

MEETING DATE: November 20, 2002

SUBJECT: Procurement Authorization Testing And Inspection Services For 2003-2005
Contract G85-160

RECOMMENDATION

It is recommended that the Commission authorize:

- a. acceptance of the proposals for Testing and Inspection Services from Davroc Testing Laboratories Inc., and Intratech Engineering Laboratories Limited; and
- b. The issuance of contracts to Davroc Testing Laboratories Inc., and Intratech Engineering Laboratories Limited in the amount of \$1,000,000 each for a total authorization amount of \$2,000,000 for provision of testing and inspection services for the period January 1, 2003 to December 31, 2005.

FUNDING

Sufficient funds are included in the TTC 2002 – 2006 Capital Program, which was approved by City Council on March 6, 2002.

Payment for this work will be based on actual costs incurred for the professional services rendered, and charged to the approved project for which the work is required. No work will be initiated on any project unless the funds are available and the work orders are approved.

BACKGROUND

The Commission utilizes a Canadian Standards Association (CSA) certified materials testing service to assist the Materials Quality Control Section with the control of quality in concrete, asphalt, backfill materials, structural steel, masonry, and other construction materials.

The present two contracts for these services expire in December of 2002. The new contracts will be needed to support the quality assurance and control program for a number of major transit construction and rehabilitation projects by TTC contractors over the next three years.

DISCUSSION

Specifications for the testing and inspection services and estimates of anticipated work were prepared in a Request for Proposals (RFP) document, which was made available to interested and qualified firms on September 13, 2002. Twelve (12) companies requested copies of the proposal document, out of which nine (9) companies submitted a proposal.

Proponents were required to provide labour rates and unit prices for the required services that would be applicable to each of the three years of the Contract. These rates and prices were based on estimated quantities for evaluation purposes only. Contract award value will be established on an upset limit amount with contract expenditures based on actual work performed at the unit prices and labour rates proposed.

In order to comply with the Commission's technical requirements, each proponent was required to show evidence that they meet mandatory industry certifications identified in the RFP document. Based on these requirements, seven (7) firms met the mandatory requirements stated in the RFP document. One proponent, Jacques Whitford Associates Limited, was one of the seven short-listed firms but their proposal was considered non-compliant due to incomplete pricing. The elimination of this firm left six (6) proposals for staff to evaluate in detail.

Davroc Testing Laboratories Inc. (Davroc) submitted the lowest priced proposal and did not state any exceptions or qualifications. Their proposal was ranked the highest of the six proposals evaluated by staff. They are one of two consultant firms currently providing testing and inspection services for the Commission and they have satisfactorily performed these services on over 40 capital works projects including the Sheppard Subway. Davroc's proposal is considered commercially compliant.

Intratech Engineering Laboratories Limited (Intratech) submitted the second lowest priced proposal and did not state any exceptions or qualifications. Their proposal was ranked second highest by staff. They are the second of two consultant firms currently providing testing and inspection services with the Commission and they have satisfactorily performed these services on over 40 capital works projects including the Sheppard Subway. Intratech's proposal is considered commercially compliant.

Due to the magnitude of work required in the upcoming three year period, staff recommend that contracting with two companies will best meet the Commission's quality control testing and inspection needs by ensuring available resources and timely response. The work involved will require multiple testing crews to meet various contract construction schedules. It is the opinion of staff that a single testing firm cannot dedicate the resources necessary to fulfil these requirements. Awarding to two companies will also allow flexibility to manage the Commission's testing assignments in a cost-effective manner.

JUSTIFICATION

This testing and inspection service provides assurance that construction materials, equipment, and procedures meet contract specifications, applicable codes and design

standards. Engaging these two firms to assist staff of the Engineering and Construction Branch will provide a cost-effective method of ensuring quality projects.

November 5, 2002

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Attachment – Appendix ‘A’ – List of Companies Responding to Request for Proposal

APPENDIX A

LIST OF COMPANIES RESPONDING TO REQUEST FOR PROPOSAL

1. AGS Associates Inc.
2. AMEC Earth and Environmental Ltd.
3. BSG Engineering Ltd.
4. Davroc Testing Laboratories Inc.
5. Golder Associates Ltd.
6. Jacques Whitford and Associates Limited
7. John Emery Geotechnical Engineering Limited
8. Intratech Engineering Laboratories Limited
9. Peto MacCallum Ltd.

EVALUATION CRITERIA

A. CORPORATE QUALIFICATIONS/EXPERIENCE

- Number of Years in Business
- Relevant Corporate Experience
- Location
- Depth of Available Resources
- Public Service Experience
- Transit/Transportation Experience

B. STAFF QUALIFICATIONS/EXPERIENCE

i. SUPERVISORY STAFF

- Number of Years of Direct Experience
- Work of a Similar Size and Nature
- Transit/Transportation Experience
- Method of Keeping Current in their Field
- Technical Qualifications
- Related Professional and Industry Affiliations

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ii) Technical Staff/Subconsultants

- Number of Years Experience
- Relevant Work Experience
- Transit/Transportation Experience
 - Method of Keeping Current in their Field
- Technical Qualifications
- Related Professional and Industry Affiliations

C. LABORATORY INSPECTIONS

- Laboratory Visited