

NSWCDD
PERFORMANCE WORK STATEMENT (PWS)
Building 1490 C Wing Air Cooled Chiller
Replacement
Task Order #0047

1.0 BACKGROUND

The Naval Surface Warfare Center, Dahlgren Division (NSWCDD) requires the replacement of the air-cooled chiller in C Wing of Building 1490 onboard NSWCDD. This work shall be completed within **240 calendar days** from contract award.

2.0 APPLICABLE DOCUMENTS

2.1 The following attachments are provided in support of this construction task order:

A) B1490 C-wing Air Cooled Chiller Replacement_PWS

3.0 REQUIREMENTS

3.1 All work shall be performed at NSF Dahlgren, VA during normal working hours (Monday-Friday 0700-1600). All work shall be done in accordance with the latest version of US Army Corps of Engineers Safety and Health Requirements Manual EM 385-1-1 dated November 2014 and all applicable building and life safety codes. Contractor shall manage demolition debris to ensure it remains within the limits of disturbance. All demolition operations shall be conducted in accordance with local, state, and federal laws and regulations. The contractor shall provide all required equipment, with operators and laborers, and additional labor as required, to demolish, remove and dispose of the demolition materials off base. Personal protective equipment (PPE) is required by Contractors throughout the project by all workers.

4.0 SCOPE OF WORK

All construction work for this task order shall be performed in accordance with Attachment A as summarized below:

The work includes the replacement of the existing C-Wing York Air Cooled chiller, identified as chiller #2 at Building 1490. The existing chilled water plant consists of two air-cooled chillers and a primary/secondary chilled water loop system.

4.1 Submittals

4.1.1 The Contractor shall provide submittals for this construction project in accordance with Attachment (a) which includes but is not limited to the following:

Submit electronic copies of the following submittals for government review and approval prior to proceeding with work:

4.1.2 Pre-Construction Submittals:

- a. Construction Schedule
- b. Accident Prevention Plan (APP)
- c. Activity Hazard Analysis (AHA)
- d. Personnel Roster

4.1.3 Construction Submittals:

- a. Chiller
- b. Chiller Disconnect
- c. Heat trace
- d. BAS Controls
- e. Pipe Insulation
- f. BACnet Wire
- g. O&M's (3 hard copies and 3 electronic copies)
- h. Ozone Depleting Substance Report
- i. Crane/Lift Plan
- j. Chiller Testing Plan (how will the chiller operation be tested)

5.0 GOVERNMENT-FURNISHED PROPERTY/MATERIAL/INFORMATION (GFP/GFM/GFI)

N/A

SECURITY

All work to be performed under this SOW is UNCLASSIFIED. Government provided escorts will not be required for this work.

6.0 SAFETY

7.1 The Contractor shall comply with the requirements of NSWCDD, Department of the Navy (DON), and DOD safety policies and practices

currently in force and all subsequent revisions. Established policies, directives, and guidance relating to safe operating practices and personnel safety are mandatory and shall be complied with at all times.

7.2 The Contractor shall monitor and observe all activities and personnel to ensure strict adherence and compliance to applicable standard operating procedures and safety procedures. The Contractor shall observe all applicable technical, safety, and policy requirements as applies to the handling of hazardous materials.

All operations are subject to DOD/DON/NSWCDD safety inspections.

7.3 The Contractor shall address and comply with all applicable workplace and work environment conditions for compliance with the intent and letter of Federal, State, local and DoD Occupational Safety and Health laws and regulations, policies, and practices.

7.4 The contractor shall provide portable toilet for the jobsite. The contractor shall provide a designated Site Supervisor and Quality Control Manager to be onsite. The Government will provide a laydown area to be determined at the pre-construction meeting. Proof of U.S. Citizenship or green card/naturalization certificate are required to perform work. Two types of ID are required: i.e. ID card, driver's license, or active Passport. Location for onsite dumpsters will be coordinated upon award.

7.0 TRAVEL

N/A

8.0 TECHNICAL POINT OF CONTACT (TPOC)

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