



Village of Roaming Shores

2500 Hayford Road

P.O. Box 237

Roaming Shores, Ohio 44084

Main: 440-563-3523, Administrator: 563-5083, (f) 563-5912, (c) 812-4032

Request for Bid — Sanitary Lift Station Bypass Project

Project

Excavate approximately 20 cubic yards of soil (10' x 10') and install to specifications a waste water bypass at the 3 East Plum Creek Sanitary Sewer Lift Station in the Village of Roaming Shores. The seeding, mulching and restoration of the site must be part of the fee proposal. The project will be observed – at no cost to the contractor - by the Village's Utility Department Superintendent.

Present Conditions

The Village's sanitary sewer collection system services approximately 950 homes with the assistance of 28 lift stations, which are equally positioned around the 550-acre Lake Roaming Rock. Twenty seven of the lift stations are 40 years old, feature sub-standard steel wet-wells and have exceeded their useful life. Ten of the most deficient lift stations are scheduled to be replaced over the next two years. However, it has been decided that several of the remaining stations must retrofitted with bypasses in order to achieve continued and improved service.

Goal

To provide the Village with the ability to use its own mobile generator and hydraulic pump to maintain the flow of sewage during power outages at the 3 East Waste Water Lift Station located Plum Creek Drive.

Assignment

See attached specifications.

Submittal

Complete the below bid form, sign and submit to the attention of the Village administrator by 10:30 a.m. on Wednesday, October 12, 2011. All bids must be valid for 90 days. The Village reserves the right to reject any and all fee proposals.

Company's Name _____

Street Address / P.O. Box _____

City _____ State _____ Zip _____

Phone _____ E-mail _____

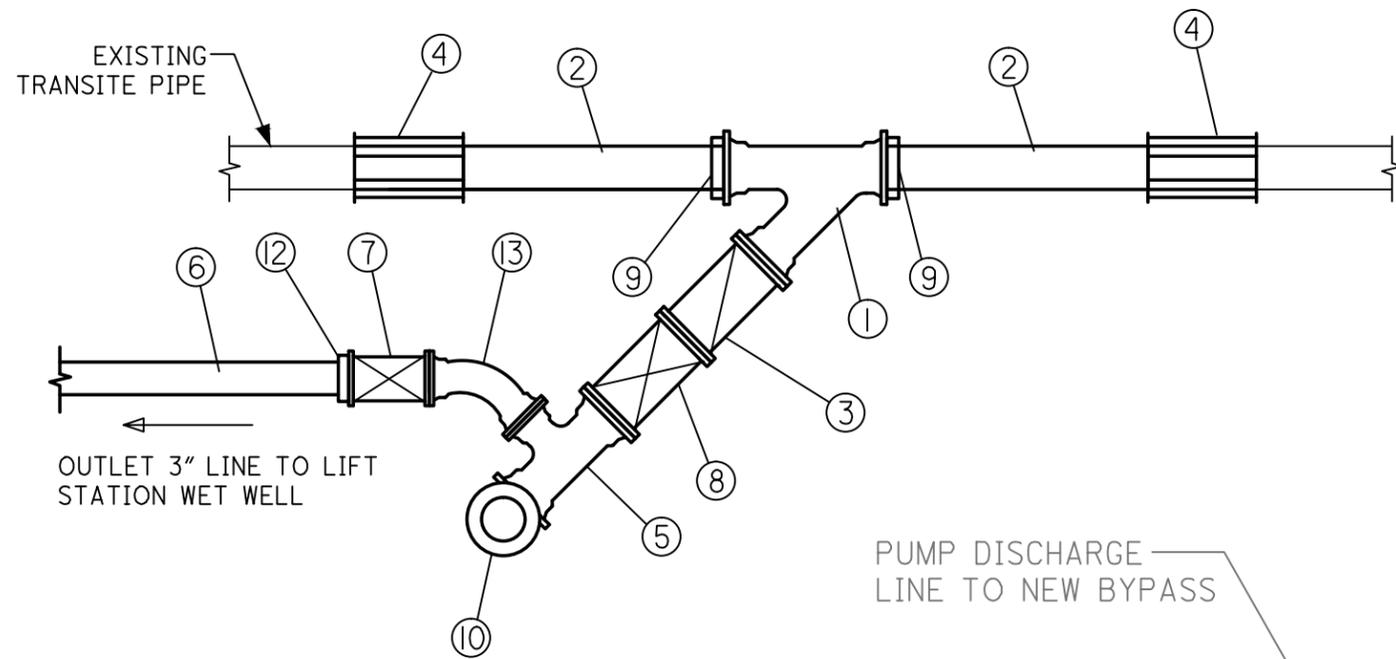
Owner's signature _____

Fee proposal to complete the project as described above and detailed in the attached specifications:

