

**Florida National Guard**  
**AASF#1 Cecil Field – Bldg. 860**  
**13650 Aerospace Way**  
**Jacksonville FL 32221**

**Turbine Engine Wash Water Purifier installation**

**Project Summary Scope of Work/Specification for the installation of an engine wash water purifier**

**Section 1 – Removal of existing equipment**

1. This section does not apply

**Section 2 – Installation of new equipment**

**2. Install quantity 1 (One) water distiller (furnished by owner)**

2.1. Mounting

- 2.1.1. Contractor will fabricate sub base for distiller
- 2.1.2. Sub base to be constructed from extruded aluminum (similar to distiller base)
- 2.1.3. Sub base top rails constructed from extruded structural aluminum angle to form four sided recessed “seat” for distiller base
- 2.1.4. Sub base will be 18” high from floor to sub base recesses “seat.”
  - 2.1.4.1. Sub base legs to be extruded aluminum rounded corner square tube

**3. Electrical**

- 3.1. Contractor will furnish and install electrical service from existing panel to new distiller location
- 3.2. Contractor will furnish and install new circuit breaker that meets distiller manufacturer recommendations

**4. Plumbing**

- 4.1. Contractor will furnish and install ¾” (minimum) CPVC pipe and all required connections to perform this installation
  - 4.1.1. Contractor will furnish and install 3 (three) bronze ball valves as shown in attached plan.
  - 4.1.2. Acceptable Manufacturer(s)
    - 4.1.2.1. Nibco or equal
  - 4.1.3. Contractor will furnish and install 2” open overflow/condensate drain
  - 4.1.4. Contractor will drill penetration through wall for overflow/condensate drain
  - 4.1.5. Contractor will pipe drain from distiller through wall to exterior of building.

**5. Permits**

- 5.1. Contractor is responsible for securing any/all permits required to perform this installation

**Project Summary Scope of Work/Specification for the installation of an engine wash water purifier (Cont'd)**

**6. Environmental**

- 6.1. The contractor is responsible for disposal of any and all waste associated with the installation of equipment
- 6.2. Copies of all records of recycling and waste disposal shall be submitted to the CFMO Environmental Office.
- 6.3. CFMO Environmental Office contact information  
Neal Newton – Environmental Compliance Manager  
Phone - (904) 823-0645  
Email - [neal.r.newton.nfg@mail.mil](mailto:neal.r.newton.nfg@mail.mil)

**7. Sub-contractors**

- 7.1. Any/all sub-contractors must be licensed in the State of Florida for their discipline.
  - 7.1.1. A copy of any/all sub-contractors licenses must be submitted to the Florida National Guard prior to the commencement of work.

**8. General**

- 8.1. All work performed must conform to current NEC Guidelines and local building codes.
- 8.2. Contractor will maintain and clear work area of all materials and debris at the end of each work and upon completion of all work
- 8.3. Storage of any contractor tools/equipment on site must be pre-approved by the Facility Manager

**9. Non-Technical requirements**

- 9.1. Primary contractor will be a licensed contractor with an active license in the state of Florida in any or all of the listed disciplines
  - 9.1.1. General Contractor
  - 9.1.2. Plumbing
  - 9.1.3. Electrical
- 9.2. Contractor will be actively registered in My Florida Marketplace as an approved vendor
- 9.3. Primary contractor will list all subcontractors in their proposal
- 9.4. Primary contractor will perform not less than 15% of the work described herein.
- 9.5. Proposal Due Date - See Exhibit 1 Invitation to Bid
- 9.6. Project must be 100% completed and fully functional within 30 Calendar Days from Notice to Proceed.

End of Section