



# 952-2015 ADDENDUM 5

## NORTH END SEWAGE TREATMENT PLANT (NEWPCC) HAULED LIQUID WASTE FACILITY PHASE II UPGRADE

### **URGENT**

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

ISSUED: April 8, 2016  
BY: Rob Gillis  
TELEPHONE NO. 204 489-5900

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

Template Version: A20150806

**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 10 of Form A: Bid may render your Bid non-responsive.**

### **PART B – BIDDING PROCEDURES**

- Revise: B2.1 to read: The Submission Deadline is 12:00 noon Winnipeg time, April 13, 2016.
- Add: B5.3 Information provided to a Bidder by the City or acquired by a Bidder by way of further enquiries or through investigation is confidential. Such information shall not be used or disclosed in any way without the prior written authorization of the Contract Administrator. The use and disclosure of the confidential information shall not apply to information which:
  - a) was known to the Bidder before receipt hereof; or
  - b) becomes publicly known other than through the Bidder; or
  - c) is disclosed pursuant to the requirements of a governmental authority or judicial order.
- Add: B5.4 The Bidder shall not make any statement of fact or opinion regarding any aspect of the Bid Opportunity to the media or any member of the public without the prior written authorization of the Contract Administrator.
- Add: B5.5 Notwithstanding B5.3, all quotations, invoices and other pricing related information associated with the Standardized Goods and acquired by a Bidder or its Subcontractors through enquiries, investigation or any other means is confidential. Such information shall not be used or disclosed in any way, other than meeting the requirements of this Bid Opportunity.
- Add: B7.10 Substitutes to the City's Standardization Goods, as identified in E10, will not be accepted.
- Add: B10.5 The Bidder shall include the cost of the Standardized Goods identified in D26.1, including markup, in the appropriate line item(s) in Form B.

## **PART D – SUPPLEMENTAL CONDITIONS**

- Add: D3.1 (b)                    **"Standardized Goods"** means the respective goods identified in D26 that have been standardized by the City
- Add: D3.1 (c)                    **"Standardization Vendor"** means a contractor or supplier of Standardized Goods, as identified in D26.
- Add: D24.2                        The City's payment to the Contractor, associated with Standardized Goods, will be in accordance with C12.
- Add:                                **STANDARDIZATION**
- Add: D26                            **STANDARDIZED GOODS**
- D26.1    The following goods have been standardized by the City and will be supplied by the Contractor:
- a) Standardized Control System and Motor Control Equipment as per E11
  - b) Standardized Electric Valve Actuators as per E12
  - c) Standardized Gas Detection Systems as per E13
  - d) Standardized Instrumentation as per E14.
- Add: D27                            **CONTRACTUAL ARRANGMENT**
- D27.1    Each Standardization Vendor shall be a Subcontractor of the Contractor.
- D27.2    The City's contract with each of the Standardization Vendors defines the prices and general terms of supply to the Contractor. Each Standardization Vendor is obligated to enter into a contract with the Contractor, based upon such prices and general terms of supply.
- D27.2.1                            The City is not a party to any contract between a Standardization Vendor and the Contractor, or any Subcontractor.
- D27.3    In the event that a potential dispute arises between the Contractor and a Standardization Vendor, the Contract Administrator shall be notified.
- Add: D28                            **PAYMENT OF STANDARDIZATION VENDORS**
- D28.1    The Contractor is obligated to pay the Standardization Vendors in accordance with general terms of supply applicable to such Standardization Vendor.
- D28.2    The Contractor's payment terms to the Standardization Vendor, in respect of Standardized Control System and Motor Control Equipment identified in E11, include the following:
- D28.2.1                            Except as indicated in D28.2.2, payment shall be in Canadian funds net thirty (30) Calendar Days after shipment.
- D28.2.2                            Payment for motor control centres shall be in Canadian funds net thirty (30) Calendar Days and initiated based upon the following schedule:
- a) Upon approval of the shop drawings or forty (40) Calendar days after the last comprehensive submittal, in the event that a response is not made to the submittal: 25% of the total value.
  - b) Upon delivery of the complete MCC along with all associated as-manufactured documentation: 60% of the total value; or

