Install Above Ground Fuel Storage Fuel Tanks, Pumps, and Removal Actions
at
Central Washington NWR Complex

Company Name: _____ **Primary Contact name:** _____

Phone Number: _____ **Email Address:** _____

Business Address: _____

DUNS/UEI Number: _____ **Date:** _____

PRICE SCHEDULE

Item No.	Item Description	Estimated Quantity	Unit	Unit Price	Total Cost
Task 01	Base Bid: Conboy NWR Pump, Clean, Recycle and Remove Old Fuel Tank (1) 1,000-gallon split 500/500	1	Activity Unit		
Task 02	Base Bid: Conboy NWR Provide and Install New Fuel Tank and Pump Accessories (1) 1,000-gallon split 500/500	1	EA		
Task 03	Base Bid: Columbia NWR Pump, Clean, Recycle and Remove Old Fuel Tanks (2) 1,000-gallon and (1) 500-gallon	1	Activity Unit		
Task 04	Base Bid: Columbia NWR Provide and Install New Fuel Tanks and Pump Accessories (1) 1,000-gallon split 500/500	1	EA		
Task 05	Base Bid: Hanford Reach ALE Unit Pump, Clean, Recycle and Remove Old Fuel Tanks (2) 1,000-gallon split 500/500	1	Activity Unit		
Task 06	Base Bid: Columbia and Conboy Lake NWR Drain, store and transfer fuel to new tanks	1	Activity Unit		
	FIRM FIXED PRICE TOTAL: $_____				

ALTERNATIVE QUOTATION – ADDITIVE AND/OR DEDUCTIVE ITEMS

Item No.	Item Description	Estimated Quantity	Unit	Unit Price	Total Cost
07	Option 1: Columbia NWR Pump, Clean, Recycle and Remove Used Oil Tank	1	Activity Unit		
08	Option 2: Conboy NWR Provide and Install Pre-Engineered Metal Canopy Cover Over Fuel Tank	1	Activity Unit		
	FIRM FIXED PRICE TOTAL: $_____				

EA=Each

*The Contracting Officer Representative (COR) must review invoices, bills of lading, and manifests prior to submission to the IPP system. Any modification (additions) to the contract must be approved by the Contracting Officer (CO) in advance of any work being completed. The COR does not have the authority to approve any modifications unless approved by the CO. Incomplete bids will be considered non-responsive and may not be evaluated for award.

(End of Price Schedule)

STATEMENT OF WORK

1.0 GENERAL

1.1 Background

The Central Washington National Wildlife Refuge (NWR) Complex manages over 200,000 acres of diverse blends of habitats, species, and recreational opportunities. The primary focus of this contract is to pump, remove and recycle fuel, used oil and materials, installation of a pre-engineered metal canopy and installation of new above ground fuel storage tanks and pump accessories compliant with current state and federal laws and code compliance.

The existing concrete and steel above ground storage tanks and used oil tanks have reached beyond their useful life and do not meet the current needs of the complex.

The Central Washington NWR Complex has multiple refuges throughout the complex: Columbia National Wildlife Refuge, Conboy Lake National Wildlife Refuge, Toppenish National Wildlife Refuge and Hanford Reach National Monument Arid Lands Ecology (ALE) Reserve Unit. Specific project location addresses can be found in Section 3.1.

2.0 SCOPE OF WORK

2.1 Base Bid Requirements

The Contractor shall provide all personnel, transportation, materials, services, and equipment necessary for each location identified in Section 1.1 and 3.1. All work must fully comply with the transport, storage and disposal provisions of the Resource Conservation and Recovery Act (RCRA) as well as all other applicable federal, state, and local laws and regulations. The Contractor shall be responsible for obtaining, maintaining, and paying for permits, approvals, and inspections required for all work performed under this contract, in compliance with all applicable federal, state, and local laws, regulations, and codes. Copies of all permits and approvals shall be provided to the Contracting Officer's Representative (COR) prior to commencing the associated work, and the Contractor shall coordinate all work with the COR to ensure compliance with all applicable requirements.

The Contractor shall not assume that any generator qualifies as a Very Small Quantity Generator (VSQG) or is otherwise exempt.

The Contractor shall discuss each site with the COR prior to commencing work. Each site is accessible by all-weather highway and gravel access roads, except gated entries. The Contractor must coordinate with the COR for gate access to each site compound.

2.1.2 Conboy Lake NWR

2.1.2.1 **Task One**

The Contractor shall remove and properly recycle/dispose of one (1) above ground storage tank: 1,000-gallon (500/500) split diesel and gasoline concrete Convault tank. In addition, remove and recycle/dispose of all pump and tank accessories and disconnect electrical.

