US Department of Agriculture (USDA)

Statement of Work

*WMF Rob Brook Bridge Replacement*

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## Project

White Mountain National Forest, Rob Brook Road Bridge Replacement, FR 35, MP. 0.1

## General Information

### 1.0 Scope of Work

This project is for the reconstruction of Rob Brook Road Bridge, Carroll County, New Hampshire, within the White Mountain National Forest, Saco Ranger District.

The contractor shall provide all expertise, labor, supervision, services, equipment, tools, supplies, permits (as applicable), coordination with utilities, transportation, and incidentals necessary to complete the work described. The desired outcome is completed installation per the standards attached to this solicitation, and adherence to the contract awarded. The awarded contract shall constitute the entire agreement including all terms and conditions applicable to the contract. Work shall be completed as shown in the drawings, maps, specifications, and exhibits as referenced or included in this contract, and in accordance with applicable federal, state, and local regulations.

Work will include demolition of existing 28' bridge structure and dispose of all materials off FS lands. Construction of the new 44' bridge. Bridge plans provided show that is structure will use; steel stringers erected from a previous bridge on the forest, concrete abutment and wingwalls with micropiles, and a timber deck and wearing surface. Additional work includes but not limited to armoring shore with riprap, guardrail and approach surface treatment. All details are on attach plans.

### 2.0 Background

The existing structure is 28' timber sawn treated structure with timber stringers and abutments. The bridge spans Douglas Brook.

## Contractor Requirements

### 3.0 Technical Requirements / Tasks

Permits- the Government has acquired an Amy Corp permit. Permit is authorized under General Permit # 23 of the, federal permits known as the New Hampshire General Permits (GPs). The GPs are also available at https://www.nae.usace.army.mil/Missions/Regulatory/State-General-Permits/New-Hampshire-General-Permit. Please review the GPs carefully, in particular the general conditions beginning on page 36, and ensure that you and all personnel performing work authorized by the GPs are fully aware of and comply with its terms and conditions. A copy of the GPs and this verification letter shall be available at the work site as required by General Condition 17.

The contractor shall obtain additional permits, or amendments to Government obtained permits, as necessary for their operations as required by local, state, and federal regulations.

Tree cutting shall only be performed within the following calendar window:

Trees shall be cut between August 16th to April 14th.

Staging Area- The Contractor shall coordinate with the Contracting Officer Representative on a staging area location(s). The Contractor shall operate all equipment and store, transport, and handle material in a manner that will not damage existing roads, parking lots and landscaping.

Landscaping Preservation- The Contractor shall confine operation to within the clearing limits

designated, and prevent the depositing of rocks, excavated materials, stumps, or other debris outside these limits.

Contractor upon request may use the Meadow Brook trail for access. Contractor is responsible for any trail work or repairs if damaged. The is one small trail bridge on the trail. If contractor would like to use this for access the trail bridge will need to be removed as rock or another proposed surface will need to be place on trail at contractors expense.

Equipment shall be clean and properly-maintained. Leaking or faulty equipment shall be repaired or removed. Refueling, greasing, or servicing of equipment shall be in controlled areas away from surface waters.

If, prior to or during excavation work, items of archaeological, paleontological, or historic value are reported or discovered, or an unknown deposit of such items is disturbed, the Contractor shall immediately cease excavation in the area so affected. Contractor will then notify the Forest Service and will not resume excavation until written approval is given by the authorized officer.

Erosion Control- The Contractor is responsible for implementing temporary erosion control. Establish erosion protection and dewatering methods prior to conducting excavations. Maintain erosion control measures, and improve and replace immediately any non-functioning measures, throughout the course of the project and until site stabilization has been established.

Schedule and conduct operations to minimize erosion of soils and to prevent silting or muddying of stream, rivers, irrigations systems, or impoundments.

Dewatering – The Contractor is responsible for all dewatering activities. Conduct dewatering suitable to protect the landscape from the activities, and as needed to isolate the work from streams and protect the work from damage.

Spill Prevention- The Contractor shall prepare for approval, and adhere to, a Spill Prevention, Control, and Countermeasures Plan suitable to protect environment from the Contractor's operations.

Pollutant such as fuels, lubricants, bitumens, sewage, hazardous, or otherwise harmful shall be controlled at the site and prevented from release to the environment. All contaminated soil, vegetation or debris resulting from Contractor's operation shall be immediately contained and within 24 hours shall be removed from site and legally disposed.

Control the discharge of non-hazardous wash water through sufficient siltation treatments, such as filters, barriers, or settlements. Dispose of and materials containing hazardous-substances legally off national forest system lands.

Electrical- There is no electrical service on this project.

Services – Potable Water and Toilet Facilities are not available in this location. The Contractor is responsible for providing temporary sanitation facilities as necessary.

Existing Utilities – The Contractor shall ensure locations of any utilities prior to excavation, trenching, or other ground disturbing activity. The Contractor shall be responsible for materials that are stored on site. Secure completed work as required to prevent loss.

Maintenance of Traffic- The Contractor shall have all temporary construction signs and traffic control measures in place prior to beginning work. Plans contain a proposed plan. Traffic Control plans to be approved by NHDOT. The Contractor is authorized to use roads under the jurisdiction of the Forest Service for all activities necessary to complete this contract, subject to limitations and authorizations shown on the Plans or specified under this contract, when such use will not damage the roads or National Forest resources, and when traffic can be accommodated safely.