- c) In the event that the delivery is intentionally delayed, upon request by the Contractor, the following payment schedule would replace the 60% payment:
  - i. Upon completion of the FAT and delivery of all as-manufactured documentation to the Contractor – 30% of the total value.
  - ii. Forty (40) Calendar days after delivery of the as-manufactured documentation to the Contractor, or upon delivery, whichever comes sooner – 30% of the total value.
- d) Upon successful commissioning and delivery of documentation or six (6) months after delivery, whichever comes first: 15% of the total value.

D28.3 The Contractor's payment terms to the Standardization Vendor, in respect of Standardized Electric Valve Actuators identified in E12, include the following:

D28.3.1 Payment shall be in Canadian funds net thirty (30) Calendar Days after receipt and approval of the Standardization Vendor's invoice.

D28.4 The Contractor's payment terms to the Standardization Vendor, in respect of Standardized Gas Detection Systems identified in E13, include the following:

D28.4.1 Payment shall be in Canadian funds net thirty (30) Calendar Days after receipt and approval of the Standardization Vendor's invoice.

D28.5 The Contractor's payment terms to the Standardization Vendor, in respect of Standardized Instrumentation identified in E14, include the following:

D28.5.1 Payment shall be in Canadian funds net thirty (30) Calendar Days after receipt and approval of the Standardization Vendor's invoice.

## **PART E – SPECIFICATIONS**

Add: **CONTRACTOR SUPPLIED STANDARDIZED GOODS**

Add: E10. **GENERAL REQUIREMENTS**

E10.1 Comply with the general requirements of E10 for all Standardized Goods supplied by the Contractor.

E10.2 Comply with the following Standardization Goods requirements:

E10.2.1 Control System and Motor Control Equipment in accordance with E11.

E10.2.2 Electric Valve Actuators in accordance with E12.

E10.2.3 Gas Detection Systems in accordance with E13.

E10.2.4 Instrumentation in accordance with E14.

E10.3 Contact the Contract Administrator regarding any potential uncertainty as to whether a good is covered under a standardization agreement.

E10.4 The Contractor may utilize a Standardization Vendor to provide other goods required under the Contract, in addition to Standardized Goods.

- E10.5 The Contractor shall separately track all goods supplied under each standardization agreement.
- E10.5.1 In the event that one or more Standardization Vendors are utilized to procure goods not covered under a standardization agreement, the Contractor shall ensure such goods are quoted, ordered, tracked and accounted in a separate manner.
- E10.6 Pricing
- E10.6.1 The City has obtained discounted pricing for Standardized Goods. Each Standardization Vendor is obligated to sell Standardized Goods to all prospective Contractors at the discounted price, provided the goods are for the City of Winnipeg.
- E10.6.2 The Standardization Vendors may at their option provide lump sum pricing for goods packages. The Standardization Vendor is not required to provide breakout pricing details to the Contractor.
- E10.6.3 The Contractor and Subcontractors shall not utilize the City's agreements with the Standardization Vendors for any purpose other than City work.
- E10.6.4 The City may audit the goods purchased from the Standardization Vendors under the standardization agreements and may identify to the Standardization Vendors any goods procured that are not associated with the Contract.
- E10.7 The Contractor is responsible for ensuring that the Material supplied by the Standardization Vendors meets the requirement of the Contract. The Contractor shall review and confirm quotations supplied by the Standardization Vendors to ensure that all required Material is supplied.
- E10.8 Without limiting or otherwise affecting any other term or condition of the Contract, including (non-exhaustive) D27.2.1:
- E10.8.1 The supply of goods through a Standardization Vendor shall not relieve the Contractor of their obligations.
- E10.8.2 Errors or omissions by a Standardization Vendor shall not be a cause for a Change in Work.
- E10.8.3 Delays by a Standardization Vendor shall not be a cause for a Change in Work where the delay could have been avoided through reasonable planning, contingency allocation, or communication by the Contractor.
- E10.9 Submittals
- E10.9.1 Submittals shall be provided for Standardized Goods in accordance with the Specifications and typical industry practice. Submittals shall not be bypassed for Standardized Goods.

