

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES 1 8
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE 26-Jun-2019	4. REQUISITION/PURCHASE REQ. NO. W13G86907893150001		5. PROJECT NO.(If applicable)
6. ISSUED BY U S ARMY ENGR DISTRICT, NEW ENGLAND 696 VIRGINIA RD CONCORD MA 01742-2751	CODE W912WJ	7. ADMINISTERED BY (If other than item 6) See Item 6		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)		X	9A. AMENDMENT OF SOLICITATION NO. W912WJ19Q0111	
		X	9B. DATED (SEE ITEM 11) 18-Jun-2019	
			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 checked="" type="checkbox"/> is extended, <input type="checkbox"/> is not extended. 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: (a) By completing Items 8 and 15, and returning <u>1</u> 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.				
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.) Amendment is necessary to provide revised specifications for the new oil fired furnace to be installed at the Barre Falls Dam Gatehouse. Revisions are in Part 2 Products. Closing will be extended to July 8, 2019 at 5:00 PM. All other terms and conditions remain unchanged.				
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) ROBERT C GARRAHAN / ADDED BY UPASS TEL: 978-318-8814 EMAIL: ROBERT.C.GARRAHAN@USACE.ARMY.MIL		
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 26-Jun-2019	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION A - SOLICITATION/CONTRACT FORM

The required response date/time has changed from 28-Jun-2019 05:00 PM to 08-Jul-2019 05:00 PM.

SECTION C - DESCRIPTIONS AND SPECIFICATIONS

The following have been modified:

STATEMENT OF WORK

**GATE HOUSE FURNACE REPLACEMENT
U.S. ARMY CORPS OF ENGINEERS
BARRE FALLS DAM
BARRE, MA
Statement of Work**

I. General

1) Scope of work

Furnish all equipment, materials and labor to remove and dispose of one (1) existing warm air oil fired furnace and one (1) existing 260 gallon fuel storage tank and furnish all equipment, materials and labor to replace with one (1) high-efficiency warm air oil fired furnace and one (1) 275 gallon double walled fuel storage tank. (See **informational photo numbers 1 & 2**)

2) Location

The Barre Falls Dam Gate House is located at 200 Coldbrook Road, Barre, MA 01005.

3) Site Visit

Contact the Technical Point of Contact to arrange a site visit. The Technical Point of Contact for the project is Project Manager Zachery Koziol (978) 318-8265 or zachery.e.koziol@usace.army.mil.

4) Schedule

The period of performance shall be 60 days from contract award. The project area will be open to the contractor Monday through Friday 9:00 AM to 3:30 PM and all work must be done during those hours unless additional hours are approved by the Technical Point of Contact. No work shall be done on weekends or government holidays.

5) Preconstruction Conference

Prior to the start of any work, the Technical Point of Contact will schedule and conduct a "Preconstruction Conference". The Contractor's Project Manager and Quality Control Personnel will attend this meeting. This conference will be held at the time and location agreeable to the government and contractor. No work may be performed under this contract prior to this conference. The purpose of the conference is to enable the Technical Point of Contact to outline the procedures that will be followed by the Government in its

administration of the contract, and to discuss the performance that will be expected from the Contractor. This conference will allow the Contractor an opportunity to ask questions about the Government's administration and inspection of contract work or obtain other pertinent information that might be required. At the Preconstruction conference the contractor shall provide the name of the project superintendent with a telephone number for project coordination.

The following is a general list of items for discussion during this Preconstruction Conference:

- i. Authority of the Technical Point of Contact and Quality Assurance Inspectors.
- ii. Contractor's Safety Program (including sub-contractors).
- iii. Accident Prevention Plan (Submitted & accepted prior to start of work on site).
- iv. Weekly Safety Meetings (Documented on NED Form 251).
- v. Accident Reporting (ENG Form 3394).
- vi. Safety Data Sheet (SDS) requirements.
- vii. Correspondence, Communication and Administrative Procedures
- viii. CPR & First Aid
- ix. Invoice and payment.

