

The Regional Municipality of York

Committee of the Whole
Transportation Services
January 14, 2021

Report of the Commissioner of Transportation Services

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

1. Recommendations

1. Council approve award of contract for consulting engineering services for Kennedy Road (Y.R. 3), from 14th Avenue (Y.R. 71) to Highway 7 (Y.R. 7), in the City of Markham, to SNC Lavalin Inc., pursuant to Request for Proposal P-20-106, at a total cost of \$4,137,717.33, 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 to award the contract to SNC Lavalin Inc. for consulting engineering services for the detailed design of Kennedy Road improvements, from 14th Avenue to Highway 7, under Request for Proposal (RFP) P-20-106.

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 Kennedy Road, from 14th Avenue to Highway 7, is programmed to begin in 2023
- 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-20-106
- 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 Kennedy Road from Steeles Avenue to Major Mackenzie Drive is nearing completion

Kennedy Road is a major north-south corridor in the Region. The Transportation Master Plan (updated in 2016) identifies the need for capacity improvements along Kennedy Road. A Class Environmental Assessment study for Kennedy Road from Steeles Avenue to Major Mackenzie Drive is underway to examine opportunities to maximize people-moving capacity on the corridor through widening to accommodate additional lanes and active transportation facilities.

The study commenced in February 2017 and is nearing completion. The recommendation is to widen Kennedy Road to six lanes, including streetscaping, illumination and active transportation facilities.

The widening of Kennedy Road, from 14th Avenue to Highway 7 is programmed to begin in 2023

As identified in the Region's 2020 10-Year Roads and Transit Capital Construction Program, the Region is planning to widen the section of Kennedy Road, from 14th Avenue to Highway 7, beginning in 2023. This section was prioritized due to its location providing access to and from Highway 7 and Highway 407. Therefore, the Region 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 Kennedy Road, 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 Kennedy Road, from 14th Avenue to Highway 7

In October 2020, RFP P-20-106 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 the proponent's understanding of the work, the Region's requirements and expectations, and the proponent's proposed method of delivering the work. A request for tender is the preferred procurement approach 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 of having their financial envelopes opened.

The Region's proposal evaluation team reviewed the technical proposals based on the evaluation criteria listed in P-20-106, 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
- Their understanding of the project schedule taking into account, not only the design deliverables, but the acquisition of property, relocation of utilities and acquisition of permits and agreements
- Their ability to manage the overall project to meet the Regions timelines, and provide quality deliverables in a timely manner

The proposals were evaluated in accordance with Regional policy, bylaws and practices. The proponents, their 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.	60.99	13.75	74.74	\$4,137,717.33
AECOM Canada Ltd.	49.31	20.00	69.31	\$2,844,403.00
CIMA Canada Inc.	48.46	14.98	63.44	\$3,796,989.57

The proposal from SNC Lavalin Inc. achieved the highest total score in response to Request for Proposal P-20-106

Evaluation of the technical proposals determined that SNC Lavalin Inc. demonstrated a thorough understanding of the project and presented a comprehensive approach to undertake the work. The proposal submitted by SNC Lavalin also had the highest price.

The SNC Lavalin Inc. proposal generally rated higher than the other proponents in most evaluation criteria. Some notable differences between the proponents include:

- SNC Lavalin Inc. clearly demonstrated understanding of the project tasks and scheduling requirements and how the project schedule would be maintained
- SNC Lavalin Inc. demonstrated a better understanding of how the project will be managed and delivered, including allocating appropriate project management resources

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.

5. Financial

The upset limit fee submitted by SNC Lavalin Inc. for consulting engineering services is \$4,137,717.33, excluding HST.

Funds are available in the approved 2020 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 SNC Lavalin Inc. achieved the highest score and is the successful proponent pursuant to the requirements of the RFP and the terms of the Region's Purchasing Bylaw.

It is recommended the contract for consulting engineering services for the detailed design of Kennedy Road improvements, from 14th Avenue to Highway 7, be awarded to SNC Lavalin Inc., as the successful proponent under Request for Proposal P-20-106, for a total cost of \$4,137,717.33, 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: **Paul Jankowski**
Commissioner of Transportation Services

Approved for Submission: **Bruce Macgregor**
Chief Administrative Officer

December 11, 2020
Attachment (1)
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