

The Corporation of the City of Kawartha Lakes

Council Report

Report Number PUR2017-040

Date: June 27, 2017
Time: 2:00 p.m.
Place: Council Chambers

Ward Community Identifier: Ward 10

Subject: 2017-70-SS Contract Administration and Inspection Services
for Rivera Park Sewage Pumping Station Construction

Author Name and Title: Launa Lewis, Buyer **Signature:**

Co Author: Nafiur Rahman **Signature:**
Senior Engineering Tech.

Recommendation(s):

RESOLVED THAT Report PUR2017-040, **Contract Administration and Inspection Services for Rivera Park Sewage Pumping Station Construction**, be received;

THAT DM Wills Associates Limited of Peterborough be awarded for the Contract Administration and Inspection Services for Rivera Park Sewage Pumping Station Construction, for the quoted price of \$539,570.00 plus \$70,144.10 HST for a total quoted amount of \$609,714.00.

THAT subject to receipt of the required documents, the Mayor and Clerk be authorized to execute the agreements to award the contract to DM Wills; and

THAT the Purchasing Division be authorized to issue a Purchase Order.

Department Head:_____

Financial/Legal/HR/Other:_____

Chief Administrative Officer:_____

Background:

The existing Colborne Street Sewage Pumping Station (SPS) is one of the main sewage pumping stations in the Lindsay wastewater collection system. Capacity constraints at this station have led to numerous sewage overflows (bypasses) to the Scugog River under severe wet weather conditions and in-turn restrictions on development in the sanitary drainage areas serviced by the station.

In order to address the identified capacity constraints and deficiencies associated with the Colborne Street SPS, a Schedule B Municipal Class Environmental Assessment (EA) study was undertaken in December 2014. The preferred solution identified through the Class EA process was to decommission the existing SPS and construct a new SPS on the east side of the Scugog River to accommodate future projected peak flows.

At the Council Meeting on March 22, 2016, Council adopted the following resolutions:

“RESOLVED THAT the presentation by Mike Lord of D.M. Wills Associates Limited regarding Colborne Street (Lindsay) Sewage Pumping Station Capacity Upgrades Environmental Assessment Completion, Report ENG2016-012, Item 10.3.1 on the Agenda, be received;

CARRIED CR2016-215

RESOLVED THAT Report ENG2016-012, Colborne Street (Lindsay) Sewage Pumping Station (SPS) Capacity Upgrades EA Completion, be received;

THAT Council support the preferred solution to replace the existing SPS with a new SPS on the east side of the Scugog River; and

THAT staff be authorized to file the EA report for the legislated 30 day comment period.”

CARRIED CR2016-226

Following the Council endorsement, the EA process was completed and city proceeded with detailed design and tender preparation for the construction of this project and hired DM Wills Associates through Single Source. The following was the council resolution:

RESOLVED THAT Report ENG2016-021, Detailed Design and Contract Preparation for Colborne Street (Lindsay) SPS Upgrades, be received;

THAT DM Wills Associates Limited of Peterborough be awarded for the Detailed Design and Contract Preparation for Colborne Street (Lindsay) SPS Upgrades,

for the quoted price of \$355,600.00, plus \$46,228.00 HST, for a total quoted amount of \$401,828.00;

THAT subject to receipt of the required documents, the Mayor and Clerk be authorized to execute the agreements to award the contract to DM Wills Associates Limited; and

THAT the Purchasing Division be authorized to issue purchase orders.

CARRIED CR2016-534

The design of the proposed pumping station is now complete and the tender has recently been issued and will close on June 22, 2017. Now the City intends to proceed with the construction following the award of tender anticipated in the middle of July, 2017.

Rationale:

Since DM Wills was involved throughout the whole process from the beginning and undertook EA study, detailed design and tender preparation, they are very much familiar with the project details and the site. Given the size and complexity of this project, it may require providing some clarification and adjustment on the final design during construction. So, it would be beneficial for the city to minimize risk and additional costs should DM Wills be engaged further to manage the entire construction of the proposed pumping station. Therefore, staff requested DM Wills to provide a fee proposal to undertake contract administration and inspection of the proposed construction.

Staff recommends that DM Wills Associates Limited of Peterborough be awarded for the Contract Administration and Inspection Services for Rivera Park Sewage Pumping Station Construction, for the quoted price of \$539,570.00 plus \$70,144.10 HST for a total quoted amount of \$609,714.00.

