents and appropriately addressing them, and  
8    obtaining written documentation of investigation completion from the regulators for the site  
9    identified in the PWS). The USACE PM, COR, BEC, or designee, will attend and represent the  
10   Army at all meetings with the regulators. The JV Team will prepare and submit minutes for all  
11   significant meetings attended. With approval of the COR, in coordination with the FWDA BEC,  
12   the JV may also informally discuss project-related items with regulators and provide an after-  
13   action report back to the COR and USACE PM. The Army will be the signature authority for all  
14   regulatory agreements and documents.

15   **3.3 Coordination With the Tribes**

16   The FWDA landscape contains historical and cultural items from the NN and POZ. Traditional  
17   cultural properties (TCPs) and other artifacts have been identified at the former depot, some  
18   within the project boundary. The JV will implement several levels of coordination with tribal  
19   representatives to ensure engagement on the project. First, the JV cultural resource manager will  
20   coordinate with the CESWF cultural resources managers (Nancy Parrish and Joe Murphey) to  
21   discuss project objectives and understand tribal-specific concerns. Input gathered during these  
22   discussions will be incorporated into project planning documents, including the EPP. The JV will  
23   not directly contact the tribal stakeholder leadership unless approved by the CESWF cultural  
24   resource managers.

25  
26   Secondly, the JV will work with cultural organizations from both tribes to provide cultural  
27   support for field activities and to train our field teams on the cultural importance of the FWDA  
28   landscape. As part of the cultural resource management efforts, the JV will review available  
29   mapping to locate known cultural resources and ensure the MEC removal and sampling



1 approaches are amended to accommodate the presence of these sites prior to conducting intrusive  
2 field activities. Site avoidance will be the primary mitigation effort employed during project  
3 planning and execution phases. With assistance from cultural resource personnel from the NN  
4 and POZ, the JV will also provide onsite training to enhance cultural safety by teaching field  
5 personnel how to identify culturally significant items and preserve them through the use of Stop  
6 Work Authority when a potentially cultural item is identified during field activities.

7  
8 The JV will also work with cultural resource personnel from both tribes to conduct surveys of  
9 cultural resources in the proposed work areas that have not been previously surveyed, and we  
10 will coordinate with them to schedule inspections of excavations and post-processed soil for item  
11 of cultural significance as work progresses. If items of cultural significance are identified, the  
12 JV will notify the tribes through CESWF, and will not publish their locations in any of the  
13 project documents that may become publicly available. Additional details for the cultural  
14 resource management at FWDA are found in Section 2.8 of the JV’s Environmental Protection  
15 Plan.

### 16 **3.4 Communications With the Public**

17 The JV will not make available or publicly disclose any data or report generated under this  
18 contract unless specifically authorized by the KO through the COR. If any person or entity  
19 requests information pertinent to the scope of work or work being conducted hereunder, the JV  
20 Team will refer them to the COR. All reports and other information generated during this  
21 project will be the property of the U.S. Government, and the JV Team will not distribute to any  
22 other entity unless authorized by the KO.

### 23 **3.5 Communication of Changes**

24 Changes associated with the execution of this project may be identified by the JV, Army, or  
25 other stakeholders. The JV will document any potential changes that may affect the project  
26 scope, schedule, and budget. All changes will be documented in a change log maintained by the  
27 JV PM. These changes may include contract and scope modifications, regulatory-directed  
28 changes to the technical approach, changed site conditions encountered during the performance

1 of the project, and personnel changes, among others. The change log will be shared with the  
2 USACE as needed and will be reviewed during the monthly project review teleconferences.  
3 Upon identification of a potential or actual change, the JV management team (program  
4 managers, PM, and quality and technical managers) will review the change and identify the  
5 potential impacts. The JV PM will notify the USACE PM and COR if any changes are  
6 determined to impact the project. The JV will then submit a change request documenting the  
7 impacts and describing the required/requested corrective action. The USACE PM and COR will  
8 evaluate the requested change and notify the JV of the review.

9  
10 If it is determined to be necessary during the discussion of specific issues, a conference call will  
11 be set up with the larger project stakeholder group. Changes that occur during field activities  
12 (such as encountering unanticipated conditions that prevent or significantly modify execution of  
13 the work plan activities) that may impact the field schedules, data quality or the nature of the  
14 data collected will require rapid notification once field teams are deployed. Under these  
15 situations, the JV PM will contact the CESWF PM and COR to notify them of the required  
16 changes, and request to contact the NMED for coordination, if required. The NMED POC will be  
17 notified by the USACE through telephone call and email of the planned changes and will be  
18 provided a copy of the field change request (as summarized above) for review.

19  
20 The JV recognizes that any changes in scope and budget require KO approval, contractual  
21 direction can only come from the KO, and technical direction only comes from the COR. No  
22 changes will be implemented without final approval by the KO/COR as appropriate. All  
23 approved changes will be documented in the planning documents (i.e., Work Plan, APP, UFP-  
24 QAPP, etc.) and/or this PMP as appropriate.

