

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE J	PAGE OF PAGES 1 11
2. AMENDMENT/MODIFICATION NO. 0002	3. EFFECTIVE DATE 31-Aug-2020	4. REQUISITION/PURCHASE REQ. NO. SEE SCHEDULE		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. W912WJ20Q0143	
		X	9B. DATED (SEE ITEM 11) 20-Aug-2020	
			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 CONTRACT 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 address concerns posed from industry from Amendment 0001 in regards to requirement needing a CT Licensed forester. Solicitation will permit a licensed forester from any state. Closing extended to 14 September 2020 at 2:00 PM Eastern. 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)		
		TEL:	EMAIL:	
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)		31-Aug-2020

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION SF 1449 - CONTINUATION SHEET

SOLICITATION/CONTRACT FORM

The required response date/time has changed from 31-Aug-2020 02:00 PM to 14-Sep-2020 02:00 PM.

The following have been added by full text:

PERFORMANCE WORK STATEMENT-REV

**FOREST INVENTORY AND MANAGEMENT PLAN
THOMASTON DAM UNIT
Performance Work Statement**

A. General

1. **Scope** – Furnish all equipment, materials, labor, and transportation necessary to complete a detailed forest management plan of approximately 1376 acres at the Thomaston Dam Unit, which includes 3 flood control projects: Thomaston Dam, Northfield Brook Lake, and Black Rock Lake, located in the towns of Thomaston, Litchfield, Harwinton, and Watertown, CT. The work includes developing a management plan which identifies threats and mitigation measures to protect all forest resources, specifically, habitat preservation for priority conservation concern species and biodiversity, forest ecotypes, stand descriptions and inventory, wetland inventory, any cultural resources findings, timber stand composition, as well as invasive species identification and monitoring planning. This work includes performing field work, analyzing historic and present forest resources, analysis of findings with site specific management goals, and a final report.

Some of the benefits the government wishes to realize from this project include, but are not limited to, the following:

- Analysis of existing forest conditions to allow for better planning and long term management.
 - To identify, promote and protect native species communities.
 - To incorporate effective management planning into future Master Plans.
2. **Locations** –
 - Thomaston Dam : 331 Hill Road Thomaston, CT 06787
 - Black Rock Lake: 350 Old Branch Road Thomaston, CT 06787
 - Northfield Brook Lake: 1550 Northfield Road Thomaston, CT 06787
 3. **Site Visit** – Contact the Technical Point of Contact to arrange a site visit.

The Technical Point of Contact for the project is Daniel DeFiore, Daniel.r.defiore@usace.army.mil, 978-318-8475.

***A pre-bid site visit is highly recommended.**

4. **Schedule** – Work shall be scheduled and preapproved by the Technical Point of Contact. Prior to acceptance of a final analysis and report, a draft is to be submitted to the government for review to address any concerns. Final analysis and report shall be submitted no later than September 30, 2021. The overall period of performance for this contract shall be through 30 September 2021.
5. **Pre-Work Conference** – Prior to the start of any work, the Technical Point of Contact will schedule and conduct a “Pre-Work 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 Pre-Work 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 Pre-Work Conference:

- Authority of the Technical Point of Contact.
 - Contractor’s Safety Program (including sub-contractors).
 - Abbreviated Accident Prevention Plan (APP)
 - (Submitted & accepted prior to start of work on site)
 - Contractor’s Equipment
 - Correspondence, Communication and Administrative Procedures.
 - 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 on government property. Due to periods of heightened security that may

affect the access to the areas covered under this contract, the Government reserves the right to close any property or portion of property and reschedule and/or cancel any subsequent service. The Contractor shall be given at least 24 hour notice of any such closure.

8. **Contractor Conduct** – Alcohol, controlled substances and firearms are prohibited on government property. Contractor and employees must comply with CFR 36 Rules and Regulations.
9. **Payment** – 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, and total amount due per line item.

All invoices may be mailed to
U.S. Army Corps of Engineers Thomaston Dam Unit,
331 Hill Road Thomaston CT 06787 ATTN: Daniel DeFiore

Or Emailed to Daniel.r.defiore@usace.army.mil

B. Technical Requirements:

General Requirement:

1. **Summary** – Furnish all equipment, materials, labor, and transportation necessary to complete a detailed forest management plan of approximately 1376 acres of property managed by the US Army Corps of Engineers. The locations and acreage are Thomaston Dam (849 acres), Black Rock Lake (319 acres), and Northfield Brook Lake (208 acres.) Contractor's work and responsibility shall include, but not be limited to, all job planning, programming, scheduling, administration, inspection, personnel, equipment, vehicles, fuel, materials, supplies, supervision, and quality control necessary to perform the various services required herein. The approximate amount of land to be surveyed, excluding developed areas, which can be easily located, is the following:
 - **Thomaston Dam** – Includes approximately 849 acres
 - **Black Rock Lake** – Includes approximately 319 acres
 - **Northfield Brook Lake** – Includes approximately 208 acres

*Please note, contractor will not be required to physically survey all developed recreation/infrastructure areas (dams, ponds, parking lots, fine lawn, etc.) however those areas are still included in the overall assessment and reporting requirements as they are part of the overall land use makeup.

