

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES	
2. AMENDMENT/MODIFICATION NO. 0001		3. EFFECTIVE DATE 03-Mar-2015	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO.(If applicable)
6. ISSUED BY NAVFAC MID ATLANTIC PWD PHILADELPHIA NAVAL SUPPORT ACTIVITY BLDG 24 700 ROBBINS AVENUE PHILADELPHIA PA 19111-5098		CODE N40085	7. ADMINISTERED BY (If other than item 6) NAVFAC MID ATLANTIC PWD PHILADELPHIA 4921 S. BROAD STREET BLDG 1, 2ND FLOOR PHILADELPHIA PA 19112		CODE N40085
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)			X	9A. AMENDMENT OF SOLICITATION NO. N40085-15-Q-7524	
			X	9B. DATED (SEE ITEM 11) 19-Feb-2015	
				10A. MOD. OF CONTRACT/ORDER NO.	
				10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended.					
<p>Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods:</p> <p>(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</p>					
12. ACCOUNTING AND APPROPRIATION DATA (If required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).					
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)					
<p>N40085-15-Q-7524 INSPECTION AND REPAIR OF A DIESEL GENERATOR FUEL STORAGE TANK AT THE NAVAL SUPPORT ACTIVITY, PHILADELPHIA, PA.</p> <p>NOTE: THIS AMENDMENT MUST BE ACKNOWLEDGED WITH QUOTE.</p> <p>DESCRIPTION CONTINUES ON PAGE 2.</p>					
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
			SHANNON MACK / CONTRACT SPECIALIST		
			TEL: 215-897-3495 EMAIL: shannon.mack@navy.mil		
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. UNITED STATES OF AMERICA		16C. DATE SIGNED
_____ (Signature of person authorized to sign)			BY _____ (Signature of Contracting Officer)		03-Mar-2015

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION SF 30 - BLOCK 14 CONTINUATION PAGE

The following have been added by full text:

AMENDMENT 0001

1. The date for receipt quote **REAMINS** to 3:00 PM ET on 19 MARCH 2015.

2. **NOTE: THIS AMENDMENT MUST BE ACKNOWLEDGED WITH YOUR PROPOSAL.**

3. ADD:

1. Revised Specifications and Conditions dated 03 MARCH 2015. (pages 3-7 of this amendment)

2. Inspection Report (pages 8-10 of this amendment)

4. Response to the following RFIs:

Q1: Can you confirm the bid due date and time?

A2: The date for receipt of quotes is 3:00 PM ET on 19 MARCH 2015.

Q2. What is the volume and size (height, weight, breadth) of the tank?

A2. The Volume of the tank is 1200 Gallons. Dimensions: 97 inch Wide (North/South) x 18 inch High x 208 inch Length (East/West). Weight will be difficult to determine - this is a belly tank upon which the Diesel Generator sits.

Q3. Is the inspection report available for review ISO bidding on this project?

A3. Yes Please see pages 8-10 of this amendment.

Q4. Will the government drain & clean the tank before the work begins or is the contractor required to empty, clean, and dispose of waste fuel & contact (cleaning) water?

A4. Please see Revised Specifications and Conditions dated 03 March 2015.

(End of Summary of Changes)

REFERENCE NUMBER: BXVW7F
CONTRACT NUMBER:

REVISED SPECIFICATIONS AND CONDITIONS 03-03-2015

SECTION 1: GENERAL

1.1 GENERAL DESCRIPTION: Contractor shall provide all labor, material, equipment, supplies and supervision to inspect and repair/overhaul Diesel Generator Fuel Storage Tank. The tank is located at the Naval Support Activity-Philadelphia. Refer to Section 2 for detailed description of work.

1.2 LOCATION: Naval Support Activity-Philadelphia Philadelphia, PA 19111, Building 2A south side. A representative of the Officer in Charge, NAVFAC Contracts, will indicate the exact location.

1.3 TIME OF COMPLETION: Work shall be prosecuted diligently and shall be completed for use within 20 calendar days of award. The time stated for completion shall include final clean up of the premises. Contractor is required to furnish proof of any cause for delay and must request an extension of the completion date in writing through the Contracting Officer.