6) Permits

The Contractor shall, without additional expense to the Government, be responsible for obtaining any necessary licenses, permits, and letters of certification. The Contractor shall comply with any applicable Federal, State, County, and Municipal laws, codes, and regulations in connection with the performance of the work specified under this contract.

7) Security

The contractor will comply with all established security policies at Barre Falls Dam. Due to periods of heightened security that may affect the access to the areas covered under this contract, areas may be subject to periodic closures, which in turn may reduce or inhibit the Contractor's ability to access certain areas. During periods of heightened security, the Government reserves the right, at any time, to close any property or portion of property and reschedule and/or cancel any subsequent service in an area. The Contractor shall be given at least 24 hour notice of any such closure.

8) Contractor Conduct

Alcohol and firearms are prohibited on project grounds. Contractor and employees must comply with CFR 36 Rules and Regulations.

9) Payment

Payment shall be made on a per job basis. After final inspection and acceptance by the Government, the Contractor must submit an invoice to the Technical Point of Contact. The invoice shall include the invoice date, contract number, dates of service, description of work, quantities, process, and total amount due per line item. For jobs greater than 30 days the contractor may request progress payment.

All invoices may be mailed to:
U.S. Army Corps of Engineers
Barre Falls Dam
P.O. Box 519, Hubbardston, MA 01452

Or Emailed to Zachery.e.koziol@usace.army.mil

II. Technical Requirements:

Part 1 General:

Existing Conditions:

The existing oil fired hot air furnace and existing 260 gallon fuel storage tank are located within the Barre Falls Gatehouse on a sub floor considered the 'furnace room'. The fuel storage tank is located under the staircase and sits in a concrete masonry secondary containment wall. The existing furnace is a High Boy style with a footprint that measures approximately 70" H x 27" W x 37" L. There is duct work installed directly above the existing furnace that feeds both the main floor and sub floor of the Gatehouse.

Requests for Information:

Requests concerning the work of this project should be directed to the Technical Point of Contact at (978) 318-8265 or zachery.e.koziol@usace.army.mil.

Submittals:

Although the Government technically reviews submissions required by this scope of work, it is emphasized that the Contractor's work must be completed using proper internal controls and review procedures. The documents identified below must be prepared in accordance with the applicable standards, submitted to the Technical Point of Contact for review and accepted by the government prior to the commencement of any field activities.

- Furnace System specification sheets
- AST specification sheets
- AFUE and BTU Requirements
- Plumbers License
- Electrician License
- Manufacturer's Warranties
- Accident Prevention Plan (APP)- Prior to start of work
- Spill Prevention Plan- Prior to start of work
- Activity Hazard Analysis (AHA)
- First-Aid, CPR Certifications
- Safety Data Sheets

Safety Requirements:

1. Accident Prevention Plan:

The Contractor shall prepare an Accident Prevention Plan (APP) specific to the activities being performed. It shall include an Activity Hazard Analysis (AHA) as described in Section 2 below. All work shall be conducted in accordance with the APP, the U.S. Army Corps of Engineers Safety and Health requirements Manual (EM 385-1-1, most recent edition), and all applicable federal, state, and local safety and health requirements. A copy of EM 385-1-1 can be accessed electronically at Headquarters USACE website under publications using the following link: http://www.publications.usace.army.mil/Portals/76/Publications/EngineerManuals/EM_385-1-1.pdf

The APP shall detail how safety and health will be managed during the project. The APP shall address the requirements of applicable Federal, State and local safety and health laws, rules, and regulations. The Contractor shall comply with Federal Acquisition Regulation Clause No. 52.236-13 for Accident Prevention, which is added by reference. Special attention shall focus on the requirements of EM 385-1-1, specifically Section 01.A.12 through 01.A.17 and Appendix A, (Minimum Basic Outline for Accident Prevention Plan). The APP shall be developed by a qualified person. The contractor shall be responsible for documenting the qualified person's credentials. Work shall not proceed until the APP has been reviewed by the Government Designated Authority (GDA) and deemed acceptable for use on the project. USACE will provide a non-mandatory, fillable template APP. However, the contractor is permitted to submit their own plan, at a minimum it must meet the requirements listed in EM 385-1-1.