25  
26 In discussion with the USACE PM about in order to advance the Fort Wingate Depot Activity  
27 (FWDA) schedule, the Army is proposing two work plans towards the development and approval  
28 of the Kickout Area Work Plan. The two work plans being proposed are:

- 29 1. Kickout Area MEC Removal and Surface Clearance Work Plan, which includes the  
30 details necessary to conduct surface and subsurface clearance of munitions and

- 1 explosives of concern (MEC), munitions debris (MD) and other metallic debris in the  
2 Kickout area only; and
- 3 2. Kickout Area Investigation and MEC Clearance Parcel 3 AOCs and SWMUs Work Plan,  
4 which would define and articulate the balance of all MEC/MD investigations and  
5 clearances in the SWMUs and AOC, arroyos and burial pits and the required  
6 investigations and sampling that is required for this scope of work.
- 7 The final resolution of the above advanced schedule and any additional changes to this PMP will  
8 be documented in a subsequent PMP Revision submittal. The Revision Log immediately  
9 following the PMP title page will be updated to include the PMP Revision number, date of the  
10 revision, and a summary of the changes that were made.

11

1    **4.0 SITE ACCESS PROCEDURES AND POINTS OF CONTACT**

2    The JV PM will coordinate with the CESWF PM, and directly with FWDA as directed, to  
3    coordinate site access as needed throughout the project. Once onsite, JV management (PM,  
4    Technical Lead, Site Manager, SUXOS, or UXOSO/SSHO as appropriate) will directly  
5    communicate with FWDA regarding entrance and exit of security gates and other issues directly  
6    related to the security of FWDA. To this end, the JV will comply with applicable installation,  
7    facility and area commander installation/facility access and local security policies and  
8    procedures.

9  
10   At the close of each work period JV personnel will secure all equipment and materials. After all  
11   JV personnel have exited the work areas, all access gates will be locked. The JV will implement  
12   applicable key control procedures in accordance with AR 190-51. JV personnel and  
13   subcontractors will display required identification badges at all times. The JV site manager will  
14   coordinate with the USACE PM and FWDA caretaker to provide accountability of all JV  
15   personnel at site during operations.

16  
17   In the event of an emergency, onsite JV management will immediately contact emergency  
18   response agencies as necessary. Once emergency response is contacted, the onsite JV  
19   management will coordinate with the JV PM, USACE PM, and COR as required. Emergency  
20   response methods of communication will be detailed in the APP.

21  
22   Points of contact for the project management and site management personnel are provided on  
23   **Table 4-1.**

**Table 4-1: Points of Contact**

Name / Title	Office Phone	Cell Phone	E-mail Address
<b>USACE, Tulsa District</b>			
Allen R. Bassett / Contracting Officer	918-669-7136	N/A	Allen.R.Bassett@usace.army.mil
Brian Hutchison / Contracting Specialist	918-669-7426	N/A	brian.c.hutchison@usace.army.mil
Ken Kebbell / Contracting Officer's Representative	918-669-7240	918-640-3976	Kenneth.Kebbell@usace.army.mil
Scottie Fiehler / Contracting Officer's Representative	918-669-7232	918-605-6758	Scottie.Fiehler@usace.army.mil
<b>USACE, Fort Worth District</b>			
Steve Smith / Program Manager	817-886-1879	N/A	steve.w.smith@usace.army.mil
Dennis "DJ" Meyers / PM	N/A	817-609-5014	dennis.j.myers@usace.army.mil
Jackie Smith / OESS	817-886-1916	817-821-2118	jackie.g.smith@usace.army.mil
Eric Kirwan / Technical Manager & Geophysicist	N/A	817-336-2437	stephen.e.kirwan@usace.army.mil
Angela Lane / Chemist	817-866-1824	N/A	Angela.M.Lane@usace.army.mil
Neal Navarro / Risk Assessor (USACE, Sacramento District)	916-557-6948	N/A	Neal.Navarro@usace.army.mil
Nancy Parrish / Archeologist	817-866-1725	817-229-3371	Nancy.A.Parrish@usace.army.mil
Joseph Murphey / Historical Architect	817-229-1956	817-229-3371	Joseph.murphey@us.army.mil
Mike Scoville / QA Representative	817-886-1875	817-403-4931	michael.g.scoville@usace.army.mil
<b>Fort Wingate Depot Activity</b>			
Mark Patterson / BRAC Environmental Coordinator	330-358-7312	N/A	mark.c.patterson@us.army.mil
Richard Cruz / Manager	505-905-6109	505-862-2416	richard.cruz2@us.army.mil
Jessica Pigg/ Administrative Record	505-905-6108	N/A	jessica.pigg.ctr@us.army.mil
<b>PIKA-Pirnie JV, LLC</b>			
Shahrukh Kanga / PM	281-340-5525	281-734-2923	skanga@pikainc.com
Paul Hanneman / Technical Lead	303-770-1501	303-748-7881	phanneman@pikainc.com
Mike Madl / Technical Lead	817-877-9978 x 02	281-827-1754	mike.madl@arcadis-us.com
Dewey Thedford / Site Manager	N/A	281-914-2927	dthedford@pikainc.com
Scott Wardle / SUXOS	N/A	713-299-2918	swardle@pikaninc.com
Dan Hains / UXOSO / SSHO	N/A	813-810-3600	Dan.hains@arcadis-us.com
Jeffrey Holm / UXOQCS	N/A	540-645-8987	jholmeod@yahoo.ocm
Lew Kovarik / UXOQCS	N/A	740-632-1143	lkovarik@pikainc.ocm