1.4 GOVERNMENT POINT OF CONTACT: The Government Quality Assurance Representative, **To Be Determined**, who is a representative of the Officer in Charge, NAVFAC Contracts, will be the Government's representative. All scheduling and coordination will be through the Quality Assurance Representative. Richard Bell, Environmental Engineer for DLA, shall also be contacted and on site during all work.

1.5 PAYMENT: Will be made in one lump sum after completion and acceptance of the work by the Government Quality Assurance Representative.

1.6 GOVERNMENT FURNISHED MATERIALS/UTILITIES: The Government will furnish the following utility services at existing outlets, for use as may be required for the work to be performed under the contract: electricity and fresh water. Information concerning the location of existing outlets may be obtained from the Contracting Officer. The Contractor shall provide and maintain, at his/her expense, the necessary service lines from existing Government outlets to the site of the work.

Utilities specified above will be furnished at no cost to the Contractor. In the event that the Government is unable to provide the required types of utilities, the Contractor shall, at his/her expense, arrange for the required utilities.

1.7 PROSECUTION OF WORK: Work shall be performed during normal duty hours 0700-1600, Monday through Friday. No work shall be performed after normal duty hours or on Government holidays unless authorized by the Officer in Charge, NAVFAC Contracts.

1.8 CLEAN-UP OF SITE: Shall be performed on a daily basis. The Contractor shall remove all debris generated by the work off station. Contractors are not permitted to use Government dumpsters or other Contractor dumpsters for disposal of debris.

1.9 HOT WORK: A hot work permit is required as needed. A permit may be obtained through the Government inspector with 48 hours prior notice. Hot work in electrical or mechanical room space will require a gas-free test prior to the Government fire inspector granting approval. In accordance with the Government fire inspector's requirements, the Contractor must perform this test daily. The Government fire inspector shall approve the instrument used.

1.10 DUST CONTROL: The amount of dust resulting from performance of this specification shall be controlled to prevent the spread of dust to occupied portions of the site and to avoid creation of a nuisance in the surrounding area. Use of water will not be permitted when it will result in, or create, hazardous or objectionable conditions such as ice, flooding and pollution.

1.11 SUBMITTALS:

The Contractor shall submit the following within five (5) calendar days after award:

1.11.1 Activity Hazard Analysis to cover all aspects of the job in accordance with EM 385-1-1. See Attachment 1 for blank form.

1.11.2 Copy of Manifest for Recycling/Disposal of fuel/waste water liquids.

The Contractor shall also submit the following within five (5) calendar days after completion of work:

1.11.3 PA State Storage Tank Certification

Submittals will be approved by the OIC, NAVFAC Contracts or his representative prior to the start of work.

1.12 SITE VISIT: Contact the Government Quality Assurance Representative to arrange a site visit if one has not already been scheduled. Contractor shall verify all conditions, dimensions and methods at site.

1.13 LIST OF ATTACHMENTS:

1.13.1 Attachment 1: Activity Hazard Analysis.

1.13.2 Attachment 2: Site Map

SECTION 2: DETAILED DESCRIPTION: The Contractor shall provide all labor, material, tools, equipment, supplies and supervision to perform the following work. *All work shall be performed in accordance with EM 385-1-1.*

2.1 Apply, monitor and remove (upon completion of work) proper lockout and tag out devices in accordance with the U. S. Army Corps of Engineers Safety and Health Requirements Manual, EM-385-1-1. Coordinate all Lockout/Tag out control activities with the Government Quality Assurance Representative or other designated Government representative.

2.1.1 **The Contractor shall dispose of approximately 1,200 gallons of diesel fuel. The Government preference if this disposal could be done by a petroleum recycler at no cost to the Government. Also the Contractor shall dispose of any waste water from the cleaning of the tank in accordance with all federal, state and local regulations. The Contractor shall provide the Government with at least two copies of all manifests involved in the disposal/recycling of all fuel and/or waste water products.**

2.1.2 All modifications and/or repairs shall be inspected by a Certified Above Ground Storage Tank Inspector, IAW PACODE Subchapter F, Section 245.554. All work shall be performed by certified personnel and adhere to all Federal, State and Local regulations. The Contractor shall follow all current nationally recognized association's codes of practice and the manufacturer's specifications. The inspection report shall be kept for the operational life of the tank and a copy shall be provided to the Government representative. This report shall include documentation that each deficiency has been corrected and then approved by the PADEP certified inspector before submission to the State.

