
REPLACE PIPING AND INSTALL DISPENSER
ON ABOVE GROUND STORAGE TANK
CHESAPEAKE BEACH DETACHMENT (CBD), MD.
PW-5065

General:

This is to address the request to replace leaking fuel pipe, and install a new fuel dispenser at the Navy Pier, CBD, Md.

Scope of Work:

Provide all labor, materials, equipment and tools necessary to replace all existing steel fuel piping with marine flex hose. Replace existing fuel dispenser and fueling hose on pier. Cap existing fuel discharge piping on Above Ground Storage Tank (AST) and provide top mount piping for new marine hose system. Install emergency cut-off station for fueling system.

Schedule of Work:

The Contractor shall provide all necessary labor, equipment, parts and supplies to:

- a. Contractor shall drain AST and store fuel for re-filling tank, disconnect and remove all existing steel fuel piping and pipe hangers, from AST to fuel dispenser on pier. Contractor shall disconnect and remove fuel dispenser located on pier. Contractor shall cap existing fuel discharge on bottom of AST, remove old piping from inside of dike and patch holes in dike.
- b. Contractor shall supply and install a Gas Boy Single Hose Suction Pump Dispenser, Model 9853 kdf with optional stainless steel enclosure, or equal. Dispenser accessories shall include: 20 ft. Green Marina Whip Hose, One 1in. Breakaway, one Nozzle, one High Hose Retractor and one clearly identified emergency cut-off switch. Dispenser must be securely anchored to the structural framework of the pier. Installer shall

follow electrical code NEC 70 and applicable portions of fueling codes, such as, NFPA 30A and International Fire Code Chapters 22 and 34. (ground fault protection and explosion-proof construction) All electrical conduit and fittings must be corrosion resistant or corrosion protected. Contractor shall verify the electrical continuity of the dispensing hose and nozzle with the dispenser cabinet prior to putting the fueling system into operation. Contractor shall verify the continuity of the dispenser with the facility's electrical earth ground according to the dispenser manufacturer's installation instructions.

- c. The Contractor shall provide and install a fiberglass dispenser sump under pier. Sump shall be sized to match new dispenser.
- d. The Contractor shall reconfigure AST piping to utilize a tapping on the top of the tank for the new fuel discharge. New 1 ½" Advanced Polymer Technology (APT) Marine Double Wall Supply Line shall be installed from the existing AST to new Dispenser on pier. All APT products shall be installed by APT factory certified installers. All APT piping shall be installed in accordance with manufacturer's recommended practices. 1 ½" supply line, Model "XP-150-MD", or approved equal, shall be installed with corrosion resistant stainless steel or painted galvanized hangers placed according to manufacturer's recommended minimum spacing. Supply line shall not be allowed to sag at any point in the finished installation.
- e. The Contractor shall dispose of old dispenser from dock, all old pipe removed from Pier and all old hangers removed from pier and disposed off from NRL property.
- f. The Contractor shall perform an Air Test on all new installation prior to allowing stored fuel to be introduced to system. Provide NRL with test results for review/approval.

Location of Project:

8037 Bayside Road

Chesapeake Beach Detachment, Maryland 20732

(Across Rt. 261 from Chesapeake Beach Water Park)

Fire Permit:

The Contractor shall not perform any type of welding, torch cutting and/or open flame work without first obtaining a fire permit. The Naval Activity Support, Annapolis Fire Department covers the CBD site. Requests for "hotwork" shall be made to them at (410) 293-5760 or (410) 293-5777 at least 24 hours in advance.

Start of Contract:

The Contractor shall notify the Contracting Officer in writing once all equipment, materials and tools are available and ready to be installed in accordance with this contract. The Government and the Contractor shall mutually agree upon a start date and the Contractor shall be given a minimum of seven days notice to begin work.

Material and Equipment Submittals:

Upon award of the contract, the Contractor shall provide manufacturer's materials and equipment specification bulletins and/or cut sheets pertaining to this contract work. The Contracting Officer's Technical Representative shall review the Contractor's materials and equipment specification data information for approval and/or disapproval.

Execution of Work:

The contract work shall be accomplished during normal working hours of 0700 hours to 1600 hours, Monday through Friday. The duration of this contract shall not exceed sixty (60) days from the start of work.

Housekeeping:

During the contract period, the Contractor shall be responsible for maintaining a continuous clean working environment in all areas where contract work is being accomplished on a daily basis. At the end of each working day, the Contractor shall sweep down and clean the working area, collect and remove all debris from Government property. NRL dumpsters shall not be used.

Waste Management:

The contractor shall be responsible for ensuring, to the maximum extent possible, that any waste generated from this contract is diverted from landfills and incinerators and either recycled and/or reused. Waste that can be considered for recycling or reuse includes but not limited to metals, concrete, gypsum products, paper and cardboard, wood products, masonry, carpet, plastics, mechanical and electrical products and equipment. The Contractor shall be permitted to retain any profit from the sale of recycled or reused waste. The Contractor shall be required to submit to the Contracting Officer within 15 days of the end of the contract, all records of waste generated from the contract. This report should include: waste category; total amount of waste (in pounds or tons) amount and type of waste recycled or reused; name of recycling facilities used; amount and type of waste landfilled and/or incinerated; name of landfill and/or incinerator used. The Contractor shall use his own dumpsters for disposal of emptied and flattened cardboard products. The Contractor shall comply with all applicable Federal, State, and local environmental laws and regulations.

Environmental Management System Information:

The Contractor shall be aware that the Naval Research Laboratory has implemented an Environmental Management System (EMS) as directed by Executive Order 13423 *Strengthening Federal Environmental, Energy and Transportation Management*. EMS policy requires a reduction in hazardous waste disposal through alternate recycling and reclamation efforts. The Contractor shall be aware that the work activities related to this contract can cause real or potential significant environmental impact; thus, the Contractor shall competently perform all duties and responsibilities with a commitment to EMS policy. Pollution Prevention and Right-to-Know Information shall be observed during the duration of this contract.

Utility Outage:

The Contractor shall be made aware that any type of utility (electrical, domestic water, natural gas, steam and steam condensate) outage that is required to accomplish any work pertaining to this contract, a minimum two weeks' notice is standard policy at the Naval Research Laboratory. If the Contractor requires a utility outage, he/she shall submit this request in writing to the Contracting Officer's Representative. Under no circumstances shall the Contractor be allowed to secure any utility without written approval from Code 3500, Research and Development Services Division (RDSD).

Safety:

The Contractor shall conform to Federal, State and local safety laws, rules and regulations, to include complying with 29 CFR 1926, and EM 385-1-1, US Army Corps of Engineers Safety and Health Requirements Manual. The contractor shall provide a competent person as site safety and health officer and competent person(s) for hazards identified in the activity hazard (AHA). Safety training requirements for the site safety and health officer and competent persons are provided in the EM 385-1-1. The contractor shall submit an accident prevention plan including AHA for government review and approval. The Contractor shall submit site specific APP and AHA. For any additional information, contact the safety office at 202-767-2232.

Point of Contact:

For the execution of contract work, the point of contact shall be Marco Carerras, 202-404-4463 and shall be the contact for all questions and scheduling of work as well as inspections of work and payments to the Contractor. For further information, please contact William Robison on ext. 202-404-4317 at Building 57, Second Floor.