

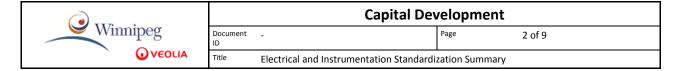
Winnipeg Sewage Treatment Program

Capital Development

Electrical and Instrumentation Standardization Summary

Document Number: Number of Pages: 9
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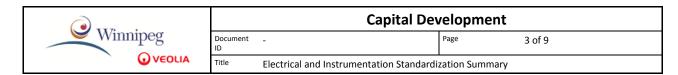
Date: 2016-12-02
Prepared By: Curtis Reimer
Checked By: J. Veilleux (R00)
Approved By: J. Veilleux (R00)



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 2019-06-30

Contract Extensions Optional four (4) five-year extensions, ultimately to 2039-06-30

Contract Administrator Brian Station, P.Eng.

1199 Pacific Ave

Winnipeg, MB, R3E 3S8 bstation@winnipeg.ca tel. 204-986-7642

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 Motor Control Centers (intelligent & standard)

the Standardization Loose motor starters

(The list is not Loose VFDs

comprehensive but provides PLCs

a general indication of the

scope)

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



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Distributor Contact

Eecol Electric
Trevor Hambleton
1760 Wellington Avenue
Winnipeg, MB, R3H 0E9
Telephone: 204-774-2800

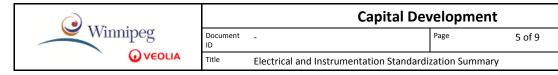
E-mail: hambletont@eecol.com

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 2019-09-30

Contract Extensions Optional four (4) five-year extensions, ultimately to 2039-09-30

Contract Administrator Brian Station, P.Eng.

1199 Pacific Ave

Winnipeg, MB, R3E 3S8 bstation@winnipeg.ca tel. 204-986-7642

Vendor Rotork Controls Canada Ltd.

Contact Mr. Henry Zenteno

#6, 820 - 28th Street North East Street

Multi-turn electric valve actuators and quarter-turn electric valve

actuators with an approximate torque requirement of

Calgary, Alberta, T2A 6K1

Solenoid valve actuators

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

Example Items not under

scope)

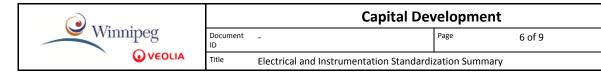
the Standardization Small HVAC damper actuators

Electric valve actuators with a power supply < 120 VAC

On/off torques > 250 Nm

Modulating torques > 150 Nm

Procurement Details See Section 7



4 Gas Detection Systems

Associated RFP 123-2014
Award Date 2015-01-23
Contract Expires 2019-06-30

Contract Extensions Optional four (4) five-year extensions, ultimately to 2039-06-30

Contract Administrator Brian Station, P.Eng.

1199 Pacific Ave

Winnipeg, MB, R3E 3S8 bstation@winnipeg.ca tel. 204-986-7642

Vendor Mine Safety Appliances Company, LLC

Contact Mr. David Quiring

Account Manager 5040 12A Street SE

Calgary, AB T2G 5K9

Telephone: 1-800-992-2364 Mobile: 306-716-9700

Gas detection sensors

E-mail: dquiring@cbeng.com

Example Items included in

the Standardization Gas detection transmitters
(The list is not Gas detection controllers
comprehensive but provides Gas detection consumables

a general indication of the

scope)

Example Items not under

the Standardization

Procurement Details See Section 7

A selection of the sele

Analytic sensors for online process measurement



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5 Instrumentation

Associated RFP 449-2014
Award Date 2015-04-28
Contract Expires 2019-09-30

Contract Extensions Optional four (4) five-year extensions, ultimately to 2039-09-30

Contract Administrator Brian Station, P.Eng.

1199 Pacific Ave

Winnipeg, MB, R3E 3S8 bstation@winnipeg.ca tel. 204-986-7642

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

Flowmeters – electromagnetic

E-mail: amu@transwest-mb.com

Example Items included in

the Standardization

Flowmeters – Differential pressure based

(The list is not Pressure Transmitters comprehensive but provides a general indication of the Ultrasonic Level Transmitters

scope)

Olliasonic Level Transmitters

Example Items not under

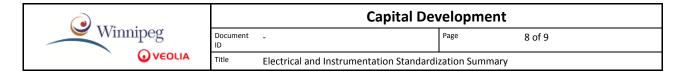
the Standardization

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.



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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.