## 1 **5.0 PROJECT MILESTONES AND SCHEDULE**

2 Project milestones provide a defined means for demonstrating completion in order to facilitate  
3 certification and approval of this PWS. Project milestones will be considered met or completed  
4 when the required QC documentation has been submitted, QA has been completed, and the  
5 submittal and/or product are accepted. Certification by the Army is contingent upon the JV  
6 Team performing in accordance with the terms and conditions of the contract, the PWS, and all  
7 amendments/options. Successful completion of a milestone will be defined as follows:

- 8 • Completion of a final submittal means that comments on the previous version have been  
9 received, addressed, and approved, and the document has received Army Approval by the  
10 COR.
- 11 • Completion of fieldwork means that the field logs and associated records (i.e. daily or  
12 weekly reports, Form 948s) and data collected or received have been submitted to the  
13 Army and received Army Approval by the COR.
- 14 • Completion of meetings means that transcripts, minutes, or other associated records have  
15 been submitted to the Army and received Army Approval by the COR.

16 The payment schedule for interim and major milestones is summarized in Appendix B. Army  
17 Approval is defined as approval by the COR or designee.

18

19 The period of performance for the base tasks and options for this TO is from 3 September 2014  
20 to 2 September 2019. A complete activity-based schedule that fully supports the technical  
21 approach and outlines the due dates for all milestones is included as Appendix A. The project  
22 schedule will be updated by the JV PM and submitted with the monthly status report, or as  
23 necessary, when significant changes are made. The schedule will include all events that impact  
24 the project and will be updated for actual task start and finish dates.

25

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**APPENDIX A**  
**PROJECT SCHEDULE**











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**APPENDIX B**  
**MILESTONE PAYMENT SCHEDULE**

**APPENDIX B  
MILESTONE PAYMENT SCHEDULE**

CLIN #	Milestone Task	Task/Option	Response Action/Deliverable	Payment Amount	Explanation / Basis of Estimate for Cost Distribution	Milestone / Proposed Interim Milestone Payments
<b>CLIN 0001</b>	<b>Project Management (Task 1)</b>			<b>\$ 193,406.00</b>		
CLIN 0001AA	Project Management Plan	Task 1	Final	\$ 8,097.00	Includes two versions: Draft and Final	100% at acceptance of Final PMP
CLIN 0001AB	Schedule	Task 1	Final	\$ 1,914.00	Includes two versions: Draft and Final	100% at acceptance of Final Schedule
CLIN 0001AC	Progress Reports	Task 1	Final	\$ 24,727.00	60 monthly progress reports IAW with the 5-year POP for the task order	20% of this CLIN at submittal of Monthly Progress Report #12 20% of this CLIN at submittal of Monthly Progress Report #24 20% of this CLIN at submittal of Monthly Progress Report #36 20% of this CLIN at submittal of Monthly Progress Report #48 20% of this CLIN at submittal of Final Monthly Progress Report
CLIN 0001AD	Communications Meetings	Task 1	Final	\$ 35,714.00	Includes three meetings	33.33% at acceptance of Meeting Minutes #1, #2, and #3
CLIN 0001 AE	Accident Prevention Plan	Task 1	Final	\$ 35,039.00	Includes two versions: Draft and Final	75% at Approval of Draft Document 25% at Approval of Final Document
CLIN 0001AF	Waste Management Plan	Task 1	Final	\$ 10,519.00	Includes two versions: Draft and Final	75% at Approval of Draft Document 25% at Approval of Final Document
CLIN 0001AG	Explosive Siting Plan	Task 1	Final	\$ 12,159.00	Includes two versions: Draft and Final	75% at Approval of Draft Document by Army 25% at Approval of Final Document by DDESB
CLIN 0001AH	Explosive Safety Submission	Task 1	Final	\$ 19,618.00	Includes two versions: Draft and Final	75% at Approval of Draft Document by Army 25% at Approval of Final Document by DDESB
CLIN 0001AI	Cert of Risk Assessment (CORA)	Task 1	Final	\$ 8,620.00	Includes two versions: Draft and Final	75% at Approval of Draft Document by Army 25% at Approval of Final Document by BRAC
CLIN 0001AJ	Environmental Protection Plan	Task 1	Final	\$ 14,928.00	Includes two versions: Draft and Final	75% at Approval of Draft Document 25% at Approval of Final Document
CLIN 0001AK	Hazardous Waste Contingency Plan	Task 1	Final	\$ 6,276.00	Includes two versions: Draft and Final	75% at Approval of Draft Document 25% at Approval of Final Document
CLIN 0001AM	Storm Water Pollutions Prevention Plan	Task 1	Final	\$ 15,795.00	Includes two versions: Draft and Final	75% at Approval of Draft Document 25% at Approval of Final Document
<b>CLIN 0002</b>	<b>RFI for Parcel 20 (Task 2)</b>			<b>\$ 383,104.00</b>		
CLIN 0002AA	Parcel 20 Work Plan	Task 2.0	Army Draft	\$ 30,949.00	Includes two versions: Army Draft and Tribal Draft Cost included in Task 2.1 in the cost breakdown	100% at Approval of Army Draft
CLIN 0002AB	Parcel 20 Work Plan	Task 2.1	Final	\$ 10,316.00		100% at Approval of Final
CLIN 0002AC	Revetment	Task 2.2	1 Sample (30 sub samples) Completed with an CENWO FORM 948 & Letter of Completion.	\$ 614.00	Amortized costs using weighted averages from the Samples and Analytical Tab.	100% at issuance of CENWO Form 948 & Letter of Completion
CLIN 0002AD	FTR 1	Task 2.2	100 Samples + 50 Samples Completed with an CENWO FORM 948 & Letter of Completion.	\$ 178,191.00	Amortized costs using weighted averages from the Samples and Analytical Tab.	50% at issuance of CENWO Form 948 & Letter of Completion for 50 Discrete Samples + 25 MIS Samples  50% at issuance of CENWO Form 948 & Letter of Completion for 50 Discrete Samples + 25 MIS Samples
CLIN 0002AE	FTR 1 QA	Task 2.2	30 Samples Completed with an CENWO FORM 948 & Letter of Completion.	\$ 36,867.00	Amortized costs using weighted averages from the Samples and Analytical Tab.	50% at issuance of CENWO Form 948 & Letter of Completion for 15 Samples  50% at issuance of CENWO Form 948 & Letter of Completion for 15 Samples
CLIN 0002AF	FTR 1 SVOC Samples	Task 2.2	1 Sample (6 subsamples) Completed with an CENWO FORM 948 & Letter of Completion.	\$ 15,976.00	Amortized costs using weighted averages from the Samples and Analytical Tab.  Cost includes 50 Composite Samples	50% at issuance of CENWO Form 948 & Letter of Completion for 25 Samples  50% at issuance of CENWO Form 948 & Letter of Completion for 25 Samples

