

MEETING DATE: October 19, 2005

SUBJECT: Purchase Of Streetcar Brake Disc Rotors

RECOMMENDATION

It is recommended that the Commission authorize the issuance of a purchase order to Crowe Foundry Limited in the amount of \$372,329.75 for 525 ALRV and CLRV brake disc rotors for inventory.

FUNDING

Sufficient funds for these brake disc rotors have been included in Project 4.15 under Streetcar Overhaul as set out on pages 1033 to 1044 – CLRV Life Extension, category State of Good Repair/Safety and ALRV Midlife Overhaul Program, category State of Good Repair/Safety, in the TTC's 2005-2009 Capital Program approved by the City of Toronto Council on February 23, 2005.

BACKGROUND

The subject brake disc rotors are used on the Commission's streetcar fleet. It is estimated that between 2005 and 2007, these 525 brake disc rotors will be required to support streetcar braking overhaul needs.

These brake disc rotors are a safety critical component and may only be supplied by companies that are pre-approved by TTC Engineering Staff. The Commission's specifications for the manufacturer of these rotors describe the process a company is required to follow in order to become an approved supplier which includes a test period of up to 9 months.

Currently the only two approved companies are Knorr Brake Limited and Crowe Foundry Limited.

Other interested companies were encouraged to bid and if their submissions were competitive, they would be considered for future tenders/contracts subject to the pre-approval process discussed above.

Staff have determined that there is a need to replace the streetcar fleet brake disc rotors, as part of the ALRV Midlife Overhaul and the CLRV Overhaul Programs.

DISCUSSION

Tenders were invited from three companies coupled with an advertisement on the TTC internet website on August 30, 2005. Tenderers were requested to provide their delivery lead time for the first 340 pieces and were advised that 185 pieces are to be delivered in December 2006. Three companies submitted proposals as summarized in Appendix 'A'.

Crowe Foundry Limited submitted the lowest priced compliant tender. Their pricing for the first 340 brake disc rotors to be delivered over a 26 week term is the same as the previous purchase in June 2005 to Crowe Foundry Limited for a lesser quantity. The pricing for the 185 brake disc rotors which will be delivered in December 2006 is approximately 3% higher.

Penn Machine Company submitted the second lowest priced tender, however they are currently not an approved supplier for this part. Penn Machine Company's pricing is approximately 34% higher than Crowe Foundry Limited rendering their submitted price as non-competitive. Hence, the pre-approval process for Penn Machine Company will not be pursued by TTC staff at this time.

Knorr Brake Limited submitted the highest priced tender and did not state any exceptions or qualifications. However, their submission failed to indicate which part number they were quoting on, and as this is a requirement of the tender, Knorr Brake Limited's tender is considered commercially non-complaint and will not be considered for award.

JUSTIFICATION

These brake disc rotors are required in order to support the Commission's ALRV and CLRV streetcar braking overhaul needs.

October 5, 2005
9-118-63
Attachment – Appendix 'A'

APPENDIX 'A'

PURCHASE OF BRAKE DISC ROTORS

COST SUMMARY

<u>COMPANY</u>	<u>TOTAL VALUE</u>
Crowe Foundry Limited *	\$372,329.72
Penn Machine Company	\$493,867.50
Knorr Brake Limited	\$554,242.50

*** Recommended for Award**