2. **Existing Conditions** – The Thomaston Dam Unit resides in the Naugatuck River Basin and is a multi-use project. The projects contain a mixture of developed areas, forests, wetlands, fields, and early successional habitat. The project is managed for flood risk management, recreation, and natural/cultural resources. Forest management in the last two decades has included open field mowing, invasive species removal and hazard tree removal near dams and recreation areas.

3. **Safety Requirements -**

a. General

All work shall be conducted in accordance with the U.S. Army Corps of Engineers Safety and Health Requirements Manual (EM 385-1-1, most recent edition), and all applicable OSHA, federal, state, and local safety and health requirements. A copy of EM 385-1-1 can be accessed at the project office or electronically at the following link:

http://www.publications.usace.army.mil/Portals/76/Publications/EngineerManuals/EM_385-1-1.pdf

Project staff reserve the right to cease work at any time should the safety of employees, Contractors, and/or the public become jeopardized.

b. Abbreviated Accident Prevention Plan:

The Contractor shall prepare an Abbreviated Accident Prevention Plan (APP) specific to the activities being performed. It shall include Activity Hazard Analyses (AHAs) as described below in paragraph C. A non-mandatory, fillable Abbreviated APP template is available upon request. However, the contractor is permitted to submit their own plan, at a minimum it must meet the requirements of EM 385-1-1, Appendix A, Section K.

A preparatory meeting shall be conducted by the prime contractor to discuss the Abbreviated APP contents with all effected onsite employees. The Prime Contractor is 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.

COVID 19: Procedures shall be documented in the Abbreviated Accident Prevention Plan and in the appropriate AHA's to address site specific COVID-19 monitoring procedure which address at the minimum, the following items:

- Contractor shall provide employees with and require them to use all required COVID-19 related PPE in accordance with CDC and state guidelines.

- Procedures shall be in place for periodic sanitation inspections and disinfecting of project sites and work areas in accordance with CDC guidelines.
- Site specific procedures shall be in place to practice and promote appropriate social distancing while on site, when such procedure are practical.
- Employees shall be trained in signs, symptoms and protection measures in accordance with CDC guidelines.

c. Activity Hazard Analysis (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. The AHA shall be continuously reviewed and revised to address changing site conditions as appropriate.

d. Emergency Response:

Emergency procedures shall be documented in the Abbreviated Accident Prevention Plan and will include a map with directions to the nearest hospital, emergency contact numbers, and onsite First Aid/CPR responders.

e. Required Personnel:

The Contractor shall designate one employee as the site's Competent Person (CP) who is responsible for ensuring a safe environment for all employees. The CP shall be present at the project site and report to the contractor's upper management. The CP is required to have related construction and/or service experience.

When emergency medical services are not accessible within five (5) minutes of the work location and there are two (2) or more workers onsite, at least two (2) employees shall be trained in First Aid and CPR. Minimum qualifications are listed in EM 385-1-1, Section 03.A.02.c.

f. 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 Technical Point of Contact (TPOC) within four (4) hours of the incident. Serious accidents as described in EM 385-1-1 Section 01.D shall be immediately reported to the TPOC. ENG Form 3394 shall be completed and submitted to the TPOC within five (5) working days of the incident.

The Contractor shall compile employee work hours (including subcontractors) and forward the total hours to the TPOC no later than close of business on the 10th calendar day of the following month. The method of transmission by the prime contractor to the TPOC shall be electronically.

3. **Pre-Work Conference** – Prior to the start of any work, the Technical Point of Contact will schedule and conduct a “Pre-Work 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 Pre-Work 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 Pre-Work Conference:

- Authority of the Technical Point of Contact and Quality Assurance Inspectors.
- Contractor’s Safety Program (including sub-contractors).
- Accident Prevention Plan and Activity Hazard Analysis (Submitted & accepted prior to start of work on site)
- Accident Reporting (ENG Form 3394)
- Safety Data Sheet (SDS) requirements
- Contractor’s Equipment
- Correspondence, Communication, Security and Administrative Procedures.
- Invoice and payment.