The tank is one (1) 1,000-gallon diesel concrete Convault off-road diesel and gasoline split (500/500) tank with no residual grit found with approximately 2 inches or less of diesel

and gasoline fuel remaining. The tank measures 6 feet by 11 feet. The remaining fuel, grit and sludge will need to be pumped, recycled for fuel blending or energy recovery, and the tanks cleaned, pumps and accessories removed and all disposed/recycled appropriately. The Contractor shall provide all rinse water. All electric connections shall be disconnected and the emergency shut off. Photographs are included in Attachment 3. Refer to Section 2.3 through 8 for additional requirements, specific tasks and manifest/bill of lading requirements.

2.1.2.2 **Task Two**

A. The Contractor shall provide and install one (1) 1,000-gallon split (500/500) Flameshield (or similar approved item) UL-2085 listed, 2-hour 2,000F fire-test rating, double walled steel with no less than 10 gauge for interior and exterior tank, round horizontal cylindrical above-ground fuel tank for storage of off-road diesel and gasoline at near atmospheric pressure with pump and metered accessories and services, manufactured by companies who license their tanks through the Steel Tank Institute. Coating system shall be applied according to manufacturer's recommendations. All exterior surfaces of the steel must be effectively protected against corrosion and thermal extremes using a two-part system (urethane primer and urethane paint). Contractor shall protect the slab and bollards from damage during installation. Contractor shall acknowledge and verify the proximate distance between the proposed new tank installation and the existing propane tank. The existing fuel tank and propane tank distance currently violates applicable codes. The Contractor shall connect the tank system to the emergency shutoff system and verify that all required separation distances comply with current applicable codes, while coordinating with the Refuge Project Leader and COR.

All new AST tank(s) and pump accessories shall meet the requirements set forth in Section 2.3 Additional Requirements and sub section 2.3.2 Product Requirements that encompass all task orders and options.

Installation, testing and marking of the tank(s) shall comply with all applicable federal, state, and local laws, regulations, codes, and ordinances, as well as the standards referenced in Sections 8 and 9.

2.1.3 Columbia NWR

2.1.3.1 **Task Three**

The Contractor shall remove three (3) above ground storage tanks: two (2) 1,000-gallon concrete Convault tanks of off-road diesel and on-road diesel and one (1) 500-gallon concrete Convault tank of gasoline.

All tanks shall be pumped of all remaining fluids, solids and cleaned. The off-road diesel tank has approximately 19.34 (approximately 780 gallons) inches of fuel and residual grit. The tank measures 5.75 feet by 11.25 feet. The on-road diesel tank has approximately 19.34 (approximately 780 gallons) inches of fuel and residual grit. The tank measures 5.75 feet by 11.25 feet. The gasoline fuel tank has approximately 7.9 (approximately 250 gallons) inches of fuel. The tank measures 4.5 feet by 11.25 feet. The Contractor shall provide all rinse water. The remaining fuel, grit and sludge will need to be pumped, recycled for fuel

blending or energy recovery, and the tanks cleaned, pumps and accessories removed and all disposed/recycled appropriately. The tanks shall be removed off site and recycled. Photographs are included in Attachment 2. Refer to Section 2.3 through 8 for additional requirements, specific tasks and manifest/bill of lading requirements.

2.1.3.2 **Task Four**

The Contractor shall provide and install one (1) 1,000-gallon split (500/500) Flameshield (or similar approved item) UL-2085 listed, 2-hour 2,000F fire-test rating, double walled steel with no less than 10 gauge for interior and exterior tank, round horizontal cylindrical above-ground fuel tank for storage of off-road diesel and gasoline at near atmospheric pressure with pumps and metered accessories and services, manufactured by companies who license their tanks through the Steel Tank Institute. Coating system shall be applied according to manufacturer's recommendations. All exterior surfaces of the steel must be effectively protected against corrosion and thermal extremes using a two-part system (urethane primer and urethane paint). The Contractor shall connect the tank system to the emergency shutoff system and verify that all required separation distances comply with current applicable codes, while coordinating with the Refuge Project Leader and COR.

All new AST tank(s) and pump accessories shall meet the requirements set forth in Section 2.3 Additional Requirements and sub section 2.3.2 Product Requirements that encompass all task orders and options.

Installation, testing and marking of the tank(s) shall comply with all applicable federal, state, and local laws, regulations, codes, and ordinances, as well as the standards referenced in Sections 8 and 9.

2.1.4 Hanford Reach National Monument ALE Reserve Unit

2.1.4.1 **Task Five**

There are two tanks located at this site. Tank 1 is one (1) 1,000-gallon steel split on/off road diesel round tank with approximately 34 inches of on-road diesel and 29 inches of off-road diesel and residual grit. The tank measures 13.2 feet by 4.8 feet. Tank 2 is one (1) 1,000-gallon steel split 500/500 diesel and gasoline with approximately 32 inches in diesel and 5 inches of water, and 0 inches of gasoline fuel, water and residual grit. The tank measures 13.2 feet by 4.8 feet. The Contractor shall provide all rinse water. All electric connections shall be disconnected and the emergency shut off. The remaining fuel, grit and sludge will need to be pumped, recycled for fuel blending or energy recovery, and the tanks cleaned, pumps and accessories removed and all disposed/recycled appropriately. Refer to attachment #4 for photos. Refer to Section 4 through 8 for specific tasks and manifest/bill of lading requirements.

