

STAFF REPORT: ENGINEERING & PUBLIC WORKS SOLID WASTE DIVISION



REPORT TO: Infrastructure & Recreation Committee
MEETING DATE: May 26, 2009
REPORT NO.: EPW.09.046
SUBJECT: Compaction and Cover Increased Operating Days
PREPARED BY: Jeffery Fletcher, Manager of Solid Waste and Environmental Initiatives

A. Recommendations

THAT Council approve the negotiated price for waste compaction and cover operations from McGowan Construction Ltd. in the amount of \$184.02 per hour plus GST and including all fuel costs for a total of 15 hours of work per week effective immediately and until the end of the existing contract being September 30th, 2009.

AND THAT updated contract terms are to be executed by Mayor and Clerk.

B. Background

In response to a previous staff report EPW.09.017, Compaction and Cover Negotiations the Infrastructure and Recreation Committee members requested that costing for an increase in the Town's current landfill compaction and covering contract be negotiated. The recommendation by the Committee authorized Staff to negotiate with the Town's current waste site contractor to arrange for more frequent compaction and cover and to change the time of day the work is to be carried-out. The increased work would be priced for the balance of the contract (until September 30th, 2009).

As a result of this direction Staff has acquired a negotiated price which is outlined in the Table below:

Contract	Hours and Days of Work	Cost
Current Price (Contract expires Sept. 30 th , 2009)	Tues., Fri. and Sat. Only @ 2 hours/day	\$1,344.23/week @ 6hours/wk = \$244.04/hour
Negotiated New Price (Submitted Mar.3,2009)	Mon., Tues., Thurs., Fri., and Sat., @ 3 hours/day	\$2688.46 Base price/wk <u>\$71.85 fuel/wk</u> \$2760.31/wk @ 15hours/wk = \$184.02/hour

Staff recommends that the Town move forward with the additional compact and cover work to be conducted by McGowan Construction for the new price of \$184.02/hour plus GST as outlined above. This additional work plan will be effective immediately upon approval and will be carried-out until September 30th, 2009. A new tender will be issued for the compaction and cover operations for work after the September 30th, 2009 current contract end date.

This change in service will also trigger other potential additional costs. Town Staff have requested to Miller Waste Systems (Miller) that Wednesday's curbside waste collection be held overnight in the collection truck and disposed of at the Town Site Thursday morning. This will eliminate the need for any compaction and covering activities on Wednesdays – effectively saving costs. There is a potential for some additional costs during the winter months if Miller needs to tip the Wednesday's waste at their Owen Sound facility if there is a concern that the mass of waste may freeze in the truck. This situation will not influence the proposal being considered up to the end of September. However, if under the new compaction contract waste is tipped at the Miller facility the table below outlines a cost comparison.

Option for Wednesday	Details	Cost per Day
Miller cost to tip Wednesday's curbside waste	\$105.46/tonne @ 3.3 tonne (average collection day)	\$349.33
Compaction and Cover Cost	\$184.02 x 3 hours	\$552.06

Due to the relatively low tonnage of waste collected on Wednesday, when comparing the above daily costs, if waste is tipped at the Miller facility at \$105/tonne that cost is lower than a 3 hour compaction and cover work day.

Further, for 2010 Town Staff will conduct a business case study on employing the use of alternative cover options that could dramatically reduce operating time and extend landfill life by reducing use of soil for daily cover.

C. The Blue Mountains' Strategic Plan

This activity will address the Town's municipal infrastructure needs by providing required solid waste compaction and cover requirements.

D. Environmental Impacts

Increased cover will minimize disease/contaminate vectors and wind-blown litter issues at the landfill site and increased compaction will increase the density of the disposed waste material, which will make better use of the remaining approved landfill volume – increasing site life.

E. Budget Impact

At the price as outlined above Town Staff can confirm that the 2009 budget will support the additional service for the period described – June to end of September 2009. However In lieu of knowing actual tender numbers for similar service for the remainder of 2009, Staff have estimated that the existing budgeted value will be in a short fall position of approximately \$10,000.

F. Attached

None

Respectfully submitted,

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