**APPENDIX B  
MILESTONE PAYMENT SCHEDULE**

CLIN #	Milestone Task	Task/Option	Response Action/Deliverable	Payment Amount	Explanation / Basis of Estimate for Cost Distribution	Milestone / Proposed Interim Milestone Payments
CLIN 0002AG	Parcel 20 Anomaly Investigation	Task 2.2	Anomaly removal completed with an CENWO FORM 948 & Letter of Completion.	\$ 54,858.00		100% at issuance of CENWO Form 948 & Letter of Completion
CLIN 0002AH	Parcel 20 Final Report	Task 2.2	Army Draft	\$ 41,500.00	Includes two versions: Army Draft and Tribal Draft Cost included in Task 2.3 in the cost breakdown	100% at Approval of Army Draft
CLIN 0002AI	Parcel 20 Final Report	Task 2.3	Final	\$ 13,833.00		100% at Approval of Final
<b>CLIN 0003</b>	<b>Kick-Out Area (KOA) MRS (2355 Acres) (Task 3, 4 and 5)</b>			<b>\$ 11,409,451.00</b>		
CLIN 0003AA	KOA Work Plan	Task 3	Army Draft	\$ 68,269.00	Includes two versions: Army Draft and Tribal Draft	100% at Approval of Army Draft
CLIN 0003AB	KOA Work Plan	Task 3	Final	\$ 22,756.00		100% at Approval of Final
CLIN 0003AC	KOA Soil Investigation (only in AOC 76, 89, 90, 91, SWMU 74, and the areas of SWMUs 14 and 15 OTHER THAN burial removal portions of SWMUs 14 and 15)	Task 3.1	120 Samples (50 MIS sub per sample) completed with an CENWO FORM 948 & Letter of Completion.	\$ 121,450.00		50% at issuance of CENWO Form 948 & Letter of Completion for 60 Samples 50% at issuance of CENWO Form 948 & Letter of Completion for 60 Samples
CLIN 0003AD	KOA MRS 100 Acres	Task 4	MEC Removal IAW PWS completed with an CENWO FORM 948 & Letter of Completion.	\$ 470,580.00	Distributed total cost for Sub-Surface Clearance of non-ICM and ICM areas within KOA (except inner fence) in Government provided increments	25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres
CLIN 0003AE	KOA MRS 100 Acres	Task 4	MEC Removal IAW PWS completed with an CENWO FORM 948 & Letter of Completion.	\$ 470,580.00	Distributed total cost for Sub-Surface Clearance of non-ICM and ICM areas within KOA (except inner fence) in Government provided increments	25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres
CLIN 0003AF	KOA MRS 100 Acres	Task 4	MEC Removal IAW PWS completed with an CENWO FORM 948 & Letter of Completion.	\$ 470,580.00	Distributed total cost for Sub-Surface Clearance of non-ICM and ICM areas within KOA (except inner fence) in Government provided increments	25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres
CLIN 0003AG	KOA MRS 100 Acres	Task 4	MEC Removal IAW PWS completed with an CENWO FORM 948 & Letter of Completion.	\$ 470,580.00	Distributed total cost for Sub-Surface Clearance of non-ICM and ICM areas within KOA (except inner fence) in Government provided increments	25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres
CLIN 0003AH	KOA MRS 100 Acres	Task 4	MEC Removal IAW PWS completed with an CENWO FORM 948 & Letter of Completion.	\$ 470,580.00	Distributed total cost for Sub-Surface Clearance of non-ICM and ICM areas within KOA (except inner fence) in Government provided increments	25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres
CLIN 0003AI	KOA MRS 100 Acres	Task 4	MEC Removal IAW PWS completed with an CENWO FORM 948 & Letter of Completion.	\$ 470,580.00	Distributed total cost for Sub-Surface Clearance of non-ICM and ICM areas within KOA (except inner fence) in Government provided increments	25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres
CLIN 0003AJ	KOA MRS 100 Acres	Task 4	MEC Removal IAW PWS completed with an CENWO FORM 948 & Letter of Completion.	\$ 470,580.00	Distributed total cost for Sub-Surface Clearance of non-ICM and ICM areas within KOA (except inner fence) in Government provided increments	25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres
CLIN 0003AK	KOA MRS 100 Acres	Task 4	MEC Removal IAW PWS completed with an CENWO FORM 948 & Letter of Completion.	\$ 470,580.00	Distributed total cost for Sub-Surface Clearance of non-ICM and ICM areas within KOA (except inner fence) in Government provided increments	25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres



CLIN #	Milestone Task	Task/Option	Response Action/Deliverable	Payment Amount	Explanation / Basis of Estimate for Cost Distribution	Milestone / Proposed Interim Milestone Payments
CLIN 0003AY	KOA MRS 100 Acres	Task 4	MEC Removal IAW PWS completed with an CENWO FORM 948 & Letter of Completion.	\$ 470,580.00	Distributed total cost for Sub-Surface Clearance of non-ICM and ICM areas within KOA (except inner fence) in Government provided increments	25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres
CLIN 0003AZ	KOA MRS 100 Acres	Task 4	MEC Removal IAW PWS completed with an CENWO FORM 948 & Letter of Completion.	\$ 470,580.00	Distributed total cost for Sub-Surface Clearance of non-ICM and ICM areas within KOA (except inner fence) in Government provided increments	25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres
CLIN 0003BA	KOA MRS 100 Acres	Task 4	MEC Removal IAW PWS completed with an CENWO FORM 948 & Letter of Completion.	\$ 470,580.00	Distributed total cost for Sub-Surface Clearance of non-ICM and ICM areas within KOA (except inner fence) in Government provided increments	25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 25 acres
CLIN 0003BB	KOA MRS 55 Acres	Task 4	MEC Removal IAW PWS completed with an CENWO FORM 948 & Letter of Completion.	\$ 249,131.00	Distributed total cost for Sub-Surface Clearance of non-ICM and ICM areas within KOA (except inner fence) in Government provided increments	50% at issuance of CENWO Form 948 & Letter of Completion for 27.5 acres 50% at issuance of CENWO Form 948 & Letter of Completion for 27.5 acres
CLIN 0003BF	KOA Final Report	Task 5	Draft	\$ 52,002.00	Includes two versions: Army Draft and Tribal Draft (Includes completion reports for Task 4, <del>Task 3.1</del> , Option 1, Option 2, <del>Option 3</del> and Option 4)	100% at Approval of Army Draft
CLIN 0003BG	KOA Final Report	Task 5	Final	\$ 17,334.00		100% at Approval of Final
CLIN 0003BH	KOA (Parcel 3) Soil Investigation	Task 3.2	Draft Final	\$ 41,377.00	Includes two versions: Army Draft and Tribal Draft (Includes completion reports Task 3.1, Option 3)	100% at Approval of Army Draft
CLIN 0003BI	KOA (Parcel 3) Soil Investigation	Task 3.2	Final	\$ 13,792.00		100% at Approval of Final
<b>CLIN 0004</b>	<b>Inner Fence (319 Acres) (Task 3)</b>			<b>\$ 2,402,776.00</b>		
CLIN 0004AA	Inner Fence (50 Acres)	Task 3	Surface Clearance completed with an CENWO FORM 948 & Letter of Completion.	\$ 376,515.00	Distributed total cost for Surface Clearance of Inner Fence in Government provided increments Cost included in Task 4 of the cost spreadsheet	25% at issuance of CENWO Form 948 & Letter of Completion for 12.5 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 12.5 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 12.5 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 12.5 acres
CLIN 0004AB	Inner Fence (50 Acres)	Task 3	Surface Clearance completed with an CENWO FORM 948 & Letter of Completion.	\$ 376,515.00	Distributed total cost for Surface Clearance of Inner Fence in Government provided increments Cost included in Task 4 of the cost spreadsheet	25% at issuance of CENWO Form 948 & Letter of Completion for 12.5 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 12.5 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 12.5 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 12.5 acres
CLIN 0004AC	Inner Fence (50 Acres)	Task 3	Surface Clearance completed with an CENWO FORM 948 & Letter of Completion.	\$ 376,515.00	Distributed total cost for Surface Clearance of Inner Fence in Government provided increments Cost included in Task 4 of the cost spreadsheet	25% at issuance of CENWO Form 948 & Letter of Completion for 12.5 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 12.5 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 12.5 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 12.5 acres
CLIN 0004AD	Inner Fence (50 Acres)	Task 3	Surface Clearance completed with an CENWO FORM 948 & Letter of Completion.	\$ 376,515.00	Distributed total cost for Surface Clearance of Inner Fence in Government provided increments Cost included in Task 4 of the cost spreadsheet	25% at issuance of CENWO Form 948 & Letter of Completion for 12.5 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 12.5 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 12.5 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 12.5 acres
CLIN 0004AE	Inner Fence (50 Acres)	Task 3	Surface Clearance completed with an CENWO FORM 948 & Letter of Completion.	\$ 376,515.00	Distributed total cost for Surface Clearance of Inner Fence in Government provided increments Cost included in Task 4 of the cost spreadsheet	25% at issuance of CENWO Form 948 & Letter of Completion for 12.5 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 12.5 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 12.5 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 12.5 acres
CLIN 0004AF	Inner Fence (50 Acres)	Task 3	Surface Clearance completed with an CENWO FORM 948 & Letter of Completion.	\$ 376,515.00	Distributed total cost for Surface Clearance of Inner Fence in Government provided increments Cost included in Task 4 of the cost spreadsheet	25% at issuance of CENWO Form 948 & Letter of Completion for 12.5 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 12.5 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 12.5 acres 25% at issuance of CENWO Form 948 & Letter of Completion for 12.5 acres