2.1.5 Columbia and Conboy Lake NWR

2.1.5.1 **Task Six**

The fuel remaining in the tanks at Columbia and Conboy Lake is suitable for future use by the refuges and should be preserved. The Contractor shall be responsible for draining the

fuel, storing it appropriately, and transferring it into the new above ground storage tanks after the tanks have been installed, tested, and approved for service.

2.2 Additive (Optional Line Items/ Tasks)

2.2.1 Columbia NWR

2.2.1.1 **Optional Task Seven**

Based on generator knowledge, the steel Used Oil tank only contains motor oil. The Contractor shall remove one (1) 300-gallon steel Used Oil tank and all liquid and solids. The Used Oil tank contains approximately 6 inches or less of remaining oil to be recycled appropriately. The tank measures 30 inches width by 70 inches length by 38 inches height. The Contractor shall provide all rinse water. The tank shall be removed off site and recycled. Photographs are included in Attachment 2. Refer to Section 2.3 through 8 for additional requirements, specific tasks and manifest/bill of lading requirements.

2.2.2 Conboy Lake NWR

2.2.2.1 **Optional Task Eight**

The Contractor shall provide and install one (1) prefabricated, engineered, freestanding metal structure with a single-slope roof with open walls. The structure shall cover the new above ground storage fuel tank and the existing 500-gallon propane tank. The metal structure must be designed to withstand site-specific wind, and snow loads in accordance with applicable federal and state laws, regulations, and building design standards. The roof shall be sloped so that snow sheds to the back of the tanks, away from operational areas. The metal structure must be anchored to the existing concrete slab, bonded between all conductive components, and the structure connected to an approved grounding system. The structure shall provide adequate clearance between the propane and fuel tanks in accordance with NFPA 30 and NFPA 58, allow full ventilation to prevent vapor accumulation, and maintain unobstructed access for inspection, maintenance, and emergency shutdowns. Refer to Attachment #3 for the current slab and tank layout, and photos. For proposal and submittals, the contractor shall submit plans showing structure size, roof slope, anchoring, tank(s) layout, clearances and ventilation, snow load/wind load design and warranty.

2.3 Additional Requirements

2.3.1 Period of Performance/ Schedule

2.3.1.1 Pre-work meeting shall commence within 45 days or less after receipt of Notice to Proceed.

2.3.1.2 The preferred work schedule shall be March through November. Work performed outside the preferred window is dependent on weather conditions.

2.3.1.3 The Contractor must have all services completed no later than August 30th, 2027. Final report must be finalized no later than September 30, 2027.

2.3.2 Product Requirements (Applicable to All Task Orders and Options)

2.3.2.1 **Fuel Storage Tanks (ASTs)**

A. General Requirements
The Contractor shall provide new above ground storage tanks (ASTs) that are UL-2085 listed (Flameshield or similar approved item) double-walled steel construction, and horizontal cylindrical in configuration. Tanks shall be designed for storage of petroleum products at near atmospheric pressure and shall be manufactured by companies licensed through the Steel Tank Institute. All tanks shall be constructed of steel meeting ASTM A-36 standards

B. Anchorage and Support
Tanks shall be anchored in accordance with manufacturer recommendations to a concrete pad or slab/ground. Anchorage may include 3/8-inch 18-8 galvanized or stainless-steel cable secured to embedded eyebolts with turnbuckles. Cable contact points shall include protective insulation (e.g., neoprene pad), to prevent damage to the tank. Tanks shall be designed to resist uplift from hurricanes, tornadoes, floods or high-water events. Tanks shall be mounted on integral steel skids providing a minimum of four (4) inches above ground/slab and provide full-width structural support.

C. Leak Detection
The tank(s) shall be equipped with a through-tank leak detection monitoring tube with a glass sight tube terminating between the primary and the secondary containment. An interstitial monitoring device, such as a Krueger Sentry Gauge Model K-2 or approved equal, shall be provided. The gauge shall read in feet and inches and shall be located for convenient viewing from the fill port.

D. Spill / Overfill Containment
The tank system shall include a minimum seven (7) gallon spill/overfill container integral to the tank and surrounding the fill pipe. The container shall be protected by a minimum two (2) hour fire-rated enclosure.

The overfill containment system shall not be discharged into the interstitial space. The container shall include a lockable lid, a push-type drain that returns spilled product to the main tank, and a stick port. The sump height shall not exceed twelve (12) inches above the top of the tank and not restrict normal filling operations.

E. Overfill Protection
The tank shall be provided with overfill protection be one of the following methods:

1. A direct-reading level gauge visible from the fill point
2. An automatic shutoff valve set to close at ninety-five percent (95%) capacity; or
3. A high-level alarm set to activate at ninety-five percent (95%) capacity of the tank.

