**Project Title: NMCI Emergency Power Generator Fuel Tank Replacement**
Activity Location: **Naval Support Activity (NSA) Orlando FL and UCF Hyperspace Orlando, Florida**
Scope of Work Prepared by: **NAWCTSD, Orlando**

## ***PART 1 GENERAL***

## 1 GENERAL INFORMATION:

It is the declared and acknowledged intention and meaning to replace the existing 1000gal fuel take for NAWCTSD's emergency power generator which provides emergency power to NAWCTSD's server farm and its associated cooling system. The system is located at 12211 Science Drive, Orlando, FL 32826.

### 1.1 DETAILED PROJECT DESCRIPTION:

The current fuel tank of NAWCTSD's Emergency Power Generator, which was installed in 2001, has extensive corrosion and rust damage which has compromised the structural integrity of the tank. An inspection of the tank by Ring Power's fuel tank inspector shows that both the inner and outer (this is a double walled tank) tanks have been compromised by rust damage and no longer hold pressure indicating that there are holes in the tank. Additionally, there is both water and rust contamination in the fuel due to the corrosion and this contamination could result in damage to the engine fuel system which could cause a catastrophic failure of the unit.

1.1.1 The contractor will disconnect all required connections between the unit and the building, and all required connections between the unit and the fuel tank. All electrical work will be performed by a trained, experienced, and licensed technician.
1.1.2 The existing fuel tank will be drained of all fuel.
1.1.3 The contractor will utilize a crane to remove the generator from the fuel tank.
1.1.4 The contractor will remove the existing fuel tank from the foundation and take all necessary precautions to ensure no fuel leaks from the tank. The contractor will then dispose of the tank IAW all local, state, and federal requirements.
1.1.5 The contractor will purchase a replacement 1000gal fuel tank that is compatible with the existing foundation and generator. Using a crane, the contractor will mount the new tank to the foundation IAW all mounting requirements and then install the generator on top of the fuel tank.
1.1.6 The contractor will reconnect all fittings and connections, fill the fuel tank to the appropriate level and ensure the unit is fully functional and provides back up power to the server farm.

Several requirements for this project phase are as follows:

- All applicable federal, state, and local codes shall be followed including but not limited to Unified Facility Criteria found at https://www.wbdg.org/ffc/dod/unified-facilities-criteria-ufc
- Ensuring that all work is tested to be complete and useable
- Ensuring dust and noise levels are kept to a minimum with daily cleanup.
- Ensuring there are no spills of HAZMAT

- Ensuring all Safety measures are followed and all risks are mitigated

## 1.2 SUBMITTALS

Submit three copies of the following for approval by the Contracting Officer within 7 calendar days after award.

1.2.1 Statements

a. Safety Data Sheet (SDS),

b. Statement of Nonuse of Ozone Depleting Substances (ODS),

c. Accident Prevention Plan including Activity Hazard Analysis,

d. Work Schedule,

e. Bonds and insurance.

f. Name, SSN, and Citizenship of each on site worker, and

g. Standard drawings in ACAD LT 2012 and PDF.

## 1.3 PERIOD OF PERFORMANCE

a. POP begins on 1 July 2026 and the Contractor shall be required to complete the project's entire work, ready for use, not later than September 25, 2026.

## 1.4 DEFINITIONS

Where "as shown", "as indicated", "as detailed", or words of similar import are used, it shall be understood that reference to the drawings/sketches accompanying this specification is made unless stated otherwise. Where "as directed", "as permitted", "approved", "acceptance", or words of similar import are used, it shall be understood that the direction, requirements, permission, approval, or acceptance of the Contracting Officer is intended unless stated otherwise. As used herein, "provided" shall be understood to mean "provided complete in place in a completely usable condition", that is "furnished and installed". As used herein "secure" shall be understood to mean "marked by solidity, firmness, and stability, especially in design or construction".

## 1.5 SAFETY REQUIREMENTS

In performing the contract, the Contractor shall provide for protecting the lives and health of employees and other persons and for preventing damage to property, materials, supplies and

equipment in accordance with the latest revision of the U.S. Army Corps of Engineers "Safety and Health Requirements Manuals" (EM 385-1-1) and "Occupational Safety and Health Standards" (29 CFR 1910). Prior to commencement of the work, the Contractor shall meet in conference with representatives of the Contracting Officer to discuss and develop mutual understandings relative to the administration of safety. All OSHA work standards shall be followed including but not limited to Lockout/Tagout procedures. Electrical Safety Code and OSHA 1910 subchapter S shall be specifically followed. Prior to commencement of the work, the contractor shall meet in conference with representatives of the Contracting Officer to discuss and develop a mutual understand relative to the administration of safety. ***Power shall not be deenergized without at least 2 weeks' prior approval of the Contracting Officer.***

## *PART 2 PRODUCTS*

Use only Contracting Officer approved parts or materials.

## *PART 3 EXECUTION*

### 3.1 STATION REGULATIONS

The Contractor and his employees and subcontractors shall become familiar with and obey all applicable Federal, State, local and station regulations, including fire, safety, traffic, and security regulations. No employee of the Contractor shall be admitted to the work site without satisfactory proof of United States citizenship. Some work areas may require an escort and/or a security clearance for access.

#### 3.1.1 Working Hours

Work hours will be coordinated with the Contracting Officer. The Contractor will work together with the Contract Surveillance Representative for access into restricted spaces. Contracting Officer shall approve working hours prior to commencement of work. Regular working hours shall consist of an 8-hour period established by the Contracting Officer between 6 a.m. and 6 p.m., Monday through Friday, excluding Government holidays.

-- End of Scope of Work --