

STAFF REPORT

THE CORPORATION OF THE TOWN OF COBOURG



Report to:	Mayor and Council Members	Priority:	<input checked="" type="checkbox"/> High <input type="checkbox"/> Low
Submitted by:	Bill Peeples, Manager Environmental Services, Public Works Division bpeeples@cobourg.ca	Meeting Type: Open Session <input checked="" type="checkbox"/> Closed Session <input type="checkbox"/>	
Meeting Date:	April 19, 2021		
Report No.:	Public Works-031-21		
Submit comments to Council			

Subject/Title: Scum Trough Sanitary Sewer – Plant 1

RECOMMENDATION:

THAT Council approve the bid submitted by Behan Construction in the amount of \$196,970.67 including non-refundable HST to complete the construction of the Scum Trough sanitary sewer line at Water Pollution Control Plant #1.

1. STRATEGIC PLAN

N/A

2. PUBLIC ENGAGEMENT

N/A

3. PURPOSE

To remove waste material from the Plant #1 Scum Trough and Tertiary Filter and divert it to the Plant Headworks where it can be removed from the process.

4. ORIGIN AND LEGISLATION

Environmental Services 2019 and 2020 Capital Budgets

5. BACKGROUND

The waste solids removed by the Tertiary Filter is currently trapped within the process with no means of removal. Waste removed by the cloth filters is discharged to the Aeration Tanks, where it simply recirculates back to the Tertiary Filters.

The floating debris in the Contact Chamber has to be removed manually with a pool skimmer and carried to the headworks in a wheelbarrow. This process is slow, inefficient and extremely labour intensive.

6. ANALYSIS

To efficiently remove process waste from the Tertiary Filters and minimize the labour associated with manual skimming of the Contact Chamber, an automated waste removal system has been designed for Plant #1.

In 2018, \$75,000 was budgeted to design and install an automated Scum Trough and sewer line to transport scum from the Contact Chamber to the Headworks where it could be properly removed from the treatment process. This tender only received a single bid and it was well in excess of budget. The Scum Trough was subsequently purchased separately and installed while the sanitary sewer design was modified to find cost savings. In 2020, an additional \$200,000 was budgeted to tender the revised sewer design.

7. FINANCIAL IMPLICATIONS/BUDGET IMPACTS

The tender package was posted on Biddingo and advertised on the Town website. The original tender opening date of March 9, 2021 once again yielded just a single bidder. In accordance with Section 14.1 of the Town's Purchasing By-Law (016-2012) the closing date was extended by an additional two (2) weeks and upon the second closing on March 23, 2021 a total of three (3) bids were received as follows:

Contractor	Bid	Contingency	Total + Non-Refundable HST
Behan	\$178,564	\$15,000	\$196,971
Spand	\$182,500	\$15,000	\$200,976
Vanegmond	\$213,250	\$15,000	\$232,267

All bids were deemed to be complete and in proper form however Behan and Spand attended a mandatory site meeting and Vanegmond did not. Behan Construction's bid of \$196,971 was the lowest price received.

The total approved project budget is \$275,000 of which \$71,300 has been spent to date on engineering design as well as the purchase and installation of the scum trough. The remaining budget of \$203,700 is sufficient to cover the construction costs for the sanitary sewer line in the amount of \$196,971 as well as \$6,729 for engineering oversight and certification as required.

8. CONCLUSION

The lowest bid received from Behan Construction was also under budget and therefore it is recommended that Behan Construction be awarded the contract for this project.

Report Approval Details

Document Title:	Scum Trough Sanitary Sewer Line (Plant 1) - Public Works-031-21.docx
Attachments:	
Final Approval Date:	Apr 15, 2021

This report and all of its attachments were approved and signed as outlined below:

No Signature found

Laurie Wills, Director of Public Works - Apr 12, 2021 - 11:48 AM

Tracey Vaughan, Chief Administrative Officer - Apr 15, 2021 - 11:00 AM