



# TOWNSHIP OF NORTH HURON

# REPORT

Item No.

**REPORT TO:** Reeve Vincent and Members of Council  
**PREPARED BY:** Jeff Molenhuis  
**DATE:** 15/05/2017  
**SUBJECT:** Results for Howson Dam – Dam Safety Assessment RFP  
**ATTACHMENTS:** NONE

### RECOMMENDATION:

THAT the Council of the Township of North Huron hereby receive the Howson Dam – Dam Safety Assessment RFP Results;

AND FURTHER THAT Council award RFP 2017-004 to KGS Group Consulting Engineers at a total estimated fee of \$79,592 (excluding HST) being the highest scoring proposal received.

### EXECUTIVE SUMMARY

Request for Proposal RFP 2017-004 Consulting Services for the Howson Dam – Dam Safety Assessment was issued to acquire the necessary consulting services to undertake a Dam Safety Assessment, including Phase 1 and 2 of the project being structure hazard potential classification, intake design flood determination and spillway capacity analysis. The RFP also outlined preliminary stability analysis and rehabilitation feasibility as provisional in Phase 3 and 4 of the project, to be executed at Township direction following completion of the first two phases. This project was identified in the Roads department 2017 Capital Budget.

The RFP was circulated to the firms that provided proposals for RFP 2016-001 for the Howson Dam Environmental Assessment, which was a total of 7 potential bidders. Formal responses were provided by 3 bidders. Township staff reviewed and scored the proposals based on the scoring tool that was included in the RFP. The scoring tool is as follows:

ITEM	DESCRIPTION	AVAILABLE POINTS
1	CORPORATE QUALIFICATIONS & EXPERIENCE	5
2	PROJECT TEAM	5
3	APPROACH AND METHODOLOGY	30
4	QUALITY ASSURANCE & CONTROL	10
5	SCHEDULE & WORK PLAN	10
6	PROPOSED FEE	40
<b>TOTAL POINTS AVAILABLE</b>		<b>100</b>

The fees of the proposals received varied from \$79,592 to \$99,099, excluding HST. The scoring results from the evaluation are summarized below.

<b>PROPONENT</b>	<b>LOCATION</b>	<b>PRICE (no HST)</b>	<b>RFP SCORE</b>
KGS Group Consulting Engineers	Mississauga, ON	\$79,592	77
DM Willis Associates Limited	Peterborough, ON	\$83,690	75
Hatch	Niagara Falls, ON	\$99,099	64

KGS was the highest scoring proposal submitted, had a comprehensive work plan relative to the scope of work anticipated for this project and was the lowest bid. The cost from this consultant is \$79,592 excluding HST. Therefore, it is staff's recommendation that KGS be retained for this assignment.

**DISCUSSION**

The proposal format asked proponents to provide a work plan for four phases of the project, as follows:

- 1) Phase 1 – HPC and IDF Analysis
- 2) Phase 2 – Breach Analysis
- 3) Phase 3 – Preliminary Stability Analysis (Provisional)
- 4) Phase 3 (i) – Concrete Coring and Foundation Structural Sampling (Provisional)
- 5) Phase 4 – Rehabilitation Scope and Feasibility (Provisional)

Proponents were required to provide provisional costs for Phase 3, 3(i) and 4 such that the Township could assess the desire to move forward with these elements depending on Phase 1 and 2 results.

The recommended proponent's references were checked with respect to previous work experience with favourable responses.

**FINANCIAL IMPACT**

The 2017 Capital Budget contemplated \$100,000 for this assessment as well as anticipated elements of the EA potentially at the conclusion of this exercise. It will utilize funds from the Howson Dam reserve according to the approved 2017 budget. The original budget anticipated for this portion of work was in the order of \$60,000-\$80,000, so this recommendation falls within budget at \$80,992.82 including net HST.

It should be noted that Phase 1 and 2 costs on the recommended proposal are approximately \$35,000, so should the Township decide not to proceed with the remaining phases, the cost would be limited to around \$32,000.

**FUTURE CONSIDERATIONS**

Following award, the consultant will meet with staff and then commence field work to complete a site review and survey. This may require a short period of removal of the stop logs to bring the water level down enough for someone to access.

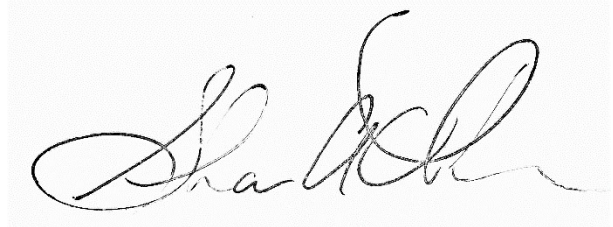
**RELATIONSHIP TO STRATEGIC PLAN**

Goal #2 of the Township Strategic Plan is for our residents to be engaged and well informed. Goal #3 is that our community is healthy and safe. Goal #4 is that our administration is fiscally responsible and strives for operational excellence. Goal #5 is that our natural environment is valued and protected.



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Jeff Molenhuis, Director of Public Works



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Sharon Chambers, CAO