



TENDER 20-34

WATERFRONT SEWER – LIFT STATIONS NO. 4, 5 & 6

ADDENDUM NO. 6

July 30th, 2020

This addendum forms part of the Tender Documents and shall be read, interpreted, and coordinated with all other parts. The costs of all elements contained herein shall be included in the submission. The following revisions, changes, corrections, additions, and or deletions supersede the information contained in the original Documents to the extent referenced and shall become part thereof.

Addendum Item 1 – Questions & Answers

1. Proponent Question:

Item 110 & 111 references sanitary service tie-in to existing properties. These services are not shown on the drawing but are presumed to be at the rear of the property and tie-in into the gravity sewer between SMH 11 and CO5. Is this correct? Can you please provide any additional information on what we are to include for?

Provided it's an unknown, I presume these services (current location), will not be directly beside the mainline. So the work would involve additional pre-locates, concrete removals, lead (to discovered location), in addition to simply tie-in them in. Is this a reasonable assumption? Can this be clarified/reflected on the drawings?

Response:

The tie-ins are upstream of IC (4) and CO (5). Assume existing sanitary services are 100 mm AC. Tie-in detail as per MMCD standard drg. S7.

The scope of the tie-in work is currently unknown and will be dealt with under the Change Order process during the contract.

2. Proponent Question:

There are currently billing items for 38mm/50mm water services with linear lengths provided (Items 99 & 100) and additional billing items for individual services at each pump station? Are these not the same scope? Can you please differentiate between what is to be included in each item?

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Response:

Please refer to the MMCD 33 11 01 1.8 Measurement and Payment, which describes the work applicable to the different pay items i.e. 1.8.1/2 and 1.8.4.

3. Proponent Question:

Addendum #3 referenced that there is no drawing for the yard hydrants, I have reviewed the spec and confirmed my understanding of the hydrants. However, where are these hydrants to be located? What is the length of their respective leads? How do they tie into existing water mains and where?

Response:

The yard hydrants will be located at the end of the water service lines to the pump stations, downstream of the Reduced pressure backflow preventors.

4. Proponent Question:

Item 10, "Temporary Erosion and Sediment Control" references the following spec:

| MASTER MUNICIPAL SPECIFICATIONS | ENVIRONMENTAL PROTECTION | SECTION 01 57 01 PAGE 4 OF 4 2009 |
|---------------------------------------|---|---|
| 1.6 Payment | .1 Payment for all work performed under this Section will be incidental to payment for work described in other Sections unless shown otherwise in the Schedule of Quantities and Prices. | |

However, nothing is shown on the drawings. What is the anticipated scope of work for this billing item?

Response:

The Contractor is to provide a Construction Environmental Management Plan as per Form of Tender 5.1.1.f. The work the Contractor's Environmental Monitor prescribes in the CEMP is paid as per 01 57 01 1.6.1.

5. Proponent Question:

Our supplier has advised us that the L 254 x 254 x 19 does not seem to be available anywhere in North America or even offshore. We could fabricate this as a bent plate but we would have to make complete pen weld splices every 10 feet or multiple bolted connections as shown for the midpoint connection. A bent plate would need to have a radius of 2" at the bend.

Response:

As per drawing C304, 19mm bent plate is acceptable. Complete pen weld splices will be acceptable for these members. It is also acceptable to increase the number of bolted splice connections (as per detail 2/C304). Splice locations and connections to be fully detailed on

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fabricator shop drawings. Fabricator is responsible for ensuring “fit-up” of bolted connections prior to delivery of steel to site.

6. Proponent Question:

Would a beam be considered as an alternative instead of the angle? The engineer would have to determine the size. But perhaps a W250x54, W250x60 or W250x68 could work. The most expensive of these options by far is to weld bent plates together.

Response:

The sizes noted in the question appear to be a combination of metric and imperial designations. W250x101 (W10x68 Imperial) will be an acceptable alternate to the L254 angles called up on the drawings. Fabricator is responsible for modifying connections shown on the structural drawings to suit the W250 members. All details to be shown on the fabricator shop drawings. The clear dimension (1300mm) shown on section B-B/ C304 shall be maintained between the W250 member flanges.

End of Addendum

Acknowledgement of this Addendum in your Tender submission is required.

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