

REQUEST FOR QUOTATIONS

City of Gibraltar, Michigan

The **City of Gibraltar (Owner)**, Michigan (“MI”), is requesting quotations for Storm Sewer Maintenance at four locations within the City of Gibraltar. The scope of the work comprises of the following items:

LOCATION 1 – Outfall #15 (South Gibraltar Rd)

- Furnish all labor, material, and equipment necessary for all the preparatory work and operation for Location 1, including but not limited to those necessary for the movement of personnel, equipment, supplies, delivery of materials to the jobsite, and incidentals to the job site which is necessary to undertake the work on the project, and for expenses incurred, prior to beginning work on the contract. This shall also include all preconstruction costs, including insurance and bonds, quoting costs, and any necessary direct costs to the project which are of a general nature.
- Furnish all labor, material, tools, equipment, and incidentals required for the installation and maintenance of all temporary soil erosion and sedimentation control measures to minimize land disturbance and provide protection against erosive actions of wind, ice, precipitation and water, including all excavation, furnishing and installation of measures (silt fencing, drainage structure inlet filter, turbidity curtain, etc.), maintenance during construction and per SESC inspections, removal upon completion of construction and acceptance by ENGINEER, and establishment of permanent SESC measures.
- Furnish all labor, material, equipment, and tools required to dredge and remove sediment in the area of and around the outfall at the location. Volume of removed material is approximately 8 cubic yards, item includes all excavation, if necessary testing of dredged material pursuant to Part 115 Solid Waste Management of the Natural Resources and Environmental Protection Act 1994 PA 451 as amended and it's administrative rules, transportation and off-site disposal to an approved municipal solid waste landfill or U.S. Army Corps of Engineers Confined Disposal Facility, including copies of testing and manifest documentation.
- All dredged material shall be the property of the Contractor and if not reused on site, shall be disposed of at the contractors expense pursuant to Part 115 Solid Waste Management and Part 325, Great Lakes Submerged Lands or Part 301, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, including all additional City, State, and Federal rules and requirements. * Note sediment testing requirements may be waived if sediment is not transported from project site.
- Furnish all labor, material, equipment, and tools, including pipe plugs and dewatering, required to install one (1) TF-1 Red Valve Products Tideflex Check Valve on existing 36” RCP outfall pipe, including stainless steel mounting bands. Contractor to field verify

Army Corps of Engineers Confined Disposal Facility, including copies of testing and manifest documentation.

- All dredged material shall be the property of the Contractor and if not reused on site, shall be disposed of at the contractors expense pursuant to Part 115 Solid Waste Management and Part 325, Great Lakes Submerged Lands or Part 301, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, including all additional City, State, and Federal rules and requirements. * Note sediment testing requirements may be waived if sediment is not transported from project site.
- Furnish all labor, material, equipment, and tools, including pipe plugs and dewatering, required to remove existing Check Valve and replace with one (1) new TF-1 Red Valve Products Tideflex Check Valve on existing 24” Cast Iron outfall pipe, including stainless steel mounting bands. Contractor to field verify existing outfall pipe material and sizing to insure ordering the correct size Tideflex Check Valve. Installation to be per manufacturer’s installation standards and recommendations.
- Include all preparation of the subgrade, furnishing, placement, and storing of suitable Engineer approved clean backfill material, compaction, as required, for restoration and incidental clean-up of project work site to previous or better condition, placement of a minimum of 3-inches of topsoil, seed, mulch, fertilizing and watering, all material, equipment, and labor necessary to provide for a complete installation ready for use by the Owner, etc.
- Refer to product specifications and to plan sheet for location and additional information. Contractor shall abide by all Federal, State, and Local applicable laws, codes, regulations, and rules. Contractor shall complete all other items required to code, whether specifically mentioned or implied, for functioning Tideflex Check Valve operation ready for use by the Owner.
- Under NO circumstances shall the CONTRACTOR be allowed to accumulate debris, etc..., on the site of work unless otherwise approved by OWNER.

