**Installation – Pumps for Pump Station #4**

The Harrison County Development Commission (HCDC) will receive the sealed bids for *installation of pumps for pump station No. 4*, located within the Bernard Bayou Industrial District in Harrison County, Mississippi. Said bids will be accepted until **Friday, September 6th, 2019**, at **10 a.m. central standard time** at the HCDC offices, located at **12281 Intraplex Parkway Gulfport, MS 39503**. Contract requirements and specifications will be available for the inspection at the HCDC offices, you may also call **228-896-5020** or email *bids@mscoast.org*. For jobs awarded, it is the vendors responsibility to ensure HCDC receives certificates of liability/workers’ comp prior to each expiration year. The Commission reserves the right to reject any and all bids. Bids must be considered valid for a period of 90 days.

**Specifications**:

1. **Bypass Pumping**:
	1. Contractor shall set up a temporary bypass pumping system to handle the daily sewage flows.
	2. This shall include temporary plugging of the line between the gravity collection system and the existing pump station wet well.
	3. Thence a bypass pump capable of handling a flow of 1500 GPM or more, installed.
	4. Bypass pump shall be capable of running 24 hours a day, 7 days a week, for the duration of the project.
	5. Fuel and repairs shall be the responsibility of the contractor.
2. **Pump Installation**:
	1. Submittals shall be required for construction prior to onset of this project.
	2. Pumps, slide rail systems control, and floats will be furnished for installation by the owner.
		1. Electrical will be supplied by others.
	3. The wet well top slab, vent, and aluminum access cover will have to be removed and replaced with new concrete cover.
		1. Top will have to be 8” thick, 3500 PSI concrete with 2 matts of #5 rebar minimum.
		2. Door shall be “BILCO” sized to accommodate the removal of submersible pump via individual slide rails.
3. **Piping**:
	1. Piping shall be ductile iron (bolted fittings), sized 6” at pumps, manifolded together into a single 10” connected to the existing force main (10”).
		1. All excess piping to the drywell shall be plugged permanently.
4. **Valve Pit**:
	1. New backflow and gate valves shall be provided in a new valve box with a “BILCO” door sized to accommodate the removal of said valves.
		1. Valves to be AWWA approved.
			1. New force main will be buried a minimum of 36” deep.
	2. Valve vault shall have a 2” gravity drain run to the pump station wet well.
	3. Contractor be advised all miscellaneous hardware, bolts, nuts, washers, shall be of stainless steel unless otherwise noted, and shall be incidental to this project.
5. **Driveway Crossing**:
	1. Force main piping will have to be installed under the driveway to the facility by “open cut”.
	2. Replacement of the drive shall utilize an 8” limestone base and a 2” surface course on a well compacted subbase.
	3. Site to be left clean, well-drained condition and reseed with commercial grade contractors mix grass seed, fertilized and mulched with Bermuda or Alfalfa hay.