Table: Procurement Summary of Project Stages

The following table is a summary showing how DM Wills was involved throughout the whole process from the EA study, design, tendering and so CA & Inspection

Project Scope	Year of Award	Consulting Firm	Amount	Procurement Type	Comments
EA	Dec. 2014	DM Wills	\$47.50K	RFP 2014-91-CP	PAR 2014-029
Natural & Built Heritage	Sep. 2015	DM Wills	\$11.25K	Change Order	N/A
Geotechnical & Hydrogeology	Oct. 2015	GHD via DM Wills	\$67.63K	Change Order	N/A
Archeology & Topo Survey	Nov. 2015	DM Wills	\$12.55K	Change Order	N/A
Design	Jun. 2016	DM Wills	\$355.6K	Single Source	ENG 2016-021
CA & Inspection	Jun. 2017	DM Wills	\$539.6K	Single Source	PUR2017-040

Other Alternatives Considered:

The other alternative would be to issue RFP in an open process. However, the whole RFP process from advertising to award the contract would delay starting the construction work.

Therefore, staff recommends awarding the contract administration and inspection contract to DM Wills based on the fact that their fee proposal is reasonable (about 6% of the estimated construction price and the proposed unit rate of consulting fees are in line with the fees submitted during the RFP process of EA study) and there is sufficient budget.

Financial Considerations:

In order to undertake the design and construction of the proposed upgrades of Colborne Street Sewage Pumping Station (SPS) in Lindsay, capital project WW1517 with a budget of \$11,000,000 was originally approved by council as a multi-year project.

Capital funding of \$5,675,000 had been approved by council through the 2015 and 2016 budget process under the project code WW1517. In the 2017 budget, instead of keeping the project as a multi-year project, capital funding of

\$5,325,000 was approved to a new project number WW1705 (998170502). For convenience, staff recommends to have the new project merged with the old one.

This total budget is broken down as follows:

2015 Budget -	\$ 350,000
2016 Budget -	<u>\$ 5,325,000</u>
2017 Budget -	<u>\$ 5,325,000</u>
Total Budget =	\$11,000,000

Capital Project Number	Capital Project Budget	Other Committed Funds (see below)	Capital Project Balance	CA & Inspection Proposal Amount (incl. HST)	HST Rebate	Project Contingency	Total Proposal Cost	Capital Project Balance
WW1517 998151701	\$5,675,000	\$392,550	\$5,282,450	\$609,714	(\$68,532)	\$25,000	\$566,182	\$4,716,268
WW1705 998170502	\$5,325,000	\$0	\$5,325,000	-	-	-	-	\$5,325,000
TOTAL	\$11,000,000	\$392,550	\$10,607,450	\$609,714	(\$68,532)	\$25,000	\$566,182	\$10,041,268

Other committed funds include costs that were incurred for the field investigation, design and staff time, which break down as follows:

- Filed investigation	\$ 9,875
- Design	\$ 355,600
- Staff time	<u>\$ 27,075</u>
Total Committed funds	\$ 392,550

The large funding surplus identified in the above table is proposed to be utilized for construction following the award of the tender anticipated in July, 2017.

Water and wastewater capital projects do not close with a surplus, only the amount required is debentured based on costs incurred; therefore this project will close with a zero balance in the quarterly close report provided by the Treasury Department.

Relationship of Recommendation(s) to the 2016-2019 Strategic Plan:

This report is focused on establishing infrastructure requirements to meet current and future growth requirements in a central region of Lindsay. The report aligns with the Corporate Strategic Priority which has goals of "A Vibrant and Growing Economy", "An Exceptional Quality of Life", and "A Healthy Environment".

This Wastewater Capital Project directly aligns with the strategic goal by:

- Enabling efficient infrastructure and asset management;
- Preventing / eliminating future discharge to the river (Scugog);
- Support development by providing Sanitary Capacity;
- Priority Action- Protect and Enhance Water Quality;
- Update and execute Municipal Master Plans by implementing improvements to wastewater infrastructures.

Servicing Comments:

The recommendations associated with this report will facilitate the comprehensive identification of necessary infrastructure improvements and focus on moving forward with an action plan to implement the required upgrades to service the current and future development within Colborne St SPS drainage area.

Consultations:

Nicole Owens, General Clerk

Attachment(s):

N/A

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

Department File: 2017-72-SS