**Scope of Work:**

Contractor shall provide all labor and materials in order to supply and install two inline grinders with motors, two lift station pumps, two electric pump motors, make any pipe revisions needed to support equipment, and run electrical service for equipment to existing disconnects, at the lift station on the west side of DD building for the Louisiana Department of Health (LDH).

**Location:**

East Louisiana Mental Health System

Highway 951

Jackson Louisiana, 70748

Dorothea Dix Building Lift Station Pump House

**Mandatory site visit contacts:**

Johnathan Holley: 225-634-0202 jonathan.holley@la.gov

Brad Stevens: 225-456-1465 brad.stevens@la.gov

 **Specifications:**

All grinders, pumps, and motors shall be installed by the contractor at the same location at the DD lift station pump house.

Existing damaged equipment shall be removed by East Louisiana Mental Health Systems plumbing staff.

Contractor shall provide and install two inline grinders, two grinder motors, two lift station pumps, and two pump motors, on a 5’6” wide by 8’ long steel plate above a 12’ deep catch basin. Contractor shall provide and install piping for the inlets and the discharges for the grinders, the pumps, and the force main connection. The contractor shall run the electrical service for the grinder motors, and the pump motors to existing disconnects.

* New Inline grinders shall have 3” to 4” inlets and discharges.
* New Lift station pumps shall have 3” to 4” inlets and discharges.
* Inline grinders shall be capable of grinding a high volume of trash being introduced into the sewer system. Examples include cloth rags, plastic tooth brushes, food wrappers, paper towels, baby wipes, anything that can be flushed, without exceeding voltage limitations.
* Pipe revisions include installing 3” or 4” inch inlet pipes to the grinders and 3” or 4” discharge pipes leaving the pumps. Discharge pipes shall be connected to the existing force main. Inlet pipe and discharge pipe shall be schedule eighty pressure pipe.
* Electric pump motors and inline grinder motors shall not exceed voltage limitations.
* Voltage and amperage limitations:
	+ The supply voltage for the lift station is 120/208 volts three phase. The contractor shall be responsible for everything from the load side of the main disconnects to the control panels to the motors.
* Lift station dimensions:
	+ Existing damaged pumps and motors are currently mounted to a 5’6” wide steel plate that is above a 12’ deep catch basin.

**General notes:**

-Contractor shall be responsible for supplying all labor, materials, and equipment needed to complete project.

-Contractor shall be responsible for all trash cleanup.

-Contractor shall be responsible for running electrical service to existing disconnects.

-Normal hours of operation at East Louisiana Mental Health System is 7:00am to 3:30pm, Monday thru Friday. Work shall be conducted during these hours.