



The Corporation of the Town of LaSalle

Date	May 2, 2018	Report No:	2W-18-18
Directed To:	Mayor and Members of Council	Attachments	~ Stantec Report on Tenders
Department:	Public Works	Policy References:	
Prepared By:	Lena Petros C.E.T. – Manager of Water/Wastewater		
Subject:	Pump Station 1 Course Bar Screen Upgrade and Roof Replacement Contract Award		

RECOMMENDATION:

That Council award the Pump Station 1 Course Bar Screen Upgrade and Roof Replacement tender to BGL Contractors Corp. for the total tender price of \$1,006,350.00 (plus taxes)

REPORT:

Administration went out for tender for Course Bar Screen Upgrade and Roof replacement for Sewage Pumping Station No. 1. Enclosed is a recommendation report from Stantec Consulting Ltd. regarding the results of the tenders submitted. This project is part of Clean Water/Wastewater Funding Program

BGL Contractors Corp. submitted the low price in the amount of \$1,006,350.00 (plus taxes). This price is within budget.

It is recommended that Council award this tender to BGL Contractors Corp.

Respectfully submitted,

Lena Petros, CET.
Manager of Water and Wastewater

Reviewed by:							
CAO	Treasury	Clerks	Public Works	Planning	Cult. & Rec.	Building	Fire



Stantec Consulting Ltd.
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May 2, 2018
File: 165620126

Attention: Ms. Lena Petros, C.E.T. - Manager of Water and Wastewater

Town of LaSalle
5950 Malden Road
LaSalle, Ontario N9H 1S4

Dear Lena,

Reference: Town of Lasalle

**Tender No. PW-2018-05 - Coarse Bar Screen Upgrade and Roof Replacement
Sewage Pumping Station No.1
Report on Tenders**

The following is our report on tenders received for Tender No. PW-2018-05 - Sewage Pumping Station No.1, Coarse Bar Screen Upgrade and Roof Replacement Project.

1.0 INTRODUCTION

LaSalle's sanitary sewer collection system covers the Town's urban center and terminates at the LaSalle Main Pumping Station No.1 (PS1) located on Milford Avenue at Turkey Creek. The main pumping station pumps and discharges wastewater to the Lou Romano Water Reclamation Plant (LRWRP) in the City of Windsor via forcemain along Ojibway Parkway.

PS1 is fitted with two (2) manually cleaned coarse bar screens in an inlet channel leading to the pump well. These screens remove solids, rags and debris from the incoming wastewater flow to prevent clogging and subsequent damage to the downstream pumps and piping. Operations and maintenance staff have needed to contend with the issue of manually cleaning the bar screens much more frequently than anticipated resulting in substantially increased maintenance costs. Hence, there is a serious need to upgrade the existing screens to achieve an improved level of operational efficiency.

Further to the screening upgrades, PS1 requires building envelope repairs including roofing membrane replacement and minor architectural and structural repairs identified in a condition assessment carried out in 2016.

Stantec prepared the tender documents for Sewage Pumping Station No.1 coarse bar screen upgrade and roof replacement. The documents included Information to Bidders, Form of Tender, a Bid Bond, Agreement to Bond and Delivery and Supply Bond, General Terms and Conditions, Technical Specifications and Drawings.

2.0 TENDERS

Tenders were advertised in the Daily Commercial News on April 3, 2018. Detailed Tender Advertisement were displayed at the Town's website. A total of three (3) addenda were issued during the tender period to clarify items in the Tender documents and answer questions by prospective Tenderers.



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Ms. Lena Petros, C.E.T. - Manager of Water and Wastewater

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Reference: Town of Lasalle

Tender No. PW-2018-05 - Coarse Bar Screen Upgrade and Roof Replacement

Sewage Pumping Station No.1

Report on Tenders

Tenders were received until 11:30 am (Eastern Time) on Tuesday, April 24, 2018 and publicly opened at 11:45 am the same day at Town Hall. A total of two (2) tenders were received. The Town also confirmed each bid was accompanied a Bid Bond in the amount of 10% of the Total Tender Price (including HST). The original tenders were then passed on to the Consulting Engineer for review while the Town retained the original bid bonds.

The following **Table 1** summarizes the Tenders received with the corrected tender prices. These total tender prices include costs for provisional items and contingency allowance but exclude HST.

Table 1 – Summary of Total Tender Prices

Rank	Bidder	Total Tender Price	Completion Date
1.	BGL Contractors Corp.	\$ 1,006,350.00	March 31, 2019
2.	Vince Ferro Construction Ltd.	\$ 1,170,412.00	October 2018 (26 weeks)

Specific details of each quotation including the technical data that was evaluated are tabulated in the Tender Summary Sheet in the Appendix.

