

92-2022 ADDENDUM 01

NEWPCC DCS MIGRATION - FIBRE SUPPLY AND INSTALLATION

URGENT

PLEASE FORWARD THIS DOCUMENT TO WHOEVER IS IN POSSESSION OF THE BID/PROPOSAL

ISSUED: May 18, 2022 BY: Kurt Schimke TELEPHONE NO. 204 986-5310

THIS ADDENDUM SHALL BE INCORPORATED INTO THE BID/PROPOSAL AND SHALL FORM A PART OF THE CONTRACT DOCUMENTS

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid/Proposal, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 10 of Form A: Bid/Proposal may render your Bid/Proposal non-responsive.

PART B – BIDDING PROCEDURES

Revise: B2.1 to read: The Submission Deadline is 12:00 noon Winnipeg time, May 27, 2022.

APPENDICES

Add: Appendix A Electrical and Instrumentation Standardization Summary

Add: Appendix B Site Reference Drawings

NMS SPECIFICATIONS

Section 26 05 43 Underground Ducts And Raceways For Electrical Systems

Add: 1.1.6 Reference Drawings provided in Appendix B are to be used as reference only and shall

not be relied upon.

Section 40 95 53 Network Equipment

Add: 2.1.4 Provide reusable dust plugs for each communication port. Dust plugs shall be installed

prior to exposing the equipment to the field environment.

Add: 2.2.2 Provide reusable dust plugs for each communication port. Dust plugs shall be installed

prior to exposing the equipment to the field environment.

Add: 3.3 Protect network equipment from dust ingress until installed in final location. After installed

in final location, protect network equipment from dust ingress when exposed to dust or

contaminants due to construction activity.

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QUESTIONS AND ANSWERS

Q1: Indicate any areas of installation that may require confined space entry.

A1: The contractor is to evaluate the site and develop a Safe Work Plan if they deem an area to be a confined space.

APPENDIX A



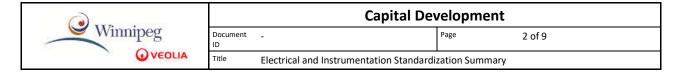
Winnipeg Sewage Treatment Program

Capital Development

Electrical and Instrumentation Standardization Summary

Document Number: Number of Pages: 9
Revision: **06**

Date: 2021-12-07
Prepared By: Kurt Schimke
Checked By: K. Schimke (R06)
Approved By: C. Javra (R06)



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.



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Title	Electrical and Instrumentation Standardi	zation Si	Summary

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

Motor Control Centers (intelligent & standard)

Example Items included in

the Standardization Loose motor starters

Loose VFDs

(The list is not

PLCs

comprehensive but provides a general indication of the

Pre-manufactured terminal assemblies designed to interconnect

scope)

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 Jon Buccini

1760 Wellington Avenue Winnipeg, MB, R3H 0E9

Telephone: 204-774-2800

E-mail: jon.buccini@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



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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 Jordan C. Mann

Industry Sector Manager for Water & Power – Canada

P: +1 (905) 363-0313 ext 11409

C: +1 (416) 802-6475

E: jordan.mann@rotork.com Rotork Controls (Canada) Ltd.

3-6705 Millcreek Drive, Mississauga, ON L5N 5M4

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



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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

Gas detection consumables

E-mail: sbradley@tundrasolutions.ca

Example Items included in Gas detection sensors the Standardization Gas detection transmitters (The list is not Gas detection controllers

comprehensive but provides

a general indication of the

scope)

Example Items not under

the Standardization

Analytic sensors for online process measurement

Procurement Details See Section 7



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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 Flowmeters – electromagnetic

the Standardization Flowmeters – Differential pressure based

(The list is not Pressure Transmitters

comprehensive but provides a general indication of the Ultrasonic Level Transmitters

scope)

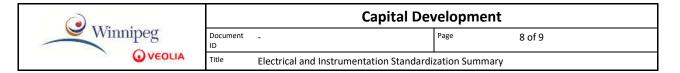
Example Items not under Flowmeters – ultrasonic, coriolis

the Standardization 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.

APPENDIX B