

STAFF REPORT: Engineering and Public Works Department



REPORT TO: Infrastructure and Recreation Committee
MEETING DATE: May 26, 2009
REPORT NO.: EPW.09.048
SUBJECT: Tender for Automatic Shredding Unit-
 Craigleith Sewage Lift Station
PREPARED BY: John Caswell – Manager of Water and
 Wastewater Services

A. Recommendations

THAT Council approve Staff to purchase an automatic shredding unit from Belmont Group for \$88,158.00, as outlined in Report EPW.09.48, and

FURTHER THAT Council approve an allocation of funds from the reserves for the operating surplus for 2008 of \$15,000.

B. Background

An automatic shredding unit is a mechanical means of dealing with inorganic waste at the Craigleith main wastewater lift station by grinding waste before it reaches the Craigleith Wastewater Treatment Plant.

This helps reduce the amount of inorganic waste entering the Wastewater Treatment Plant, which helps to protect pumping units and prevents operators from having to enter a Confined Space to manually clean bar screens.

In the 2009 Capital Budget, \$68,000 was identified for the purchase of this equipment, with a further \$10,000 being allocated for a contingency for a total budgeted amount of \$78,000.

On May 15, the tender for this equipment closed with three bids submitted. The results were as follows:

Belmont Group	\$ 88,158.00
B&J Contracting	\$125,543.05
Wallwin Electrical Services	\$126,074.97

Staff is requesting Council approve an additional contribution from the wastewater operating reserves of \$15,000 to cover the shortfall and provide a contingency of \$5,000.

As well, Staff recommends the acceptance of the low bid in this competition and the award of the contract to the Belmont Group.

C. The Blue Mountains' Strategic Plan

This furthers the Town's Strategic Plan by addressing Goal #2 "Addressing the Town's municipal infrastructure needs".

D. Environmental Impacts

The manual cleaning of bar screens presents safety concerns for Operations Staff. Utilizing an automatic method of cleaning bar screen is a means of ensuring Operator safety.

Bar screens are one of the most important pieces of equipment in a treatment plant since all of the plant wastewater flows through the bar screen. Any plugging or obstruction of the screen usually will result in a lowered water level downstream and increased water level upstream. If the problem is not immediately resolved, surcharging may occur.

E. Budget Impact

Through the 2009 Budget process Council approved \$68,000.00 with an additional \$10,000.00 for contingency, totalling \$78,000.00 to be funded from reserves. The low bid has been received at \$88,158.00. Staff is requesting Council's approval to fund the \$10,000.00 shortfall from the sewer operating reserve and an additional \$5,000.00 for contingencies.

F. Attachments

None.

Respectfully submitted,

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