Add: E11.

#### **STANDARDIZED CONTROL SYSTEM AND MOTOR CONTROL EQUIPMENT**

- E11.1 The City has standardized on a specific vendor for the supply and delivery of control system and motor control equipment. The Standardization Vendor was selected via RFP 756-2013 and was awarded to Schneider Electric Canada Inc. (Schneider).
- a) Copies of the tender documents are available from City of Winnipeg Material Management's website.

E11.2 Goods to be procured via this standardization agreement includes but is not limited to:

- a) Programmable Controllers (PLCs) including all associated components, hardware and software.
- b) PLC to Infi90 Termination Unit migration cables.
- c) Programmable Controller Programming Software.
- d) Process Simulator Software.
- e) HMI System software.
- f) Historian Server and Client Software.
- g) Touchscreen HMI systems such as Magellis HMIs.
- h) Touchscreen HMI Programming Software.
- i) Motor Control Centers including all components
- j) Loose VFDs, motor starters, soft starters, and associated components.
- k) Industrial Ethernet Switches as per design. Note that some Ethernet switches may be specified to be from other vendors due to application requirements. Refer to drawings and specifications.
- l) Version Management Software.
- m) Information Server Software.

E11.3 For clarity, this standardization agreement does not include:

- a) Computer workstation hardware including operating systems;
- b) Computer server hardware, including operating systems and general terminal server / client software;
- c) Thin client terminals;
- d) Fused and un-fused disconnect switches not incorporated into a MCC or other motor starter;
- e) Control stations and pendants not incorporated into a MCC or other motor starter;
- f) Electrical Transformers not in a MCC or motor starter;
- g) Panelboards not integrated in a MCC;
- h) Switchboards / Switchgear not integrated in a MCC;
- i) System Integration Services (including programming and configuration);
- j) Control Panels to house PLCs;
- k) Instrumentation;
- l) Power supplies not integrated with the PLC / HMI systems; and
- m) Terminal blocks not integrated with the PLC / HMI systems

- E11.4 The following model series shall be utilized unless otherwise indicated in the Specifications, Drawings or otherwise approved by the Contract Administrator:
- a) Quantum, M580, and M340 PLCs;
  - b) X80 PLC I/O;
  - c) Unity Pro programming software;
  - d) Vijeo Citect HMI systems;
  - e) Wonderware Historian;
  - f) Local HMI – GTO or GTU series;
  - g) Model 6 MCC – NEMA rated starters, Intelligent Ethernet (unless otherwise specified);
  - h) Altivar 61 series VFDs for variable torque applications; and
  - i) Altivar 71 series VFDs for variable torque applications.

E11.5 Commissioning and start-up:

- E11.5.1 Commissioning and start-up of all goods purchased under this standardization agreement shall be performed by the Contractor. Schneider is only obligated to provide MCC start-up services under the Standardization Agreement. Coordinate with Schneider as required to understand the limitations of Schneider's MCC start-up services and provide all remaining testing, commissioning and start-up services to provide a complete commissioning and start-up.

E11.6 Primary contact for all quotations and purchases:

Garth Eastman  
21 Omands Creek Blvd  
Winnipeg, MB, R2R 2V2  
Telephone: 204-631-0670  
E-mail: garth.eastman@ca.schneider-electric.com

E11.7 Quotations and orders:

- E11.7.1 Reference the following in all quotation requests and purchase orders:
- a) This Bid Opportunity number; and
  - b) The standardization agreement number 756-2013.

Add: E12.

