

Notice

Basic Information

Estimated Contract Value (CAD)	\$3,300,000.00 (Not shown to suppliers)
Reference Number	0000165555
Issuing Organization	The City of Winnipeg
Owner Organization	
Project Type	RFT - Request for Tender (Formal)
Project Number	1070-2019
Title	Electrical & HVAC Upgrades at McPhillips & Tache Pumping Stations
Source ID	PU.MU.MB.559625.C102498
Agreement Type	Canadian Free Trade Agreement (CFTA)
Agreement Type 2	New West Partnership Trade Agreement (NWPTA)

Details

Location	Manitoba, Canada
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Description

The Work to be done under the Contract shall consist generally of electrical and Heating, Ventilation and Air Conditioning (HVAC) upgrades at the McPhillips Regional Pumping Station and the Tache Booster Pumping Station.

D2.2 The major components of the work are as follows:

D2.2.1 McPhillips Regional Pumping Station:

1. supply and installation of multiple Motor Control Centres (MCCs) complete with all required systems and components;
2. upgrades of the HVAC and related control systems (including PLC programming);
3. supply and installation of a chiller system, heating coil, and refrigerant leak detection system.
4. supply and installation of electrical distribution equipment;
5. supply and installation of electrical grounding;
6. supply and installation of normal and emergency lighting;
7. supply and installation of a fire alarm system;
8. supply and installation of a carbon monoxide detection system;
9. supply and installation of a methane low explosive limit (LEL) detection system;
10. supply and installation of two new 500KVA 4160V/600V 3Ø transformers;
11. supply and installation of multiple motor starters;
12. supply and installation of a 100KW load bank for generator testing;
13. supply and installation of uninterruptible power supply;
14. supply and installation of instrumentation equipment;
15. transfer and reconnection of existing equipment to upgraded electrical equipment ;
16. upgrades to the existing automation system associated with the electrical equipment (including PLC programming);
17. provide configuration set points and programming that are site specific for each motor starters, soft starter, VFDs, instruments, intelligent MCCs starters, load bank and all other electrical systems;
18. provide motor starter settings;
19. motor starter control and programming;
20. provision of concrete pads, bollards, and fencing;
21. provision of asbestos abatement to accommodate the Work;
22. completion of minor structural repairs to accommodate the Work as required; and
23. demolition and removal of existing equipment to be replaced.
24. Refer to the drawing set and complete specification for additional details.

D2.2.2 Tache Booster Pumping Station:

1. provision of upgrades to the main electrical service including supply and installation of a Customer Service Termination Enclosure;
2. supply and installation of MCC complete with all required systems and components;
3. supply and installation of electrical distribution equipment;
4. supply and installation of electrical grounding;
5. supply and installation of normal and emergency lighting;
6. supply and installation of a fire alarm system;
7. provision of functional descriptions for all new process systems;
8. provision of automation upgrades.
9. supply and installation of instrumentation equipment;
10. transfer and reconnection of existing equipment to upgraded electrical equipment ;
11. provide configuration set points and programming that are site specific for each motor starters, soft starter, VFDs, instruments, intelligent MCCs starters, and all other electrical systems;
12. provide motor starter settings;

13. motor starter control and programming;
14. provision of concrete pads;
15. completion of minor structural repairs to accommodate the Work as required; and
16. demolition and removal of existing equipment to be replaced.
17. Refer to the drawing set and complete specification for additional details.

D2.3 The following shall apply to the Work:

1. City of Winnipeg Green Building Policy: New City-Owned Buildings and major additions;
<http://clkapps.winnipeg.ca/DMIS/DocExt/ViewDoc.asp?DocumentTypeId=2&DocId=5989>
2. Universal Design Policy;
<http://clkapps.winnipeg.ca/DMIS/DocExt/ViewDoc.asp?DocumentTypeId=2&DocId=3604>
3. City of Winnipeg Water and Waste Department WWD CAD/GIS Standards; <https://winnipeg.ca/waterandwaste/pdfs/dept/CAD-GIS-Specifications.pdf>
4. City of Winnipeg Water & Waste Department Identification Standard; and
5. City of Winnipeg Water & Waste Department Electrical Design Guide.

D2.4 The pre-bid estimate for this work \$3,222,078.00 (including MRST).

Dates

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Contact Information

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Bid Result Publication Revision

Publication Type Unofficial Results

NORTEC GROUP LTD

Organization Name NORTEC GROUP LTD
Bid Amount \$3,158,207.81
Address
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R2X 1R2 Canada

Trotter & Morton Building Technologies Inc.

Organization Name Trotter & Morton Building Technologies Inc.
Bid Amount \$3,497,402.62
Address
5711 - 1st Street S.E.
Calgary Alberta
T2H 1H9 Canada

McCaine Electric Ltd.

Organization Name McCaine Electric Ltd.
Bid Amount \$3,637,853.27
Address
106 Lowson Crescent
Winnipeg Manitoba
R3P 2H8 Canada

Exco Ventures Ltd.

Organization Name Exco Ventures Ltd.
Bid Amount \$3,239,604.28
Address
322 Keewatin Place
Winnipeg Manitoba
R2X 2R9 Canada

Abco Supply & Service Ltd.

Organization Name Abco Supply & Service Ltd.
Bid Amount \$3,459,985.30
Address
1346 Spruce Street
Winnipeg Manitoba
R3E 2V7 Canada

Organization Name ROBIN ELECTRIC COMPANY LTD
Bid Amount \$4,505,942.47
Address
2011 PLESSIS ROAD, UNIT 1
WINNIPEG Manitoba
R3W 1S4 Canada