The road will be closed to public access and is behind a forest gate.

Security and Protection – Security is the Contractor's responsibility. Limit access to the construction area to persons involved in the work. Provide secure storage for materials that are stored on site. Secure completed work as required to prevent loss.

Barricades, warning signs, and lights shall comply with standards and code requirements for erection of structurally adequate barricades. All road warning signs, barricades, and traffic control devices shall conform to MUTCD. Where appropriate and needed, provide lighting, including flashing red or amber warning lights.

The Contractor shall barricade and block all access to holes with orange plastic fence, flashing amber lights, or warning signs. Holes or trenches shall not be left open more than 24 hours unless approved by the CO.

Protection of Improvements- The Contractor shall complete sequences of construction activity in order to prevent damage to equipment, material, and articles incorporated into the work covered by this contract. Contractor shall replace, or repair, as approved by the CO any improvements, covered under this contract or already existing, damaged by contractor's operations.

Before shutting down operations, take all necessary precautions to prevent damage to the project, such as temporary detours, approaches, crossings, or intersections; and provide for protection of surface drainage and minimization of erosion and prevention of spills.

Site Cleanup- The Contractor shall be responsible of solid waste disposal and personnel sanitation. The Contractor shall at all times keep the area in a clean, neat, and orderly condition. Construction related debris including, but not limited; to used motor oil, oil cans, grease cartridges and refuse shall be removed promptly from the site and disposed of in a lawful manner off National Forest System lands. Fees for the use of landfills or transfer stations shall be paid for by the Contractor if there is a change.

Other Operations- The Contractor shall avoid interference with the operations of other contractors or projects in the area.

## 4.0 Government Furnished

Government is in possession of stringers which are stored at a location about 6 miles from construction site. The contractor will have to retrieve the stringers from location which will be supplied at a later date. See plans for prep work required to prepare stringers.

## 5.0 Deliverables / Schedule

Period of Performance

The period of performance is 440 days following Notice to Proceed. All work shall be completed no later than November 10, 2027.

Periods of Restriction

Site disturbing activities shall be performed in accordance with the periods of restrictions noted in the Plans, Permits, or any other applicable contract terms, conditions, and technical instructions.

Submittal and Notifications

In addition to permits, bonds, and/or any other applicable forms required under the contract's provisions and/or clauses, below is summary of key submittals and timeline. Contractor shall refer to and adhere to applicable submittals and certifications noted in the Plans and Specifications for complete requirements.

**Submittal Schedule:**

| | **ITEM** | **TIMELINE** |
|---|---|---|
| ☐ | Contractor's Safety Plan and Traffic Control Plan | Within 10 days of Award |
| ☐ | Contractor's Spill Prevention, Control, and Countermeasures Plan | Within 10 days of Award |
| ☐ | List of Subcontractors and Suppliers* | Within 10 days of Award |
| ☐ | Contractor's Quality-Control Plan | Within 10 days of Award |
| ☐ | New Hampshire DOT Permit if Applicable | Within 10 days of Award |
| ☐ | List of Emergency contact names, numbers and title of personnel. | 2 weeks before mobilization |
| ☐ | Manufacturer's Fabrication Drawings and Design Calculations | 21 days prior to production |
| ☐ | Proposed Source of Aggregate and Stone | 21 days prior to use |
| ☐ | Construction Schedule | 2 weeks before mobilization |
| ☐ | Designation of Contractor's on-site superintendent | 2 weeks before mobilization |
| ☐ | Aggregate and stone screen reports | Prior to hauling and placement |
| ☐ | Delivery load slips; such as aggregate, borrow, concrete, and asphalt | Upon Delivery |
| ☐ | Manufacturing test results and Material Production certifications | As required |
| ☐ | Quality control in-place test results | As required |
| ☐ | Manufacturer's instructions, Warranty Information, and Supplemental Data | Upon Delivery |
| ☐ | As-built Drawings if needed | Upon Completion |
| ☐ | Proper Invoices | As required |
| ☐ | Progress certifications and quantity measurements | With Invoices |
| ☐ | Certificates of Payment | With Invoices |
| ☐ | Certified Payroll Reports | Weekly |

* "List of Subs & Suppliers" assumes that an Item which meets Specifications as written is supplied. Evaluation of product substitution requires review and approval by the CO/COR and may require longer schedule.

**Notification Schedule:**
The following events require an advance written notification to the COR. Notifications may be faxed, mailed, emailed, or hand delivered.

| | **EVENT** | **PRIOR NOTICE REQUIRED** |
|---|---|---|
| ☐ | Change in Schedule | As soon as identified |
| ☐ | Change in Subcontractors or Suppliers | As soon as identified |
| ☐ | Intent to close site or alter public traffic | 21 days |
| ☐ | Intent to mobilize or to suspend | 14 days |
| ☐ | Intent to dewater or impact streams | 14 days |
| ☐ | Intent to start excavation | 48 hours |
| ☐ | Intent to deliver structural components | 14 days |
| ☐ | Intent to place structure or backfill against structure | 48 hours |
| ☐ | Intent to install incidental or ancillary items | As progressing |

## 6.0 Specifications

This project uses the Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects (FP-14), U.S. Customary Units; available by reference and download from https://hlh.fhwa.dot.gov/resources/specs/fp-14/fp14.pdf

Please note the attached FS supplemental Specs.

## Attachment

*Plans, location map and FS supplemental Specs.*