**APPENDIX B  
MILESTONE PAYMENT SCHEDULE**

CLIN #	Milestone Task	Task/Option	Response Action/Deliverable	Payment Amount	Explanation / Basis of Estimate for Cost Distribution	Milestone / Proposed Interim Milestone Payments
CLIN 0004AG	Inner Fence (19 Acres)	Task 3	Surface Clearance completed with an CENWO FORM 948 & Letter of Completion.	\$ 143,686.00	Distributed total cost for Surface Clearance of Inner Fence in Government provided increments Cost included in Task 4 of the cost spreadsheet	50% at issuance of CENWO Form 948 & Letter of Completion for 9.75 acres 50% at issuance of CENWO Form 948 & Letter of Completion for 9.75 acres
<b>CLIN 0005</b>	<b>AOC 92 (Option 2)</b>			<b>\$ 527,020.00</b>		
	AOC 92 MRS	Option 2	MEC Removal and Soil Investigation IAW PWS Option 2 completed with an CENWO FORM 948 & Letter of Completion.			
CLIN 0005AA	AOC 92 MRS (5 Acre)	Option 2	MEC Removal and Soil Investigation IAW PWS Option 2 completed with an CENWO FORM 948 & Letter of Completion.	\$ 131,755.00	Distributed total cost for MEC Removal IAW Option 2 in Government provided increments	100% at issuance of CENWO Form 948 & Letter of Completion
CLIN 0005AB	AOC 92 MRS (5 Acre)	Option 2	MEC Removal and Soil Investigation IAW PWS Option 2 completed with an CENWO FORM 948 & Letter of Completion.	\$ 131,755.00	Distributed total cost for MEC Removal IAW Option 2 in Government provided increments	100% at issuance of CENWO Form 948 & Letter of Completion
CLIN 0005AC	AOC 92 MRS (5 Acre)	Option 2	MEC Removal and Soil Investigation IAW PWS Option 2 completed with an CENWO FORM 948 & Letter of Completion.	\$ 131,755.00	Distributed total cost for MEC Removal IAW Option 2 in Government provided increments	100% at issuance of CENWO Form 948 & Letter of Completion
CLIN 0005AD	AOC 92 MRS (5 Acre)	Option 2	MEC Removal and Soil Investigation IAW PWS Option 2 completed with an CENWO FORM 948 & Letter of Completion.	\$ 131,755.00	Distributed total cost for MEC Removal IAW Option 2 in Government provided increments	100% at issuance of CENWO Form 948 & Letter of Completion
<b>CLIN 0006</b>	<b>AOC 92 Soil Sampling (Option 3)</b>			<b>\$ 191,414.00</b>		
	Samples	Option 3	Soil Samples 185 completed with an CENWO FORM 948 & Letter of Completion.	\$ 191,414.00	A total of 200 samples estimated IAW PWS to include 20% QA/QC Samples	50% at issuance of CENWO Form 948 & Letter of Completion for 100 Samples 50% at issuance of CENWO Form 948 & Letter of Completion for 100 Samples
<b>CLIN 0007</b>	<b>AOC 92 Soil Removal (Option 4)</b>			<b>\$ 38,164.00</b>		
	Soil (185 CY) removal	Option 4	Removal and Backfill completed with an CENWO FORM 948 & Letter of Completion.	\$ 38,164.00	Includes removal, characterization, transportation and disposal of one DU (185 CY) of in-place soils	100% at issuance of CENWO Form 948 & Letter of Completion

