



Staff Report

Report To: Council Meeting
From: Lee Gosnell, Manager of Operations & Community Services
Date: 2020-04-23
Report: 2020-08
Subject: Pool Filter Replacement

Recommendation:

That West Elgin Council receives the report from Lee Gosnell, Manager of Operations and Community Services; and

That West Elgin Council hereby accepts the quote submitted by Hollandia Pools & Spas at a cost of \$39,752.64 plus applicable taxes for the supply and installation of two (2) new commercial grade, horizontal sand filters at the West Elgin community pool.

Purpose:

To upgrade the aging/damaged filtration system at the West Elgin community pool.

Background:

When the West Elgin community pool was constructed 20 years ago, it consisted of two horizontal sand filters for pool filtration. Several years ago, one of these filters suffered a catastrophic failure and was taken out of service. Since that time, the pool has been operating on the single remaining filter, which has undoubtedly resulted in additional stress due to the increased pressures.

The 2020 capital budget included \$35,000.00 for replacement of the damaged filter, with hopes that the remaining filter would get through another year or two. Upon review of the current situation, it was decided that maintaining a two filter, commercial grade, horizontal filtration system was in the municipality's best interest. Therefore, a request for proposal was prepared which identified three options for proponents to bid on.

Option 1 – remove the existing filter and replace with two (2) new horizontal sand filters, placed side by side as per the pool's original design.

Option 2 – remove the existing filter and replace with two (2) new horizontal sand filters, stacked one above the other to provide space for future options such as bulk chlorine storage.

Option 3 – leave the existing filter and install one (1) new horizontal sand filter where the damaged filter once sat, thus bringing the system back to design capacity.

An additional line was also added for 2 provisional items, being bulk chlorine storage and a VFD for the pump motor. This pricing was to be shown separately from the options listed above.

RFP pricing was received from three companies with the results listed below (before tax) –

	<u>Option 1</u>	<u>Option 2</u>	<u>Option 3</u>
Hollandia Pools and Spas (London)	\$39,752.64	\$41,992.43	\$19,929.34
Acapulco Pools (Kitchener)	\$47,842.00	\$52,239.00	\$27,037.00
AquaPRO Pools & Hot Tubs (Newmarket)	\$49,268.60	\$53,372.50	\$26,501.70

All proposals were reviewed to verify they met the criteria as presented in the RFP and warranty information was compared. After discussion with our municipal pool operators, we feel option 1, as proposed by Hollandia Pools and Spas, is best suited to West Elgin's current financial and operational needs.

Financial Implications:

While the recommended option is approx. \$5000.00 over the 2020 budget amount, it brings the pool back to its original design capacity and eliminates possible failure of the second old filter. Staff also feel there are some savings to be found within the pools maintenance budget, which can help offset the added capital cost.

Although there is merit in the two provisional items, given the current health situation, I feel these would be better left for a future budget.

Report Approval Details

Document Title:	Pool filter replacement.docx
Attachments:	
Final Approval Date:	Apr 20, 2020

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

Jana Nethercott