



City of
Peterborough

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

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

Meeting Date: **October 17, 2016**

Subject: **Report USEP16-010**
Award of RFP P-10-16 for Supply and Delivery of Liquid Emulsion Polymer

Purpose

A report to awarded Request for Proposals (RFP) P-10-16 for Supply and Delivery of Liquid Emulsion Polymer to the Wastewater Treatment Plant.

Recommendation

That Council approve the recommendation outlined in Report USEP16-010 dated October 17, 2016, of the Director of Utility Services, as follows:

That RFP document P-10-16 for the Supply and Deliver of Liquid Emulsion Polymer to the Wastewater Treatment Plant be awarded to Canada Colors and Chemicals Limited, 6605 Hurontario St. Suite 400, Mississauga, ON, L5T 0A3 at a total cost of \$2.11/kg plus \$0.274/kg HST for an estimated yearly total of \$195,392.99.

Budget and Financial Implications

The total net \$175,957.44 requirement, after applicable HST rebates for Liquid Emulsion Polymer can be accommodated within the 2017 divisional operating budget.

Background

Brief Description of the Work

Liquid Emulsion Polymer is used at the Wastewater Treatment Plant (WWTP) in the production of a biosolids material referred to as “cake”.

RFP Details, Closing, Prepared by, Reviewed by

The proposal was prepared by City staff and closed on May 19, 2016. Before the proposal closed, interested vendors were given the opportunity to perform bench scale tests at the WWTP to select the polymer that they felt best suited our needs. After the proposals were submitted City staff selected vendors for full scale pilot testing of their product on the WWTP equipment. Full scale testing occurred during July, August and September, 2016. This RFP and the results of full scale testing were reviewed by the Chief Environmental Officer, Environmental Officer and the Sampling Technician.

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

Chart 1 below provides a summary of the RFP results.

Chart 1 - Bidder Submission Evaluation Chart

RFP P-10-16 Supply and Deliver of Liquid Emulsion Polymer

Evaluation Criteria	Maximum Score	SNF Canada	Canada Colours and Chemicals	Kemira Water Solutions	Solenis LLC
Qualitative Functionality and Operations Observations	10	6.8	8.5	5.8	8.8
Centrate Quality	5	3.7	5	2.5	4.2
Estimated Annual Cost	85	80.9	85	76.2	81.5
Rating Total	100	91.4	98.5	84.5	94.5
Ranking		3	1	4	2

Recommended Bidder

It is recommended that Canada Colors and Chemicals Limited (CCC) be selected for the Supply of Liquid Emulsion Polymer to the City of Peterborough WWTP.

During the trials the CCC Polymer consistently produced a cake that met our operational needs. The dewatering process also produces a waste stream referred to as centrate that is discharged back to the WWTP for treatment. The quality of the centrate during the CCC trials was consistently good with very little foaming, low suspended solids. The centrate from this product would not negatively impact the wastewater treatment process.

Council Approval Required

Part 8.2.1 of 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-10-16 for Supply and Delivery of Liquid Emulsion Polymer meets this requirement and must be approved by Council.

Timelines

If the recommendation is approved, the purchase will be confirmed via a purchase order before the work commences.

Summary

RFP P -10-16 for the Supply and Deliver of Liquid Emulsion Polymer 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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