

Meeting Date: June 12, 2002

Subject: Procurement Of One Special Sand Delivery Truck

Recommendation

It is recommended that the Commission authorize the award of a purchase order to Donway Ford Sterling Limited, in the amount of \$ 215,234.00, for the supply of one Special Sand Delivery Truck.

Funding

Sufficient funds for this expenditure are included in project 3.1 Roncesvalles & Russell Carhouse Renovations Program (as set out on pages 415 to 422 of the State of Good Repair/Safety Category) of the TTC 2002- 2006 Capital Program, which was approved by the City of Toronto on March 6, 2002.

Background

Sand for improving streetcar wheel traction is presently delivered by flatbed truck and unloaded manually at various locations on the surface system. The delivery vehicle in use presently is loaded by gravity discharge from a large overhead hopper at Hillcrest yard and off loaded at various sites throughout the city using shovels. The present method of distribution is very labour intensive and presents safety and environmental concerns due to the airborne dust produced during the loading and transfer processes.

Discussion

Purchase of the Sand Delivery Truck provides for the replacement of existing sand delivery methods which are labour intensive and present safety and environmental concerns during the sand transfer process.

The work includes the design, assembly, integration and delivery of one diesel powered truck chassis and one sand slinger type hopper complete with conveyors, controls and modifications to form one complete special sand delivery truck.

Proposal documents were prepared for the Design and Supply of one Sand Delivery Truck and a Request for Proposal was posted on Material and Procurement web site and issued to fourteen (14) companies on February 25, 2002. Proposals were received from four (4) companies and are summarized on Appendix 'A'.

All four (4) respondents incorporated the same Hopper/Conveyor element in their submissions. The proposed Hopper/Conveyor, a 2002 Agracat XL-15SP built by Bay-Lynx Manufacturing Incorporated, has a few technical qualifications and exceptions that are considered to be reasonable and acceptable. Based on the proposal responses, the

proposed Hopper/Conveyor can perform the task of delivering sand to Commission stations and yards in a safe and efficient manner.

Three (3) additions to the Hopper/Conveyor were proposed by Bay-Lynx Manufacturing Incorporated. An elevated work platform, a work light package, and an additional load hatch were recommended to allow easier operation of the vehicle at Commission transfer sites during night-time operation. The additions are considered reasonable and beneficial to the process.

Freightliner Mid-Ontario Incorporated submitted the lowest priced proposal. However, the proposed vehicle's Gross Vehicle Weight was less than that required by the specification. The proposed vehicle's turning radius was the largest of all the proposed vehicles and would make the truck difficult to manoeuvre on city streets and in Commission stations and yards. Freightliner's bid is considered technically non-compliant.

Donway Sterling Ford Limited submitted the second lowest bid. Technical qualifications and exceptions stated in Donway's bid regarding the provision of a non-stainless steel battery tray and the provision of non-specified electrical connectors are considered reasonable and acceptable. Based on their bid response, the proposed vehicle will perform the task of delivering sand to Commission stations and yards in the manner desired and intended by the specification. Donway's bid is considered the most technically compliant.

Metro International Trucks Limited submitted the third lowest priced bid. They stated several exceptions and qualifications pertaining to items such as the provision of a specific engine, specific brake system components, and a non-stainless steel battery tray. Metro's bid is considered to be technically compliant.

Kenworth Toronto Limited submitted the fourth lowest priced bid. They stated several exceptions and qualifications and are not considered to be technically compliant.

Justification

The tender submitted by Donway Ford Sterling Limited is the lowest priced and the most technically compliant proposal and is recommended for acceptance and an award of the order.

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Attachment

APPENDIX 'A'

PROPOSALS RECEIVED

<u>Company</u>	<u>Total Cost of Bid</u>	<u>Comment</u>
Freightliner Mid-Ontario Incorporated	\$ 210,556.50	
Donway Ford Sterling Limited	\$ 215,234.00	Recommended
Metro International Trucks Limited	\$ 220,523.25	
Kenworth Toronto Limited	\$ 271,110.60	
Engineering Estimate	\$ 220,000.00	

Procurement Authorization

Design and Supply of One Sand Slinger Truck -

Proposal No. P32PC02716