\$ _____

Questions

Contact: Kevin Grippi, village administrator at 440-563-5083 or administrator@roamingshoresOH.gov.



PLAN

PIPING SCHEDULE

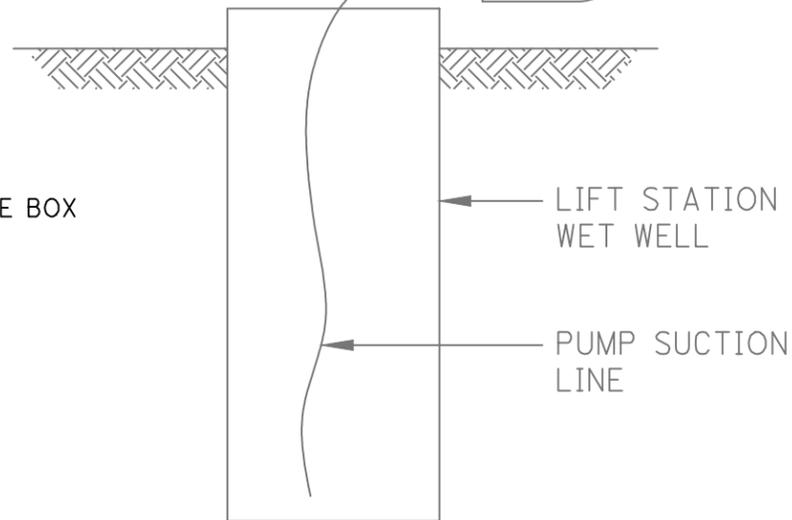
- ① 4"x4"x4" FLxFL WYE
- ② 4" PE DIP
- ③ 4" CHECK VALVE
- ④ 4" TRANSITION COUPLING
- ⑤ 4"x4"x3" DIP FLxFL TEE
- ⑥ 3" PE DIP
- ⑦ 3" GATE VALVE FLxFL W/ VALVE BOX
- ⑧ 4" GATE VALVE W/ VALVE BOX
- ⑨ 4" FLANGED COUPLING ADAPTER
- ⑩ 4" DIP FLxFL 90° ELBOW
- ⑪ 4" DIP PExTOE
- ⑫ 3" FLANGED COUPLING ADAPTER
- ⑬ 3" DIP FLxFL 45° ELBOW
- ⑭ 4" SS MALE CAMLOCK (FEMALE THREADS) W/ DUST COVER