An acceptable gauge is the Morrison 918F or approved equal. The gauge shall read in feet and inches and be visible from the fill location. The Contractor shall provide product data and operating manuals for the selected overfill protection device.

F. Tank Openings and Appurtenances
The tank shall be provided with openings and port for fill, supply (suction), fuel level gauge, interstitial leak detection, atmospheric venting, and emergency venting for both primary and secondary tanks. Atmospheric vents shall discharge upward and shall terminate not less than twelve (12) feet above grade.

G. Electrical and Protection Systems
The tanks shall be grounded using zinc grounding rod and bonded to all associated conductive components. Cathodic protection shall be provided where the tank is installed on a concrete slab. The Contractor shall connect the tank system to the emergency shutoff system.

H. Corrosion Protection
All exterior tank surfaces shall be protected against corrosion using a two-part coating system consisting of a urethane primer and a urethane topcoat. Any damage to the coating occurring during installation shall be repaired by the Contractor using the same coating system at no additional cost to the Government.

2.3.2.2 **Dispensing Pump Unit and Accessories**

A. General Requirements
The Contractor shall provide and install a UL-listed, electrically operated dispensing pump rated at fifteen (15) gallons per minute (GPM). The pump shall be mounted on top of the tanks with a capacity of 1,000 gallons or less and side-mounted on tanks exceeding 1,000 gallons using manufacturer-provided mounting brackets.

B. Flow Requirements
Nozzles used for dispensing gasoline or methanol into motor vehicles shall have a maximum flow rate of ten (10) gallons per minute. This requirement shall not apply to dispensing systems dedicated exclusively to heavy equipment, marine vessels, or aircraft.

C. Safety Valves
Where product piping extends below the top of the tank, the system shall include a shut-off valve and a normally closed safety valve. The safety valve shall be an approved anti-siphon valve or electric solenoid valve.

D. Pump Location and Security
The dispensing unit shall be installed on the side of the tank nearest to the vehicles to be serviced. The unit shall be equipped with a locking mechanism to prevent unauthorized use.

E. Pump System Components
The dispensing system shall include, at a minimum, the following components:

1. A filter designed to prevent spillage during replacement.
2. A minimum twenty (20) foot UL-listed fuel hose is compatible with the product dispensed.
3. Meter
4. An automatic shutoff nozzle.
5. A replaceable breakaway coupling.
6. A whip hose
7. An anti-siphon (backflow) valve or electric solenoid valve; and
8. A grounding feature.

F. Calibration and Testing

The Contractor shall calibrate all fuel gauges and provide a water-resistant chart indicating tank volume in relation to gauge readings. The Contractor shall test the fuel storage and dispensing system to verify proper operation, confirm that the system is leak-free, and ensure satisfactory performance. Any deficiencies identified during testing shall be corrected and the system retested.

G. Site Cleanup

Upon completion of the work, the Contractor shall remove all materials, equipment, and debris and shall leave the site in a clean and orderly condition. The Contractor shall be responsible for the containment, cleanup, and proper disposal of any spilled fuels, oils, or other fluids resulting from work performed under this contract, in accordance with all applicable federal, state, and local laws and regulations.

2.4 Technical Approach

Provide a technical approach for the removal of solid waste and non-hazardous and any hazardous materials identified for each task to the COR prior to commencement of work.

3.0 PROJECT LOCATION AND AVAILABILITY

3.1 Project Location – Attachment #1

- 3.1.1 Columbia NWR – 51 S. Morgan Lake Road Othello, WA 99344-144
- 3.1.2 Conboy Lake NWR - 100 Wildlife Refuge Road, Glenwood, WA 98619
- 3.1.3 Hanford Reach (ALE) Unit 46.391433, -119.53306, 66520 ALE Road, 106 Gate, West Richland, WA 99354

3.2 Work Hours:

- 3.2.1 Normal work hours at the refuges are 7:30am to 4:30pm, Monday through Friday, excluding Holidays. Coordinate with COR and refuge for access to the site.
- 3.2.2 Additional hours outside normal work hours may be requested and are subject to approval by the refuge Project Leader or the COR. Any request to work additional hours must be submitted to the COR no later than three (3) business days prior.

3.3 Staging Area

- 3.3.1 Staging Area for storage of new above ground fuel tanks and accessories awaiting installation may be approved by the COR and refuge Project Leader. Contractors shall not create a waste consolidation area before transport to disposal facility for energy recovery, fuel blending and recycling.

3.4 Site Visit

3.4.1 See Site Visit document attached.

3.5 **Technical Coordinators**

3.5.1 Contracting Officer's Representative:

Provided after award.

4.0 CONTRACTOR – FURNISHED PROPERTY AND SERVICE

4.1 Property and Services

4.1.1 The Contractor shall provide all personnel, transportation, materials, services, and equipment to perform all tasks.