The APP shall interface with the Contractor's overall safety and health program. Any portions of the Contractor's overall safety and health program referenced in the APP shall be included in the applicable APP element and made site-specific. The Government considers the Prime Contractor to be the "controlling authority" for safety and health of the subcontractors. Contractors are responsible for informing their subcontractors of the safety provisions under the terms of the contract, the penalties for noncompliance, and inspecting subcontractor operations to ensure that accident prevention responsibilities are being carried out.

The Contractor shall conduct a safety meeting at the project site on the first day of work, whenever a new activity or phase of work begins, or at least weekly during the progress of work. All safety meetings shall be documented. The attached safety meeting form or a similar contractor-prepared form shall be used. Records of the safety briefings shall be submitted to the GDA weekly.

2. AHA:

An AHA shall be submitted for each major phase of work. A major phase of work is defined as an operation involving a type of work presenting hazards not experienced in previous operations or where a new subcontractor or work crew is to perform the work. The analysis shall define all activities to be performed, identify the sequence of work, the specific hazards anticipated, and the control measures to be implemented to eliminate or reduce each hazard to an acceptable level. Work shall not proceed on a phase of work until the AHAs have been accepted by the GDA. A preparatory meeting shall be conducted by the contractor to discuss the AHAs contents with all engaged in the activity. The preparatory meeting shall be conducted by the prime contractor and shall include all subcontractors and Government on-site representatives. The

AHA shall be continuously reviewed and revised to address changing site conditions as appropriate.

3. Accident Reporting:

All accidents and near misses shall be investigated by the Contractor. All work-related recordable injuries, illnesses and property damage accidents (excluding on-the-road vehicle accidents), in which the property damage exceeds \$5,000.00, shall be verbally reported to the GDA within 4 hours of the incident. Serious accidents as described in EM 385-1-1 Section 01.D shall be immediately reported to the GDA. ENG Form 3394 shall be completed and submitted to the GDA within five working days of the incident.

The Contractor shall complete the attached "USACE Contractor Monthly Summary Record of Injuries/Illness and Work Hour Exposure" (for prime and its subcontractors) and forward the completed form to the GDA no later than close of business on the 5th calendar day of the following month. The method of transmission by the prime contractor to the GDA shall be electronically.

Clean Up:

The Contractor shall practice good housekeeping to maintain a safe job site. The contractor shall keep the work area, including any storage areas, free from the accumulation of waste materials. Upon completing work in an area the contractor shall remove any tools, equipment, and materials that are not the property of the government. Upon completion of work, the Contractor shall clean up the job site to the satisfaction of the Government.

Government Resources:

The contractor is responsible for providing all materials to complete the project. Unless specified in the contract, the Government will not provide any equipment, telephone services or other resources. The contractor may use the restroom at the Barre Falls Project Office but must proceed directly to and from the restroom.

Environmental Protection:

The contractor shall prevent pollution or damage to the environment resulting from construction during this contract. The contractor will receive no additional payment for environmental protection work. Prevention of pollution and environmental damage is a contractor obligation under current State and federal Laws and regulations. Assurance of compliance with this section by subcontractors shall be the responsibility of the contractor.

Environmentally Preferred Products:

All products provided by the contractor must meet the recycled content requirements set forth by the EPA. Products that fall under these requirements are things such as cement, concrete, non-pressure pipes, etc. The list of approved products is periodically updated, please check the EPA website for the most current list: <https://www.epa.gov/smm/comprehensive-procurement-guideline-cpg-program#products>.

Furthermore, the contractor should also meet the Bio-Preferred Program requirements set in place by the USDA. These will include products such as wood and concrete sealers, erosion controlled materials, sorbents, etc. For the most current list of products, please visit: <https://www.biopreferred.gov/BioPreferred/faces/catalog/Catalog.xhtml>.

