



Facility Renewal Design Services

Date: July 7, 2021
To: TTC Board
From: Chief Capital Officer

Summary

The purpose of this report is to obtain authorization for the award of Contract G85-401 for Facilities Renewal Design Services, in the upset limit amount of \$15,000,000.00 in Canadian funds, inclusive of all taxes, with a duration of five years from the Notification of Award, on the basis of the highest total weighted scores to the following companies:

- | | |
|---------------------|----------------|
| • AECOM Canada Ltd. | \$5,000,000.00 |
| • CIMA Canada Inc. | \$5,000,000.00 |
| • WSP Canada Inc. | \$5,000,000.00 |

Total Overall Upset Limit Amount:	\$15,000,000.00
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The work in this Request for Proposal (RFP) includes, but is not limited to, multi-discipline design and engineering services for transit, industrial and commercial facilities including, but not limited to, the following disciplines: architectural, structural, mechanical, electrical, systems and track. The work will be carried out on an as-required basis on approved capital projects over a period of five years.

This aligns with our Corporate Plan Critical Path 3: Move more customers more reliably.

Recommendations

It is recommended that the TTC Board:

1. Authorize the award of Contract G85-401 for Facilities Renewal Design Services, in the upset limit amount of \$15,000,000.00 in Canadian funds, inclusive of all taxes, with a duration of five years from the Notification of Award, on the basis of the highest total weighted scores to the following companies:

AECOM Canada Ltd. (AECOM)	\$5,000,000.00
CIMA Canada Inc. (CIMA+)	\$5,000,000.00
WSP Canada Inc. (WSP)	\$5,000,000.00
 Total Overall Upset Limit Amount	 \$15,000,000.00

Financial Summary

Sufficient funds are included in the TTC's 2021-2030 Approved Capital Budget and Plan for various capitals projects including, but not limited to, projects related to various facility expansions and upgrades, and equipment and systems upgrades. Once a project has been approved, a portion of the project budget is used to carry out design services, as required.

The contract work will be administered on a Work Assignment Release basis to the consultant. As each required task is identified, a work plan is prepared with an estimate. Work will be authorized only after confirmation that sufficient funds are included for the specific assignment in the TTC's 2021-2030 Capital Budget, which was approved by the TTC Board on December 21, 2020 and City Council on February 18, 2021.

Work will commence as authorized by TTC staff in the form of a Work Assignment Release (WAR), and payment for services will be based on the terms included in the Contract documents.

The estimated expenditure for each recommended design consultant firm is detailed by each year of the contract term and is shown in the table below:

Contract Year	Consultant			Totals Upset Limit
	AECOM	CIMA+	WSP	
Jul-Dec 2021	\$250,000	\$250,000	\$250,000	\$750,000
2022	\$1,000,000	\$1,000,000	\$1,000,000	\$3,000,000
2023	\$1,000,000	\$1,000,000	\$1,000,000	\$3,000,000
2024	\$1,000,000	\$1,000,000	\$1,000,000	\$3,000,000
2025	\$1,000,000	\$1,000,000	\$1,000,000	\$3,000,000
Jan-Jul 2026	\$750,000	\$750,000	\$750,000	\$2,250,000
Consultant Total Value	\$5,000,000	\$5,000,000	\$5,000,000	\$15,000,000

NOTES:

- 1) The values provided are estimates only and do not reflect the actual values per year per consultant.
- 2) The actual values per year per consultant will be based on tasks assigned to the consultants.

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

Equity/Accessibility Matters

A cornerstone of the TTC's Corporate Plan 2018-2022 is accessibility, and as a proud leader in providing accessible public transit in the city of Toronto, we are committed to ensuring reliable, safe and inclusive transit services for customers. This is supported through the work of Contract G85-401 Facilities Renewal Design, which will be in accordance with the Accessibility for Ontarians with Disabilities Act (AODA) and the Ontario Building Code. In addition, before work is approved, the TTC will ensure that there is consultation with stakeholders/groups who might be affected by the work so that barriers to accessing TTC services can be addressed. There will also be consultation with the TTC's Advisory Committee on Accessible Transit (ACAT), and recommendations from ACAT regarding accessible design improvements will be considered for implementation.

Decision History

There is no decision history on this matter.

Issue Background

The Engineering, Construction and Expansion (EC&E) Group/Construction Department is responsible for the delivery of project work approved in the TTC's 10-Year Capital Budget and Plan.