LUMP SUM (LOCATION 2) \$

=====

LOCATION 3 – Outfall #8 (Pointe Drive / East Gibraltar Waterway)

- Furnish all labor, material, and equipment necessary for all the preparatory work and operation for Location 3, including but not limited to those necessary for the movement of personnel, equipment, supplies, delivery of materials to the jobsite, and incidentals to the job site which is necessary to undertake the work on the project, and for expenses incurred, prior to beginning work on the contract. This shall also include all preconstruction costs, including insurance and bonds, quoting costs, and any necessary direct costs to the project which are of a general nature.

preconstruction costs, including insurance and bonds, quoting costs, and any necessary direct costs to the project which are of a general nature.

- Furnish all labor, material, tools, equipment, and incidentals required for the installation and maintenance of all temporary soil erosion and sedimentation control measures to minimize land disturbance and provide protection against erosive actions of wind, ice, precipitation and water, including all excavation, furnishing and installation of measures (silt fencing, drainage structure inlet filter, turbidity curtain etc.), maintenance during construction and per SESC inspections, removal upon completion of construction and acceptance by ENGINEER, and establishment of permanent SESC measures.
- Furnish all labor, material, equipment, and tools required to dredge and remove sediment in the area of and around the outfall and tideflex valve at the location. Volume of removed material is approximately 8 cubic yards, item includes all excavation, if necessary testing of dredged material pursuant to Part 115 Solid Waste Management of the Natural Resources and Environmental Protection Act 1994 PA 451 as amended and it's administrative rules, transportation and off-site disposal to an approved municipal solid waste landfill or U.S. Army Corps of Engineers Confined Disposal Facility, including copies of testing and manifest documentation.
- All dredged material shall be the property of the Contractor and if not reused on site shall be disposed of at the contractors expense to an approved municipal solid waste landfill or U.S. Army Corps of Engineers Confined Disposal Facility, pursuant to Part 115 Solid Waste Management and Part 325, Great Lakes Submerged Lands or Part 301, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, including all additional City, State, and Federal rules and requirements. * Note sediment testing requirements may be waived if sediment is not transported from project site.
- Furnish all labor, material, equipment, and tools required to remove existing 24-inch storm sewer pipe and replace with approximately 130 LF of new 24-inch RCP Storm Sewer Pipe for connection of new 16-inch Ductile Iron Pipe from new 16-inch EJIW Gate Valve and Tideflex Check Valve. Backfill Storm Sewer Pipe in trench with Wayne County Trench "A" (Green Belt Area), including all tee, bend, reducer, fittings, Kor-Ten "blue" bolts (including rust-proofing), sleeves, concrete thrust blocks, pipe plugs, dewatering excavation, bedding, compaction, cutting of seawall, and all material, equipment, and labor to provide for a complete installation, ready for use by the Owner, etc.
- Furnish all labor, material, equipment, and tools required to install one (1) new EJIW 16-inch gate valve, or approved equal by Owner, on new 24-inch storm sewer pipe within new 6-foot diameter precast concrete gate well, with EJIW #1040 frame and cover. Contractor shall field verify depth of existing storm sewer pipe for sizing/ number of sections for gate well installation. Contractor to make connections of new 16 inch diameter Ductile Iron Pipe from new 16-inch gate valve to new 24-inch RCP storm sewer pipe and into existing storm catch basin structure, including all excavation, sheeting,

4. A **Non-Mandatory pre-quotation conference** will be held at **10:00 A.M. on Wednesday, November 2, 2016** local time at the offices of the OWNER (City of Gibraltar), 29450 Munro Street, City of Gibraltar, Michigan. Representatives of Owner and Engineer will be present to discuss the Project. Contractors submitting quotes are suggested to attend and participate in the conference and tour of the Sites. ENGINEER will transmit to all prospective Contractors of record such Addenda, as ENGINEER considers necessary in response to questions arising at the conference. Oral statements may not be relied upon and will not be binding or legally effective.
5. All applicable related items.