2.2 The Contractor shall perform all work as stated in the following list. This work is the result of an inspection completed by certified personnel. At the completion of the repair the Contractor shall have performed the following:

- 1) **Secondary Containment Access:** Provide the aboveground tank system (ATS) with a method of leak detection that is capable of detecting a fuel release.

- 2) **Confirm the Integrity of the Tank's Secondary Containment:** The tank's secondary containment shall be tested for tightness in accordance with current codes of practice developed by nationally recognized associations and manufacturer's specifications to confirm the integrity of the tank's secondary containment system.
- 3) **Emergency Venting System is Missing:** Install emergency vents on the primary and secondary tank systems. Tanks shall be appropriately vented to protect the tank from over-pressurization and excessive vacuums. Vents shall be installed to meet or exceed the codes of practice developed by nationally recognized associations such as API and NFPA. Normal venting shall allow the tank to breathe when transferring the stored product. Emergency venting shall ensure that the safe pressure level for the tanks is not exceeded.
- 4) **Tank Coating Shows Effects of Corrosion and Deterioration:** Re-coat/paint The tank with the appropriate materials at all locations where there is corrosion and/or deterioration. It was observed that the tank coating within the generator enclosure showed over 70% loss of coating.
- 5) **No Overfill Protection:** Install a high level alarm and provide a written procedure for the delivery person to follow when observing the tank gauge during re-fueling operations which will prevent overfilling and/or spills. The gauge or monitoring device utilized to indicate level or volume in the tank, must be visible to the individual responsible for the transfer of fuel. The tank gauge or monitoring device shall be installed, calibrated and maintained in accordance with the manufacturer's specifications.
- 6) **No Spill Bucket on the Fill Piping:** Install a spill bucket on the fill piping to capture spills during delivery.

SECTION 3: ADMINISTRATIVE AND SAFETY REQUIREMENTS

3.1 Directives: The Contractor and his employees shall comply with all referenced regulations, directives, and instructions. Applicable Department of Defense (DOD), Secretary of the Navy (SECNAV), Chief of Naval Operations (OPNAV), and other directives, instructions, and regulations are available from the Contracting Officer.

3.2 Environmental Protection: The Contractor shall comply with all federal, state and local environmental protection laws and the regulations and standards. The Contractor shall coordinate all environmental protection matters with the Contracting Officer. The Activity Environmental Protection Coordinator or other authorized officials may inspect any of the facilities operated or maintained by the Contractor at any time and without prior notice. If a regulatory agency assesses a monetary fine against the Government for violations resulting from Contractor actions, the Contractor shall reimburse the Government for the amount of the fine and related costs. The Contractor shall clean up any oil or chemical spills resulting from his operations at his own expense. The Contractor shall not create a nuisance or hazard to the health of military or civilian personnel.

3.3 Safety Requirements and Reports:

3.3.1 All work shall be conducted in a safe manner and shall comply with all requirements of the U. S. Army Corps of Engineers Safety and Health Requirements Manual, EM-385-1-1. The Contractor shall be responsible for instructing his employees in appropriate safety measures and shall not permit them to place machines and other equipment in traffic lanes or other locations in such a manner as to create safety hazards. The Contractor shall employ a competent person as defined in EM-385-1-1 to function as the Site Safety and Health Officer (SSHO). The following paragraphs denote minimum safety requirements. Contractor shall consult EM-385-1-1 for additional information or any safety issues not discussed in this specification.

3.3.1.1 **Personal Protective Equipment Minimum Requirements:**

- a. Head Protection: All persons working in or visiting hard-hat areas shall be provided with and required to wear Type I or Type II, Class G meeting the requirements of ANSI Z89.1. Hard hat areas are those areas with potential hazard of head injury.
- b. Clothing: Employees shall wear clothing suitable for the weather and work conditions: the minimum for construction sites shall be short sleeve shirt, long pants (excessively long or baggy pants are prohibited).
- c. Protective Footwear: Employees shall wear safety-toed boots meeting ANSI Z41 while working on construction sites.
- d. Eye and Face Protection: All eye and face protection shall meet the requirements of ANSI/ASSE Z87.1, employees shall also use eye side protection.
- e. High visibility vests will be worn when working around construction equipment or when working on highways.

