

US Department of Agriculture (USDA)



Forest Service



Southern Research Station

Statement of Work

Bent Creek Experimental Forest
Superintendent's Residence (Site ID #10)

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Project

Superintendent's Residence drainage and miscellaneous repairs.

General Information

1.0 Project Location

1577 Brevard Road

Asheville, NC

35.504469, -82.595786

<https://goo.gl/maps/6bTTnyE9LTz3nRCv8>

2.0 Scope of Work

The HOUSE - 010 (SUPT. RESIDENCE) (00-0001-BC) is in need of upkeep and repair, including addressing sewer drainage issues, failed HVAC units, damaged exterior doors and windows and failing finishes in the kitchen and bathroom.

3.0 Background

Bent Creek Experimental Forest is a 6,000 acre forest established in 1925. The administrative campus of Bent Creek consists of multiple buildings constructed throughout the 20th century. Work under this contract is on a 1,622SF, two story wood frame structure built in 1933 and used as a temporary residence for multiple individuals. The site and building will be occupied during the execution of this work.

Lead based paint and plumbing sealants containing lead may be encountered during the execution of this work. No other potentially hazardous materials are expected to be encountered during the execution of work under this Scope of Work. Should the contractor encounter any additional suspected hazardous materials, stop work and contact the COR immediately.

Contractor Requirements

4.0 Technical Requirements / Tasks

1. Sewer line does not drain properly, earlier work indicates that the pipe has separated just outside the exterior wall where the line transitions from cast iron to PVC. Replace the section of cast iron pipe under the wall with PVC and reconnect as necessary to restore functionality to all fixtures/drains.
2. Basement sink leaks inside wall, remove sink and cap connection to existing piping.
3. Paint on kitchen cabinets is peeling, sand and prep all wall, ceiling and kitchen casework painted surfaces and repaint to match existing color and sheen. Remove and replace all caulk along the kitchen countertop
4. Lower level storm door is missing a pane of glass, replace missing pane with like material.
5. There are multiple broken panes of glass that need to be replaced, inspect all windows and repair as needed with like materials.
6. Remedy any mold in bathroom, remove and replace caulk around the bathtub and shower surround, paint the bathroom walls and ceiling, matching existing color and sheen.
7. Replace existing bathroom exhaust fan with a humidity-sensing unit of similar airflow capacity. Adjust to a 60% RH threshold and maximum runtime.
8. Clean gutters.
9. Clean dryer vent and bathroom exhaust duct
10. Remove and replace 3-ton cooling only condenser, evaporator coil and gas furnace serving the main floor (~1,080SF). New unit shall be Energy -Star certified.

11. Remove and dispose of upper level window AC unit. Install a new storm window where AC unit was located match existing storm windows.
12. Replace 1 hollow core wood door in kind. Reuse existing door hardware
13. Install 1 doorknob in existing mortise lockset (original to the building). Match other doorknobs as closely as possible. If not possible to closely match, use a doorknob from an attic closet and replace that doorknob with a best-matching set.

5.0 Submittals

The following submittals will be required for review and approval 10 working days prior to beginning work:

- Product data for caulk, adhesives, paint, and any other products installed during the execution of the work.

6.0 Government Furnished

Access to the work site during normal business hours (0730-1700 M-F, excluding Federal Holidays). Parking and storage areas in the vicinity of the work area. Coordinate final locations with SPOC. 120V power supply in the vicinity of the work area. Contractor shall provide any required extension cords. Potable water supply in the vicinity of the work area. Access to public restrooms.

7.0 Schedule

The Contractor shall begin performance within 14 calendar days and complete it within 90 calendar days after receiving authorization to begin work from the Contracting Officer.

8.0 Travel

Travel costs associated with the work shall be included in the overall fixed price provided in response to this SOW.

9.0 Contractor's Key Personnel

Contracting Officer (CO): TBD

Contracting Officer's Representative (COR): Jason Anderson, Jason.L.anderson@usda.gov, 828-712-1923

Site Point of Contact (SPOC): TBD

10.0 Security Requirements

Contractor's employees and subcontractors are required to check in with the site point of contact every day prior to beginning work. The SPOC will coordinate daily requirements for sign in and provide access to work areas as needed.

11.0 Clean Up/Disposal

Contractor shall provide daily removal of work-related debris and trash from the building to the disposal location. Contractor shall provide final cleaning to restore workspace to original condition or better. Do not dispose of waste material on Government property, including sanitary, septic and stormwater drains. Onsite Dumpster is NOT available for use by the Contractor. The Contractor is encouraged divert as much material as possible from disposal in a solid waste landfill by utilizing salvage businesses for the recyclable content generated from the work.

12.0 Data Rights

N/A

13.0 Section 508 – Electronic and Information Technology Standards
N/A

Attachment



Existing Indoor Gas Furnace (to remain) with Cooling Coil (to be replaced)

GOODMAN MANUFACTURING CO., L. P.
HOUSTON, TEXAS 77008

MODEL CK36-1A
 SERIAL NO. 9808502936
 A.C.VOLTS 208/230 PHASE 1 HERTZ 60
 VOLTAGE RANGE MIN. 197 MAX. 253
 MIN. CIRCUIT AMPS 22.9
 MAX. FUSE AMPS OR HACR TYPE CIRCUIT BREAKER 40
 (HACR CIRCUIT BREAKER FOR U. S. ONLY)
 COMPRESSOR RLA 17.3 LRA 89.0
 MAX. WORKING PRESSURE _____
 FAN MOTOR FLA 1.3 H.P. 1/6
 FACTORY CHARGE OZ. R22 _____
 FACTORY TEST PRESSURE PSIG LOW 150 HIGH 300



HEATING AND COOLING EQUIPMENT



CENTRAL COOLING AIR CONDITIONER
G0182770080



CAUTION
DISCONNECT THE ELECTRICAL POWER BEFORE SERVICING.

ATTENTION:
DECONNECTER DU CIRCUIT D'ALIMENTATION ELECTRIQUE AVANT L'ENTRETIEN.
USE COPPER CONDUCTORS ONLY.
THIS EQUIPMENT SUITABLE FOR OUTDOOR USE.

MEA NO. 348-96-E PART NO. 14938-173

ACCEPTED FOR USE
CITY OF NEW YORK

B1493

Existing outdoor AC unit nameplate information