



Miscellaneous Design Services

Date: September 24, 2020
To: TTC Board
From: Chief Capital Officer

Summary

The purpose of this report is to obtain authorization for the award of Contract G85-394 for Miscellaneous Design Services, in the upset limit amount of \$25,000,000.00 in Canadian funds, inclusive of all taxes, with a duration of four years from the Notification of Award, on the basis of the highest total weighted scores to the following companies:

- | | |
|---|----------------|
| • CIMA Canada Inc. | \$5,000,000.00 |
| • AECOM Canada Ltd. | \$5,000,000.00 |
| • Wood Environment & Infrastructure Solutions,
a Division of Wood Canada Limited | \$5,000,000.00 |
| • WSP Canada Inc. | \$5,000,000.00 |
| • Morrison Hershfield Limited | \$5,000,000.00 |

Total Overall Upset Limit Amount:	\$25,000,000.00
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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 on an as-required basis on approved capital projects over a period of four years.

Recommendations

It is recommended that the Board:

1. Authorize the award of Contract G85-394 for Miscellaneous Design Services, in the upset limit amount of \$25,000,000.00 in Canadian funds, inclusive of all taxes, with a duration of four years from the Notification of Award, on the basis of the highest total weighted scores to the following companies:

CIMA Canada Inc. (CIMA+)	\$5,000,000.00
AECOM Canada Ltd. (AECOM)	\$5,000,000.00
Wood Environment & Infrastructure Solutions, a Division of Wood Canada Limited (Wood)	\$5,000,000.00
WSP Canada Inc. (WSP)	\$5,000,000.00
Morrison Hershfield Limited (Morrison)	\$5,000,000.00
 Total Overall Upset Limit Amount	 \$25,000,000.00

Financial Summary

Sufficient funds are included in the TTC's 2020-2029 approved Capital Budget and Plan for various capitals projects including, but not limited to, projects related to garage and other 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. 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 2020-2029 Capital Budget and Plan.

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.

Contract Year	Consultant					Totals Upset Limit
	CIMA+	AECOM	Wood	WSP	Morrison	
Sep-Dec 2020	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
2021	\$1,250,000	\$1,250,000	\$1,250,000	\$1,250,000	\$1,250,000	\$6,250,000
2022	\$1,250,000	\$1,250,000	\$1,250,000	\$1,250,000	\$1,250,000	\$6,250,000
2023	\$1,250,000	\$1,250,000	\$1,250,000	\$1,250,000	\$1,250,000	\$6,250,000
Jan-Sep 2024	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000
Consultant Total Value	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$25,000,000

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 all our customers. This is supported through the work of Contract G85-394 for Miscellaneous Design Services.

Decision History

There is no decision history on this matter.

Issue Background

The Engineering, Construction and Expansion (EC&E) Group is responsible for the delivery of project work as part of a multi-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 to provide design and engineering services for all phases of the project work. Assignments under this contract will typically be short duration, small scale (typically \$100,000-\$500,000), 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 may not be limited to:

- Condition assessments and surveys;
- Designs for renovations to facilities (e.g. modifications to functional/operational areas within a subway station, garage or carhouse facility/yard);
- Designs for retrofit/upgrades of equipment or systems (e.g. fire alarm, lighting, hoists, overheads doors, HVAC, roofing, paving, etc.); and
- Peer review studies.

The consultants will submit work plans for individual work assignments. The work plans will be evaluated and the assignment will be awarded to the lowest-priced, acceptable proposal. Large multi-million-dollar design services type contracts will continue to be procured separately.

Comments

A Request for Proposal (RFP) was publicly advertised on the Merx website as well as the TTC's website as of March 4, 2020. A total of 44 companies downloaded copies of the proposal documents, out of which 18 submitted proposals by the closing date of May 19, 2020. There were five addenda issued during the bidding period. The proposal validity expires on October 16, 2020.

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.

An evaluation team consisting of three 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 five highest total weighted scores. The evaluation of proposals was based on a two-envelope process and consisted of 50.00 points allocated to the qualitative merit and 50.00 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 35.00 points out of the maximum 50.00 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.

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

AECOM, CIMA+, Morrison, Wood and WSP had the highest total weighted scores and are recommended for award of contracts. All five 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

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APPENDIX A

Miscellaneous 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
 - 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)
 - Capsule CV description/relevant experience by project

- C. Pricing

APPENDIX B

Miscellaneous Design Services
 Proposal Evaluation Summary
 Proposal No.: P11PF20329
 CONTRACT G85-394

COMPANY NAME	GRAND TOTAL WEIGHTED SCORE	RANKING
QUALIFIED PROPONENTS ACHIEVING A SCORE OF 35.00 POINTS OR MORE BASED ON QUALITATIVE EVALUATION		
CIMA Canada Inc. (CIMA+) (*)	84.94	1
AECOM Canada Ltd. (*)	83.41	2
Wood Environment & Infrastructure Solutions, a Division of Wood Canada Limited (*)	82.13	3
WSP Canada Inc. (*)	79.84	4
Morrison Hershfield Limited (*)	79.69	5
EXP Services Inc.	79.08	6
NORR Architects & Engineers Limited	75.35	7
IBI Group Professional Services (Canada) Inc. (IBI Group)	73.16	8
HDR Corporation	71.93	9
NON-QUALIFIED PROPONENTS ACHIEVING A SCORE OF LESS THAN 35.00 POINTS BASED ON QUALITATIVE EVALUATION (listed alphabetically)		
CH2M HILL Canada Limited	N/A	N/A
Gannett Fleming Canada ULC	N/A	N/A
GEC Architecture	N/A	N/A
Hatch Ltd.	N/A	N/A
LEA Consulting Ltd.	N/A	N/A
Mott MacDonald Canada Ltd.	N/A	N/A
SNC-Lavalin Inc.	N/A	N/A
Stantec Consulting Ltd.	N/A	N/A
WZMH Architects	N/A	N/A