

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 Bayview Avenue Highway 7 to 16th Avenue City of Richmond Hill

1. Recommendations

1. Council approve award of contract for consulting engineering services for detailed design for improvements to Bayview Avenue (Y.R. 34), from Highway 7 (Y.R. 07) to 16th Avenue (Y.R. 72), in the City of Richmond Hill, to Stantec Consulting Limited, pursuant to Request for Proposal P-20-218, at a total cost of \$2,372,652.20, 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 Stantec Consulting Limited (Stantec) for consulting engineering services for the detailed design of Bayview Avenue improvements, from Highway 7 to 16th Avenue, in the City of Richmond Hill, under Request for Proposal (RFP) P-20-218.

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 Bayview Avenue from Highway 7 to 16th Avenue is planned to begin in 2025
- Request for Pre-Qualification PQ-20-70 was completed, and three consultants were invited to submit proposals for the detailed design assignment under Request for Proposal (RFP) P-20-218
- The proposal submitted by Stantec achieved the highest total score and lowest cost per technical point and as such, Stantec 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 Bayview Avenue from Steeles Avenue to Elgin Mills Road was completed in August 2017

A Class Environmental Assessment study was initiated in April 2015 to review Bayview Avenue from Steeles Avenue to Elgin Mills Road.

The study, completed in August 2017, recommended Bayview Avenue be widened to six lanes from Highway 7 to 16th Avenue with High Occupancy Vehicle / Transit lanes and active transportation facilities.

Widening and reconstruction of Bayview Avenue from Highway 7 to 16th Avenue is planned to begin in 2025

As identified in the Region's 2021 10-Year Roads and Transit Capital Construction Program, the Region is planning to widen and reconstruct Bayview Avenue from Highway 7 to 16th Avenue beginning in 2025. As this section has been prioritized to support transportation needs and growth, the Region needs to procure the services of a design consultant to undertake the detailed design of this project to prepare a tender package for construction.

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 Bayview Avenue improvements from Highway 7 to 16th Avenue. 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 will be invited to submit a proposal for other assignments.

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

- Parsons Inc.
- Stantec Consulting Ltd.
- WSP Canada Group Limited

The Region issued a Request for Proposal for detailed design and engineering services for Bayview Avenue from Highway 7 to 16th Avenue

On February 17, 2021, RFP P-20-218 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. Only Stantec Consulting Ltd. and WSP Canada Group Limited met this criterion.

The Region's proposal evaluation team reviewed the technical proposals based on the evaluation criteria listed in P-20-218, 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 |
|--------------------------|-----------------------------|-----------------------------|--------------------------|------------------------------------|--------------------------------|
| Stantec Consulting Ltd. | 56.8 | 20.0 | 76.8 | \$2,372,652.20 | \$41,808.85 |
| WSP Canada Group Limited | 57.1 | 19.4 | 76.5 | \$2,445,951.00 | \$42,866.30 |

The proposal from Stantec Consulting Ltd. achieved the lowest cost per technical point in response to Request for Proposal P-20-218

Stantec 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 achieves the lowest cost per technical point. Stantec’s proposal has the lowest cost per technical point.

Awarding the assignment to Stantec represents the best value for the Region as their proposal received the highest total score and has the lowest cost per technical point.

5. Financial

The upset limit fee submitted by Stantec for consulting engineering services is \$2,372,652.20, 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

Throughout the course of this assignment, Regional staff will work with staff from the City of Richmond Hill 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 Stantec Consulting Ltd. achieved the highest total

score and 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 Bayview Avenue from Highway 7 to 16th Avenue, in the City of Richmond Hill, be awarded to Stantec Consulting Ltd. as the successful proponent under Request for Proposal P-20-218, for a total cost of \$2,372,652.20, 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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