

TORONTO TRANSIT COMMISSION REPORT NO.

MEETING DATE: December 17, 2008

SUBJECT: PROCUREMENT AUTHORIZATION
GEOTECHNICAL ENGINEERING CONSULTANT FOR
TORONTO-YORK SPADINA SUBWAY EXTENSION
CONTRACT A85-83

ACTION ITEM

RECOMMENDATION

It is recommended that the Commission authorize the award of Contract A85-83 to Coffey Geotechnics Inc. for the Geotechnical Engineering Consultant for Toronto-York Spadina Subway Extension, in the upset limit amount of \$3,500,000.

FUNDING

Sufficient funds for this expenditure are included in the Toronto-York Spadina Subway Extension Project, as set out on pages 1479 to 1482 of the TTC 2009-2013 Capital Program (Category - Expansion) which was approved by the Commission on August 27, 2008.

BACKGROUND

The geo-engineering services for the Toronto-York Spadina Subway Extension project has been separated into two general roles: Principal Geo-Engineering Consultant and Geotechnical Engineering Consultants, as follows:

- 1) The Principal Geo-Engineering Consultant will have an oversight role for geo-engineering services and will be responsible for assisting the Commission with subsurface risk management by establishing field investigation and laboratory test programs, coordinating geo-engineering works, interpreting data, and providing a spectrum of geo-engineering reports and documents such as soil and ground water management strategy report, geo-engineering design report, and Geotechnical Baseline Report, geo-engineering drawings, stratigraphic profiles, and specifications. The Principal Geo-Engineering Consultant services contract (Contract A85-77) was awarded to Golder Associates Ltd. by the Commission on October 23, 2008.

- 2) The Geotechnical Engineering Consultants will be responsible for geotechnical (drilling boreholes along with all other relevant works) and geophysical site investigations, field, in-situ testing, and geotechnical and geo-environmental laboratory tests, preparation of geo-engineering factual data, and other specialty geo-engineering services as required by the Commission. It is the Commission's intention to award up to two contracts for Geotechnical Engineering Consultants.

A Request for Proposal for Contract A85-78, Geotechnical Engineering Consultant for Toronto-York Spadina Subway Extension was publicly advertised on the TTC's website as of August 18, 2008. Fifteen companies requested copies of the proposal documents, out of which six submitted a proposal. All proposals received were reviewed and rated by the evaluation team. The awards were to be based on the lowest priced of those qualified.

Upon review of the confidential pricing information, it was determined that three proponents out of the four considered technically qualified submitted exceptions to a number of tests by entering "N/A" for a number of soil lab tests which were required within two days. Since the proposal document required all items to be priced, their proposals were considered unacceptable. Inspec-Sol Inc. stated no exceptions or qualifications and a contract was awarded to Inspec-Sol Inc. as the only qualified and compliant proponent on October 23, 2008.

This recommendation is for the provision of the second Geotechnical Engineering Consultant.

DISCUSSION

Due to the anticipated workload, the Commission requires the services of a second Geotechnical Engineering Consultant. Approval was received to obtain new proposal submissions on a restricted bidders list from the three qualified proponents as summarized in Appendix 'A'. A new Request for Proposal was sent to the three proponents on November 28, 2008, out of which all three submitted proposals.

The recommendation for award of this contract is based on the lowest priced qualified proponent.

The new submissions contained the same corporate information and team members as previously submitted and therefore, based on the evaluation performed previously all three consultants are considered qualified to perform the work.

The rates proposed by Coffey Geotechnics Inc. are considered fair and reasonable based on the qualifications and experience profile of the project team and in comparison to the previous contracts for similar work and having the lowest evaluated hourly rates and unit prices.

JUSTIFICATION

The award of a Contract to Coffey Geotechnics Inc. will allow Commission staff to engage the requisite geotechnical services from two consultants to fulfil project geotechnical exercises, obligations, roles and responsibilities required for the Toronto-York Spadina Subway Extension.

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Attachment – Appendix 'A'

APPENDIX 'A'

GEOTECHNICAL ENGINEERING CONSULTANT FOR TORONTO-YORK SPADINA SUBWAY EXTENSION CONTRACT A85-83

LIST OF PROPONENTS (subject of this report, in alphabetical order)

1. Peto MacCallum Ltd.
2. Coffey Geotechnics Inc.*
3. Trow Associates Inc.

*Recommended Company

PROPOSAL EVALUATION CRITERIA

A. CORPORATE QUALIFICATIONS/EXPERIENCE

- Background and Capabilities
- Number of Years in Business
- Depth of Available Resources at Proponent's Local Greater Toronto Area (GTA) Office
- Relevant Corporate Experience since 1990

B. PROJECT STAFF QUALIFICATIONS/EXPERIENCE

i) Project Manager

- Number of Years of Direct Experience
- Academic Qualifications
- Professional Registrations
- Capsule Curricula Vitae
- Experience Profile and Work of a Similar Size and Nature

ii) Project Team/Subconsultants

- Number of Years of Direct Experience
- Academic Qualifications
- Professional Registrations
- Capsule Curricula Vitae
- Experience Profile and Work of a Similar Size and Nature

C. UNDERSTANDING OF THE WORK

- Proposed Geo-Engineering Investigation Methodology, Investigation Readiness and Equipment Mobilization power.