

Clause 6 in Report No. 1 of Committee of the Whole was adopted, without amendment, by the Council of The Regional Municipality of York at its meeting held on January 26, 2017.

6

Class Environmental Assessment for Nobleton Water and
Wastewater Servicing

Committee of the Whole recommends adoption of the following recommendations contained in the report dated December 21, 2016 from the Commissioner of Environmental Services:

1. Council approve the award of the contract for consulting services for the Class Environmental Assessment Study for Nobleton Water and Wastewater Servicing to Black & Veatch Canada Company, pursuant to Request for Proposal P-16-159 at a total cost of \$2,252,631, excluding HST, subject to the execution of the funding agreement authorized by Council in October 2016 and the receipt of all required funds by the Region in accordance with the funding agreement.
2. Council approve the Capital Spending Authority increase from the currently approved amount of \$1,950,000 to \$2,252,631, excluding HST, subject to execution of the funding agreement with the developer group comprised of Star Westview Inc. (Treasure Hill) and Crisdan Holdings Inc. (Mozaik).
3. The Commissioner of Environmental Services be authorized to execute the contract on behalf the Region.

Report dated December 21, 2016 from the Commissioner of Environmental Services now follows:

1. Recommendations

It is recommended that:

1. Council approve the award of the contract for consulting services for the Class Environmental Assessment Study for Nobleton Water and Wastewater Servicing to Black & Veatch Canada Company, pursuant to Request for Proposal P-16-159 at a total cost of \$2,252,631, excluding

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HST, subject to the execution of the funding agreement authorized by Council in October 2016 and the receipt of all required funds by the Region in accordance with the funding agreement.

2. Council approve the Capital Spending Authority increase from the currently approved amount of \$1,950,000 to \$2,252,631, excluding HST, subject to execution of the funding agreement with the developer group comprised of Star Westview Inc. (Treasure Hill) and Crisdan Holdings Inc. (Mozaik).
3. The Commissioner of Environmental Services be authorized to execute the contract on behalf the Region.

2. Purpose

This report seeks Council approval to enter into a contract with Black & Veatch Canada Company for a Class Environmental Assessment Study for Nobleton Water and Wastewater Servicing under Request for Proposal P-16-159.

The Region's Purchasing Bylaw requires Council authorization to award Request for Proposals over \$2,000,000 or when the recommended proponent is not the lowest cost. In this case, the recommended proponent has submitted a bid that is greater than \$2,000,000.

3. Background and Previous Council Direction

King Township approved population growth within the existing Nobleton urban boundary

On May 30, 2016, Township of King Council adopted the King Township Official Plan Review report, which revised the population target for the existing Urban Area Boundary of Nobleton from 6,590 up to 10,500 persons by 2041. The revised population target is a result of approval and construction of higher-than-anticipated development densities within the existing Urban Area Boundary. Increasing the population target will allow build-out of the lands within the existing Urban Area Boundary of Nobleton. It should be noted that no expansion of the existing Nobleton Urban Area Boundary is proposed or contemplated by King Township or York Region.

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An Environmental Assessment is required to determine the preferred alternative to expand Regional water and wastewater infrastructure in Nobleton

Sufficient wastewater and water servicing capacity is required to service the proposed population increase in the Nobleton Community. King Township Council requested that the Region determine how to accommodate the proposed population increase. An Environmental Assessment is required to determine whether expansion of the Nobleton Water Resource Recovery Facility and water infrastructure is possible, and to identify a preferred alternative to best meet servicing requirements.

Council authorized an agreement with developers to fund the cost of the Environmental Assessment

Expansion of the Nobleton Water Resource Recovery Facility and water infrastructure is not included in the Region's 10 Year Capital Plan or Development Charge Bylaw. However, Council authorized an agreement with Star Westview Inc. (Treasure Hill) and Crisdan Holdings Inc. (Mozaik), the developer group, to advance funding required to complete an Environmental Assessment for the potential expansion of the Nobleton Water Resource Recovery Facility and associated water infrastructure. This agreement is described in a report endorsed by Council on [October 20, 2016](#). A representative from the developer group was present during the technical proposal evaluation and the interview evaluation process.

4. Analysis and Implications

Request for Proposal P-16-159 was issued on October 28, 2016

In accordance with the Region's Purchasing Bylaw, Request for Proposal P-16-159 for Consulting Services for the Class Environmental Assessment for Nobleton Water and Wastewater Servicing was issued to interested proponents on October 28, 2016. The Request for Proposal P-16-159 was advertised on Bidding.com and on the Regional Bids and Tenders Website.