In support of delivery of the TTC's Capital Program, various types of consulting expertise, including design services, are retained on a regular basis. This report addresses the retention of external design consultant services for the provision of preliminary design, detail design and construction support services, including the preparation of all contract documents necessary to tender and construct various work packages. These work packages include state-of-good-repair projects for facility renewal initiatives, and utilized across many capital projects with varying scopes and requirements.

The work will be administered on a Work Assignment Release basis. The assignments include, but are not limited to, bus platform ventilation, building facility renewal programs, subway facility renewal programs and LRV carhouse facility renewal programs.

The consultants will submit work plans for individual work assignments. The work plans will be evaluated and the assignment will be awarded to the acceptable and compliant proposal. The work will be carried out on an as-required basis on approved capital projects, over a period of five years.

Comments

A Request for Proposal (RFP) was publicly advertised on the Merx website as well as the TTC's website as of March 12, 2021. A total of 51 companies downloaded copies of

the proposal documents, out of which 14 submitted proposals by the closing date of April 23, 2021. There were six addenda issued during the bidding period. The proposal validity expires on October 20, 2021.

Evaluation of the Proposal Submissions

All proposals received were reviewed for commercial compliancy and all proposals that were compliant were rated by the evaluation team, in accordance with the Evaluation Criteria as per Appendix A.

An evaluation team consisting of three individuals from the Construction Department conducted the formal review and rating in accordance with the requirements outlined in the RFP, and attached as Appendix A. Staff from the Procurement and Category Management Department (PCM) acted as the facilitator during the evaluation process and provided a Company Recommendation Report.

The recommendation for award is based on the three highest total weighted scores. The evaluation of proposals was based on a two-envelope process and consisted of 70.00 points allocated to the qualitative merit and 30.00 points allocated to the pricing. Proposals were first scored based on qualitative criteria at the associated weightings as set out in the proposal documents.

The proposals achieving a total minimum of 49.00 points out of the maximum 70.00 points available for the qualitative evaluation would be considered qualified. The pricing component of all qualified proponents was then evaluated. The total weighted score was calculated as a sum of the weighted qualitative score and the weighted pricing score.

Six companies passed the qualitative evaluation bar and had their pricing component evaluated.

AECOM, CIMA+ and WSP had the highest total weighted scores and are recommended for award of contracts. All three companies have all previously satisfactorily performed work of a similar size and nature in the past for the TTC. (Refer to Appendix B for the Proposal Evaluation Summary).

Contact

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Signature

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Attachments

Attachment 1 – Appendix A
Attachment 2 – Appendix B

SP #03075-744-47

APPENDIX A

Facilities Renewal Design Services

EVALUATION CRITERIA

A. Corporate Qualifications

- Number of years in business
- Depth of available relevant resources at Proponents office, by Discipline
- Methodology of controlling quality of deliverables/CADD compliance
- Relevant corporate experience by project

B. Project Team Qualifications/Experience

- Number of years of direct and/or related working experience
- Technical qualifications (Academic and Professional Associations)
- Relevant experience by project

C. Pricing

APPENDIX B

Miscellaneous Design Services
 Proposal Evaluation Summary
 Proposal No.: P11PB21057
 CONTRACT G85-401

COMPANY NAME	GRAND TOTAL WEIGHTED SCORE	RANKING
QUALIFIED PROPONENTS		
ACHIEVING A SCORE OF 49.00 POINTS OR MORE BASED ON QUALITATIVE EVALUATION		
AECOM Canada Ltd. (AECOM) (*)	86.90	1
CIMA Canada Inc. (CIMA+) (*)	85.04	2
WSP Canada Inc. (*)	84.75	3
Stantec Consulting Ltd.	80.69	4
LEA Consulting Ltd.	78.99	5
IBI Group Professional Services (Canada) Inc. (IBI Group)	74.66	6
NON-QUALIFIED PROPONENTS		
ACHIEVING A SCORE OF LESS THAN 49.00 POINTS BASED ON QUALITATIVE EVALUATION		
(listed alphabetically)		
CH2M HILL Canada Limited	N/A	N/A
Entuitive	N/A	N/A
EXP Services Inc.	N/A	N/A
GEC Architecture	N/A	N/A
HDR Corporation	N/A	N/A
NORR Architects & Engineers Limited	N/A	N/A
Stephenson Engineering Limited	N/A	N/A
Wood Environment & Infrastructure Solutions, a Division of Wood Canada Limited	N/A	N/A