3.3.1.2 **Use of Hand and Power Tools:** Hand and power tools shall be of a manufacturer listed by a nationally recognized testing laboratory for the specific application for which they are to be used.

Use, Inspection and Maintenance:

- a. Hand and power tools shall be used, inspected, and maintained in accordance with the manufacturers' instructions and recommendations and shall be used only for the purpose for which designed.
- b. Hand and power tools shall be inspected, tested, and determined to be in safe operating condition before use. Continued periodic inspections shall be made to assure safe operating condition and proper maintenance.
- c. Hand and power tools shall be in good repair and with all required safety devices installed and properly adjusted. Tools having defects that will impair their strength or render them unsafe shall be removed from service.
- d. Loose and frayed clothing, loose long hair and dangling jewelry (including dangling earrings, chains and wrist watches) shall not be worn while working with any power tools.

Guarding – Power Tools Designed To Accommodate Guards Shall Be Equipped With Such Guards:

- a. All guards must be functional.
- b. Reciprocating, rotating, and moving parts of equipment shall be guarded if exposed to contact by employees or otherwise create a hazard.

3.3.1.3 **Portable Extension Cords:** Portable extension cords shall be sized in accordance with manufacturer ratings for the tool to be used and shall be protected from damage. All damaged extension cords shall be immediately removed from service. Portable extension cords shall meet the requirements of NFPA 70.

3.3.1.4 **Lockout/Tag Out:** Coordinate all control activities with the Designated Government Representative. Apply, monitor and remove proper lockout and tag out devices.

3.3.1.5 **Fuel-Powered Tools:** When fuel-powered tools are used they will not be fueled while running, while hot, or near an open flame.

3.3.2 **Activity Hazard Analysis:**

The principle purpose of an Activity Hazard Analysis (AHA) is to reduce the overall risk of the hazards associated with construction work. An AHA will be developed by the Contractor for every operation involving a type of work presenting hazards not experienced in previous project operations or where a new work crew or subcontractor is to perform work.

The analysis must identify and evaluate hazards and outline the proposed methods and techniques for the safe completion of each phase of work. At a minimum, define activity being performed (can use the Definable Features of Work). A Definable Feature of Work (DFOW) is a task, which is separate and distinct from other tasks, has the same control requirements and work crews, sequence of work, specific safety and health hazards anticipated (slip or trips, cuts, dust or chips in eyes), control measures (to include personal protective equipment) to eliminate or reduce each hazard to acceptable levels, equipment to be used (hand tools, backhoe), inspection requirements (list the inspection requirements for the activity to ensure the controls are working, and equipment is inspected to ensure proper operation), training requirements for all involved (any unique training required to make the established controls work) and the competent person in charge of that phase of work.

The AHA shall be continuously reviewed and, when appropriate, modified to address changing site conditions or operations. The analysis should be used during daily inspections to ensure the implementation and effectiveness of the activity's safety and health controls. Activity hazard analysis shall be updated as necessary to provide an effective response to changing work conditions and activities.

Facility ID 51 — 10133

DEP Tank ID 005 A

Inspection Date 7/2/13

IX. Evaluation of Tank System Indicate the condition of the following components by marking the appropriate columns. If unsatisfactory explain deficiency in comment section.

