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Form Revised: February 2005

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**TORONTO TRANSIT COMMISSION  
REPORT NO.**

**MEETING DATE:** January 25, 2006

**SUBJECT:** Purchase Of Carbon Brush Parts

**RECOMMENDATION**

It is recommended that the Commission authorize the awarding of three-year inventory supply contracts for various carbon brush parts to the following companies for the period from January 2006 to December 2008:

- Carbone of America for \$461,000 including applicable taxes.
- National Electrical Carbon Canada for \$274,000 including applicable taxes.

**FUNDING**

Sufficient funds are available in the proposed 2006 TTC Operating Budget and will be included in future Operating Budgets as appropriate. These inventory materials will be charged to the appropriate budget at the time of issuance from Stores.

**BACKGROUND**

The subject carbon brush parts are used for electrical applications on the Commission's subway, SRT and streetcar vehicle fleet. Several examples of these parts are collector shoes used on the SRT vehicle and axle ground brushes used on subway and streetcar vehicles. Staff has estimated that over the three-year period, approximately 18 part types will be required to support maintenance needs.

**DISCUSSION**

Request for Proposals were issued to four known companies coupled with an advertisement on the TTC internet website on October 25, 2005. Three companies submitted proposals as summarized in Appendix 'A'. None of the recommended companies stated any exceptions or qualifications and their tenders are considered acceptable.

The Request for Proposal called for 18 pre-approved part types. The companies were also advised that alternatives would not be considered during the evaluation. A total of 18 part types are being recommended for award.

Carbone of America submitted prices on 16 part types and had the lowest evaluated price on 15 part types. They are recommended to be awarded 15 part types at the upset limit price of \$461,000.

National Electrical Carbon Canada submitted prices on 16 part types and had the lowest evaluated price on 3 part types. They are recommended to be awarded 3 part types at the upset limit price of \$274,000.

Helwig Carbon Products Incorporated submitted prices on 8 part types. However, their submission stated a proposal validity of 60 days which is considered commercially non-compliant as the Commission's proposal validity is 90 days. Therefore, their submission is considered commercially unacceptable.

Each contract includes approximately 20% contingency for variance between forecasted and actual usage and new parts yet to be identified which may be added to the contract during the contract term.

The pricing for the new three year inventory supply contracts is approximately 18.51% lower in the first year of the contract. The pricing will be approximately 0.97% higher in year two based on year one pricing and approximately 0.36% higher in year three based on year two pricing.

## **JUSTIFICATION**

These carbon brush parts are required in order to support maintenance needs.

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December 28, 2005

9-123-63

Attachment – Appendix 'A'

**APPENDIX 'A'**

**PURCHASE OF CARBON BRUSH PARTS**

	<b><u>No. of Items Quoted</u></b>	<b><u>Total Value</u></b>	<b>No. of Items</b>
Carbone of America	16	\$ 747,312.16	
National Electrical Carbon Canada	16	\$ 613,111.84	
Helwig*	8	\$ 80,645.92	

\*Non Compliant