

AJF

**REPAIR PISTA GRIT SYSTEM #2
SEWER TREATMENT PLANT
BUILDING 4376**

WORK REQUEST # 5522448

1. **GENERAL INTENTION.** It is the declared and acknowledged intention of this solicitation to obtain the supervision, expertise, labor, materials, equipment to accomplish: The repair of Pista Grit system #2, Building 4376.

2. **LOCATION.** Sewer Treatment Plant, Building 4376

3. **DETAILED REQUIREMENTS.** The Contractor shall:

a. Provide and erect all safety barriers needed to keep unauthorized personnel out of the work area.

b. Ensure that permit required confined space procedures are followed prior to entering work area.

c. Pull the Pista Grit pump motor and pump and make repairs to the pump to include the replacement of the impeller, circulator ring, upper and lower seals, o-rings, gaskets, upper and lower bearings, rewind stator, lower bearing housing. Remove the suction tube, wash tube, and manufacture a stainless wash tube, and install the newly fabricated wash tube. Install a solenoid valve, 4-inch pinch valve, air solenoid valve, new vacuum pump and E-Stop.

d. Replace casing gasket and provide new bolt package and wire in materials.

e. Remove all existing grit buildup within the grit tank and dispose of at a certified approved landfill.

f. Reinstall the pump motor and pump, perform operational test to ensure that the equipment operates as per manufactures specifications.

g. The contractor will be responsible for any changes to the electrical service, such as breakers, conduit, disconnects, and wiring. Provide 3 copies Asbuilt drawing of any electrical changes.

h. The contractor is responsible for an on-site inspection to verify the work required.

i. Follow lockout-tag out procedures and have FMD personnel present to open and close all valves needed to divert the water flow as needed to complete this repair.

ENCLOSURE (1)

j. Coordinate crane lift and certification thru the Contracting Officer prior to start of this repair.

k. Certify that the system is operational and meets all state environmental codes Provide one-year warranty for all repairs completed to the Contracting Officer.

4. SPECIAL REQUIREMENTS. The Contractor shall be required to:

a. Notify the Contracting Office prior to the commencement of work

b. Have all materials on-site prior to commencement.

c. Complete the work within thirty, (30) calendar days.

d. All material associated with the repair, replacement, or removal is the property of the contractor and shall be removed from the air station and discarded in an approved land fill.

e. All North Carolina Building Codes, Fire Codes, Statutes, NEC and OSHA Safety Codes shall be strictly enforced. The contractor is responsible for any required permits.

f. All outages requires Contractor's written request fifteen (15) days prior to commencement of such work and Contracting Officer's approval.

5. TERMS OF CONTRACT: The contractor is responsible for an on-site visit to inspect the work areas and to understand fully the scope of work. All work performed shall be during the hours of 0700-1600, Monday through Friday. Any work performed outside of these periods must be, pre-approved by the Contracting Officer. Project completion shall be within 30 days following contract award.

6. JOB EXECUTION: The contractor shall coordinate thru the Contracting Officer to minimize the impact on the tenant's schedules. The demolition practice and installation shall conform to all industry standards and applications, i.e. all North Carolina Building Codes and Statutes, NEC and other OSHA Safety standards as they apply to this project. All equipment and debris generated from this project becomes the property of the contractor. The contractor must remove all equipment and debris from the job site and MCAS Cherry Point and taken to a state certified landfill, at no expense to the government.



PISTA GRIT # 1 & #2

GRAVEL ROAD

GRAVEL ROAD

ENCLOSURE (2)