

The Regional Municipality of York

Committee of the Whole
Transportation Services
October 14, 2021

Report of the Commissioner of Transportation Services

Award of Consulting Engineering Services for 16th Avenue Woodbine Avenue to Kennedy Road City of Markham

1. Recommendations

1. Council approve award of contract for consulting engineering services for detailed design of improvements to 16th Avenue (Y.R. 73), from Woodbine Avenue (Y.R. 08) to Kennedy Road (Y.R. 3) in the City of Markham, to SNC Lavalin Inc., pursuant to Request for Proposal P-306-21, at a total cost of \$5,873,365, 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 SNC Lavalin Inc. for consulting engineering services for the detailed design of 16th Avenue improvements, from Woodbine Avenue to Kennedy Road, in the City of Markham, under Request for Proposal (RFP) P-306-21.

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

Key Points:

- Widening and reconstruction of 16th Avenue from Woodbine Avenue to Warden Avenue is planned to begin in 2025, and 16th Avenue from Warden Avenue to Kennedy Road in 2028
- Request for Pre-Qualification PQ-20-70 was completed, and three consultants were invited to submit proposals for the detailed design assignment under RFP-306-21
- The proposal submitted by SNC Lavalin Inc. achieved the highest total score and as such is the successful proponent pursuant to the requirements of the RFP and the terms of the Region's Purchasing Bylaw

3. Background

A Class Environmental Assessment study for 16th Avenue from Woodbine Avenue to York/Durham Line was completed in August 2020

The study recommended improvements to 16th Avenue, including widening to six lanes from Woodbine Avenue to McCowan Road to accommodate Transit/High Occupancy Vehicle lanes and new cycling and pedestrian facilities.

Widening and reconstruction of 16th Avenue from Woodbine Avenue to Kennedy Road is planned to begin in 2025

The widening of 16th Avenue from Woodbine Avenue to Kennedy Road is identified in the Region's 2021 10-Year Roads and Transit Capital Construction Program. Widening and reconstruction of 16th Avenue from Woodbine Avenue to Warden Avenue is planned to begin in 2025 and 16th Avenue from Warden Avenue to Kennedy Road in 2028. Improvements are required to support approved redevelopment of the York Downs golf course, currently underway on the north side of 16th Avenue.

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 16th Avenue improvements from Woodbine Avenue to Kennedy Road. 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 were:

- CIMA Canada Inc.
- Parsons Inc.
- SNC Lavalin Inc.

The Region issued a Request for Proposal for detailed design and engineering services for 16th Avenue from Woodbine Avenue to Kennedy Road

In June 2021, RFP-306-21 was issued to the three pre-qualified firms 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 and the Region's requirements and expectations. 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 RFP-306-21, 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)
SNC Lavalin Inc.	69.49	13.61	83.10	\$5,873,365.00
Parsons Inc.	48.18	20.00	68.18	\$3,997,559.50
CIMA Canada Inc.	50.56	14.46	65.02	\$5,527,455.40

The proposal from SNC Lavalin Inc. achieved the highest score in response to Request for Proposal P-306-21

The proposal from SNC Lavalin Inc. achieved the highest total score and as such, is the successful proponent pursuant to the requirements of the RFP and the terms of the Region’s Purchasing Bylaw.

Through the evaluation of the technical proposals, SNC Lavalin Inc. received the highest technical score as they demonstrated a better understanding of the project and presented a comprehensive approach to undertake the work. SNC Lavalin Inc. was pre-qualified, met the technical requirements, has extensive experience and is capable of delivering this work.

Awarding the assignment to SNC Lavalin Inc. represents the best value for the Region, as the assignment has been competitively procured and their proposal received the highest technical score.

5. Financial

The upset limit fee submitted by SNC Lavalin Inc. for consulting engineering services is \$5,873,365, excluding HST.

Sufficient funds are available in 2021 and future Transportation Services Capital Budget. All expenditures for this assignment will be funded from 90% development charges and 10% tax levy.

6. Local Impact

Throughout the course of this assignment, Regional staff will work with staff from the City of Markham 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 SNC Lavalin Inc. achieved the highest score and is the successful proponent pursuant to the requirements of the Request for Proposal and the terms of the Region's Purchasing Bylaw.

It is recommended the contract for consulting engineering services for the detailed design of 16th Avenue from Woodbine Avenue to Kennedy Road, in the City of Markham, be awarded to SNC Lavalin Inc. as the successful proponent under Request for Proposal P-306-21 for a total cost of \$5,873,365, 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

September 22, 2021

Attachment (1)

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