LEGEND

DIP - DUCTILE IRON PIPE	FL - FLANGED
MJ - MECHANICAL JOINT	TOE - THREADED ONE END
PE - PLAIN END	SS - STAINLESS STEEL

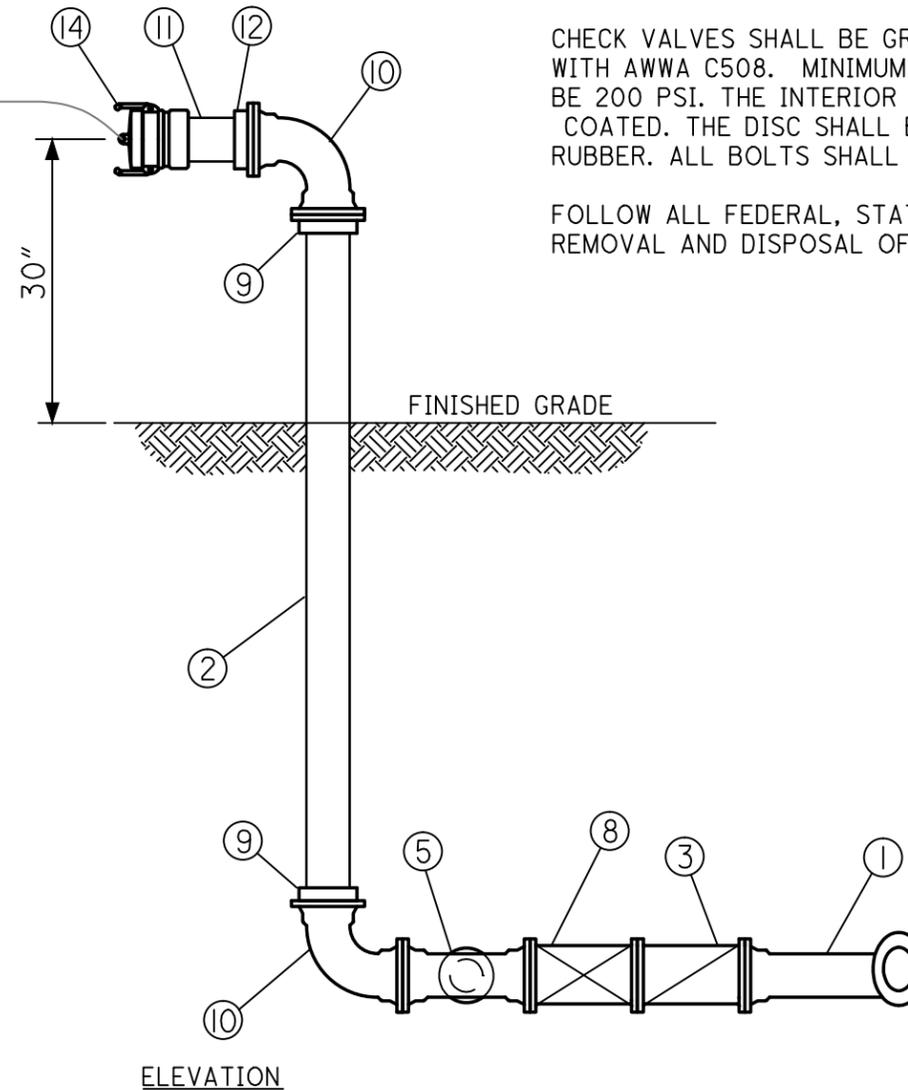
PUMP DISCHARGE LINE TO NEW BYPASS

PORTABLE PUMP



LIFT STATION WET WELL

PUMP SUCTION LINE



ELEVATION

GENERAL NOTES

DUCTILE IRON PIPE SHALL MEET THE REQUIREMENTS OF AWWA C151 CLASS 52. THE EXTERIOR SHALL HAVE AN ASPHALTIC COATING IN ACCORDANCE WITH AWWA C151, AND THE INTERIOR SHALL BE CEMENT MORTAR LINED IN ACCORDANCE WITH AWWA C104.

FITTINGS SHALL BE MECHANICAL OR FLANGED JOINT (AS NOTED ON THE PLAN) COMPACT DUCTILE IRON CLASS 350 IN ACCORDANCE WITH AWWA C153. FITTING SHALL HAVE EXTERIOR ASPHALTIC COATING AND INTERIOR CEMENT MORTAR LINING

GATE VALVES SHALL BE DUCTILE IRON RESILIENT WEDGE TYPE IN ACCORDANCE WITH AWWA C509 WITH FLANGE ENDS. VALVES SHALL BE NON-RISING STEM WITH A 2" SQUARE OPERATING NUT. WEDGE SHALL BE COMPLETELY ENCAPSULATED WITH RUBBER. VALVES SHALL BE SUPPLIED WITH O-RING SEAL AT ALL JOINTS. ALL BODY AND BONNET BOLTS SHALL BE STAINLESS STEEL.

CHECK VALVES SHALL BE GRAVITY TYPE IN ACCORDANCE WITH AWWA C508. MINIMUM WORKING PRESSURE SHALL BE 200 PSI. THE INTERIOR AND EXTERIOR SHALL BE EPOXY COATED. THE DISC SHALL BE ENCAPSULATED IN EDPM RUBBER. ALL BOLTS SHALL BE STAINLESS STEEL.

FOLLOW ALL FEDERAL, STATE, AND LOCAL LAWS WITH THE REMOVAL AND DISPOSAL OF TRANSITE PIPE.