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Form Revised: February 2005

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## **TORONTO TRANSIT COMMISSION**

### **REPORT NO.**

**MEETING DATE:** April 18, 2007

**SUBJECT:** Procurement Authorization Streetcar Maintenance And Repair Facilities Master Plan Contract G85-231

### **RECOMMENDATION**

It is recommended that the Commission authorize the award of Contract G85-231 for the development of a Streetcar Maintenance and Repair Facilities Master Plan to Parker & Associates, Inc. with an upset limit of \$350,000.

### **FUNDING**

Sufficient funds are included in Project 3.9 Buildings and Structures – Facility Master Plan for LRT Cars (category State of Good Repair/Safety) of the TTC's 2007-2011 Capital Program, which was approved by City Council on March 7, 2007.

### **BACKGROUND**

A Facilities Master Plan is required by the TTC Streetcar Maintenance Department to ensure that the appropriate running maintenance and heavy repair facilities are in place as new low floor streetcars are acquired, existing streetcars are phased out of service, and the streetcar fleet grows.

The current TTC streetcar fleet is comprised of 196 Canadian Light Rail Vehicles (CLRV) and 52 Articulated Light Rail Vehicles (ALRV) that were manufactured in the mid to late 1970's and 1980's, respectively. As these vehicles are nearing the end of their design life they are scheduled for replacement between 2011 and 2018. In order to maintain the current level of service, 132 of the existing vehicles will have critical components overhauled and all will continue to require regular service and repairs until all of the new low floor vehicles have been delivered. The Streetcar Fleet Plan also calls for additional cars to be

added for both ridership growth and new LRT lines as proposed in the Capital Program's Toronto Transit City – Light Rail Plan.

The scope of work for the Streetcar Maintenance and Repair Facilities Master Plan is to review facilities as they currently exist as well as equipment and procedures and then to develop a long term plan with recommended timelines for modifications to the carhouses and shops. The intent of the study is to identify “what is required and when” so that the level of service from the current CLRV/ALRV fleet can be maintained as new vehicles are transitioned into service and the CLRV/ALRV fleet is retired. The report may recommend new or additional facilities for the Low Floor Streetcars. Timing of the report is intended to support decision making during the annual budget process.

## **DISCUSSION**

A Request for Proposals (RFP) for Contract G85-231 was publicly advertised on the TTC's Web site on February 5, 2007. Ten companies picked up copies of the proposal documents, out of which six attended the mandatory site tour. Three (3) submitted a proposal, as summarized in Appendix “A”.

All proposals received were reviewed and rated by the evaluation team based on the criteria included on the evaluation form shown in Appendix “B”. The recommendation for award is based on the highest rated qualified proponent with reasonable pricing. All proposals received were reviewed by the evaluation team. Following the determination of final ranking, the pricing envelope of the highest rated qualified proponent was opened and evaluated. Parker & Associates, Inc. had the best rating overall and their project staff have provided satisfactory work for the Commission in the past. Upon review of the hourly rates submitted by the company, they were considered fair and reasonable based on the experience and qualifications of the project team and compared to previous contracts.

## **JUSTIFICATION**

The award of this contract to Parker & Associates, Inc. will ensure that planning for the design and construction of appropriate streetcar maintenance and repair facilities will take place with sufficient lead time to support the evolution of the streetcar fleet.

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March 30, 2007  
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Attachments

**APPENDIX “A”**

**PROCUREMENT AUTHORIZATION  
STREETCAR MAINTENANCE AND REPAIR FACILITIES MASTER PLAN  
CONTRACT G85-231**

PROPOSAL EVALUATION SUMMARY (in alphabetical order)

**LIST OF PROPONENTS**

Giffels Associates Limited

Marshall Macklin Monaghan Limited

Parker & Associates, Inc. \*

(\* ) Indicates Recommended Proponent

## **APPENDIX ‘B’**

### **PROCUREMENT AUTHORIZATION STREETCAR MAINTENANCE AND REPAIR FACILITIES MASTER PLAN CONTRACT G85-231**

#### **PROPOSAL EVALUATION CRITERIA**

- A. CORPORATION QUALIFICATIONS / EXPERIENCE
- Number of years in business
  - Relevant Corporate experience
  - Depth of available resources
- B. PROJECT STAFF QUALIFICATIONS / EXPERIENCE
- i) Project Manager
- Number of years of direct experience
  - Work of a similar size and nature
  - Technical qualifications
- ii) Project Team / Subconsultants
- Number of years experience
  - Work of a similar size and nature
  - Technical qualifications
- C. PROJECT STAFF DEDICATION
- Right mix between senior staff and balance of team
- D. UNDERSTANDING OF THE WORK
- Proposed methodology / approach to the work.

