

TORONTO TRANSIT COMMISSION REPORT NO.

MEETING DATE: February 27, 2008

SUBJECT: PROCUREMENT AUTHORIZATION
STRUCTURAL ASSESSMENT
AND DESIGN SERVICES -
TRIENNIAL CONTRACT
CONTRACT NO. G85-246

RECOMMENDATION

It is recommended that the Commission authorize the award of contracts to the following firms in the upset limit amounts listed below, for Structural Assessment and Design Services – Triennial Contract for a three-year period, commencing from notification of award:

- 1) Delcan Corporation (Delcan) for \$2.5M
- 2) LEA Consulting Ltd. (LEA) for \$2.5M
- 3) Morrison Hershfield Limited (MH) for \$2.5M
- 4) Totten Sims Hubicki Associates (1997) Limited (TSH) for \$2.5M

for a total upset limit of \$10,000,000.

FUNDING

Sufficient funds for this expenditure are included in project 3.4 Bridges and Tunnels, under Structural Paving Rehabilitation Program and Bridges/Structures Maintenance Program (as set out on pages 703–711 and 721-726 respectively – category State of Good Repair/Safety of the TTC 2008-2012 Capital Program, which was approved by City Council on December 11, 2007.

BACKGROUND

The Bridges & Tunnels Program comprises various projects including the on-going rehabilitation of the Commission's Bridges and Structures and Structural Paving Programs. The TTC Capital Program demands considerable use of structural engineering services. In house engineering resources are best utilized in multi-disciplined projects and are not available to perform all the required tasks within this contract. Therefore, it is essential that qualified additional resources are retained in order to provide Structural assessment and Design Services for projects under 3.4 Bridges & Tunnels. With the planned ramping up of in-house engineering staff, it is anticipated that some of these planned engineering assignments shall be undertaken by in-house staff.

The work included in this Request for Proposal (RFP) consists of providing safety surveys, condition assessments, structural evaluations, detailed design and engineering support during construction for the rehabilitation of existing TTC facilities such as bridges, tunnel structures, running structures, subway stations, vent shafts and retaining walls. The work will be carried out on an as-required basis on approved capital projects over a period of three years.

DISCUSSION

An RFP for Contract G85-246, Structural Assessment and Design Services – Triennial Contract, was publicly advertised on the TTC’s website on December 12, 2007 indicating the Commission’s intention to award up to four contracts. Twelve companies requested copies of the proposal documents, out of which nine submitted proposals as summarized in Appendix “A”.

All proposals received were reviewed and rated by the evaluation team based on the criteria listed in Appendix “A”. Following the determination of the final ranking, the pricing envelopes of the highest rated qualified consultants, Delcan Corporation, LEA Consulting Ltd., Morrison Hershfield Limited, and Totten Sims Hubicki Associates (1997) Limited were opened and evaluated.

The proposals submitted by Delcan Corporation, LEA Consulting Ltd., Morrison Hershfield Limited, Totten Sims Hubicki Associates (1997) Limited were considered best choice overall as their proposed Project Managers and Project Teams demonstrated the best relevant experience. Each of the recommended proponents has previously satisfactorily performed work for the Commission and their proposals did not state any exceptions or qualifications and they are considered commercially acceptable.

Upon review of the confidential pricing information, staff considered pricing from Delcan Corporation, LEA Consulting Ltd., Morrison Hershfield Limited, and Totten Sims Hubicki Associates (1997) Limited as fair and reasonable based on the experience and qualifications of each of the Project Teams and compared to previous contracts.

The process of awarding a specific assignment to any one of these firms will be based on a competitive evaluation of Work Plans submitted by the firms. Each firm will be evaluated based on adherence to specific work assignment requirements, which include pricing, current workload and resource availability.

In order to provide the complete range of services and volume of work simultaneously, it is in the Commission’s best interest to issue a multiple award to ensure technical resources are available in a timely manner.

JUSTIFICATION

The award of contracts to Delcan Corporation, LEA Consulting Ltd., Morrison Hershfield Limited and Totten Sims Hubicki Associates (1997) Limited will ensure that engineering resources are available to support the Commission's Bridges and Structures and Structural Paving Programs.

February 4, 2008
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Appendix A

APPENDIX 'A'

PROCUREMENT AUTHORIZATION
STRUCTURAL ASSESSMENT
AND DESIGN SERVICES
TRIENNIAL CONTRACT
CONTRACT NO. G85-246

LIST OF PROPONENTS
(Alphabetically)

- Delcan Corporation *
- Earth Tech Canada Inc.
- Giffels Associates Limited
- Hatch Mott MacDonald Inc.
- LEA Consulting Limited *
- MMM Group Limited
- Morrison Hershfield Limited *
- Totten Sims Hubicki Associates (1997) Limited *
- Yolles Partnership Inc.

(* Recommended Proponent)

EVALUATION CRITERIA

A. CORPORATION QUALIFICATIONS/EXPERIENCE

- Number of years in business
- Relevant Corporate Experience
- Depth of Available Relevant Resources at Proponent's local office
- CADD facilities, experiences and degree of compliance to TTC CADD Standards

B. PROJECT STAFF QUALIFICATION/EXPERIENCE

- i) Project Manager:
 - Number of years of Direct Experience
 - Work of Similar Size and Nature
 - Technical Qualifications
- ii) Project Team/Subconsultants:
 - Number of years of Experience
 - Work of similar Size and Nature
 - Technical Qualifications