

SCOPE OF WORK
Provide Screens to Chilled Water Plant
Cooling Towers Bldg. A-47

General:

This is to address the request to provide screens to prevent debris and leaves from clogging the cooling towers at Bldg. A-47 Naval Research Laboratory, Washington D.C.

Scope of Work:

Provide all labor, material, equipment and tools necessary to install removable PVC Air Inlet Louvers on all open faces of four (4) cooling towers. Cooling Towers 1, 2, and 3 are BAC Model#3781-2C. Cooling Tower 4 is a BAC Model#3604C.

Schedule of Work:

The Contractor shall provide all necessary labor, equipment, parts and supplies to:

- a. Remove and dispose of all existing expanded metal screens and “J-Channel” tracks used to support screens.
- b. Supply and install new galvanized steel air inlet louver supports on the north and south faces of Cooling Towers 1, 2, 3, and 4.
- c. Supply and install new PVC air inlet louvers on Cooling Towers 1, 2, 3, and 4. New air inlet louvers shall be CL100 Cellular Louver Panels or equivalent product. Inlet louvers shall be 2-1/2” deep x 12” wide x height of air inlet face. Entire face of all four cooling towers shall be covered with the new louver panels. New air louver panels shall be removable for maintenance purposes.

Location of Project:

Building A-47
Naval Research Laboratory
4555 Overlook Ave, S.W.
Washington, DC 20375-5320

Start of Contract:

The Contractor shall notify the Contracting Officer in writing once all equipment, materials and tools are available and ready to be installed in accordance with this contract. The Government and the Contractor shall mutually agree upon a start date and the Contractor shall be given a minimum of seven days notice to begin work.

Fire Permit:

The Contractor shall not perform any type of welding, torch cutting and/or open flame work without first obtaining a fire permit. The Naval District Washington Fire Department covers the NRL site. Requests for "hotwork" must be made to them at (202) 685-0209 or (202) 685-0211. The Resident Officer-in-Charge of Construction (ROICC-9040) Phone (202) 767-1037

Material and Equipment Submittals:

Upon award of the contract, the Contractor shall provide manufacturer's materials and equipment specification bulletins and / or cut sheets pertaining to this contract work. The Contracting Officer's Technical Representative shall review the Contractor's materials and equipment specification data information for approval and / or disapproval.

Execution of Work:

The contract work shall be accomplished during normal working hours. Normal working hours are 0700 hours to 1600 hours, Monday through Friday. The duration of this contract shall not exceed sixty (60) days from the start of work.

Housekeeping:

During the contract period, the Contractor shall be responsible for maintaining a continuous clean working environment in all areas where contract work is being accomplished on a daily basis. At the end of each working day, the Contractor shall sweep down and clean the working area, collect and remove all debris from Government property. NRL dumpsters may not be used.

Waste Management:

The contractor shall be responsible for ensuring, to the maximum extent possible, that any waste generated from this contract is diverted from landfills and incinerators and either recycled and/or reused. Waste that can be considered for recycling or reuse includes metals, concrete, gypsum products, paper and cardboard, wood products, masonry, carpet, plastics, mechanical and electrical products and equipment. The Contractor shall be permitted to retain any profit from the sale of recycled or reused waste. The Contractor shall be required to submit to the Contracting Officer within 15 days of the end of the contract, all records of waste generated from the contract. This report should include:

waste category; total amount of waste (in pounds or tons) amount and type of waste recycled or reused; name of recycling facilities used; amount and type of waste landfilled and/or incinerated; name of landfill and/or incinerator used. The Contractor shall use his own dumpsters for disposal of emptied and flattened cardboard products. The Contractor shall comply with all applicable Federal, State, and local environmental laws and regulations.

Environmental Management System Information:

The Contractor shall be aware that the Naval Research Laboratory has implemented an Environmental Management System (EMS) as directed by Executive Order 13423 *Strengthening Federal Environmental, Energy and Transportation Management*. EMS policy requires a reduction in hazardous waste disposal through alternate recycling and reclamation efforts. The Contractor shall be aware that the work activities related to this contract can cause real or potential significant environmental impact; thus, the Contractor shall competently perform all duties and responsibilities with a commitment to EMS policy. Pollution Prevention and Right-to-Know Information shall be observed during the duration of this contract.

Utility Outage:

The Contractor shall be made aware that any type of utility (electrical, domestic water, natural gas, steam and steam condensate) outage that is required to accomplish any work pertaining to this contract, a minimum two week notice is standard policy at the Naval Research Laboratory. If the Contractor requires a utility outage, he/she shall submit this request in writing to the Contracting Officer's Representative. Under no circumstances shall the Contractor be allowed to secure any utility without written approval from Code 3500, Research and Development Services Division.

Safety:

The Contractor shall conform to Federal, State and local safety laws, rules and regulations, to include complying with 29 CFR 1926, and EM 385-1-1, US Army Corps of Engineers Safety and Health Requirements Manual. The contractor shall provide a competent person as site safety and health officer and competent person(s) for hazards identified in the activity hazard (AHA). Safety training requirements for the site safety and health officer and competent persons are provided in the EM 385-1-1. The contractor shall submit an accident prevention plan including AHA for government review and approval. The Contractor shall submit site specific APP and AHA. For any additional information, contact the safety office at 202-767-2232.

Point of Contact:

For the execution of contract work, the point of contact shall be and shall be the contact for all questions and scheduling of work as well as inspections of work and payments to the Contractor.