3.0 EVALUATION OF TENDERS

A detailed evaluation was completed to verify whether the tenders submitted complied with the requirements of the tender documents.

The following provides a summary of the detailed evaluation of the lowest tender submitted by BGL Contractors Corp.

The tender price submitted by BGL Contractors Corp. in the amount of \$1,006,350.00 is the lowest of the two (2) tenders received and \$164,062 (~16%) lower than the second tender submitted by Vince Ferro Construction Ltd.

The lowest tendered price of \$1,006,350.00 from BGL Contractors Corp. was approximately \$82,750 (~8%) below the Engineer's estimate of \$1,089,100.00.

BGL Contractors Corp. is a well-established general contractor having completed numerous municipal water and wastewater projects throughout southwestern Ontario of which this office was the Consulting Engineer on some of those projects and are considered an experienced and qualified heavy civil general contractor.

We have reviewed BGL's electrical subcontractor (Selectra) and roofing subcontractor (Horizon), who familiar to us, and we are satisfied they have the experience and equipment to satisfactorily complete their work on this project.



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Ms. Lena Petros, C.E.T. - Manager of Water and Wastewater

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**Reference: Town of LaSalle
Tender No. PW-2018-05 - Coarse Bar Screen Upgrade and Roof Replacement
Sewage Pumping Station No.1
Report on Tenders**

Based on BGL's past experience and track record, we are satisfied they are adequately experienced and capable of completing the proposed works satisfactorily.

4.0 DISCUSSION

The Pumping Station No.1, Coarse Bar Screen Upgrade and Roof Replacement Project generated a fairly high degree of interest as illustrated by the number of documents issued and inquiries received as well as the number of contractors who attended the mandatory site visit during the tender period.

However, in our view the two tenders received was a disappointing response to the Tender call from the construction industry overall. Verbal reports from Tenderers who took out documents but did not bid cited a skilled labour shortage existed within the local Union halls which would prevent them from successfully completing the project on time.

Based on the prices tendered, it is our opinion that Tender was carried out in a competitive bidding environment. The difference in price between the two tenders was approximately 16%. The lowest tendered price of \$1,006,350.00 from BGL Contractors Corp. was approximately \$82,750 (8%) below the Engineer's estimate of \$1,089,100.00.

5.0 APPROVALS

The main objective of this project is to improve the operational efficiency by replacing existing coarse bar screen with automated coarse bar screen equipment. If an Environmental Compliance Approval (ECA) includes a term or condition of Limited Operational Flexibility, it would allow the Town to implement this type of improvements without having to obtain an amendment to the approval.

However, it doesn't appear that Limited Operational Flexibility is specified in the current ECA for the Sewage Pumping Station No.1. We recommend the Town contact the Ministry of Environment and Climate Change (MOECC) for the amendment of the current ECA to include Limited Operational Flexibility. Limited Operational Flexibility allows Town of LaSalle to plan and make changes to the facility in a timely manner, reducing delays that would occur if you had to obtain a new or amended ECA.

We are not aware of any other regulatory approvals that are required to proceed with construction of the subject works.

6.0 RECOMMENDATION

On the basis of the tenders received and the foregoing report, we recommend the Town of LaSalle award Tender No. PW-2018-05 to BGL Contractors Corp. for the total tender price of \$1,006,350.00 not including HST with a completion date of March 31, 2019.



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Sewage Pumping Station No.1
Report on Tenders**

Since construction cannot start until approvals are received from the Ministry of Environment and Climate Change, we recommend the Town make the award of tender conditional upon receiving these approvals if required.

Should you have any questions, please contact the undersigned.

Sincerely,

STANTEC CONSULTING LTD.

Jian Li, Ph.D., P. Eng.