All products must be covered by the Energy Efficiency Program set forth by the Department of Energy. Exterior lights in particular are FEMP designated. The list of products is periodically updated, please check the Department of Energy's website for current accepted products: <https://energy.gov/eere/femp/find-product-categories-covered-efficiency-programs>.

Omissions:

This contract may not cover all specified activities, steps, and procedures required to supply the contract product. In case of omission, the normal industry, state, or federal standards, practices, specifications, and/or guides shall prevail. In no instance shall an omission be reason to produce less than an acceptable product.

Quality Assurance:

The contractor is responsible for the quality control of the contract work. The government has the right to inspect and test all items called for by the contract, to the extent practicable at all times and at all places during the term of the contract.

Other Contracts:

The Government may undertake or award other contracts for additional work not related to this contract, and the Contractor shall fully cooperate with other Contractors and Government employees. The contractor shall not commit or permit any act, which will interfere with the performance of work by another contractor, or by Government employees.

Receiving and Storing Materials:

The contractor is responsible for protecting any stored material until it is placed in service. The contractor is responsible for receiving and unloading of delivered goods. Government employees will not receive material or supplies for the contractor and will not be responsible for damage to contractor equipment or material.

Part 2 Products:

Oil Fired Furnace System – Shall meet the following minimum requirements:

- a) Oil Fired Warm Air Furnace
 - i) 83% Annual Fuel Utilization Efficiency (AFUE)
 - ii) Heat rating no less than one hundred eighty (180) thousand British Thermal Units (BTUs) output per hour and not greater than two hundred twenty five (225) thousand British Thermal Units (BTU's) output per hour.
 - iii) 1.0 Gallons per hour firing rate.
 - iv) Energy Star Rated
- b) Programmable thermostat capable of performing heating controls.
- c) 275 Gallon double walled oil storage tank.
- d) Fuel oil filter assembly.

Part 3 Execution:

Demolition:

- 1) The Contractor shall disconnect the fuel line from the existing furnace and the oil fuel tank. The fuel line shall be purged and cleaned. All fuel and material purged from lines shall be disposed of off-site in accordance with all applicable MA state laws and regulations.
- 2) Transfer remaining heating oil into Barre Falls Dam Park Office heating fuel tank.
- 3) Remove the existing 260 gallon heating oil above ground storage tank, fuel filter assembly and the masonry secondary containment wall and dispose of them off-site in accordance with all applicable MA state laws and regulations. **(See informational photo number 2).**
- 4) Disconnect existing ductwork from the furnace.
- 5) Remove the existing furnace.
- 6) Remove existing thermostat.
- 7) The Contractor shall remove the existing oil fired furnace, fuel filter assembly, above ground fuel storage tank and thermostat and shall dispose of, or salvage, all material in accordance with all applicable MA state laws and regulations.

NOTE: The existing heat duct work, fuel lines, and fill pipes are to be re-used as part of the new oil fired furnace installation.

Installation:

The Contractor shall install the new oil fired furnace system and components in accordance with the applicable Massachusetts Building Code and the Manufacturer's Recommendations.

- 1) Install new oil fired furnace in approximately the same location as the existing furnace. **(See informational photo numbers 1 & 8).**
- 2) Connect new furnace to the existing heat ductwork in a neat and orderly fashion.
- 3) Install the new double walled fuel storage tank in approximately the same location as the existing fuel storage tank. **(See informational photo number 2).**
- 4) Install the new fuel filter assembly and filter.
- 5) Connect the existing fuel line and filter assembly to the new double walled fuel storage tank.
- 6) Install the new programmable thermostat in approximately the same location as the existing one and then program and test it to confirm it works. **(See informational photo number 5).**
- 7) At the completion of the installation the Contractor will conduct a performance test for a minimum of thirty minutes. The Technical Point of Contact will confirm that the each element of the system is working properly.

(End of Summary of Changes)