



PROCUREMENT SERVICES

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ADDENDUM No. 1

REQUEST FOR QUOTATIONS No.: 1220-040-2022-013

TITLE: Supply and Delivery of Flap Gates for Flood Boxes

ADDENDUM ISSUE DATE: February 2, 2022

DATE: PREFER TO RECEIVE SUBMISSION ON OR BEFORE February 10, 2022.

INFORMATION FOR CONTRACTORS

Contractors are advised that Addendum No.1 to RFQ # 1220-040-2022-013 is hereby issued by the City. This addendum shall form part of the contract documents and is to be read, interpreted and coordinated with all other parts. The following information is provided to answer questions raised by Contractors for the above-named project, to the extent referenced and shall become a part thereof. No consideration will be allowed for extras due to the Contractors or any sub-contractor not being familiar with this addendum. This Addendum No.1 contains two (2) pages.

QUESTIONS AND ANSWERS:

- Q1.** Mounting Options Specified:
- Thimble mounting with a cast in place 'wall spool' is not structurally required and will add approximately \$50-65,000 total to this job.
 - Wall mounting w/ 1.0" [25] non-shrink grout pad between the flap gate frame/flange and headwall is the industry standard.
 - Spigot mounting around the pipe is used when there is not a concrete headwall and/or the plain end pipe is cantilevered out from a berm or concrete headwall.
- Please confirm the mounting type.
- A1. Mounting Type is to be wall mounted which has been specified in point b above.**
- Q2.** Leakage Rate. The specification currently states 'zero leakage'.
- This is not feasible to guarantee. We will likely be close to 'zero' in practice but, we could only guarantee a leakage rate in line with AWWA C561-14 for fabricated stainless steel gates.
 - Please confirm the AWWA C561 leakage rate is acceptable.

A2. Leakage rate is to conform to the AWWA C561.

Q3. We are unable to meet the requirement of zero leakage regarding Steel Flap Gates.

Utilizing resilient seats minimizes the leakage, and a well-made and properly installed rubber seated flap gate will leak very little, but to predict leakage with all the installation variables and operating conditions, the industry has not embraced a 'standard' for leakage.

A3. See answer A2.

Q4. Shape of flap gate. We can offer both round or square flap gates. Please confirm which shape is preferred.

A4. Flap gate shape is round.

Q5. Flap Gate Cover Construction:
Since these are stainless steel flap gates, the covers will be fabricated/welded using structural shapes in lieu of one-piece cast. This appears to be a left over language from a cast iron spec.

A5. Delete reference to cast iron spec.

Q6. EDPM Seal Material. Since hydrocarbons are often present in the industries we supply to gates into, we generally do not recommend EDPM seals. The hydrocarbons react with the EPDM to make to material swell and ultimately fail at a much faster rate than our Neoprene Rubber compound. We generally get a 20+ year service life out of our standard Neoprene seal material. Please confirm that neoprene rubber seals are acceptable for all sizes.

A6. Neoprene rubber seals are acceptable for all sizes.

Q7. Refer to Schedule A, the specification (bullets 6, 7 & 8) references wall thimbles, flanges and spigot back type connections. Specify the type of backs/connections for each of these flap gates:

A7. The flap gates are to be the flange backs for mounting to a headwall.

All Addenda will become part of the Contract Documents.

- END OF ADDENDUM -