Request for Proposal P-16-159 detailed the scope of work that included the following services:

- Conduct a Municipal Class Environmental Assessment Study as per Ontario *Environmental Assessment Act*, Municipal Class Environmental Assessment Manual (Municipal Engineers Association), and the York

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Region Environmental Services Capital Planning and Delivery Consultant
Requirements Manual

- Prepare engineering studies including System Capacity Optimization, Hydraulic Analysis, and a Needs Assessment and Justification Study of existing water and wastewater infrastructure
- Conduct an Assimilative Capacity Study and Receiver Evaluation to determine total phosphorus limits for the Humber River, and possible required total phosphorus off-setting
- Review existing inflow and infiltration reports and analysis completed by the Region and other consultants
- Evaluate options for expanding and optimizing existing water and wastewater infrastructure
- Develop full life-cycle cost estimates for wastewater treatment technology options and preferred alternatives
- Apply innovative wastewater technologies and evaluation through pilot studies including, but not limited to, phosphorus removal
- Promote public engagement and communications including public consultation centres, advisory committees, and consultation with local utilities
- Conduct effective public consultation meetings to exceed Class Environmental Assessment requirements
- Hold regular project management status review meetings with the Region and monitor progress on budget, schedule, work plan and forecast upcoming milestones

Five consulting firms submitted proposals for this assignment:

- Black & Veatch Canada Company
- XCG Consulting Limited
- Hatch Corporation
- CH2M HILL Canada Limited
- WSP Canada Incorporated

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Proposals were evaluated using a two-envelope system with an interview component

Proposals were evaluated using the two-envelope system, with technical and financial information submitted in separate envelopes. The process also included an interview component. The overall technical proposal score was evaluated based on a weighting of 70 points for the technical proposal; 10 points for interviews, and 20 points for the financial proposals. Technical proposals and interviews were evaluated prior to any knowledge of financial information.

Technical components of the proposal must achieve a minimum technical score of 60 per cent (42 points out of the potential 70 points) to move on to the interview component. If a proponent did not achieve this minimum technical score, they did not move on to the interview and their financial proposal was returned unopened.

The Region's proposal evaluation team reviewed five technical proposals based on the criteria listed in Request for Proposal P-16-159. The following three technical proposals advanced to the interview stage:

- Black & Veatch Canada Company
- XCG Consulting Limited
- Hatch Corporation

Proponents must achieve a minimum score of 60 per cent (6 points out of the potential 10 points) in the interviews. If a proponent did not achieve this minimum interview score, their financial proposal was returned unopened. The interview was critical and a stand-alone component of the evaluation process, as clearly stated in Section 3.2.3 of the Request for Proposal P-16-159.

The following two proponents were successful during the interviews:

- Black & Veatch Canada Company
- XCG Consulting Limited

Technical, interview and financial results are summarized in Table 1 below.

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Table 1
Consultant Proposal Evaluation Summary

Consulting Firm	Technical Score (Out of 70)	Interview Score (Out of 10)	Total Fee (\$) Excluding HST	Financial Score (Out of 20)	Total Score (Out of 100)
Black & Veatch Canada Company	49.80	7.22	2,252,631	20	77.02
XCG Consulting Limited	44.75	6.00	3,164,695	14.24	64.99
Hatch Corporation	47.80	4.48	N/A	N/A	N/A
CH2M HILL Canada Limited	37.40	N/A	N/A	N/A	N/A
WSP Canada Incorporated	37.10	N/A	N/A	N/A	N/A

Evaluation of proposals revealed Black & Veatch Canada Company achieved the highest total score

The proposal submitted by Black & Veatch Canada Company demonstrated a clear understanding of project requirements and provided an experienced team committed to working with Regional staff. The proposal submitted by Black & Veatch Canada Company represents the best value for the Region as it demonstrates a thorough understanding of the project and provides an appropriate level of effort to complete this undertaking.

Supplies and Services Branch reviewed the evaluation summary and recommended Black & Veatch Canada Company as the successful overall proponent to undertake the Schedule C Class Environmental Assessment for Nobleton Water and Wastewater Servicing.

5. Financial Considerations

The fee for this proposed work is \$2,252,631, excluding HST. Funding for this project will be allocated through the prepaid development charge credit agreement with Star Westview Inc. (Treasure Hill) and Crisdan Holdings Inc. (Mozaik).

There is adequate budget and Capital Spending Authority in the 2017 approved water and wastewater growth capital program to award this work.

6. Local Municipal Impact

The Class Environmental Assessment for Nobleton Water and Wastewater Servicing is required to facilitate the servicing and build-out of the subdivision plans within the community of Nobleton.

7. Conclusion

Five proposals from consulting firms were received and evaluated for this project in accordance with the Region's Purchasing Bylaw. The proposal submitted by Black & Veatch Canada Company represents the best overall value for the Region.

Staff recommends the award of contract for consulting services for the Class Environmental Assessment Study for Nobleton Water and Wastewater servicing to Black & Veatch Canada Company, pursuant to Request for Proposal P-16-159 for a total cost of \$2,252,631, excluding HST.

For more information on this report, please contact Mike Rabeau, Director, Capital Planning and Delivery, Environmental Services at 1-877-464-9675 ext. 75157.

The Senior Management Group has reviewed this report.

December 21, 2016

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Accessible formats or communication supports are available upon request.