**APPENDIX B  
MILESTONE PAYMENT SCHEDULE**

CLIN #	Milestone Task	Task/Option	Response Action/Deliverable	Payment Amount	Explanation / Basis of Estimate for Cost Distribution	Milestone / Proposed Interim Milestone Payments
<b>CLIN 0008</b>	<b>SWMU 14, 15, 33 AND Arroyo</b>			<b>\$ 4,111,438.00</b>		
CLIN 0008AA	SWMU 14 Burial Area Removal and Arroyo	Option 1	MEC Removal and Soil Sampling IAW PWS Option 1 completed with an CENWO FORM 948 & Letter of Completion	\$ 3,900,542.00	Distributed total cost for Field Work using weighted average based on Soil Volumes	20% at issuance of CENWO Form 948 & Letter of Completion as documented in progress reports 20% at issuance of CENWO Form 948 & Letter of Completion as documented in progress reports 20% at issuance of CENWO Form 948 & Letter of Completion as documented in progress reports 20% at issuance of CENWO Form 948 & Letter of Completion as documented in progress reports 20% at issuance of CENWO Form 948 & Letter of Completion as documented in progress reports
CLIN 0008AB	SWMU 14 and Arroyo	Option 1	Soil Investigation completed with an CENWO FORM 948 & Letter of Completion	\$ 66,585.00	Distributed total cost for the report in the same % split as for the soil volumes	75% at Approval of Army Draft Document 25% at Approval of Final Document
CLIN 0008AC	SWMU 15 Burial Area Removal	Option 1	MEC Removal and Soil Investigation IAW PWS Option 1 completed with an CENWO FORM 948 & Letter of Completion	\$ 108,337.00	Distributed total cost for Field Work using weighted average based on Soil Volumes	100% at issuance of CENWO Form 948 & Letter of Completion
CLIN 0008AF	SWMU 15	Option 1	Soil Investigation	\$ 1,849.00	Distributed total cost for the report in the same % split as for the soil volumes	75% at Approval of Army Draft Document 25% at Approval of Final Document
CLIN 0008AG	SWMU 33	Option 1	MEC Removal and Soil Investigation IAW PWS Option 1 completed with an CENWO FORM 948 & Letter of Completion	\$ 33,552.00	Distributed total cost for Field Work using weighted average based on Soil Volumes	100% at issuance of CENWO Form 948 & Letter of Completion
CLIN 0008AH	SWMU 33	Option 1	Soil Investigation completed with an CENWO FORM 948 & Letter of Completion	\$ 573.00	Distributed total cost for the report in the same % split as for the soil volumes	75% at Approval of Army Draft Document 25% at Approval of Final Document
<b>CLIN 0009</b>	<b>SharePoint Website (5 Years) (Option 5)</b>			<b>\$ 32,074.00</b>		
CLIN 0009AA	Year 1	Option 5	Create and Maintain completed with a Letter of completion	\$ 6,225.00		100% at issuance of Letter of Completion
CLIN 0009AB	Year 2	Option 5	Create and Maintain completed with a Letter of completion	\$ 6,319.00		100% at issuance of Letter of Completion
CLIN 0009AC	Year 3	Option 5	Create and Maintain completed with a Letter of completion	\$ 6,413.00		100% at issuance of Letter of Completion
CLIN 0009AD	Year 4	Option 5	Create and Maintain completed with a Letter of completion	\$ 6,510.00		100% at issuance of Letter of Completion
CLIN 0009AE	Year 5	Option 5	Create and Maintain completed with a Letter of completion	\$ 6,607.00		100% at issuance of Letter of Completion
<b>CLIN 0010</b>	<b>Parcel 11</b>			<b>\$ 306,511.00</b>		
CLIN 0010AA	Parcel 11 Work Plan	Task 6.0	Army Draft Work Plan	\$ 22,336.00	Includes two versions: Army Draft and Tribal Draft Cost included in Task 6.1 in the cost breakdown	100% at Approval of Army Draft