**STANDARDIZED ELECTRIC VALVE ACTUATORS**

- E12.1 The City has standardized on a specific vendor for the supply and delivery of electric valve actuators. The Standardization Vendor was selected via RFP 331-2014 and was awarded to Rotork Control Canada Ltd. (Rotork).
- a) Copies of the tender documents are available from City of Winnipeg Material Management's website.
- E12.2 Goods to be procured via this standardization agreement include but are not limited to:

- a) Multi-turn electric valve actuators and quarter-turn electric valve actuators with approximate torque requirements of:
  - i. On/off torques > 250 Nm
  - ii. Modulating torques > 150 Nm
- b) Associated accessories are also included in the agreement.

E12.3 For clarity, this standardization agreement does not include:

- a) Solenoid valve actuators;
- b) Small HVAC damper actuators; and
- c) Electric valve actuators with a power supply < 120 VAC.

E12.4 The use of gearboxes shall not be utilized to reduce actuator torque requirements for the purpose of bypassing this standardization agreement.

E12.5 The following model series shall be utilized unless otherwise indicated in the Specifications, Drawings or otherwise approved by the Contract Administrator:

- a) IQ3 Range – (IQ, IQM, IQS, IQT, IQTM)

E12.6 Valve Integration Assistance

- E12.6.1 Coordinate with Rotork to review the integration of valves with the valve actuators. Comply with guidance provided by Rotork.
- E12.6.2 The review provided by Rotork shall be for the purpose of ascertaining conformance of the actuator application with the given valve. The responsibility for integration of the valve with the valve actuator shall remain with the Contractor.
- E12.6.3 Rotork will make all applicable actuator shop drawings and datasheets available to the Contractor to allow for integration of the valve with the valve actuator.
- E12.6.4 In the event that the valve cannot directly attach to a standard base available for the electric actuator, supply and installation of valve adaptors between the actuator base and the valve will be the responsibility of the Contractor.
- E12.6.5 Costs
  - a) Rotork is obligated to provide valve integration assistance services at no additional cost above the supply of the actuator.

E12.7 Valve Integration Services

- E12.7.1 The Contractor may engage Rotork to provide valve integration services in addition to that required in E12.6; however, this additional work would be outside of the Standardization Agreement.
  - a) The Contractor is encouraged to provide the best value for services provided.

E12.8 Field setup and commissioning:

- E12.8.1 Field setup and commissioning of the actuators will be performed by Rotork under the Standardization Agreement. Coordinate with Rotork as

required to understand the limitations of Rotork's field setup and commissioning services and provide all remaining services to provide a complete commissioning and start-up.

E12.9 Primary contact for all quotations and purchases:

Mr. Henry Zenteno  
#6, 820 - 28th Street North East Street  
Calgary, Alberta, T2A 6K1  
Telephone: 403-569-9455  
Mobile: 403-813-5850  
E-mail: Henry.Zenteno@rotork.com

E12.10 Quotations and orders:

E12.10.1 Reference the following in all quotation requests and purchase orders:

- a) This Bid Opportunity number; and
- b) The standardization agreement number 331-2014.

Add: E13.

### **STANDARDIZED GAS DETECTION SYSTEMS**

E13.1 The City has standardized on a specific vendor for the supply and delivery of gas detection systems. The Standardization Vendor was selected via RFP 123-2014 and was awarded to Mine Safety Appliances Company, LLC (MSA) c/o CB Engineering Ltd.

- a) Copies of the tender documents are available from City of Winnipeg Material Management's website.

E13.2 Goods to be procured via this standardization agreement include but are not limited to:

- a) Gas detection sensors;
- b) Gas detection transmitters;
- c) Gas detection controllers;
- d) Gas detection sensor consumables; and
- e) Associated accessories.

E13.3 The following model series shall be utilized unless otherwise indicated in the Specifications, Drawings or otherwise approved by the Contract Administrator:

- a) UltimaX gas detection systems.
- b) GasGard XL controllers.