Project Manager

Phone: (519) 966-2250

jian.li@stantec.com

Attachment: Tender Summary Sheet

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Town of LaSalle

Tender No. PW-2018-05 Coarse Bar Screen Upgrade and Roof Replacement

TENDER SUMMARY
SCHEDULE OF ITEMS AND PRICES



Item No.	Description	Unit	Stantec Probable Cost	BGL Contractors Corp.		Vince Ferro Construction	
				Tender Price in Form of Tender	Corrected Tender Price	Tender Price in Form of Tender	Corrected Tender Price
1	Mobilization and demobilization at the jobsite of conveniences and other items not required to form part of the permanent works and not covered by other items of the Schedule of Items and Prices. (Refer to Section 42 in IT's).	I.s.	\$75,000.00	\$10,000.00		\$6,000.00	\$6,000.00
2	Upgrades of coarse bar screen at the LaSalle Pumping Station No. 1 including all general trades work, structural work, mechanical work, electrical work, instrumentation & control work, appurtenances, demolition, and full restoration, etc. all as shown on the drawings and complete as specified.	I.s.	\$650,000.00	\$572,000.00		\$600,000.00	\$600,000.00
3	Installation of dual leaf slide gate at the LaSalle Pumping Station No. 1 including all general trades work, structural work, mechanical work, electrical work, instrumentation & control work, appurtenances, demolition, and full restoration, etc. all as shown on the drawings and complete as specified.	I.s.	\$90,000.00	\$87,500.00		\$100,000.00	\$100,000.00
4	Replacement and installation of two (2) hand slide gates at the LaSalle Pumping Station No. 1 including all general trades work, structural work, mechanical work, electrical work, instrumentation & control work, appurtenances, demolition, and full restoration, etc. all as shown on the drawings and complete as specified.	I.s.	\$70,000.00	\$41,700.00		\$100,000.00	\$100,000.00
5	* Complete repairs at Pumping Station No. 1 as directed by the Engineer:						
	A. Complete roofing system replacement including insulation, flashing, roof drains, precast pavers, etc.	I.s.	\$95,000.00	\$93,500.00		\$80,000.00	\$80,000.00
	B. Remove and replace face brick	30 each	\$1,500.00	\$3,300.00		\$3,000.00	\$3,000.00
	C. Prepare and paint ceiling in areas as shown on the contract drawings	70m	\$1,400.00	\$15,400.00		\$15,960.00	\$15,960.00
	D. Remove and replace existing wall siding and insulation as shown on the contract drawings	24m2	\$7,200.00	\$4,800.00		\$7,008.00	\$7,008.00
6	Cost of 100% Performance Bond as specified using forms bound herein.	I.s.	\$5,000.00	\$12,000.00		\$9,000.00	\$9,000.00
7	Cost of 100% Labour and Material Payment Bond as specified using forms bound herein.	I.s.	\$5,000.00	\$5,000.00		\$9,000.00	\$9,000.00
8	Cost of comprehensive general liability insurance and all other insurance as specified. (Refer to Section 12 in IT's)	I.s.	\$10,000.00	\$8,000.00		\$5,000.00	\$5,000.00
9	Lump sum to cover all other requirements of the contract not specifically covered by or related to preceding items hereof. (Refer to Clause 15 in SIT's)	I.s.	\$50,000.00	\$124,000.00		\$204,824.00	\$204,824.00
10	* Contingency Allowance (Derived from the Schedule of Additional Unit Prices).	Prov.Sum	\$29,000.00	\$29,150.00		\$30,620.00	\$30,620.00
	TOTAL TENDER PRICE (Including Cash & Contingency Allowances, excluding HST)		\$1,089,100.00	\$1,006,350.00		\$1,170,430.00	\$1,170,412.00

* Items marked with an asterisk denote Provisional Items, Cash Allowances, Contingency Allowances and Alternative Prices.

Town of LaSalle
Tender No. PW-2018-05 Coarse Bar Screen upgrade and Roof Replacement



SCHEDULE OF ADDITIONAL UNIT PRICES AND CONTINGENCY ALLOWANCE

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	STANTEC PROBABLE COST		BGL Contractors Corp.			Vince Ferro Construction Ltd.		
				UNIT PRICE	AMOUNT (\$)	UNIT PRICE	AMOUNT (\$)	CORRECTED AMOUNT (\$)	UNIT PRICE	AMOUNT IN FORM OF TENDER (\$)	CORRECTED AMOUNT (\$)
1.	Additional labour ordered on a time and material basis including all costs for lodging, travel, subsistence, supervision, overhead and profit.										
	(a) Superintendent	10	hr.	\$100	1,000.00	\$100.00	1,000.00		\$125.00	1,250.00	1,250.00
	(b) Foreman	10	hr.	\$90	900.00	\$95.00	950.00		\$100.00	1,000.00	1,000.00
	(c) General Labour	30	hr.	\$80	2,400.00	\$75.00	2,250.00		\$90.00	2,700.00	2,700.00
	(d) Operator	10	hr.	\$80	800.00	\$100.00	1,000.00		\$125.00	1,250.00	1,250.00
	(e) Mechanical	15	hr.	\$90	1,350.00	\$90.00	1,350.00		\$110.00	1,650.00	1,650.00
	(f) Electrical	10	hr.	\$100	1,000.00	\$100.00	1,000.00		\$110.00	\$1,110.00	1,100.00
	(g) Instrumentation & Controls	10	hr.	\$100	1,000.00	\$100.00	1,000.00		\$110.00	\$1,110.00	1,100.00
	(h) System Integration	5	hr.	\$110	550.00	\$120.00	600.00		\$110.00	\$550.00	550.00
4	Engineers allowance for any other items.	1	l.s.		20,000.00		20,000.00			\$20,000.00	\$20,000.00
	Total Contingency Allowance (Items 1 to 7)				29,000.00		29,150.00			30,620.00	30,600.00