



## 627-2015 ADDENDUM 2

### SUPPLY, DELIVERY AND INITIAL START-UP INSPECTION OF PUMPING EQUIPMENT

#### **URGENT**

**PLEASE FORWARD THIS DOCUMENT TO WHOEVER IS IN POSSESSION OF THE BID OPPORTUNITY**

ISSUED: July 29, 2015  
BY: Ian Parkinson, P.Eng.  
TELEPHONE NO. (204) 786-8080

**THIS ADDENDUM SHALL BE INCORPORATED INTO THE BID OPPORTUNITY AND SHALL FORM A PART OF THE CONTRACT DOCUMENTS**

Template Version: A20150105

---

**Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid Opportunity, 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 D – SUPPLEMENTAL CONDITIONS**

- Revise D12.3 to read: The City intends to award this Contract by August 7, 2015.
- Revise D14.1(a) to read: Delivery of expedited shop drawings – no later than one (1) week after Award.
- Revise D14.1(b) to read: Delivery of shop test results – prior to delivery of Goods.
- Revise D14.1(c) to read: Delivery of Goods – December 18, 2015.

#### **PART E – SPECIFICATIONS**

- Revise: E4.5 to read: The vendor 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.
- Revise E6.1.5(a) to read: Operating point: Flow rate 2440 usgpm with 49 feet of head.
- Delete E6.1.5 Operating Points Table.
- Revise E6.1.6(g) to read: Starts per hour capability: 8
- Delete E6.2.6(b)
- Delete E6.2.8(b)
- Revise E6.2.12(d) to read: Motors will be subject to a maximum of eight (8) start/stop cycles per hour and the stator winding insulation should be suitable for such operation. In no case shall stator winding insulation be less than Class F.
- Revise E6.2.13(b) to read: Drive shaft and coupling(s) shall have a service factor of 2.5 to ensure ample capacity to transmit power continuously for all operating conditions with up to one (1) degree of misalignment which may occur during or develop after installation and should accommodate any thermal expansion based on a temperature differential of 100 degrees Fahrenheit.
- Delete E6.3.2(i)
- Revise E6.3.6(e) to read: Machined and polish impeller to 350 RMS surface finish.

Revise: E8(b) to read: Conduct motor tests in accordance with NEMA MG1. Each motor shall be tested for:

- Running current;
- Locked rotor current;
- Hi-pot test; and
- Winding resistance.