4. **Required Personnel, Experience, Licensing, & Education**
 - a. Contract personnel are required to have a bachelor's degree from an accredited university in a Natural Resource/Biology related field, and possess at least 2 years of experience with field work.
 - b. Contractor shall have a valid forestry license from any US state.
 - c. Contract personnel must have at least 2 years of experience with GPS and GIS and be capable of producing high quality professional maps and deliverables.
 - d. This contract requires field work in remote wooded locations, foot travel over un-even terrain, exposure to insects, poison ivy and possible inclement weather.

5. **Clean Up and Waste Disposal** – The contractor shall keep the work area free from accumulation of waste materials. Any and all disturbed areas resulting from contractor activities shall be restored by the contractor to the satisfaction of the Technical Point of Contact.

6. **Environmental Protection** – Containers for excess and/ or waste materials, rubbish, etc. shall be provided by the contractor at the site, and the site will be inspected/ cleaned on a daily basis. Water, air and land resources shall not be adversely impacted during the course of the work. Contractor will take necessary steps to ensure all federal, state, and local environmental regulatory requirements are met.

7. **Government Resources** – The contractor may use the existing restroom facilities on government property. The government will supply any electricity and water necessary for the project work from points of existing outlets. The contractor shall carefully conserve the use of electricity and water provided. The contractor shall supply their own means of communication (telephone).

8. **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.

9. **Quality Assurance** – The contractor is responsible for the quality control of the contract work. The contractor shall establish and maintain a quality control system to assure compliance with the contract requirements. 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.

10. **Receiving and Storing Materials** – The Government will provide a storage

area and parking for contractor personnel. 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 for supplies for the contractor and will not be responsible for damage to the contractor's equipment or materials.

11. **Requests for information** – Requests concerning the work of this project should be directed to the Technical Point of Contact, Daniel DeFiore at 978-318-8475 or Daniel.r.defiore@usace.army.mil.
12. **Submittals** – Although the Government technically reviews submissions required by this scope of work, it is emphasized that the Contractor's work must be prosecuted using proper internal controls and review procedures. The documents identified below must be prepared in accordance with the applicable standards, submitted for review and accepted by the Government.
 - a. Modified Accident Prevention Plan – Prior to the Start of Field Work
 - b. Monthly status reports
 - c. Digital Data: Aerial Photos/GIS Map Data and shapefiles (compatible with ESRI product ArcMap 10.x) Include PDF's, GIS Files and Final Maps (with points)(At completion of contract)
 - d. Any Inventory Data and Field Forms
 - e. Photo Documentation
 - f. Final Report – Include all findings, notes, maps and management recommendations (2 hard copies and 1 digital copy) Prioritize forest resources by management importance and provide strategic long term management goals
 - g. Documentation of any conservation concern listed species noted while performing field surveys
 - h. Documentation of any areas of cultural resource concern
 - i. Documentation of any rare species/communities that are present
 - j. Documentation of any invasive species/communities that are present
 - k. Formal out-briefing on contract and final report

NOTE: All data, materials, submittals and maps gathered and/or developed in the performance of this contract shall be the property of the Government.

13. **References & Standards** – All work shall be in conformance with the 2015 Wildlife Action Plan
14. **Government Resources**
 - Invasive plant maps
 - Administrative Compartments and Project Boundary Maps
 - Various other natural and cultural resource-related reports
 - Existing habitat management plans and reports

Service Requirements:**1. Forest Resource and Management Plan****a. Objectives & Deliverables:**

- i. Perform field surveys as necessary, to locate, document and map management areas.
- ii. Create management areas in graphical format (GIS).
- iii. Documentation of any conservation listed, invasive species or cultural resources noted while performing surveys.
- iv. Identify and documentation of any rare species/communities that are present.
- v. Develop management goals and objectives using the guidance provided in the 'Reference & Standards' section;
- vi. General Expectations for consideration and inclusion are, but not limited to;
 - 15-20 year viable management plan
 - Evaluations by group/ cover type
 - Water quality
 - Soil erosion/ retention
 - Climate change
 - Wetland protection
 - Wildfire prevention
 - Cultural protection
 - Integrated pest management
 - Diversity and T&E (and species of special concern)
 - 1 or more indicator species
 - Potential for an experimental nursery (ie. Chestnut/Ash)
 - Pollinators
 - Impacts to potential recreational development
 - Create a Final Report – Include all findings, maps, photographs and management recommendations.

b. Methods:

All work shall be done in accordance with the Reference & Standards section above.

NOTE: Field personnel will be aware of current hunting seasons and dress appropriately in safety orange, if working during respective state hunting seasons. Please note that the projects may be subject to periodic flooding as well as heightened security measures, which may require work to be re-scheduled on a periodic basis.

(End of Summary of Changes)

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