The selection of a Firm to undertake this project will be based on professional qualifications, experience and expertise of the personnel, and ability to meet deadlines. The proposal shall include the necessary information on personnel assigned to the work and a chart of the project schedule including the promised start and finish deadline dates. Proposers shall make necessary visits to the site where the Outfalls are located. It is the proposer's responsibility to become familiar with all facilities required to complete the evaluation and provide recommendations to the City of Gibraltar. The proposer's failure to familiarize themselves with all aspects of the project along with City, State, and Federal laws or other unseen or latent conditions shall not be cause for the proposer to seek additional funds for this project. The lump sum cost of the requested services shall consist of the following:

TOTAL (LOCATION 1+ LOCATION 2+LOCATION 3+LOCATION 4) \$

All quotations shall include, as a minimum, the following provisions and information:

1. All of the significant assumptions on which the pricing is based;
2. A total project cost for each Location to the **City of Gibraltar** for the removal and installation of all described items.
3. A list of Personnel to be assigned to the Project, including all qualifications;
4. A properly completed Bid Bond, Certified Check or Cashier's Check in a sum not less than five (5) percent of the proposed amount of the proposal submitted, shall accompany each proposal as security for acceptance of the Contract by the lowest qualified bidder. Should the Contractor fail to enter into a Contract agreement with the Owner, through no fault of the Owner, he shall forfeit the entire amount of the security to the Owner.
5. General liability insurance of \$2,000,000 including explosion, collapse, and underground coverage. Proof of coverage must be provided with Proposal;
6. If awarded a contract, the Contractor shall furnish a completed Labor and Material Bond, Performance Bond, Maintenance and Guarantee Bond and required insurance(s) within fifteen (15) calendar days of contract award. Companies furnishing bonds and insurance shall be licensed in the State of Michigan.

7. Description of the specific experience in the State of Michigan with similar type projects;

EVALUATION OF SUBMITTALS

The **City** will evaluate the quotations and the respondents presenting them. The **City** will make its decision based on information gathered during the procurement process and based upon the recommendation of the **Engineer**.

The **City** regards the submission of the quotation as the most important factor in the selection of a respondent to provide the services described herein. The City reserves the right to reject any and all of the proposals, to waive any informalities and to award a contract to the proposer whom the City deems serves the best interest of the **City of Gibraltar**.

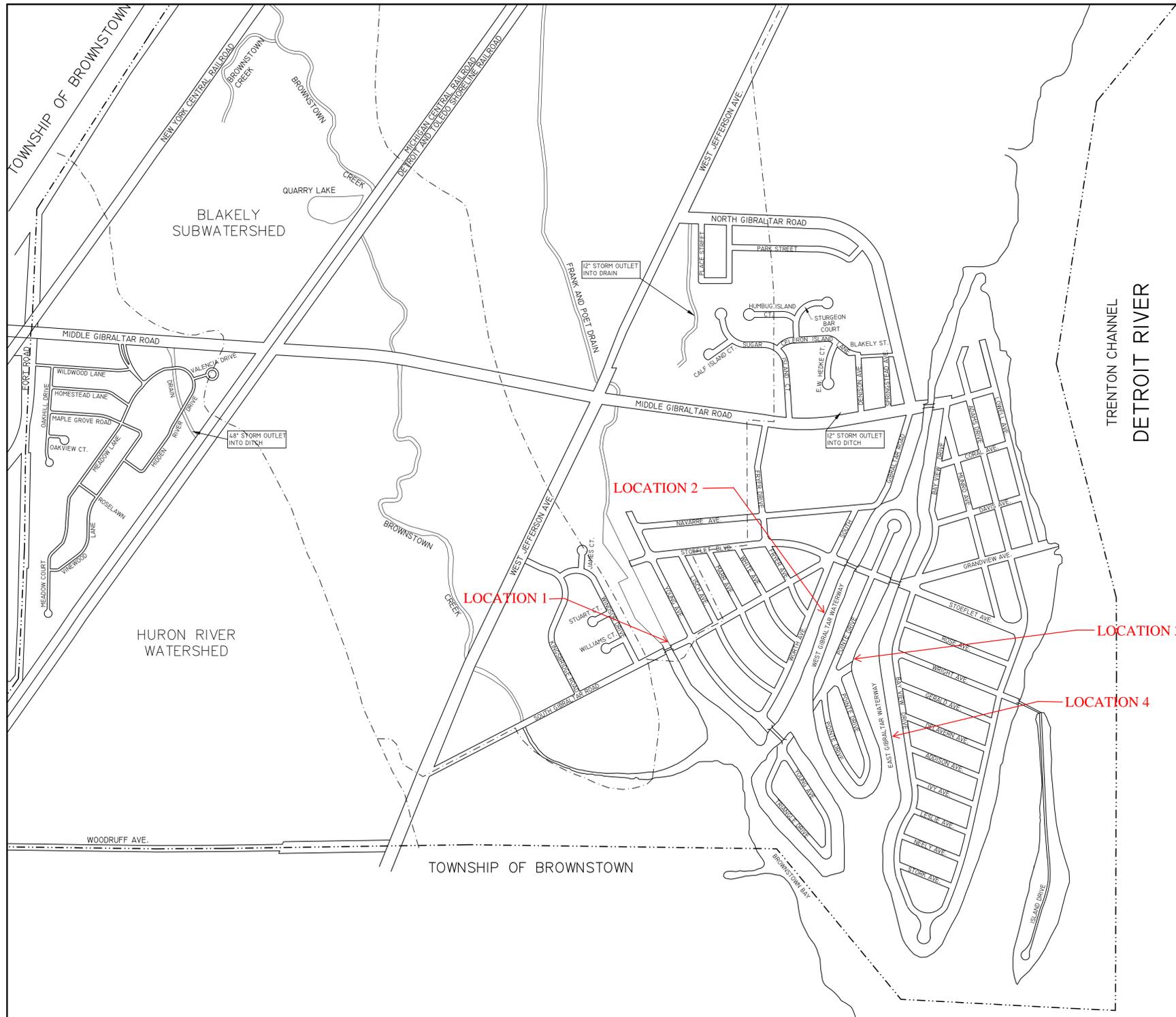
The **City** shall not be responsible for any costs incurred by responding to this Request for Quotations ("RFQ"). Further, the **City of Gibraltar** shall not be responsible for any costs incurred by participating in an oral presentation or costs associated with negotiations.