**APPENDIX B  
MILESTONE PAYMENT SCHEDULE**

CLIN #	Milestone Task	Task/Option	Response Action/Deliverable	Payment Amount	Explanation / Basis of Estimate for Cost Distribution	Milestone / Proposed Interim Milestone Payments
CLIN 0010AB	Parcel 11 Work Plan	Task 6.1	Final Work Plan	\$ 7,445.00	Includes one version: Final	100% at Approval of Final
CLIN 0010AC	Parcel 11 Field Work	Task 6.2	Anomaly investigation completed with an CENWO FORM 948 & Letter of Completion	\$ 25,871.00	Includes SWMU 40 Cost. Distributed total cost for Field Work (reacquisition and intrusive investigations) using weighted average based on total anomalies to be investigated between SWMU 40 and SWMU 10	100 % at issuance of CENWO Form 948 & Letter of Completion
CLIN 0010AD	Parcel 11 Field Work SWMU 10 MEC Removal (7 Acres)	Task 6.2	MEC Removal IAW KOA MRS Requirements completed with an CENWO FORM 948 & Letter of Completion	\$ 221,230.00	Includes SWMU 10 Cost. Distributed total cost for Field Work (reacquisition and intrusive investigations) using weighted average based on total anomalies to be investigated between SWMU 40 and SWMU 10	50% at issuance of CENWO Form 948 & Letter of Completion at investigation of 50% total anomalies 50% at issuance of CENWO Form 948 & Letter of Completion at investigation of 50% total anomalies
CLIN 0010AE	Parcel 11 Final Report	Task 6.2	Army Draft Final Report	\$ 22,222.00	Includes two versions: Army Draft and Tribal Draft Cost included in Task 6.3 in the cost breakdown	100% at Approval of Army Draft
CLIN 0010AF	Parcel 11 Final Report	Task 6.3	Final Report	\$ 7,407.00	Includes one version: Final	100% at Approval of Final
<b>CLIN 0011</b>	<b>Parcel 22</b>			<b>\$ 169,767.00</b>		
CLIN 0011AA	Parcel 22 Work Plan	Task 7.0	Army Draft Work Plan	\$ 18,231.00	Includes two versions: Army Draft and Tribal Draft Cost included in Task 7.1 in the cost breakdown	100% at Approval of Army Draft
CLIN 0011AB	Parcel 22 Work Plan	Task 7.1	Work Plan	\$ 6,077.00	Includes one version: Final	100% at Approval of Final
CLIN 0011AC	Parcel 22 Field Work - Anomaly Reacquisition	Task 7.2	Anomaly investigation completed with an CENWO FORM 948 & Letter of Completion	\$ 119,598.00	Includes anomaly reacquisition and investigation IAW PWS	100 % at issuance of CENWO Form 948 & Letter of Completion
CLIN 0011AD	Parcel 22 Final Report	Task 7.2	Army Draft Final Report	\$ 19,396.00	Includes two versions: Army Draft and Tribal Draft Cost included in Task 7.3 in the cost breakdown	100% at Approval of Army Draft
CLIN 0011AE	Parcel 22 Final Report	Task 7.3	Final Report	\$ 6,465.00	Includes one version: Final	100% at Approval of Final
<b>CLIN 0012</b>	<b>Corrective Actions Management Unit (CAMU)</b>			<b>\$ 1,900,107.00</b>		
	CAMU Operations	Task 8	Use and Maintenance	\$ 1,900,107.00	CAMU Operations in Year 2-Year 4 (CY 2016-CY 2018) for estimated field schedule	Invoiced on a monthly basis during field activities as documented in the Progress Reports.
<b>CLIN 0013</b>	<b>North Arroyo</b>			<b>\$ 38,248.00</b>		
	North Arroyo	Task 9	MEC Clearance after all of Parcel 3 is completed with an CENWO FORM 948 & Letter of Completion.	\$ 38,248.00	Includes Field Work and a Letter Report after completion of field activities	100% at issuance of CENWO Form 948 & Letter of Completion
<b>CLIN 0014</b>	<b>Maintenance</b>			<b>\$ 335,174.00</b>		
CLIN 0014AA	Roads (6 miles)	Task 10.1	Maintenance completed with an CENWO FORM 948 & Letter of Completion.	\$ 49,020.00	Includes three events of Road Maintenance	33.33% at issuance of CENWO Form 948 & Letter of Completion for Road Maintenance #1 33.33% at issuance of CENWO Form 948 & Letter of Completion for Road Maintenance #2 33.34% at issuance of CENWO Form 948 & Letter of Completion for Road Maintenance #3
CLIN 0014AB	Fence line along Parcel 3 boundary	Task 10.2	Brush and tree clearing 2 times during the life of the project. completed with an CENWO FORM 948 & Letter of Completion.	\$ 156,133.00	Includes two events for Fence Maintenance	50% at issuance of CENWO Form 948 & Letter of Completion for Fence Maintenance #1 50% at issuance of CENWO Form 948 & Letter of Completion for Fence Maintenance #2

**APPENDIX B  
MILESTONE PAYMENT SCHEDULE**

CLIN #	Milestone Task	Task/Option	Response Action/Deliverable	Payment Amount	Explanation / Basis of Estimate for Cost Distribution	Milestone / Proposed Interim Milestone Payments
CLIN 0014AC	Management of the Earth Covered Magazines (ECM)	Task 10.3	Maintenance completed with an CENWO FORM 948 & Letter of Completion.	\$ 130,021.00	Includes Management of the CE Igloos upon Contract Award until POP is completed	20% at issuance of CENWO Form 948 & Letter of Completion after 12 months of management 20% at issuance of CENWO Form 948 & Letter of Completion after 24 months of management 20% at issuance of CENWO Form 948 & Letter of Completion after 36 months of management 20% at issuance of CENWO Form 948 & Letter of Completion after 48 months of management 20% at issuance of Final CENWO Form 948 & Letter of Completion for management
<b>CLIN 0015</b>	<b>Mobilization and Demobilization</b>			<b>\$ 620,820.00</b>		
CLIN 0015AA	Mobilization to the site	General	Mobilization to the site	\$ 310,410.00	Distributed Total Line Item Cost equally between Mob/Demob CLINS	40% at Initial Mobilization to the Site 40% at Mobilization after First Winter Shut-Down 20% at Mobilization after Second Winter Shut-Down
CLIN 0015AB	Demobilization from the site	General	Demobilization from the site	\$ 310,410.00	Distributed Total Line Item Cost equally between Mob/Demob CLINS	40% at Demobilization for First Winter Shut-Down 40% at Demobilization for Second Winter Shut-Down 20% at Demobilization from the Site
CLIN 0015AC	Per Diem	General	Per Diem	Included Above	Included in Mobilization/Demobilization CLINS	
<b>CLIN 0016</b>	<b>Administration</b>			<b>\$ 3,791,606.00</b>		
CLIN 0016AA	Site Office	General	Site Office Admin	\$ 3,016,188.00	Includes Labor, Material, ODCs for Site Office Management to include Site Manager, SUXOS, UXOSO, UXOQCS, and Field Office Assistant	Invoiced on a monthly basis during field activities as documented in the Progress Reports.
CLIN 0016AB	Home Office	General	Home Office Admin	\$ 775,418.00	Includes Labor, Material, ODCs for Home Office Project Management Activities	Invoiced on a monthly basis during task order administration as documented in the Progress Reports.
CLIN 0016AC	Meetings	General 8.8	TPP, Kick-off Meeting, Annual Meetings, BRAC Meetings, BCT Meetings	No Cost	TPP meetings deleted from the PWS Amend 03 and Q&A # 5708760	