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**STAFF REPORT:      Infrastructure and Public Works**



**REPORT TO:**                    **Committee of the whole**  
**MEETING DATE:**           **June 27, 2016**  
**REPORT NO.:**                **CSPW.16.095**  
**SUBJECT:**                    **Award of Tender 2016-15-T-IPW  
for the Supply and Delivery of  
One (1) new Tandem Snowplow  
Truck**

**PREPARED BY:**            **Jim McCannell**, Manager of Roads  
and Drainage, on behalf of the Tender  
Award Committee

**A.      Recommendations**

THAT Council receive Report CSPW.16.095 entitled “Award of Tender 2016-15-T-IPW for the Supply and Delivery of One (1) new Tandem Snowplow Truck”;

AND THAT Council authorize the purchase of a 2017 Freightliner Tandem Axle Snowplow from Currie Truck Center for the tendered price of \$269,877.16 excluding HST with a contingency of \$4,000 for a total purchase cost of \$273,877.16

**B.      Background**

The Town’s 2006 tandem axle snow plow truck was identified for replacement during the 2016 budget process. This truck has been well maintained and has been in service for 11 winters but has exceeded its anticipated life cycle of 10 years. This truck has provided good service to the Town. The maintenance costs have averaged \$11,800 each year. The objective is to take the truck out of service and sell it before there are significant motor or transmission failures.

The County of Grey has tracked the operating costs of their trucks for many years. Grey County has used the Economic Theory of Vehicle Replacement to determine that deferring the replacement of snow removal vehicles and equipment beyond a certain point, actually causes total vehicle costs to rise, making a fleet more costly, not cheaper to own and operate. The County of Grey policy indicates that tri-axle trucks are replaced on an 8 year cycle. The Town has a practise of replacing tandem trucks on a 10 year cycle and the single axle patrol truck on a 7 year cycle. Any down time or out of service time for this truck will interrupt our ability to provide the required level of service as defined in the Town’s winter maintenance standards.

The Town’s tender for a new snow plow truck was issued on May 25<sup>th</sup> 2016 and closed on June 9<sup>th</sup>. The Town received 3 submissions as shown in Table 1

<b>Bidder</b>	<b>Truck type</b>	<b>Tendered Price</b>	<b>Addendum (0 issued)</b>	<b>Notes on Submission</b>
Currie Truck Centre	Freightliner	\$269,877.16	n/a	Compliant with process
B&I's Complete Truck Centre	Western Star	\$270,514.00	n/a	Compliant with process
Lewis Motor Sales	International	\$273,299.00	n/a	Compliant with process

The Truck tender submission from Currie Truck Center meets the Town's requirements. The cab and chassis will be painted the Town's colour, forest green. The truck has a 12.8 litre, Detroit engine providing 435 horsepower. This truck will not have the liquid brine tanks added but will be ready to receive the tanks if they are ever needed in the future. The Town and the County are using treated salt in place of the liquid de-icing brine. This has helped reduce costs by eliminating the capital and the on-going maintenance costs while improving the level of winter maintenance on the roads. The Town and County are however still using liquid anti-icing agents before major storm events.

With such purchases there may be other small items that may need to be added or altered at the factory prior to delivery. Therefore Staff recommends a \$4000 contingency be included to permit Staff to make any small additions or alterations.

The current truck will remain in the Town's fleet until the new truck has been commissioned and put into service. Following commissioning of the new truck, the 2006 International truck will be disposed of as per Town policy.

Staff is recommending the purchase of the 2017 Freightliner Tandem Axle Snow Plow from Currie Truck Center at the tendered price of \$269,877.16 excluding HST with a contingency of \$4,000 for a total purchase cost of \$273,877.16.

### **C. The Blue Mountains' Strategic Plan**

This report furthers the Town of The Blue Mountain's Strategic Plan Goal #5: Ensure that our Infrastructure is Sustainable

### **D. Environmental Impacts**

This truck will be fitted with a Detroit 12.8L engine that is compliant with the 2017 Greenhouse Gas (GHG2017) requirements.

**E. Financial Impact**

The 2016 budget has allocated \$275,000 for this capital purchase to be funded from the Roads Equipment Reserve Fund.

**F. In Consultation With**

Ruth Prince, Director of Finance and IT Services  
Sam Dinsmore, Manager of Accounting and Budgets/ Deputy Treasurer  
Serena Wilgress, Manager of Purchasing and Risk Management,

**G. Attached**

None.

Respectfully submitted,

**Jim McCannell**

Jim McCannell,  
Manager of Roads and Drainage

For more information, please contact:  
Name: Jim McCannell  
Email: [jmccannell@thebluemountains.ca](mailto:jmccannell@thebluemountains.ca)  
(519) 599-3131 x 271

Approved:

**Troy Speck**

Troy Speck, CAO

**Reg Russwurm**

Reg Russwurm, Director  
of Infrastructure & Public  
Works

**Serena Willgress**

Serena Wilgress,  
Manager of Purchasing  
& Risk Management