4.1.2 Duties include mobilization, removal of any non-hazardous/hazardous waste materials at all sites, removal of all solid waste, EPA/RCRA identification numbers, manifesting, bill of lading, transporting, disposal/recycle of wastes, waste profiles, demobilization, and providing USFWS COR a copy of all documentation, disposal receipts, and a summary report. The contractor is responsible for cleanup, disposal, and additional cost of any spills occurring because of their actions related to this removal.

4.2 Personnel

4.2.1 The contractor shall furnish all necessary qualified personnel to perform testing, removal, transportation, and disposal of the waste materials. Furthermore, the Contractor shall ensure that personnel performing work under this contract are properly trained, qualified, and certified, as applicable, in accordance with all relevant 40 CFR, 29 CFR, and Department of Transportation (DOT) regulatory requirements.

4.3 Manifesting/ Bill of Lading

4.3.1 The contractor must provide the bill of lading or manifest at least 3 business days in advance of any pickup for disposal/recycle. The COR will review and approve the bill of lading or manifest for accuracy.

4.4 RCRA Site ID Number

4.4.1 RCRA Site ID numbers may need to be acquired by the contractor to facilitate disposal, transport and recycling at each site. Coordinate with COR.

5.0 GOVERNMENT FURNISHED MATERIALS

5.1 Site Location/Map

5.1.1 Sites are identified in the attached maps with coordinates and addresses. See Attachment 1.

5.2 Above Ground Fuel Storage Tank Checklist

5.2.1 See separate Attachment 5_Above Ground Fuel Storage Checklist pdf. This checklist is a guide for reviewing installations of Aboveground Storage Tanks (ASTs) for flammable and combustible liquids. This checklist addresses some, but not all, safety issues involved in fuel tank installations. Most of the design criteria are found in the current NFPA 30 (2018), Flammable and Combustible Liquids Code, NFPA 30A (2018), Motor Fuel Dispensing Facilities and Repair Garages, or is established by the State in which the tank is located.

5.3 Water

5.3.1 Contractor must coordinate with COR during pre-work meeting to discuss water needs. Contractor must provide rinse water if streams and rivers are inaccessible. Contractor must provide rinse water to Hanford Reach.

5.4 Site Photos

5.4.1 See Attachment 2 for Columbia NWR.

5.4.2 See Attachment 3 for Conboy Lake NWR

5.4.3 See Attachment 4 for Hanford Reach

6.0 SPECIFIC TASKS

6.1 Waste Analysis

6.1.1 The Contractor shall sample and analyze any suspect hazardous wastes for the determination of proper disposal using hazardous categorization or a lab accredited under the Washington or Oregon Environmental Laboratory Accreditation Program (ORELAP). Furthermore, the Contractor shall obtain the EPA ID number for any hazardous waste identified for manifest documentation and disposal actions.

6.2 Removal

6.2.1 The Contractor shall complete removal actions as outlined in Section 1.2.

6.3 Transportation

6.3.1 Transportation of all waste must comply with all applicable WADOE, ODEQ, DOT, state, and federal regulations. All bill of ladings and/or manifests must be approved by the USFWS at least 3 working days in advance of any pickup.

6.4 Waste Disposal

6.4.1 The Contractor shall dispose of the wastes at an appropriate landfill or Transportation, Storage, and Disposal Facility (TSDF) certified by the WADOE or federal government.

6.5 Recycling

6.5.1 The Contractor shall recycle all salvageable metals and concrete at each location. Any funds collected for the recycled materials must be returned to the government via check.

6.6 Warranty

6.6.1 The Contractor shall provide full detail information/details on available commercial standard warranty for tank and all accessories.

6.7 Summary Report

6.7.1 The Contractor shall submit a summary report of all the tasks including all receipts for waste disposal, photographs, warranties, testing and inspection approval to the USFWS COR. The report must be structured and organized clearly; to include, but not limited to a table of contents, introduction, narrative and photos of each site, daily log, and attachments (i.e. waste manifest/ bill of lading, disposal records, any analytical results, weight tickets for disposal, profiles for disposal facilities, etc).

7.0 PACKAGING, LABELING AND STANDARDS

7.1 Packaging

7.1.1 The Contractor shall package, mark, label, and load all items in such a manner that applicable federal, state, and local government laws and regulations are met.

7.2 Labeling

7.2.1 All above ground fuel tanks shall be properly labeled and compliant with applicable federal, state, and local regulations, including but not limited to NFPA 30 and OSHA Hazard Communication requirements. If a pressure-sensitive label, ink or paint stenciling, or other method is used, it shall comply with the requirements in the Standard for Marking and Labeling Systems, UL 969; be suitable for outdoor use and exposure to fuels and gasoline; and have a minimum surface temperature rating of 140º F. The UL-2085 nameplate permanently attached to the tank. The markings shall be in a size and style of type corresponding to 18-point Franklin Gothic (1/4 inch high letters) or equivalent.