E13.4 Field setup and commissioning:

E13.4.1 Field setup and commissioning of the gas detection systems may be performed by MSA under the Standardization Agreement. Coordinate with MSA as required to understand the capabilities and limitations of MSA's field setup and commissioning services and provide all remaining services to provide a complete commissioning and start-up.



E13.4.2 The Contractor may provide field setup and commissioning services for the gas detection system via alternate means, provided that this does not result in a reduction of the services or quality of work.

E13.5 Primary contact for all quotations and purchases:

Mr. Alan Thomson  
Account Manager  
5040 12A Street SE  
Calgary, AB  
T2G 5K9  
Telephone: 1-800-992-2364  
Mobile: 780-719-7551  
E-mail: athomson@cbeng.com

E13.6 Quotations and orders:

E13.6.1 Reference the following in all quotation requests and purchase orders:

- a) This Bid Opportunity number; and
- b) The standardization agreement number 123-2014.

Add: E14.

#### **STANDARDIZED INSTRUMENTATION**

E14.1 The City has standardized on a specific vendor for the supply and delivery of specific instrumentation. The Standardization Vendor was selected via RFP 449-2014 and was awarded to Trans-West Supply Company Inc. (Trans-West).

- a) Copies of the tender documents are available from City of Winnipeg Material Management's website.

E14.2 Goods to be procured via this standardization agreement include but are not limited to:

- a) Flowmeters – Electromagnetic;
- b) Flowmeters – Differential pressure based;
- c) Pressure Transmitters including manifold assemblies;
- d) Temperature Transmitters including temperature elements and thermowells;
- e) Ultrasonic Level Transmitters; and
- f) Associated accessories.

E14.3 For clarity, this standardization agreement does not include:

- a) Flowmeters - Coriolis;
- b) Flowmeters – Thermal Dispersion;
- c) Flowmeters – Ultrasonic;
- d) Flow switches (i.e. mechanical);
- e) Pressure switches;
- f) Temperature switches;

- g) Radar Level Transmitters; and
- h) Level Switches (non-ultrasonic based).

E14.4 The following model series shall be utilized unless otherwise indicated in the Specifications, Drawings or otherwise approved by the Contract Administrator:

- a) Magnetic Flowmeter Flowtubes – SITRANS F M MAG 5100W series.
  - i. SITRANS F M MAG 3100W series may be utilized where specified.
- b) Magnetic Flowmeter Transmitters - SITRANS F M MAG 6000 series.
- c) Pressure Transmitters - SITRANS P DS III.
- d) Temperature Transmitters
  - i. SITRANS TF (Process Applications)
  - ii. SITRANS TH400 (HVAC applications)
- e) Ultrasonic Level Transmitters
  - i. Integrated applications: SITRANS Probe LU
  - ii. Separate controller applications: Multiranger 100/200 with EchoMax transducers.

E14.5 Field setup and commissioning:

E14.5.1 Field setup and commissioning of the gas detection systems may be performed by Trans-West under the Standardization Agreement. Coordinate with Trans-West as required to understand the capabilities and limitations of Trans-West's field setup and commissioning services and provide all remaining services to provide a complete commissioning and start-up.

E14.5.2 The Contractor may provide field setup and commissioning services for the instrumentation via alternate means, provided that this does not result in a reduction of the services or quality of work.

E14.6 Primary contact for all quotations and purchases:

Greg Troilo  
President  
126 Bannister Road  
Winnipeg, MB, R3R 0S3  
Telephone: 807-623-0909  
E-mail: gregt@transwest-mb.com

E14.7 Quotations and orders:

E14.7.1 Reference the following in all quotation requests and purchase orders:

- a) This Bid Opportunity number; and
- b) The standardization agreement number 449-2014.

## **DRAWINGS**

Replace: 952-2015 \_Drawing 1-0101A-S0010-001-R3 with 952-2015 \_Addendum\_5\_Drawing\_1-0101A-S0010-001-R4