MISCELLANEOUS INFORMATION

Each respondent must submit three (3) copies of the Quotations no later than **3:00 P.M. EST on Thursday, November 10, 2016** addressed to: **City Clerk, City of Gibraltar, 29450 Munro Ave., MI 48173**. All quotes shall remain firm, and shall not be withdrawn for a period of ninety (90) days, following date of receipt.

The outside shipping envelope must be clearly marked "**REQUEST FOR QUOTATION – 2016 MAINTENANCE OF CITY OF GIBRALTAR STORM SEWER OUTFALLS & TIDE FLEX VALVES**."

Any questions or requests for additional information should be in writing and faxed to 734-285-7572. An answer will be furnished within three (3) business days of the fax, by return facsimile transmission.



LOCATION 1
NOT TO SCALE



LOCATION 2
NOT TO SCALE



LOCATION 3
NOT TO SCALE



LOCATION 4
NOT TO SCALE

LOCATION MAP
STORM SEWER OUTFALL

PROJECT	CITY OF GIBRALTAR		
	2016 - STORM SEWER OUTFALL PROJECT GIBRALTAR, MI		
JOB	GR-114		
SHEET	1		
DR.	APPR.	CHK.	DATE
			9/23/16
CHARLES E. RAINES COMPANY CIVIL ENGINEERS / SURVEYORS 17700 FORT ST. RIVERVIEW, MICHIGAN 48192 (734) 285-7510 FAX (734) 285-7512			ISSUED FOR



Series TF-1

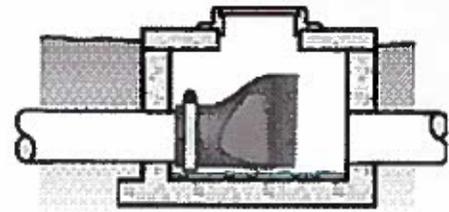
- ▶ Ideal for manhole installations
- ▶ Minimal bottom clearance required
- ▶ Lightweight, all-elastomer design
- ▶ Seals around small solids
- ▶ Available in slip-on or flanged design

Materials of Construction

Neoprene, Hypalon®, Buna-N, EPDM, Viton®.

Mounting Bands

304 or 316 Stainless steel.



