

TORONTO TRANSIT COMMISSION REPORT NO.

MEETING DATE: November 26, 2008

SUBJECT: PROCUREMENT AUTHORIZATION – MAINTENANCE OF A/C
POWER AND D/C TRACTION POWER CABLE SYSTEM
PROPOSAL # P31PJ08813

ACTION ITEM

RECOMMENDATION

It is recommended that the Commission authorize awarding a three-year contract for the Maintenance of A/C Power and D/C Traction Power Distribution Systems to Black & McDonald Limited, in the upset limit amount of \$1,500,000.00.

FUNDING

Sufficient funds for 2008 operating requirements have been made in the 2008 TTC Operating Budget, and adequate provisions will be made for the 2009-2011 work in those years operating budgets. Sufficient capital funds are available for this expenditure in various Way and Electrical Systems projects, i.e. 1.1, 1.2, 2.1, 2.2, and 2.3, as set out on pages 1 to 447 of the 2009-2013 Capital Program as approved by the Commission on August 27, 2008.

BACKGROUND

The AC and DC power distribution systems to the TTC's subway and surface systems are supplied from 59 substations. While maintenance of these systems is done primarily by TTC forces, due to inherent constructability difficulties and plant costs associated with the undertaking of major repair/rehabilitation and emergency work under restricted working hours, additional forces are required to maintain a safe and reliable system.

The work in this contract consists of planned and emergency repairs, installations, removal and/or replacement of 600v DC positive and negative traction power cables and high and low voltage AC power with their protection systems and distribution networks.

The AC and DC power distribution systems are in poor condition and reliable, efficient service cannot be assured. Feeder cables have far exceeded their life expectancy with some cables providing service in excess of sixty-five years. The Commission's ongoing replacement program will provide benefits by increasing the ability to maintain service during power outages as well as improve service reliability.

DISCUSSION

Drawings and Specifications were prepared including a unit Price Schedule with the estimated quantities per year for a three year period. A Request for Proposals was posted on the TTC website on August 1, 2008 and in addition, 12 companies were advised of the proposal availability. Two companies requested copies of the Proposal Documents out of which one submitted a Proposal.

Black & McDonald Limited submitted the only Proposal and did not state any exceptions or qualifications. Black & McDonald Limited has satisfactorily completed work of similar size and nature for the Commission in the past. Their proposal is considered compliant and acceptable.

Similar items from the previous contract were compared to the new unit prices submitted resulting in an average increase of 3%.

JUSTIFICATION

The Maintenance of A/C Power and D/C Traction Power Cable Systems at designated locations is necessary in order to support the rebuilding and reliability of the TTC power distribution system.

October 30, 2008
6-143