Winnipeg Sewage Treatment Program

Capital Development

Electrical and Instrumentation Standardization Summary

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1 Introduction

The City of Winnipeg has standardized on specific electrical and automation manufacturers. This document provides a summary of the standards.

It is intended that the manufacturer selected by the standardization process may be considered the standard for the City of Winnipeg wastewater treatment facilities. The goods to be purchased under the standardization contracts are intended to be utilized at the SEWPCC, NEWPCC, and WEWPCC facilities. However, the City of Winnipeg reserves the right to procure goods under the standardization contracts for other City of Winnipeg facilities, without initiating a separate Bid Opportunity process.

2 Control System and Motor Control Equipment

Associated RFP	756-2013
Award Date	2014-11-07
Contract Expires	2024-06-30
Contract Extensions	Optional four (4) five-year extensions, ultimately to 2039-06-30
Contract Administrator	Kurt Schimke CET 1199 Pacific Ave Winnipeg, MB, R3E 3S8 kschimke@winnipeg.ca tel. 204-986-5310
Vendor	**Schneider Electric Canada Inc.**
Primary Contact (Schneider)	Garth Eastman 21 Omands Creek Blvd Winnipeg, MB, R2R 2V2 204-631-0670 garth.eastman@ca.schneider-electric.com
Example Items included in the Standardization (The list is not comprehensive but provides a general indication of the scope)	Motor Control Centers (intelligent & standard) Loose motor starters Loose VFDs PLCs Pre-manufactured terminal assemblies designed to interconnect with the PLCs (Telefast blocks) Industrial HMI hardware HMI software systems Ethernet network switches for the control system
Example Items not under the Standardization	Electrical Transformers not in a MCC or motor starter Disconnect / Safety Switches not in a MCC or motor starter Panelboards not integrated in a MCC Switchboards / Switchgear not integrated in a MCC System Integration Services Control Panels to house PLCs Windows-based Computer Hardware Instrumentation Power supplies not integrated with the PLC / HMI systems Terminal blocks not integrated with the PLC / HMI systems
General Procurement Details	See Section 7

Distributor Contact	Eecol Electric Trevor Hambleton 1760 Wellington Avenue Winnipeg, MB, R3H 0E9 Telephone: 204-774-2800 E-mail: hambletont@eecol.com
Goods to be procured from Distributor (Other goods from Schneider)	• Programmable Controllers (PLCs) including all associated components, hardware and software • Programmable Controller Programming Software • HMI System software • Touchscreen HMI systems such as Magellis HMIs • Touchscreen HMI Programming Software • Motor Control Centers including all components • Loose VFDs, motor starters, soft starters, and associated components • Industrial Ethernet Switches
Goods to be procured directly from Schneider	• PLC to Infi90 Termination Unit migration cables • Process Simulator Software • Historian Server and Client Software • Version Management Software • Information Server Software • Annual update and support services • Training sessions • Field services

3 Electric Valve Actuators

Associated RFP	331-2014
Award Date	2015-01-27
Contract Expires	2024-09-30
Contract Extensions	Optional four (4) five-year extensions, ultimately to 2039-09-30
Contract Administrator	Kurt Schimke CET 1199 Pacific Ave Winnipeg, MB, R3E 3S8 kschimke@winnipeg.ca tel. 204-986-5310
Vendor	**Rotork Controls Canada Ltd.**
Contact	Mr. Henry Zenteno #6, 820 - 28th Street North East Street Calgary, Alberta, T2A 6K1 1-403-813-5850 Henry.Zenteno@rotork.com
Example Items included in the Standardization (The list is not comprehensive but provides a general indication of the scope)	Multi-turn electric valve actuators and quarter-turn electric valve actuators with an approximate torque requirement of On/off torques > 250 Nm Modulating torques > 150 Nm
Example Items not under the Standardization	Solenoid valve actuators Small HVAC damper actuators Electric valve actuators with a power supply < 120 VAC
Procurement Details	See Section 7