The TF-1 is designed for installation in existing structures such as interceptors, manholes and vaults where the invert of the pipe is close to the floor. The flat-bottom and offset-bill design of the TF-1 allows it to be installed without any modifications to the structure.

The TF-1 offers low cracking pressure to reduce the potential for standing water and very low headloss which is not affected by rust, corrosion or lack of lubrication.

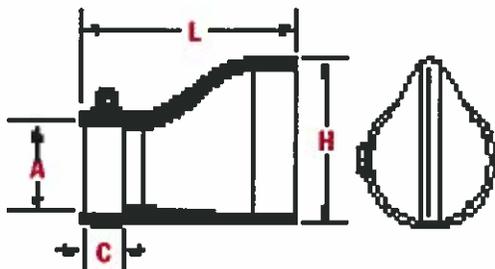
The TF-1 is ideal for sewer systems because it will seal around small debris.

The TF-1 design is available with a slip-on or flanged pipe connection.

Tideflex® TF-1 valves are constructed with a curved bill as standard.

Pipe O.D. (A)	Length (L)	Bill Height (H)	Cuff Length (C)
4	10	8	1 1/2
5	10	8	1 1/2
6	16	12	2
8	18	16	2
10	23	19	3
12	27	23	4
14	27	23	4
16	35	30	5
18	36	34	6
20	44	37	8
22	44	37	8
24	48	43	8
26	48	43	8
28	48	43	8
30	56	55	9
32	56	55	9
36	67	69	10
38	67	69	10
40	67	69	10
42	61	71	10
44	61	71	10
48	66	78	10
50	66	78	10
54	66	78	10
58	66	78	10
60	73	91	14
68	73	91	14
72	96	115	16

Numbers indicate maximum dimensions in inches.



Resilient Wedge Gate Valve



ej

Product

Resilient Wedge Gate Valve, Mech Joint x Mech Joint

Design Features

1. MECHANICAL JOINT END CONNECTIONS IN ACCORDANCE WITH ANSI/AWWA C111/A21.11
2. EJ RW GATE VALVES CONFORM TO:
AWWA C515
AWWA C550 (COATING)
3. WORKING PRESSURE = 250 PSI
TEST PRESSURE = 500 PSI
4. POST INDICATOR VALVES ARE AVAILABLE (4"-12").

Components

ITEM #	DESCRIPTION	MATERIAL
1	BODY	DUCTILE IRON
2	BONNET	DUCTILE IRON
3	WEDGE	D I/SYNTHETIC RUBBER
4	SEAL PLATE	DUCTILE IRON
5	STEM	MANGANESE BRONZE
6	OPERATING NUT	CAST IRON
7	STEM NUT	MANGANESE BRONZE
8	O-RING	RUBBER, BUNAN
9	BODY O-RING	RUBBER, BUNAN
10	O-RING	RUBBER, BUNAN
11	HEX CAP SCREW	STAINLESS STEEL
12	HEX CAP SCREW/WNUT	STAINLESS STEEL
13	HEX CAP SCREW	STAINLESS STEEL
14	THRUST WASHER	POLYMER
15	SHAFT SEAL	RUBBER, BUNAN
16	EAR CAP	POLYMER

Dimensions

VALVE	A	B	C
2"	10 5/8"	3 1/2"	8 1/2"
3"	13 1/8"	4 3/4"	9 3/4"
4"	15"	4 5/16"	9 5/16"
6"	18 9/16"	4"	9"
8"	22 11/16"	5 1/4"	10 1/4"
10"	27"	6 7/8"	11 5/8"
12"	31 1/8"	8"	15"
16"	39 1/2"	14 1/2"	21 3/4"

Drawing Revision

Designer: PFB 1/23/12

Revised By:

Disclaimer

Weights (lbs/kg) dimensions (inches/mm) and drawings provided for your guidance. We reserve the right to modify specifications without prior notice.

CONFIDENTIAL. This drawing is the property of EJ GROUP, Inc., and embodies confidential information, registered marks, patents, trade secret information, and/or know how that is the property of EJ GROUP, Inc. Copyright © 2011 EJ GROUP, Inc. All rights reserved.

Contact

800 626 4653

ejco.com

