



Design Consultant Services Easier Access and Second Exit Projects

Date: April 11, 2018
To: TTC Board
From: Chief Financial Officer

Summary

The purpose of this report is to obtain authorization for the award of Contract G85-360 for Design Consultant Services for Easier Access and Second Exit Projects to the following three firms, in the upset limit of \$6 million per firm (for a total upset limit of \$18 million) in Canadian funds, with eight year duration from Notification of Award, on the basis of highest total weighted scores:

- AECOM Canada Ltd.
- HDR Corporation
- IBI Group Professional Services (Canada) Inc.

The retained design consultants will carry out design assignments on as required basis in support of capital projects.

Recommendations

It is recommended that the Board authorize:

1. Award of Contract G85-360 for Design Consultant Services for Easier Access and Second Exit Projects to the following three firms, in the noted upset limit amounts, in Canadian funds, each for eight year duration from Notification of Award, on the basis of highest weighted scores:

Firm	Upset Limit Amount
AECOM Canada Ltd.	\$6,000,000.00
HDR Corporation	\$6,000,000.00
IBI Group Professional Services Canada) Inc.	\$6,000,000.00
Total Upset Limit Amount	\$18,000,000.00

Financial Summary

Sufficient funds for this expenditure are included in the TTC's 2018-2027 Capital Budget under 3.9 Building and Structures Program, Fire Ventilation Upgrades project, State of Good Repair/Safety category, and Easier Access III project, Legislative category which were approved by City Council on February 12, 2018.

Where the Easier Access and Second Exit projects are combined with smaller ancillary work for construction coordination purposes, this scope will be charged to the applicable approved budget. Examples of this type of work include fire alarm upgrades and structural rehabilitation.

The contract work will be administered on a Work Assignment Release basis. As each required task is identified, a work plan is prepared with an estimate. Work will only commence as authorized by TTC staff in the form of a Work Assignment Release and payment for services will be based on the terms included in the contract documents.

The Chief Financial Officer has reviewed this report and agrees with the financial impact information.

Equity/Accessibility Matters

The TTC has set the goal of making subway stations accessible by 2025. The Easier Access program is an important part of the 2014-2018 TTC Accessibility Plan in its objective to fulfil the provincially-legislated requirements in the *Accessibility for Ontarians with Disabilities Act, 2005* (AODA).

Design assignments will be completed in accordance with TTC Design Standards and AODA/Ontario Building Code.

Decision History

Easier Access:

In order to meet the 2025 completion date, the program schedule has been accelerated to complete an average of 3 stations per year.

For further project background and history refer to:

[http://www.ttc.ca/About the TTC/Commission reports and information/Commission meetings/2016/October 27/Reports/7 Feasibility of Acceleration Easier Access %20III.pdf](http://www.ttc.ca/About%20the%20TTC/Commission%20reports%20and%20information/Commission%20meetings/2016/October%2027/Reports/7%20Feasibility%20of%20Acceleration%20Easier%20Access%20%20III.pdf)

Issue Background

This report recommends the retention of design consultant services to prepare designs in support of the Easier Access and Second Exit projects and other smaller ancillary work, where combined, to accommodate project schedules.

Easier Access:

TTC commenced making subway stations accessible in 1990 and has a target to complete all subway stations by 2025.

To date, 44 stations are accessible. There are 28 remaining stations to be made accessible under the Easier Access program, five of which are currently under construction which are: St. Patrick, Royal York, Dupont, Wellesley and Yorkdale stations. Another eight stations have designs at, or near completion, and the remaining 15 stations require completion of the detail design phase.

Second Exits:

A fire life safety assessment study completed in 2002 identified fourteen high priority stations requiring an alternate means of egress from station platforms. The scope of the Fire Ventilation Upgrade project was expanded in 2003 to include construction of second exits.

The Second Exit program, part of Fire Ventilation Upgrade program, is designed to enhance safety for customers and staff providing an additional way out of subway stations in the case of emergency. In 2002, 14 priority stations were identified as requiring a second exit. To date, five of these second exits have been constructed including: Broadview, Castle Frank, Pape, Dufferin and Woodbine Stations. A sixth second exit at Wellesley Station has been constructed through a neighbouring development connection and will open to the public when complete. Chester station is planned to commence construction in 2018. The remaining 7 stations require completion of detail design.

In May 2009, the TTC Board approved the conversion of second exits to automatic entrances, where feasible.

Comments

A Request for Proposal (RFP) was publicly advertised on the Merx website as well as the TTC's website on December 21, 2017. Seventeen companies downloaded copies of the proposal documents, out of which six submitted a proposal by the closing date of January 25, 2018.

Evaluation of the Proposal Submissions

Submissions from the following companies were received:

- AECOM Canada Ltd.
- HDR Corporation
- IBI Group Professional Services (Canada) Inc.
- Gannett Fleming Canada ULC
- Hatch Corporation
- Mott MacDonald Canada Limited

An evaluation team consisting of three members representing Project Management Section of the Construction Department and the Project Procurement Section of the Materials and Procurement Department evaluated the qualitative portion of the proposals in accordance with the evaluation criteria outlined in the RFP and attached as Appendix A.

The recommendation for award of contracts is based on the three highest total weighted scores. The evaluation of proposals was based on a two envelope process and consisted of qualitative and pricing components; 80 points allocated to the qualitative merit and 20 points allocated to the pricing. Proposals were first scored based on qualitative criteria at the associated weightings as set out in the proposal documents. It was pre-determined that proposals achieving a total minimum of 56 points out of the maximum 80 points available for the qualitative evaluation would be considered qualified.

The pricing component of all qualified proponents was then evaluated, utilizing the percentage dedication for the pre-defined key staff positions, as set out in the proposal documents for evaluation purposes only, to determine a composite hourly billing rate. The total weighted score was calculated as a sum of the weighted qualitative score and the weighted pricing score.

AECOM Canada Ltd., HDR Corporation and IBI Group Professional Services (Canada) Inc. had the highest total weighted scores and are recommended for award of contracts.

The three recommended proponents have satisfactorily performed work of a similar size and nature for the TTC previously.

Contact

Jane Murray, Chief Project Manager and Head - Construction Department
(416) 590-6811
Jane.Murray@ttc.ca

Signature

Tara Bal
Chief Financial Officer

Attachments

Attachment 1 - Appendix A

03075-897-40

APPENDIX A
PROCUREMENT AUTHORIZATION
CONTRACT G85-360

EVALUATION CRITERIA

- A. Corporate Qualifications
 - Background and capabilities
 - Number of years in business
 - Depth of available relevant resources at Proponents office, by Discipline
 - CADD facilities
 - Relevant corporate experience by project

- B. Staff Qualifications/Experience
 - Number of years of direct experience
 - Technical qualifications (Academic and Professional Associations)
 - Capsule CV description relevant experience by project

- C. Pricing Evaluation