4 Gas Detection Systems

Associated RFP	123-2014
Award Date	2015-01-23
Contract Expires	2024-06-30
Contract Extensions	Optional four (4) five-year extensions, ultimately to 2039-06-30
Contract Administrator	Kurt Schimke CET 1199 Pacific Ave Winnipeg, MB, R3E 3S8 kschimke@winnipeg.ca tel. 204-986-5310
Vendor	**Tundra Process Solutions Ltd.**
Contact	Sheldon Bradley Senior Inside technical Sales 3200-118Ave S.E. Calgary, AB T2Z 3X1 Telephone: 1-800-265-1166 Mobile: 403-510-2011 E-mail: sbradley@tundrasolutions.ca
Example Items included in the Standardization (The list is not comprehensive but provides a general indication of the scope)	Gas detection sensors Gas detection transmitters Gas detection controllers Gas detection consumables
Example Items not under the Standardization	Analytic sensors for online process measurement
Procurement Details	See Section 7

5 Instrumentation

Associated RFP	449-2014
Award Date	2015-04-28
Contract Expires	2024-09-30
Contract Extensions	Optional four (4) five-year extensions, ultimately to 2039-09-30
Contract Administrator	Kurt Schimke CET 1199 Pacific Ave Winnipeg, MB, R3E 3S8 kschimke@winnipeg.ca tel. 204-986-5310
Vendor	**Trans-West Supply Company Inc.**
Contact	Amurthan Abimanan Branch Manager 126 Bannister Road Winnipeg, MB, R3R 0S3 Telephone: 204-783-0100 Mobile: 204-782-1864 E-mail: amu@transwest-mb.com
Example Items included in the Standardization (The list is not comprehensive but provides a general indication of the scope)	Flowmeters – electromagnetic Flowmeters – Differential pressure based Pressure Transmitters Temperature Transmitters Ultrasonic Level Transmitters
Example Items not under the Standardization	Flowmeters – ultrasonic, coriolis Flow switches Pressure switches Temperature switches Radar Level Transmitters Level Switches (non-ultrasonic based)
Procurement Details	See Section 7

6 Uninterruptible Power Supplies

Associated RFP	341-2013
Award Date	2014-02-10
Contract Expired	2015-08-31

This contract has expired. The WSTP does not currently have a standard for Uninterruptible Power Supplies.

7 General Procurement Details

The procurement details associated with all standardization initiatives in this document summarized below. For specific contract requirements, refer to the appropriate standardization RFP.

Procurement Format	Procurement of Goods under this Contract may be directly by the City, or indirectly via an Installation Contractor engaged by the City. ”Installation Contractor” means the person undertaking construction or implementation work under a separate contract with the City, who will utilize the pricing, terms, and conditions of this Contract to procure equipment for performing the work under the separate contract. The Installation Contractor may be a subcontractor to a contractor engaged by the City. The Vendor shall allow Installation Contractors to procure equipment on behalf of the City, based upon the pricing, technical specifications and delivery requirements of the corresponding contract.
Quotation	Upon request by the City or a potential Installation Contractor for installation work on behalf of the City, the Vendor shall provide an itemized quotation for the Goods, consistent with the terms of the contract.
Pricing	The Vendor is responsible for providing pricing to either the City or Installation Contractors, consistent to that provided in the contract with the City. The Installation Contractor may mark-up the associated goods, within the terms of their specific contract with the City. The vendor shall provide an equal quotation to all potential Installation Contractors
Payment	Payment to the Vendor is the responsibility of the party ordering the goods. Where an Installation Contractor purchases the goods, the Installation Contractor is responsible for payment.
Auditing	An auditing mechanism between the Vendor and the City of Winnipeg provides the means for the City to verify that the supply of goods and associated pricing is as per the contract.
Reference	In each quotation, purchase order, proposal, and invoice reference: • The specific Bid Opportunity the purchase is associated with. • A statement indicating: “This request / purchase order is subject to the Terms and Conditions of City of Winnipeg Request for Proposal RFP XXX-YYYY.” Where XXX-YYYY is the specific RFP number of the standardization contract.