



STATEMENT OF WORK

SUBJECT TITLE: Modify Vibration Acoustic Lab 5D5

PW: 6683

NRL SITE: NRL

BLDG: A59

PREPARED BY: CODE 3531, Wenhan Xue

DATE: 05/24/2023

The statement of work is described below and is comprised on the following sections and attachments.

- A. General Contract Information
- B. Technical Criteria
- C. Project Point of Contact
- D. Service
- E. Waste Management
- F. Environment Management System Information
- G. Warranty

A. GENERAL CONTRACT INFORMATION: Provide service consisting of the following task

- a) **Task:** Provide service in accordance with below project requirements:
 - Re-route the existing sprinkler system at Lab 5D5 (Building A59) at the new opening of the existing mezzanine level.
- b) **Kick-Off Meeting:** Coordinate meeting within 2 week of contract award
- c) **Schedule:** Provide project schedule within 3 weeks of contract award
- d) **Cost Proposal:** Provide detailed cost break down, any exclusion has to be properly noted in the cost proposal with explanation of exclusion.

B. TECHNICAL CRITERIA: All work required by this contract must be performed in accordance with the latest versions of the following industry specifications and standards, to the full extent applicable:

- Unified Facility Criteria (UFC) and associated reference
- Insulated Cable Engineers Association (ICEA)
- Underwriter's Laboratories, Inc. (UL)
- National Fire Protection Association Standards (NFPA)
- American National Standards Institute (ANSI)
- National Electrical Manufacturers Association (NEMA)

- Illumination Engineering Society of North America (IESNA)
- National Electrical Installation Standards (NEIS)
- National Electrical Code (NEC)
- International, national, state, and municipal construction codes as adopted, unless the Contract Documents specify a different code that is used instead. EM 385-1-1 is a compliance document for this contract
- Operations involving the use of a crane will require a crane lift plan from the contractor for review and approval from Code 3523.
- Code of Federal Regulations (CFR).
- Accident Prevention Plan (APP) shall be in accordance with (IAW) Army Corp of Engineers EM-385 Latest Revision.

All work performed in accordance with the above specifications shall be in strict compliance with OSHA regulation 29 CFR 1926. Particular attention is directed to "Safety Related Work Practice" 1926.416 and "lock and Tagging of Circuits," 1926.417.

C. PROJECT POINT OF CONTACT: The Government points of contact for this project are as noted below

- a) Naval Research Laboratory, (NRL) Contracting Officer (KO):
TBD

- b) Naval Research Laboratory, (NRL) Engineer in Charge (EIC)

[REDACTED]
[REDACTED]
[REDACTED]

Research and Development Service Division, Code 3531
4555 Overlook Ave, SW Washington, DC 20375

D. SERVICE:

- a) Responsibility:

Contractor is responsible to provide service under this contract. Contractor shall notify the contracting officer and NRL EIC in writing once all the equipment, material 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 to begin work.

- b) Available Data:

Pertinent data in Naval Search laboratory will be made available via the Engineering Branch when appropriate. Additional requirements may apply. Any data provided is for reference only.

Contractor is responsible to obtain accurate information, but not limited to: exact locations, existing dimensions, existing field conditions, existing utilities above or below ground, any temporary metering, any required testing, soil boring* etc.

*Soil boring material will be safely storage in his corresponded approved storage,

properly closed and label, Provide in Label Project Name, PW #, Contractor Name, NRL EIC. Contractor shall notify NRL Environmental Code 3536 of location of the containers and the date that will be pick-up and removed from site.

c) Field Investigations/Surveys/Site Visit:

Any field investigation/Site visits have to be coordinated via NRL EIC of the project. Any requested site visits shall have a minimum of seven (7) days notice. Additional documentation for site visits shall be submitted directly to the visitor center office.

d) RFI's/Submittals:

Any Requests for Information (RFIs) or Submittals have to be submitted in writing for review and approval. Use a transmittal sheet for each RFI or submittal. Allow 2 week for government review and comment.

For submittals, provide all Manufacture's material and equipment/devices specifications

*If project requires installation of a new generator, unit cannot be brought on site until the Title 5 permit is issued, NRL Environment will coordinate the permit. Contractor shall provide NRL environment all the manufacturer's materials and equipment specifications/ bulletins and/or cut sheets pertaining to this contract work

e) Asbestos /Lead Containing Material:

Contractor shall test for any presence of Asbestos/Lead Containing Material in within the affected area for construction prior any work start, any remediation work has to be included in the construction plan.

f) Photos:

Required picture will be taken by the NRL EIC and will follow the NRL security screening process prior to release. Contractor are not allowed to take any pictures.

g) Interruption of Utilities:

Contractor shall not interrupt any utility without written request for an outage request. Action has to be coordinated via NRL EIC.

h) Permits:

Contractor is responsible to acquire all required local/State permits before any construction start.

i) Laydown Area:

Laydowns areas will be coordinated via NRL Facility Service Desk Code 3523.

j) Traffic Pattern:

If traffic pattern has to be temporarily changed due to construction activities, such plan has to be submitted to NRL Facility Service Desk Code 3523 for review and approval. Contractor is responsible to provide all the necessary traffic, detour and pedestrian signs for the period of the re-route.

k) Mean of Egress :

If constructions activities affect escape route, access to doors and stairs. Contactor is responsible to provide alternate route during construction activity and provide temporary signs. Any alternate plan has to be submitted for approval.

l) Unexpected Field Conditions:

If during construction, unexpected field conditions are encountered that will affect the statement of work of this contract, contractor is responsible to notify in writing the contracting officer and NRL EIC for review and resolution.

m) System Training:

Any required training for any system installed within this contract should be coordinated with NRL EIC and has to be executed prior to project turnover to the government.

n) Stop of Work:

Only the contracting officer can issue a stop of work of this contract. Any presented issues on the field have to be referred to the NRL EIC for proper action

o) Final Inspection :

Contractor shall coordinate with NRL EIC for a final walkthrough, any deficiency noted will be recorded on a punch list for records and be distributed to the Contracting officer and the NRL EIC. Contract shall have 30 days to make any corrections before re-inspection.

E. WASTE MANAGEMENT:

The contractor shall ensure to the full extent possible, that any waste generated by this project is reused or recycled. Waste, such as (but not limited to) metals, concrete, gypsum products, paper, cardboard, wood products, brick, plastics, mechanical products and equipment, and electrical products and equipment shall be diverted from landfills and incinerators through reusing or recycling. The Contractor is permitted to retain any funds from the sale of recycled or reused materials. The Contractor shall clean-up, remove and dispose of all concrete and work related debris off NRL property.

In the cases of lead based paint and other hazard waste generated by the demolition, the hazard materials shall be inspected, and all associated paperwork and manifest shall be signed by the NRL Hazardous Waste Manager prior to leaving the construction site.

All construction debris and recyclable materials, in terms of amounts and pricing, shall be accounted and reported to NRL Environment.

NRL Hazardous Waste Manager
Scott Loneosme@nrl.navy.mil

The contractor shall submit, within 15 days of completion of this project, all records indicating the disposition of waste generated by this project. Records shall indicate weight, method, and location of the disposition of

the waste. The Contractor shall comply with all applicable Federal, State, and local environmental laws and regulations. Final payment will not be made until records have been submitted to and approved by the Government (Code 3546)

F. 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

G. WARANTY:

TBD.