7.2.2 Labeling of ports on tank:
- 7.2.2.1 Atmospheric Vent
- 7.2.2.2 Two (2) Emergency Vent: Primary and Secondary tank
- 7.2.2.3 Interstitial Space

7.2.3 Labeling of each tank:
- 7.2.3.1 AST Tank Number assigned and provided to Minnesota EPA
- 7.2.3.2 "Volume (ex. 500)" Gallons sign on each side
- 7.2.3.3 "Product (ex. On-Road Diesel, Gasoline)" signs on each side.
- 7.2.3.4 "No Smoking" signs on each side.
- 7.2.3.5 "Hazard Warning (ex. Flammable, Combustible)" sign on each side.
- 7.2.3.6 "NFPA Chemical Hazard Label" on each side.
- 7.2.3.7 Sulfur Content Sticker for Diesel Tanks "15 ppm or 500 ppm as required"

7.3 Standards

7.3.1 In case of differences between building codes, state laws, local ordinances, utility company regulations, and contract documents, the most stringent shall govern. The codes and standards listed are the latest as of this publication. Codes and standards are continuously updated. The Contractor shall confirm the construction standard edition enforced by the authority having jurisdiction.

7.3.2 The manufacture and installation of aboveground storage tank systems described in this section shall adhere to the following standards and regulatory requirements:
- 7.3.2.1 Underwriters Laboratory Inc.
- 7.3.2.2 Standard for Steel Aboveground Tanks for Flammable and Combustible Liquids, Standard UL 2085
- 7.3.2.3 Control Equipment for Use with Flammable Liquid Dispensing Devices, UL 1238
- 7.3.2.4 Pipe Connectors for Flammable and Combustible Liquids and LP-Gas, UL 567
- 7.3.2.5 Powered-operated Dispensing Devices for Petroleum Products, UL 87
- 7.3.2.6 Valves for Flammable Fluids, UL 842
- 7.3.2.7 UL Listed Non-Metal Pipe, UL 971

7.3.3 Petroleum Equipment Institute
- 7.3.3.1 Recommended Practices for Installation of Aboveground Storage Systems for Motor Vehicle Fueling, PEI/RP200
- 7.3.3.2 Recommended Practices for Installation and Testing of Vapor Recovery Systems at Vehicle Fueling Sites, PEI/RP300

7.3.4 Southwest Research Institute

7.3.4.1 SWRI 97-04, Southwest Research Institute, "Fire Tested Tank Performance Standard"

7.3.5 Steel Tank Institute

7.3.5.1 Standard for Flameshield ® (or similar approved item) Standard for Fire Tested Tanks, F-001-01

7.3.5.2 Recommended Practice for Corrosion Protection of Underground Piping Networks Associated with Liquid Storage and Dispensing Systems, R892

7.3.5.3 Standard for Inspection of In-Service Shop Fabricated Aboveground Tanks for Storage of Combustible and Flammable Liquids, SP001-00

7.3.6 National Fire Protection Association

7.3.6.1 Flammable and Combustible Liquids Code, NFPA 30, 2015

7.3.6.2 Automotive and Marine Service Station Code, NFPA 30A, 2015

7.3.6.3 National Electric Code, NFPA 70, 2023

A. Article 250 (grounding and bonding)

B. Article 514/515 (fueling and hazardous locations)

7.3.7 Washington Department of Ecology

7.3.8 Oregon Department of Environmental Quality

7.3.9 Department of Transportation

7.3.9.1 Washington DOT

7.3.9.2 Oregon DOT

7.3.10 Occupational Safety and Health Standards, OSHA

7.3.10.1 Flammable and Combustible Liquids, 29CFR 1910.106

7.3.10.2 Personal Protective Equipment 29CFR 1910 Subpart I

7.3.10.3 Excavations 29CFR 1926.650 Subpart P

7.3.11 Environmental Pollution Agency (EPA)

7.3.11.1 Comply with all 40 CFR laws and regulations

7.3.11.2 Clean Water Act and Oil Pollution Act of 1990

7.3.11.3 Spill Prevention, Control and Countermeasure (SPCC) Plans, 40 CFR 112, 113 and 114.

8.0 DELIVERABLES

8.1 Submittals

8.1.1 The Contractor shall submit for approval the manufacturer's name, tank data, materials of construction, UL listing, installation instructions and warranty. In addition, product data for all accessories include manufacturer's literature, printed installation instructions, diagrams, test results, parts list and detailed warranty.

8.1.2 Specifications – drawings and/or product data sheets and descriptive material for components.

8.1.2.1 Above Ground Storage Fuel Tank

A. Principle dimensions, type of steel used in construction of tank, gauge of steel used for interior and exterior metal shell, markings, weight, color, port locations, port markings, fitting schedule, skids, warranty information.

