

TORONTO TRANSIT COMMISSION REPORT NO.

MEETING DATE: July 14, 2010

SUBJECT: PROCUREMENT AUTHORIZATION
TRANSIT CITY
SYSTEMS DESIGN SERVICES
CONTRACT TC85-25

ACTION ITEM

RECOMMENDATION

It is recommended that the Commission authorize the award of a contract to URS/Parsons, a Joint Venture (URS JV), in the upset limit amount of \$85,000,000, including applicable taxes, for the Transit City Light Rail Program, Systems Design Services, Contract TC85-25, for an estimated period of 10 years.

FUNDING

Funding for the provision of these services is included in the various projects outlined under Transit City/Move Ontario 2020 Approved Priority Projects in the TTC 2010 – 2014 Capital Program, as amended by the Commission on October 29, 2009 and adopted by the City of Toronto Council on December 8, 2009. Project commitment approval of \$375.2 million was included to cover incurred expenditures to the end of 2010.

BACKGROUND

Transit City consists of eight new light rail transit (LRT) lines, including the Scarborough Rapid Transit and four maintenance and storage yards that will, upon implementation, provide a network of rapid transit throughout Toronto. The Commission endorsed the Transit City plan at its meeting of March 21, 2007.

Transit City will use a common light rail transit vehicle that will be able to operate out of any maintenance facility, on any of the lines. In order to facilitate this, the systems used to monitor and control the vehicles (i.e. signals, traction power, communications, SCADA, control centre, etc.) must be common across all of the lines. To ensure commonality of the system designs, a team will be established to develop the designs that will be employed on each of the lines.

The objective of this contract is to retain the services of a systems design consultant who will be responsible for the delivery of the Transit City program-wide operating systems, through the provision of design and construction support services.

DISCUSSION

A Request for Proposals for Contract TC85-25 was publicly advertised on the Commission's website commencing on April 16, 2010. Twenty-one companies requested or picked up 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 highest rated qualified proponent with reasonable pricing. The seven proposals were reviewed and rated based on the evaluation criteria outlined in Appendix A. The proposals submitted by Hatch Mott MacDonald Ltd. (Hatch) and URS/Parsons, a Joint Venture (URS JV), were the highest rated qualitatively and both were considered equally qualified, therefore the pricing envelopes of both Hatch and URS JV were opened and evaluated.

URS JV has provided the lowest overall evaluated pricing. Based on the qualitative rankings and the overall pricing, it is recommended that the contract be awarded to URS JV.

The contract will be administered on a Work Assignment Release basis, which permits the Commission to stop work at any time during the contract, without liability to the Commission.

JUSTIFICATION

The award of this contract will enable the delivery of common systems elements, for each of the Transit City projects.

June 17, 2010

55-15-14

Attachment: Appendix A

APPENDIX A

PROCUREMENT AUTHORIZATION TRANSIT CITY SYSTEMS DESIGN SERVICES CONTRACT TC85-25

LIST OF PROPONENTS (in alphabetical order)

1. AECOM Canada Ltd.
2. Comtech Group Inc.
3. Delcan + LTK JV
4. Hatch Mott MacDonald Ltd.
5. SNC-Lavalin Inc.
6. Stantec Consulting Inc.
7. URS/Parsons, a Joint Venture (URS JV) (*)

(*) – Indicates Recommended Proponent

PROPOSAL EVALUATION CRITERIA

A. CORPORATE QUALIFICATIONS/EXPERIENCE

- Background and capabilities
- Number of years in business
- Depth of available relevant resources at proponent's local GTA office, by discipline
- Relevant corporate experience by project
- CADD facilities, experience and degree of compliance to TTC CADD Standards

B. PROJECT STAFF QUALIFICATIONS/EXPERIENCE

- Number of years of direct experience
- Work of a similar size and nature
- Technical qualifications

C. PROPOSED METHODOLOGY