System component	Satisfactory	Unsatisfactory	
		Tank Cannot be Returned to Service	Not Applicable
Foundation and tank supports	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Tank shell	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Tank roof	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Tank bottom/floor	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Internal linings & coating, if installed	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Method(s) used for nondestructive examination(s) <u>Visual</u>			

	Satisfactory	Unsatisfactory	Tank Cannot be returned to service	Not Applicable
External deterioration protection	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Appurtenances	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Ancillary equipment (including piping)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Cathodic protection system, if installed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

X. Calculated Information

1. Corrosion/deterioration rate: Tank Shell N/A (in/yr) 3. Service life based on corrosion rate:
 Tank Bottom N/A (in/yr) Tank N/A (years)
 Piping N/A (in/yr) Piping N/A (years)
- Which method did you use to calculate the tank bottom service life?: API-653 Corrosion Rate
- What was the retirement thickness for the calculation? (T-min or other endpoint) N/A
2. Next inspection scheduled by:
 In-service N/A (mm/dd/yy) Next Inspection Dates to be Determined after
 Out-of-service N/A (mm/dd/yy) Repairs and before tank is returned to service

XI. Observations

1. Contamination observed/suspected: No Yes, Department notification form submitted on _____.
2. Does the tank have any perforations? No Yes
3. Is the tank system appropriately labeled? Yes No

XII. Record Review

1. Written operations and maintenance plan available on site: Yes No
2. Spill Prevention Response Plan is current and available on site: Yes No Not required
3. Owner/Operator monthly maintenance inspection record is available for the past twelve months: Yes No
4. Is this tank internally lined? Yes No No record available
5. Is a leak test required at the time of this inspection? Yes No
- If so, did the test indicate a possible leak? Yes No What method was used? _____

Facility ID 51 — 10133

DEP Tank ID 005 A

Inspection Date 7/2/13

XIII. Tank Information

(1) Tank Construction

- A Single wall steel
- D Double wall steel
- E Single wall fiberglass
- F Double wall fiberglass
- R Single wall molded plastic
- S Single wall stainless steel
- 99 Other _____

(3) Aboveground Piping Construction

- A Steel
- D Fiberglass
- F PVC or Plastic
- L Stainless Steel
- 99 Other Rubber hoses

(5) Pipe Release Detection Method

- G Visual inspection
- H None
- 99 Other _____

(7) Overfill Prevention

- Y Yes
- N No

(10) Tank Cathodic Protection

- B Galvanic
- C Impressed current
- N None

(16) Emergency Containment

- Meets permeability requirement
- Verified by a Registered Professional Engineer
- Containment present but does not meet requirements
- No containment structure
- Outer wall of a double walled tank

(17) Secondary Containment

Impermeable layer: _____

- Space for release detection: DW AST insp port
- N None

(24) Normal Vent / Emergency Vent

- S Satisfactory
- U Unsatisfactory

XIV. Double Walled Tanks If this is a double walled tank that relies **solely** on the outer wall for containment, please answer the following questions.

Is there spill prevention (Spill Bucket/Containment Box)? Yes No

Are there block valves on all product lines? Yes No

Is there a solenoid valve or antisiphon device? Yes No Not applicable

XV. Comments Describe any tank system deficiencies and note additional information discovered during the inspection. If additional comment sheets are needed, label each sheet with facility and tank identification numbers, inspection date and page number.

The 1,200 gallon double wall steel generator belly tank was installed in 1999 but never registered with the PADEP. Inspector was asked to visit the site as an certified AST Installer to sign off on the registration form. Due to the deficiencies with the tank and after discussion with Chad Clancy with PADEP Central Office it was decided to submit the Aboveground Storage Tank Integrity Inspection Summary so the issues with the tank could be documented and tracked.

Based on the inspection of the tank the following issues were noted along with possible solutions:

- 1.No spill bucket on the fill: Install new spill bucket on the fill to capture spills during deliveries.
- 2.No Overfill protection: Either install a high level alarm or a manned written procedure for the delivery driver to follow by watching the tank gauge during filling. If the latter method is used confirm calibration of the existing gauge.
- 3.Emergency Vents missing: Install the emergency vents on the primary and secondary tank system.
- 4.Tank labeling: Install a product label, Tank #, tank size, and Fire Diamond on the visible sides of the tank system
- 5.Confirm Integrity of the tank secondary containment: The secondary containment sits directly on the concrete slab with no way to visually inspect the shell bottom. Recommend that a hydrostatic test of the secondary tank be performed or the secondary tested with air to manufactures specifications. Corrosion is present along the bottom portion of the shell wall.
- 6.Tank Coating; The tank coating within the generator enclosures showed over a 70% loss of coating. Tank should be recoated (painted).