

The Corporation of the City of Kawartha Lakes

Council Report

Report Number PUR2020-003

Meeting Date: January 28, 2020

Title: Single Source

Description: Purchase of Ultra Violet Disinfection System & Pumps for
Fenelon Falls Water Treatment Plant

Ward Number: Ward 3

Author and Title: Linda Lee, Buyer
Nafiur Rahman, Engineering and Assets

Recommendation(s):

That Report PUR2020-003, **Single Source – OCWA for the Purchase of Ultra Violet (UV) Disinfection System & Pumps for the Fenelon Falls Water Treatment Plant**, be received;

That Council authorize the single source purchase to Ontario Clean Water Agency (OCWA) for the UV disinfection system and pumps for the Fenelon Falls Water Treatment Plant for the total amount of \$283,094.63 not including HST;

That Financial Services Division be authorized to issue a purchase order.

Department Head:_____

Financial/Legal/HR/Other:_____

Chief Administrative Officer:_____

Background:

The disinfectant byproduct (Trihalomethanes (THM)) that formed from the current disinfection process at the Fenelon Falls Water Treatment Plant (WTP) often exceeds the Ministry of the Environment, Conservation and Parks, (MECP) maximum allowable concentration limit. In order to reduce the THM level, the MECP has approved the utilization of UV disinfection system as part of a multi-barrier disinfection approach. The existing low-lift pumps also reached the expected service life and need replacement. The proposed disinfection process upgrade is required in order to be in compliance with MECP drinking water quality standards.

Due to the long turnaround time for delivery of UV units and pumps, these items will be ordered in advance based on the quotes received by OCWA. The tender for the installation of this system along with other associated works such as process piping, electrical works, etc. is currently underway which will be administered by OCWA. Upon completion of the tender process a separate single source to OCWA will be requested to council to award the contract of the installation works.

OCWA being the operating authority for the Fenelon Falls WTP, they maintain the overall responsibility for operations within the plant.

Rationale:

Staff recommend that Council authorize the single source purchase to OCWA for the disinfection system and pumps for the Fenelon Falls WTP at a total cost of \$283,094.63 not including HST.

Other Alternatives Considered:

No other alternatives are being considered as the City's Purchasing Policy allows for a single source when there is no alternative or substitute that meets the specifications.

Financial/Operation Impacts:

Capital Project Number	Project Budget	Other Committed Funds	Capital Project Balance	Purchase Amount (including HST payable)	Contingency 10%	Total Amount	Project Balance
998190104	\$1,443,000	\$754,572	\$688,428	\$283,095	\$28,310	\$311,405	\$377,023

*Other committed funds include internal staff time / wages and previously awarded contracts.

Upon completion of the work, any remaining surplus or deficit will be dealt with through a capital close report presented to Council by the Treasury Department in accordance with the Capital Close Policy.

Relationship of Recommendation(s) To The 2016-2019 Strategic Plan:

This project relates to Goal 3 by ensuring water treatment plant operations continue to operate effectively.

- Goal 3 – A Healthy Environment

Link to Strategic Plan

<https://documents.city.kawarthalakes.on.ca/sites/CorpDocs/Plans/2016%20Strategic%20Plan%20City%20of%20Kawartha%20Lakes.pdf>

Consultations:

Junior Accountant

Department Head E-Mail: jrojas@kawarthalakes.ca

Department Head: Juan Rojas, Director of Engineering and Corporate Assets