

STATEMENT OF WORK

I. GENERAL SCOPE OF WORK: The VA Nebraska Western Iowa Health Care System has an emergency need to replace the underground steam line that supplies steam to Laundry and adjoining areas. Work includes general construction, alterations, and certain other items. The Contractor must provide all labor, materials, tools, and equipment necessary for demolition, construction, and installation according to the plans and specifications for this project. Construction is estimated to take 14 calendar days from the Notice to Proceed.

A. PURPOSE OF PROJECT:

1. The purpose of this contract is to replace the existing underground steam line feeding the laundry and adjoining areas, and install a new underground steam header. All work shall be limited to the open Courtyard and adjoining areas of the Courtyard and Laundry Room at the VA Nebraska-Western Iowa Health Care System – Grand Island campus, 2201 North Broadwell Avenue, Grand Island, Nebraska 68803-2193 (the VA).

B. GENERAL DESCRIPTION:

1. A crane will lift an excavator and necessary materials into the courtyard area. The crane will remove the excavator after the work is completed.
2. Ensure there are no live electrical wires/conduits or other pipes in the area of excavation.
3. Remove existing steam line header and piping, including all insulation from the interior side of the wall on the supply side to the interior of the laundry room where the steam line penetrates the wall.
4. Install new steam pipe (Sch. 40 black welded pipe) and necessary condensate removal equipment.
5. Pressure check piping for leaks before insulating and burying.
6. Insulate all new piping and disturbed areas of existing piping.
7. Place concrete as necessary to seal up wall penetrations on each building.
8. Bury new steam and condensate lines and return the courtyard to pre-existing condition.
9. Remove all debris from VA property.
10. Courtyard will be closed during construction.
11. Contractor must supply all necessary equipment.
12. Contractor must plan for, schedule, and receive approval for any steam/condensate interruptions ahead of time with engineering for commencing work on the current steam and condensate connections.
13. Supervisor must be on site during construction.
14. Prior to work commencing, Contractor must check-in with Engineering.
15. Maintain a clean working site.

C. BASE BID:

- A. Cost for excavating existing header and burying new header.
- B. Cost for removing existing header.
- C. Cost for abatement and disposal of all asbestos containing insulation.
- D. Cost for materials/ installation of new steam header.
- E. Cost for insulating the new header.

- F. Cost for installing new header parallel to existing header to minimize the interruptions to laundry.

II. REQUIRED SERVICES:

- A. **SUBMITTALS:** The following shall be submitted to the contracting officer for review:
 - 1. Written summary of all tests, inspections and results conducted by the general or subcontractors.
 - 2. Waste report for all material removed from the site.
- B. **PERMITS:** Contractor is responsible for all necessary permits at no additional cost to the government. All site utility locating services will be provided by the Contractor at no additional cost to the government.
- C. **TESTING, INSPECTION AND APPROVAL:** Contractor is responsible for all necessary testing, inspections and approvals required by local enforcing authorities and in accordance with Construction Specification Institute's master specifications in order to produce a warranted product without additional cost to the government. All site utility locating services will be provided by the Contractor.
- D. **CONSTRUCTION PERFORMANCE STANDARD:** Contractor is solely responsible for construction quality that will result in a final product meeting the following conditions:
 - 1. Standard one-year contractor's warranty as administered by this contract.
 - 2. Additionally, no visible surface defects during this period.

III. ESSENTIAL REFERENCES FROM THE VA:

- A. **ATTACHED:**
 - 1. General Requirements
 - 2. Site Plan and Details
 - 3. SECTION 23 07 11 HVAC and Boiler Plant Insulation
 - 4. SECTION 23 22 13 Steam and Condensate Heating Piping
 - 5. SECTION 33 63 00 Steam Energy Distribution
 - 6. Steam and Outside Distribution System Design Manual
- B. **All applicable city, state and national codes and standards shall be followed to include, but not limited to:**
 - 1. VA Master Construction Specifications (PG-18-1)
 - 2. International Building Code, All Chapters
 - 3. OSHA Standards
 - 4. NFPA 101 Life Safety Standards
 - 5. VA Accessibility Standards