8.1.2.2 All Pumps and Accessories

A. Provide data to include but not be limited to the following:

1. Coating system, spill containment basin, clock type fuel quantity gauge and other spill prevention devices installed, piping for atmospheric vent, emergency vent(s) (main tank and interstitial space), Interstitial leak detection indicator, dispensing unit and accessories.

8.1.2.3 Drawings

A. Drawings of the tank(s) by the tank manufacturer and pump accessories. Assembly and installation drawings and instructions for parts not assembled at the factory.

8.1.2.4 Testing

A. Pressure testing results performed during manufacturing. Testing instructions for tank.

8.2 Draft

8.2.1 The contractor will submit a summary report, photographs, analysis, disposal weight tickets, disposal receipts, inspection approvals, and any additional supporting documentation. The contractor will submit draft electronic copies to the USFWS COR for review. The USFWS will have 15 business days to provide written comments.

8.3 Final

8.3.1 The contractor will incorporate Government furnished comments received on the drafts into final documents. The final report should be submitted to the COR electronically.

9.0 INSPECTION/ ACCEPTANCE AND PAYMENT

9.1 Inspection

9.1.1 The Contractor shall obtain all required permits for fuel tank installation work. All installations shall be completed, inspected, tested and approved in accordance with applicable local, state, and federal laws, codes, regulations and manufacturer requirements prior to final inspection and acceptance by the USFWS.

9.1.2 The Government will perform one hundred (100) percent inspections and approve required deliverables to ensure that all contract specifications have been met.

9.2 Acceptance

9.2.1 Final inspection and acceptance of all services and deliverables to be provided under each Task order will be made by the COR upon receipt of the completed invoice and all applicable receipts.

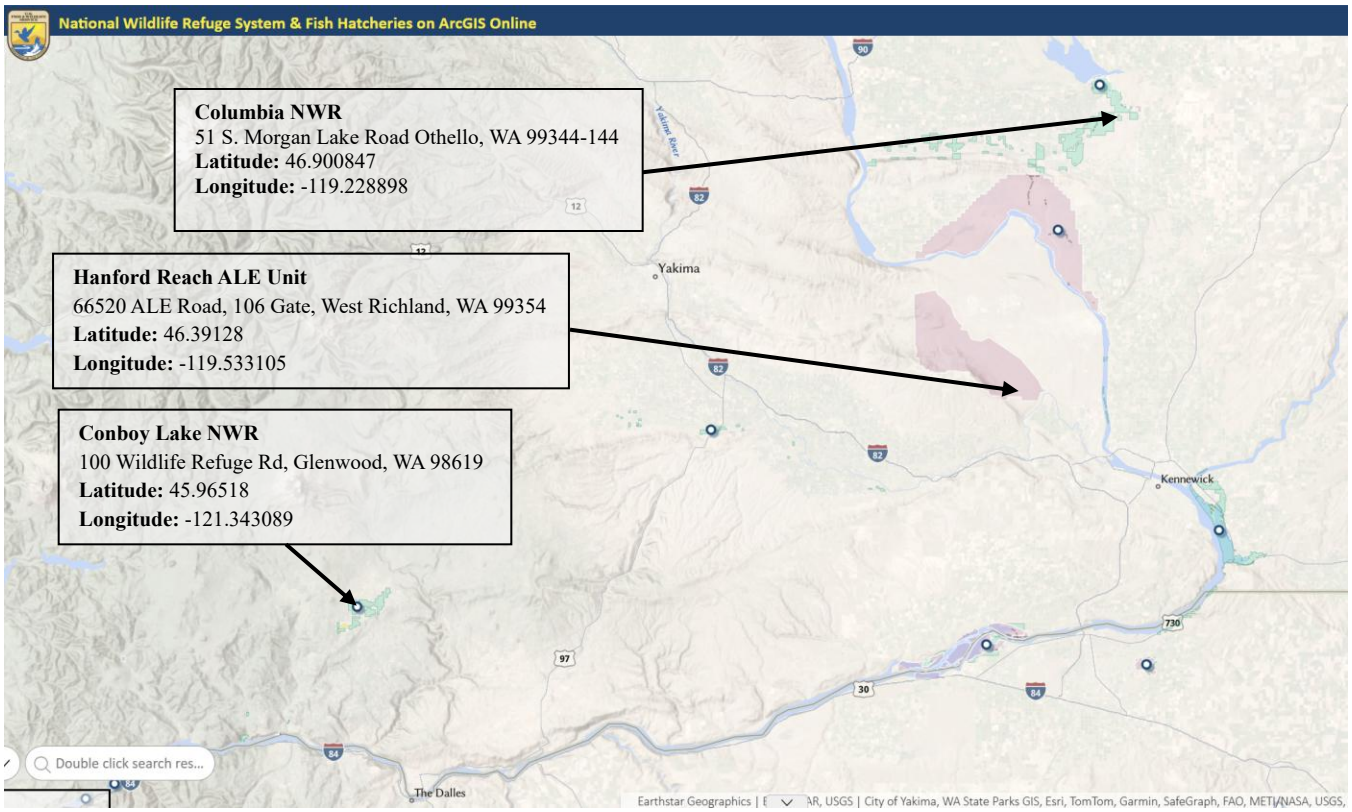
9.3 Payment

9.3.1 Invoices for payment may be submitted for each task after the wastes have been removed, properly disposed of and the COR/CO has completed inspection and received an approved final report with manifests, bills of lading, disposal receipts and weight tickets.

