



297-2020 ADDENDUM 1

SUPPLY OF PUMPING EQUIPMENT AND VALVES FOR WESTWOOD WASTEWATER PUMPING STATION UPGRADES

URGENT

PLEASE FORWARD THIS DOCUMENT TO WHOEVER IS IN POSSESSION OF THE TENDER

ISSUED: May 26, 2020
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THIS ADDENDUM SHALL BE INCORPORATED INTO THE TENDER AND SHALL FORM A PART OF THE CONTRACT DOCUMENTS

Template Version: A20190115

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Tender, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 8 of Form A: Bid may render your Bid non-responsive.

PART E – SPECIFICATIONS

Revise: E2.4 to read: The Contractor shall supply initial start-up, inspection and testing for the pumping equipment. The Contractor shall ensure that there are no issues regarding thermal expansion of the shaft and coupling connecting the pump and motor. A torsional analysis should be supplied with the final documentation.

Add: **E3. EXPEDITED SHOP DRAWINGS**

E3.1 In order to expedite Shop Drawings with critical timeliness, the Lowest Responsive Bidder, as outlined in B17.1, after receiving written approval from the Contract Administrator, is to arrange for the preparation of Shop Drawings for the following items with critical timelines.

- a) Five (5) 300 mm metal seated rising-stem gate valves as indicated in E2.7.
- b) Five (5) 350 mm metal seated rising-stem gate valves as indicated in E2.8.

E3.2 If Award is made to the Lowest Responsive Bidder, no payment for the preparation of Shop Drawings will be made.

E3.3 If no contract is awarded, then the City of Winnipeg will pay the requested Bidder up to a maximum of five hundred dollars (\$500.00) for each of the requested submissions noted above, for the preparation and delivery of Shop Drawings. Delivery of the Shop Drawings to the City and payment of the above amounts will constitute full and final consideration of each party to the other, and neither party will have any further liability to the other with respect to this Tender.

NMS SPECIFICATIONS

Section 40 05 52 – PROCESS VALVES

Revise: 2.1.1.4 to read: Supply cast iron hand wheels clearly marked with a flow directional arrow and the word "open" cast in relief on the rim. Provide hand wheels >300 mm (12 in) in diameter for all valves >200 mm (8 in) and 450 mm (18 in) in diameter for larger valves as required to allow for manual operation.

Delete: 2.1.1.5 Supply steel pipe Tee wrenches with socket to suit nut dimensions.

Section 43 21 13 – CENTRIFUGAL SHAFT PUMPS

Revise: 1.1.1.2.2 to read: Existing storm pump has a gas motor with a speed of 900 rpm with a power rating of 67 kW (90 hp).

2.1.2.4.3 to read: Minimum Speed: 880 rpm

2.1.2.4.6 to read: Size of Sphere Impeller Shall Pass: 76 mm (3.0 in)

2.1.2.4.7 to read: Diameter of Pump Suction: 350 mm (14 in)

Acceptable to supply 350 mm (14 in) diameter suction with reducer to pump suction.

2.1.2.4.8 to read: Diameter of Pump Discharge: 300 mm (12 in)

Acceptable to supply pump discharge with enlarger to 300 mm (12 in).

2.1.2.5.7 to read: Diameter of Pump Suction: 350 mm (14 in)

Acceptable to supply 350 mm (14 in) diameter suction with reducer to pump suction.

2.1.2.5.8 to read: Diameter of Pump Discharge: 350 mm (14 in)

Acceptable to supply pump discharge with enlarger to 350 mm (14 in).

2.3.12.1 to read: The drive shaft assembly coupling arrangement shall permit easy removal of either the pump or motor without disturbing the other. More than one (1) length of shaft shall be permitted to be used between the pump and the motor.

2.3.12.3 to read: The approximate elevations of the pump room floor, motor room floor and the main floor for the pumping station are shown in Table 1. The Bidder shall use this to approximate the drive shaft length for bidding purposes. Bidder shall confirm dimensions prior to submittal of shop drawings.

.1 Approximate Elevations.

DETAIL	ELEVATION (m)
Pump Room Floor	226.51
Motor Room Floor	233.12
Main Floor	236.45

2.5 to read: .1

The spare parts shall include:

- .1 One (1) spare mechanical seal for each wastewater sewage pump and one (1) spare mechanical seal for the storm pump; and
- .2 One (1) set of pump gaskets/O-rings/shims for the wastewater sewage pumps and one (1) set of pump gaskets/O-rings/shims for the storm pump.

Delete: 2.1.2.4.2 Minimum Shut off Head: 40 m (131 ft)

2.1.2.5.2 Minimum Shut off Head: 40 m (131 ft)

2.2.7.2.2 The shaft from the top of the impeller to the lower bearing supporting the impeller shall have a minimum diameter of 48 mm (1 7/8 in). The dimension from the lowest bearing to the top of the impeller shall not exceed 150 mm (6 in).