

TORONTO TRANSIT COMMISSION REPORT NO.

MEETING DATE: June 13, 2007

SUBJECT: PROCUREMENT AUTHORIZATION
GEOTECHNICAL ENGINEERING CONSULTANT SERVICES
STEELES WEST STATION
CONTRACT A85-68

RECOMMENDATION

It is recommended that the Commission:

1. Authorize the award of Contract A85-68 - Geotechnical Engineering Consultant Services, Steeles West Station, to Golder Associates Ltd. in the total upset limit amount of \$400,000.
2. Forward this report to City of Toronto Council to request confirmation of in-year approval of an increase in the 2007 budget for the Spadina Subway Extension of \$3,650,000 bringing the current approved budget for 2007 to \$4,450,000 and the current project approval level to \$4,950,000.
3. Forward this report to the Region of York and to the Move Ontario Trust for information.

FUNDING

Funds of \$49 million have been identified in 2007 for the Spadina Subway Extension Project (the Project) as outlined on pages 1455–1459 of the TTC's 2007-2011 Capital Program. This Project is currently identified as "below the line" as project approval is not yet in place. This award, plus other future commitments will require \$3,650,000 to be moved above the line in order to proceed.

The funds outlined on pages 1455-1459 of the TTC Capital Program were prepared in 2006 dollars, predicated on the Project being granted approval by late 2006 which did not occur. While the Project needs to be reviewed, the Move Ontario Trust has released funds of \$3,650,000 for some specific project expenditures to address the critically urgent issue at Steeles West Station as noted in the attached letter from the Trust to the Interim Chief General Manager dated May 15, 2007.

BACKGROUND

As part of the need to initiate early engineering and contract activities for the Project, a number of works were identified as requiring early initiation to avoid the risk of higher Project costs if undertaken at a later date. Of these, the most time critical is at the United Parcel Service (UPS)/Steeles West Station interface.

The Commission included the requirement for a three-track structure north of Steeles West Station in the 2006 Environmental Assessment (EA) Report. The efficient way to construct this structure would have been by cut-and-cover excavation. With the need to extend the subway farther north within York Region, the three-track structure has increased in length and as a result, the extent of the cut-and-cover excavation has increased accordingly. The property at the location of the proposed three-track structure is owned by UPS. UPS has indicated that it plans to proceed with construction, starting in summer 2007, with an expansion to their sorting and transfer facility currently located northwest of the proposed Steeles West Station. The expansion would be situated on top of a portion of the future three-track structure. Delaying UPS would have significant commercial implications.

In order to avoid impacting UPS' building expansion, the Commission is investigating the feasibility of relocating a large portion of the three-track structure north of Steeles West Station to another location. Relocating the three-track structure would still require the need for tunneling of the subway under the proposed UPS building expansion.

Required in the immediate future are preliminary geotechnical investigations and station concept developments for the future subway structures at Steeles West Station, and the need to look at the feasibility of proceeding with subway tunneling and/or three-track structure construction under the UPS building expansion or on York University Lands.

The work under this contract consists of providing geotechnical engineering consultant services to conduct the required preliminary investigations, analysis and recommendations. Geotechnical investigations will be conducted on the UPS and York University properties, as well as on municipal lands. This work will be carried out in consultation with a Station Pre-Engineering Consultant, which is to be retained through a separate report to the Commission.

DISCUSSION

A Request for Proposals was publicly advertised on the Commission's Web site as of April 5, 2007. Eleven companies requested copies of the proposal documents out of which seven submitted a proposal, as summarized in Appendix A.

The recommendation for award is based on the lowest priced qualified proponent. All proposals received were reviewed and all proposals that appeared to be compliant were rated by an evaluation team based on the criteria listed in Appendix A. Following determination of the final

ranking, the pricing envelopes of the three qualified proponents (Golder Associates Ltd., Thurber Engineering Limited and Peto MacCallum Ltd.) were opened and evaluated.

Golder Associates Ltd. submitted the lowest total evaluation price, and their proposal is considered acceptable. Their proposal is recommended for acceptance. This company has performed similar work for the Commission in the past.

JUSTIFICATION

The award of Contract A85-68 to Golder Associates Ltd. will ensure that geotechnical engineering resources are available to support the required pre-engineering work of the future Steeles West Station for the Spadina Subway Extension.

May 22, 2007
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Attachment: May 15, 2007 Letter from Move Ontario Trust
Appendix A

APPENDIX "A"

PROCUREMENT AUTHORIZATION GEOTECHNICAL ENGINEERING CONSULTANT SERVICES STEELES WEST STATION CONTRACT A85-68

LIST OF PROPONENTS (alphabetically)

- AMEC Earth & Environmental, a Division of AMEC Americas Limited
- Conestoga-Rovers & Associates Limited
- Decommissioning Consulting Services Limited
- **Golder Associates Ltd. (*)**
- **Peto MacCallum Ltd. (*)**
- **Thurber Engineering Limited (*)**
- Trow Associates Inc.

(*) Qualified Companies

EVALUATION CRITERIA

A. CORPORATE QUALIFICATIONS/EXPERIENCE

- Number of Years in Business
- Relevant Corporate Experience
- Depth of Available Relevant Resources at Proponent's Local Office
- CADD Facilities, Experience and Degree of Compliance

B. PROJECT STAFF QUALIFICATION/EXPERIENCE

Project Manager

- Number of Years of Direct Experience
- Work of a Similar Size and Nature
- Technical Qualifications

Project Team/Sub-consultants

- Number of Years of Direct Experience
- Work of a Similar Size and Nature
- Technical Qualifications