



City of  
**Peterborough**

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**To:** **Members of the Committee of the Whole**

**From:** **W.H. Jackson, Director of Utility Services**

**Meeting Date:** **September 5, 2017**

**Subject:** **Report USEP17-005  
Award of RFP P-20-17 for the Supply and Delivery of a new  
Sludge Collection System.**

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## **Purpose**

A report to award RFP P-20-17 for the supply and purchase of sludge collection equipment for the Wastewater Treatment Plant (WWTP).

## **Recommendation**

That Council approve the recommendation outlined in Report USEP17-005 dated September 5, 2017, of the Director of Utility Services, as follows:

That RFP P-20-17 for the Supply and Delivery of new Sludge Collection systems for the Wastewater Treatment Plant be awarded to ENV Treatment Systems Inc. 70 High St, Etobicoke, ON M8Y 3N9 at a cost of \$967,700.00 plus HST of \$125,801.00 for a total cost of \$1,093,501.00;

## Budget and Financial Implications

The total costs (net of HST rebate) for the sludge collection systems are shown in Table 1.

**Table 1: Pricing for Sludge and Scum Collection System for Primary and Secondary Clarifiers.**

Line	Description of Work	Price
1	Mechanisms for sludge and scum removal	\$946,640.00
2	Crating, shipping, and insurances CIF to plant site in Peterborough, Ontario	\$ 11,900.00
3	Three site visits to 1) verify delivery, 2) validate installation, and 3) support start-up of system	\$ 9,160.00
4	Sub-Total - excluding HST	\$967,700.00
5	HST	\$ 17,031.52
6	<b>TOTAL - (Net of HST Rebate)</b>	<b>\$984,731.52</b>

The total \$984,731.52 requirement net of the HST rebate for the Supply and Delivery of a new Sludge Collection system can be accommodated with the approved \$5,356,300.00 allocation within the 2017 Capital Budget Project 5-9.01.

## Background

### Brief Description of the Work

This project will result in the purchase and delivery of multiple required Sludge Collection systems for the Primary and Secondary Clarifier Treatment tanks at the WWTP.

The WWTP has eight Primary Clarifiers and four Secondary Clarifiers. Primary Clarifiers 1 to 4 are more than 50 years old, and the secondary clarifiers are between 25 and 40 years old. The intention is to replace all sludge and scum collection systems in Primary Clarifiers 1 to 4, and in all Secondary Clarifiers. RFP P-20-17 is for supply and delivery only. Installation will be addressed in a separate RFT for a General contractor.

### RFP Details, Closing, Prepared by, Reviewed by

The RFP was prepared by staff, issued on August 8, 2017 and closed on August 24, 2017. In response to the RFP, 4 valid proposals were received and all were evaluated by the Chief Operator and 2 Consultants.

## RFP Statement

This solicitation process was an RFP where a number of criteria were used to evaluate submissions. The criteria and their relative weighting were clearly set out in the RFP document. Part 6(5)(3(i) of the City's Purchasing By-law 14-127 states that "as price is only one of the criteria evaluated, the award report will show the rating summary for each proponent and the total points. The award report will disclose the price of the recommended Supplier but not the price submitted by other proponents."

## RFP Evaluation Chart

Table 2 provides a summary of the RFP results.

**Table 2 - Bidder Submission Evaluation Chart**  
**RFP P-20-17 Supply and Delivery of a new Sludge Collection system**

<b>Evaluation Criteria</b>	<b>Maximum Score</b>	<b>ENV</b>	<b>Vector</b>	<b>H2Flow</b>	<b>Directrik</b>
Demonstration of Technology as suitable to application (modeling, case studies, etc.)	20	18.3	20	11.7	8.3
<b>Pricing</b> <b>Formula:</b> $\frac{\text{Cost of Lowest Proposal}}{\text{Cost of Proposal being evaluated}} \times 20$	20	20	20	7.4	4.5
Lead time (from Purchase Order to Delivery)	20	20	12.3	16	10
Manufacturing capacity to supply all required units concurrently	20	18.3	16.7	5	1.7
Relevant Experience of similar applications (including references)	10	10	10	10	6
Installation and commissioning requirements, including installation time	10	9	9	9	10
<b>TOTAL</b>	<b>100</b>	<b>95.6</b>	<b>88</b>	<b>59.1</b>	<b>40.5</b>

## **Recommended Supplier**

On the basis of the evaluation criteria, ENV Treatment Systems INC is the recommended Supplier. ENV Treatment Systems INC is familiar with the City and its processes. ENV Treatment Systems INC was also one of the lowest bidders. ENV Treatment Systems INC supplied the City of Peterborough with its existing Secondary Clarifier sludge collection systems and they have demonstrated excellent experience and knowledge with regard to the City's needs for this project.

## **Council Approval Required**

Section 8.2.1 of the Purchasing By-law 14-127 states Council must approve an award where the expenditure is greater than \$100,000 and is not a Request for Tenders awarded to the lowest bidder. RFP P-20-17 for the Supply and Delivery of new Sludge Collection Systems meets this requirement and must be approved by Council.

## **Timelines**

If the recommendation is approved, an agreement will be prepared and signed by the CAO and Clerk. There is a long lead time for delivery of this equipment (approximately 20 weeks) so it is important to order the systems as soon as possible. Installation is expected to occur in the first quarter of 2018.

## **Summary**

RFP P-20-17 for the Supply and Delivery of new Sludge Collection Systems has been issued in accordance with the City's Purchasing By-law 14-127 and can be awarded within approved budgets as recommended in this report.

Submitted by,

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Director Utility Services

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