



## **Board of Directors Meeting**

### **Addendum**

**Thursday, November 4, 2021 at 7:00 p.m.**

**This meeting will be held by WebEx videoconference.**

**The meeting can be viewed live on HCA's You Tube Channel:  
<https://www.youtube.com/user/HamiltonConservation>**

#### **10. Other Staff Reports/Memorandums**

10.2.1 Lake Ontario and Hamilton Harbour Shoreline Management Plan – Tender Results

10.3.1 Red Hill Creek Floodplain Mapping Study – Tender Results

10.4.1 Design, Supply and Installation of Permanent Public Safety Boom at Christie Lake Dam – Tender Results

# Report

**TO:** Board of Directors

**FROM:** Lisa Burnside, Chief Administrative Officer (CAO)

**RECOMMENDED:** T. Scott Peck, MCIP, RPP, Deputy Chief Administrative Officer/Director, Watershed Planning & Engineering

**PREPARED BY:** Jonathan Bastien, P. Eng, Water Resources Engineer  
Saifur Rahman, P. Eng, Project Engineer

**DATE:** November 4, 2021

**RE:** Request for Proposal – Addendum Tender Results–  
Lake Ontario and Hamilton Harbour Shoreline  
Management Plan

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## STAFF RECOMMENDATION

**THAT** the HCA staff recommends to the Board of Directors:

**THAT** the proposal for the Lake Ontario and Hamilton Harbour Shoreline Management Plan submitted by Zuzek Inc. be accepted at a cost not to exceed \$199,605.00 plus HST.

## BACKGROUND

As noted in the November 4, 2021 report titled “Request for Proposal - Lake Ontario and Hamilton Harbour Shoreline Management Plan”, a Request for Proposal for the Lake Ontario and Hamilton Harbour Shoreline Management Plan was developed and a call for proposals issued. Four proposals were submitted prior to the deadline of October 20, 2021 at 2pm which include a budget for the proposal:

Consultant	Budget
Baird	\$279,436 plus HST
Shoreplan	\$276,000 plus HST
WSP	\$295,710 plus HST
Zuzek Inc.	\$199,605 plus HST

## **STAFF COMMENT**

Based on review by engineering and planning staff of the proposals submitted, it is recommended that this project work be awarded to Zuzek Inc. for the following reasons:

- This consultant has experience in the preparation of lakeshore management plans, specifically for Lake Ontario.
- The submission addresses the project requirements as outlined in the request for proposal
- The consultant has experience doing similar projects for conservation authorities along the Lake Ontario shoreline.
- The submitted proposal represents the lowest quote.

# Report

**TO:** Board of Directors

**FROM:** Lisa Burnside, Chief Administrative Officer (CAO)

**RECOMMENDED:** T. Scott Peck, MCIP, RPP, Deputy Chief Administrative Officer/Director, Watershed Planning & Engineering

**PREPARED BY:** Jonathan Bastien, P. Eng, Water Resources Engineer  
Saifur Rahman, P. Eng, Project Engineer

**DATE:** November 4, 2021

**RE:** Request for Proposal – Addendum Tender Results– Red Hill Creek Floodplain Mapping Study

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## STAFF RECOMMENDATION

**THAT** the HCA staff recommends to the Board of Directors:

**THAT** the proposal for the Red Hill Creek Floodplain Mapping Study submitted by Aquafor Beech be accepted at a cost not to exceed \$106,030 plus HST.

## BACKGROUND

As noted in the November 4, 2021 report titled “Request for Proposal - Red Hill Creek Floodplain Mapping Study”, a Request for Proposal for the Red Hill Creek Floodplain Mapping Study was developed and a call for proposals issued. Six proposals were submitted prior to the deadline of October 21, 2021 at 2pm which include a budget for the proposal:

<b>Consultant</b>	<b>Budget</b>
AHYDTECH Geomorphic Ltd	\$102,320 plus HST
Aquafor Beech	\$106,030 plus HST
Exp	\$300,971.50 plus HST
Water’s Edge	\$134,469.80 plus HST
Wood	\$184,560 plus HST
WSP	\$99,549.67 plus HST

## **STAFF COMMENT**

Based on review by engineering staff of the proposals submitted, it is recommended that this project work be awarded to Aquafor Beech for the amount not exceeding \$106,030 plus HST for the following reasons:

- The submitted tender provides a clear scope of work which meets the requirements of the request for proposal
- The consulting team has significant experience conducting floodplain mapping projects, specifically for conservation authorities
- The submission provides the most cost-effective proposal in that topographic mapping is included in the price for the submitted tender which effectively makes the submission the lowest quote for the project.

# Report

**TO:** Board of Directors

**FROM:** Lisa Burnside, Chief Administrative Officer (CAO)

**RECOMMENDED:** T. Scott Peck, MCIP, RPP, Deputy Chief Administrative Officer/Director, Watershed Planning & Engineering

**PREPARED BY:** Jonathan Bastien, P. Eng, Water Resources Engineer  
Saifur Rahman, P. Eng, Project Engineer

**DATE:** November 4, 2021

**RE:** Request for Proposal – Addendum Tender Results–  
Design, Supply and Installation of Permanent Public  
Safety Boom Including Onshore and In-Water Anchors  
at Christie Lake Dam

## STAFF RECOMMENDATION

**THAT** the HCA staff recommends to the Board of Directors:

**THAT** the proposal for the Design, Supply and Installation of a Permanent Public Safety Boom Including Onshore and In-Water Anchors at Christie Lake Dam submitted by Geniglace Engineering be accepted at a cost not to exceed \$346,202.32 plus HST.

## BACKGROUND

As noted in the November 4, 2021 report titled “Request for Proposal - Design, Supply and Installation of Permanent Public Safety Boom Including Onshore and In-Water Anchors at Christie Lake Dam”, a Request for Proposal for the Design, Supply and Installation of a Permanent Public Safety Boom Including Onshore and In-Water Anchors at Christie Lake Dam was developed and a call for proposals issued. One proposal was submitted prior to the deadline of October 22, 2021 at 2pm which include a budget for the proposal:

<b>Consultant</b>	<b>Budget</b>
Geniglace Engineering	\$346,202.32 plus HST

## STAFF COMMENT

Based on review by engineering staff of the proposal submitted, it is recommended that this project work be awarded to Geniglace Engineering for the following reasons:

- The submission addresses the technical requirements for the safety boom as outlined in the request for proposal and the Public Safety Assessment completed for Christie Lake Dam.
- The budget for the project is \$200,000. The submitted tender is significantly above the budget for the project. However, funding of \$100,000 has been obtained for this project through the Province of Ontario Water Erosion Control Infrastructure (WECl) fund.
- Staff have spoken with provincial staff whom oversee the WECl program and they have indicated that additional funding may be available to supplement this project from other projects in the province. Further, other WECl projects at the HCA have come in under budget and the surplus from these projects will be allocated to the safety boom.
- There is sufficient funds within the Watershed Planning & Engineering reserve account to complete this project.
- The safety boom has been identified within the Christie Lake Dam Public Safety Assessment as a priority project to replace the existing boom which is at the end of its operational life. This is a priority safety project to ensure the safe operation of the Christie Lake Dam and the safety of conservation area visitors.