

**STATEMENT OF WORK (SOW)
FOR CONSTRUCTION
FTFA23VH48
EXPANSION OF WAREHOUSE STORAGE CAPACITY BUILDING 11670**

STATEMENT OF WORK: The Contractor shall perform all construction services for subject project, hereafter referred to as “Project”, located on Eglin Air Force Base, Florida.

1. PROJECT DESCRIPTION:

a. CIVIL:

Civil work consists of grading work to fill an existing stormwater pond and create a building pad for the planned expansion along with construction of a new stormwater treatment pond, Water & sewer utilities will also require relocation to accommodate the expanded building footprint. The project is located on IRP site SS-086 with contaminated groundwater and soil. Discharge from dewatering should go to the county if possible. There is a possibility to discharge the groundwater on site pending the volume. Another possible option is to collect the groundwater and have the contents tested for contamination. The groundwater will need to be disposed of properly based on the test results.

Soils need to be considered contaminated. Soil can be dispersed if the soil remains within the SS-086 boundary. Another option is to stockpile excess soil. The soil can be tested. The soil will then need to be disposed of according to the test results.

b. ARCHITECTURE:

This project will consist of a new 4000 gsf climate-controlled, pre-engineered metal building (PEMB) warehouse addition for storage/staging and preparation of computers and other electronic materials for the 53rd wing.

c. STRUCTURAL:

The structural scope of this project includes the expansion of Warehouse Storage Capacity BLDG. 11670 at Eglin AFB. The addition will be a new pre-engineered metal building. The shallow foundation system will be designed to withstand the gravity loads and wind loads.

d. MECHANICAL:

The HVAC system for the I.T. Warehouse annex shall include a split system heat pump with supplemental electric heat, designed and constructed to maintain specific temperature and relative humidity setpoints in the building. The warehouse and bathrooms will be exhausted according to ASHRAE 62.1, 2019 standards with each area having its own dedicated exhaust fan.

e. PLUMBING:

The warehouse addition will add a bathroom with a floor mounted flush valve water closet and wall mounted lavatory. Piping serving this area will be connected to the existing domestic water service line. An instantaneous electric water heater will be provided to supply domestic hot water to the wall mounted lavatory. A floor cleanout and exterior two-way cleanout will be provided in the waste lines as well as a floor drain with a trap primer. Waste will exit the building and connect to the existing sanitary sewer. Fixtures will be vented through a new vent through the roof of the addition.

f. ELECTRICAL:

The existing 400 amp Main Panel shall serve a new 200 amp panel that will be installed in the new mechanical room. The 200 amp panel will serve the expansion receptacle, lighting, and mechanical power loads. Interior lighting will in general be LED, pendant mounted High Bays in the warehouse and LED, strips in the mechanical room, electrical room, etc. Exterior lighting will be LED Wall Packs.

END OF STATEMENT OF WORK