

The Corporation of the City of Kawartha Lakes

Council Report

Report Number PUR2020-011

Meeting Date: March 24, 2020

Title: Installation of Equipment for Fenelon Falls Water Treatment Plant

Description: Installation of the UV Disinfection System and 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 PUR2020-011, **Installation of UV Disinfection System and Pumps for the Fenelon Falls Water Treatment Plant**, be received;

That Council authorizes the expenditure of \$419,244.84 not including HST for the installation of the UV Disinfection System & Pumps at the Fenelon Falls Water Treatment Plant;

That the Procurement Division be authorized to issue a purchase order.

Department Head:_____

Financial/Legal/HR/Other:_____

Chief Administrative Officer:_____

Background:

The current disinfection process at the Fenelon Falls Water Treatment Plant (WTP) often exceeds the Ministry of the Environment, Conservation and Parks (MECP) compliance limit of disinfection by-products (specially Trihalomethanes (THM)). In order to be in compliance with MECP, a multi-barrier disinfection process with utilizing Ultra Violet (UV) and Chloramination has been designed and also approved by MECP. Along with the disinfection process upgrades, the existing low-lift pumps will also be replaced as they reached their service life.

At the Council Meeting of January 28, 2020, Council authorized the single source purchase to OCWA for the UV Disinfection System and Pumps for the Fenelon Falls WTP upgrades. OCWA has received three (3) quotes for the installation of equipment previously authorized for purchase along with other associated upgrades.

As OCWA is the operating authority for the Fenelon Falls WTP and maintains the overall responsibility for operations within the plant, they are required to be on site to oversee this project.

Rationale:

Staff recommend that Council authorize the expenditure of \$419,244.84 not including HST for the installation of the UV Disinfection System & Pumps at the Fenelon Falls Water Treatment Plant.

Other Alternatives Considered:

No other alternatives are being considered as OCWA holds the contract for operations at the Fenelon Falls WTP and has obtained 3 quotes in accordance with the City's Purchasing Policy.

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	Project Balance
998190104	\$1,443,000	\$754,761	\$688,239	\$411,994	\$41,199	\$7,977	\$461,170	\$227,069

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

Any remaining surplus or deficit will be dealt with through the 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 and efficiently.

Goal 3 – A Healthy Environment

Consultations:

Junior Accountant

Department Head E-Mail: jrojas@kawarthalakes.ca

Department Head: Juan Rojas