

The Regional Municipality of York

Committee of the Whole
Transportation Services
May 13, 2021

Report of the Acting Commissioner of Transportation Services

Award of Consulting Engineering Services for McCowan Road 14th Avenue to Highway 7 City of Markham

1. Recommendations

1. Council approve award of contract for consulting engineering services for the detailed design of improvements to McCowan Road (Y.R. 67), from 14th Avenue (Y.R. 71) to Highway 7 (Y.R. 7), in the City of Markham, to AECOM Canada Ltd., pursuant to Request for Proposal P-20-105, at a total cost of \$2,780,111.80, excluding HST.
2. The Commissioner of Transportation Services be authorized to execute the contract on behalf of the Region.

2. Summary

This report seeks Council approval of award of contract to AECOM Canada Ltd., for consulting engineering services for the detailed design of McCowan Road improvements, from 14th Avenue to Highway 7, in the City of Markham, under Request for Proposal (RFP) P-20-105.

The Region's current Purchasing Bylaw (2017-30) requires Council authorization to award RFPs where the total cost exceeds \$2,000,000.

Key Points:

- Construction of McCowan Road, from 14th Avenue to Highway 7, is planned to begin in 2026
- Request for Pre-Qualification PQ-20-70 was completed, and three consultants were invited to submit proposals for the detailed design assignment under RFP P-20-105
- The proposal submitted by AECOM Canada Ltd., achieved the lowest cost per technical point and as such, AECOM Canada Ltd. is the successful proponent pursuant to the requirements of the RFP and terms of the Region's Purchasing Bylaw

3. Background

A Class Environmental Assessment study for McCowan Road from Steeles Avenue to Major Mackenzie Drive is complete

McCowan Road is a major north-south corridor in the Region. The Class Environmental Assessment study for McCowan Road from Steeles Avenue to Major Mackenzie Drive examined opportunities to maximize people-moving capacity on the corridor through widening, to accommodate additional lanes and active transportation facilities.

The study began in January 2017 and is expected to be finalized in summer 2021. The recommendation is to widen McCowan Road to six lanes, including streetscaping, illumination and active transportation facilities.

The widening of McCowan Road from 14th Avenue to Highway 7 is planned to begin in 2026

As identified in the Region's 2021 10-Year Roads and Transit Capital Construction Program, the Region is planning to widen the section of McCowan Road, from 14th Avenue to Highway 7, beginning in 2026. This section was prioritized due to its location providing access to and from Highway 7 and 407ETR. The Region therefore needs to procure the services of a design consultant to undertake the detailed design of this project.

4. Analysis

The Region issued a Request for Pre-Qualification for detailed design and engineering services for various road improvement projects

In May 2020, Request for Pre-Qualification PQ-20-70 was issued for eight assignments, including the detailed design of McCowan Road from 14th Avenue to Highway 7. Twenty-three firms expressed interest. The submissions were evaluated in August 2020 and the top six firms were pre-qualified:

- AECOM Canada Ltd.
- CIMA Canada Inc.
- Parsons Inc.
- SNC Lavalin Inc.
- Stantec Consulting Ltd.
- WSP Canada Group Limited

As outlined in the pre-qualification document, three of the six pre-qualified firms were invited to submit a proposal for this assignment and the remaining three pre-qualified firms were invited to submit a proposal for other assignments.

The three firms invited to submit a proposal for this assignment are:

- AECOM Canada Ltd.
- CIMA Canada Inc.
- SNC Lavalin Inc.

The Region issued a Request for Proposal for detailed design and engineering services for McCowan Road, from 14th Avenue to Highway 7

In March 2021, RFP P-20-105 was issued to three pre-qualified proponents and all three submitted proposals. The Request for Proposal procurement approach was determined to be appropriate given the importance of assessing proponents' understanding of the work, the Region's requirements and expectations, and the proponents' proposed method of delivering the work. A request for tender is the preferred procurement method for work where the tasks, deliverables and approach are clearly defined and where the contract is awarded to the lowest cost responsive bidder.

Proposals were evaluated using a two-envelope system with a weighting of 80% for the technical component and 20% for the financial component. The proponents had to achieve a minimum score of 48 points out of 80 in the technical component to proceed to the next step to have their financial envelopes opened. All three firms met this criterion.

The Region's proposal evaluation team reviewed the technical proposals based on the evaluation criteria listed in P-20-105, including:

- A thorough understanding of the overall project requirements, identifying the key design challenges, project risks and deliverables
- Identifying/engaging the project stakeholders and minimizing impacts to the public
- Understanding of the project schedule considering not only the design deliverables, but also the acquisition of property, permits and agreements, and relocation of utilities.
- Ability to manage the overall project to meet the Region's timelines, and provide quality deliverables in a timely manner

The proposals were evaluated in accordance with Regional policy, bylaws and practices. The proponents, technical and financial scores and proposed upset limit fees are shown in Table 1.

Table 1
Evaluation Summary

Firm	Technical Score (80%)	Financial Score (20%)	Total Score (100%)	Upset Limit Fee (excluding HST)	Cost per Technical Point
AECOM Canada Ltd.	55.6	20.0	75.6	\$2,780,111.80	\$49,993.02
SNC Lavalin	62.5	16.5	79.0	\$3,367,717.00	\$53,883.47
CIMA Canada Inc.	52.0	15.4	67.4	\$3,605,674.30	-

The proposal from AECOM Canada Ltd. achieved the lowest cost per technical point in response to Request for Proposal P-20-105

AECOM Canada Ltd. is the successful proponent pursuant to the requirements of the RFP and terms of the Region's Purchasing Bylaw. Where two or more proposals are within five points of the highest total score, the contract is awarded to the proponent that achieved the lowest cost per technical point.

Awarding the assignment to AECOM Canada Ltd. represents the best value for the Region as their proposal has the lowest cost per technical point.

5. Financial

The upset limit fee submitted by AECOM Canada Ltd., for consulting engineering services is \$2,780,111.80, excluding HST.

Funds are available in the approved 2021 Capital Budget. All expenditures for this assignment will be funded from 90% development charges and 10% tax levy.

6. Local Impact

The design assignment should have minimal impact on local businesses, traffic and pedestrians, and will be limited to short duration lane closures for pre-construction field investigation work.

Throughout the course of this assignment, Regional staff will work with staff from the City of Markham, Ministry of Transportation and 407ETR to address any local municipal infrastructure requirements.

7. Conclusion

Proposals from three firms were evaluated in accordance with Regional policy, bylaws and practices. The proposal submitted by AECOM Canada Ltd. achieved the lowest cost per technical point and is the successful proponent pursuant to the requirements of the Request for Proposal and terms of the Region's Purchasing Bylaw.

It is recommended the contract for consulting engineering services for the detailed design of McCowan Road improvements, from 14th Avenue to Highway 7, in the City of Markham, be awarded to AECOM Canada Ltd., as the successful proponent under Request for Proposal P-20-105, for a total cost of \$2,780,111.80, excluding HST.

For more information on this report, please contact Salim Alibhai, Director of Capital Planning and Delivery at 1-877-464-9675 ext. 75229. Accessible formats or communication supports are available upon request.

Recommended by:



Ann-Marie Carroll

Acting Commissioner of Transportation Services

Approved for Submission:



Bruce Macgregor

Chief Administrative Officer

April 22, 2021
Attachment (1)
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