

**City of Havelock**  
**Westbrooke Pump Station, Discharge Pipe Leak Repair**  
**Addendum 3**  
**April 4, 2017**

The following questions were received:

1. How long have the Base elbows for the pumps been in service?
2. Do the pumps seal now or do they leak when operating?
3. If hydrogen sulfide is a problem in the station, do you want 401 epoxy lined fittings and pipe?
4. The discharge piping at the top of the wet well is a MJ tee with a tapped plug that has been sealed off. Do you want another tee, or just use a 90 degree ell to pipe to the check valve?
5. The Check valve in the valve vault appears to be new, as well as the 4" connection to the coupling within the vault. Do you want to reuse any of the new piping material?
6. In Base Bid, Item #2, what type of pipe and what pipe diameter connects the Collector Manhole #WB-44 to the existing wet well?
7. For the discharge pipe replacement in the wet well and the valve vault, the specifications seem to allow plain end DIP with High Max couplings or mechanical joints with grip ring accessory kits for connections. What class or wall thickness DIP do you require?

Answer:

1. Unknown, please include pricing with your bid for the replacement of both base 90 elbows.
2. Not currently leaking, please submit pricing for replacement with your bid.
3. Yes, hydrogen sulfide is a problem at the station, 401 epoxy lined fittings and pipe.
4. Please use a 90 degree elbow from pipe to the check valve.
5. No, due to hydrogen sulfide concentrate, please use 401 epoxy lined fittings and pipe.
6. The pipe connecting WB-44 to existing wet well is PVC, 8-inch, SDR-35.
7. The discharge pipe shall be 4-inch diameter DIP with 0.25-inch wall thickness.

In "Basis of Bid" section please replace existing table with the following table.

	Bid item	Description	Cost	
Base Bid	1	Replace pump #1 discharge pipe from mid-height flange within the wet well to the inlet face of the #1 check valve.	\$	Lump Sum
Base Bid	2	Repair a missing pipe segment between the wet well end of the existing gravity sewer line from Manhole WB-44 and the trash basket.	\$	Lump Sum
Option	3	Replace pump #2 discharge pipe from mid-height flange within the wet well to the inlet face of the #2 check valve.	\$	Lump Sum
Option	4	Replace pump #1 discharge pipe from the outlet of pump #1 to the inlet face of the #1 check valve.	\$	Lump Sum
Option	5	Replace pump #2 discharge pipe from the outlet of pump #2 to the inlet face of the #2 check valve.	\$	Lump Sum
Option	6	Replace pump #1 and pump #2 guide rails and brackets.	\$	Lump Sum
		Total		Lump Sum

Thank you for your continued interest in our project.