9.3.2 Final payment request shall be submitted in a timely manner following COR acceptance of the final summary report, receipt of all required warranties, as-built drawings, and any other closeout documentation required under the contract.

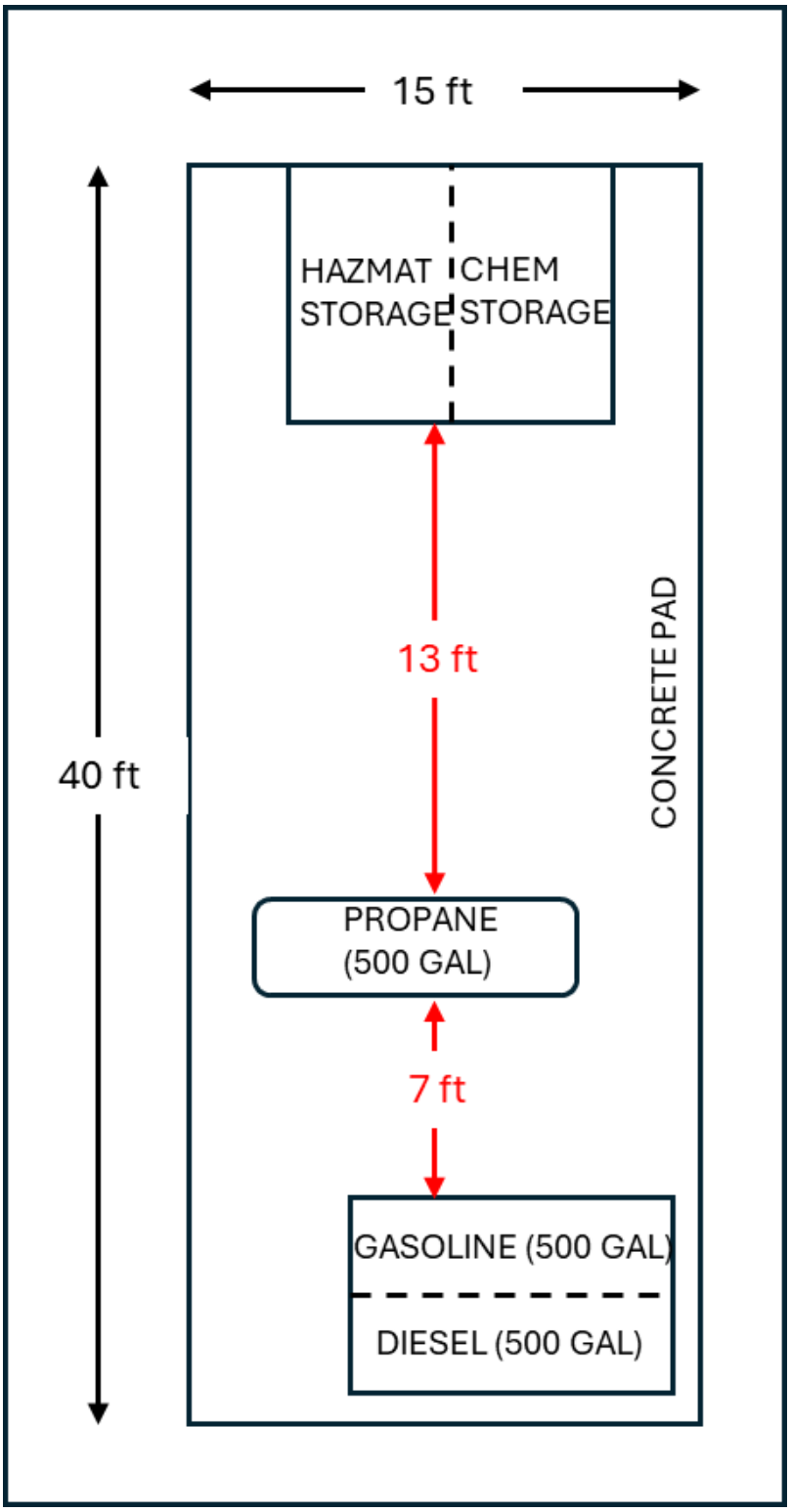
(End of Statement of Work Section)

Attachment 1 – Map



Attachment 2 – Columbia NWR Site Photos

Attachment 3 – Conboy NWR Site Photos



Attachment 4 – Hanford Reach Site Photos