

# Grand River Conservation Authority

**Report number:** GM-11-24-87

**Date:** November 24, 2023

**To:** Members of the Grand River Conservation Authority

**Subject:** Shand Dam Isolation Stoplogs Procurement – Tender Award

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## Recommendation:

THAT the Grand River Conservation Authority award the contract for the Shand Dam Isolation Stoplog Procurement to Embertech Industrial Inc. for the amount of \$476,000 (excluding HST); AND THAT an overall project budget of \$523,600 (excluding HST) be approved for this project.

## Summary:

A public Tender for the Shand Dam Stoplog Procurement was posted publicly on Biddingo on Friday November 3, 2023. The GRCA received one (1) tender package prior to the bid closing on Wednesday November 15, 2023, and recommends award of the tender to Embertech Industrial Incorporated. The Embertech quotation package met all the submission requirements.

## Report:

The GRCA manages a large portfolio of water control structures. Annual inspections are performed at the structures and repair work is identified, then planned and prioritized as part of the 5 year budget forecasts. Inspections have identified the need for upcoming remedial work on the gates at Shand Dam. Hatch Limited has carried out design and specifications for fabrication and tender of stop logs on behalf of the GRCA. This project will carry out fabrication and supply of the stoplogs. The design calls for one set of seven (7) metal stop logs to fully isolate one of the four (4) dam sluices. The logs will be transferrable to all bays and allow for isolation to partial height to allow for work on more than one bay at a time. The gate sluices were constructed with isolation stop log gains, however the stoplogs were never supplied with the original construction of Shand Dam. The operations regime for the reservoir has been changed over the years and the reservoir is no longer drained down to allow work on the gate components. The currently identified need for use of the isolation stoplogs include gate recoating and refurbishing of seized rollers and worn roller path on the gates. A separate project will be carried out for the construction of a storage facility for the new isolation stoplogs. Refurbishment of the isolation stoplogs gains will be planned for 2024 to 2025 prior to installation of the new isolation stoplogs.

A Public Tender for fabrication and supply of seven metal isolation stoplogs was posted publicly on Biddingo on Friday November 3, 2023. A total of eleven companies picked up the digital tender documents. A bid was received by one company, and was opened following tender closing on Wednesday November 15, 2023, at 11:00 am at the GRCA Administration Office. The Tender Opening Committee consisted of the Manager of Water Infrastructure, Manager of Corporate Services, Infrastructure Engineer and Project Advisor.

Table 1 – Tender Summary

Contractor	Amount (Excluding HST)
Embertech Industrial Incorporated.	\$476,000.00

The tender documents were reviewed by Hatch Limited and meet all submission requirements. The constrained project schedule to meet provincial grant funding timelines, along with a busy market and a small number of specialized suppliers that can deliver this project may have led to the low number of bids received for this project. Although only one bid was received it is of the opinion of Hatch and GRCA staff that this bid is a fair and competitive price for the project. The proposed project cost by weight of steel is a reasonable price, and references for the supplier were interviewed to confirm that Embertech is able to bid competitively and offer good value on similar projects. The proposed bid cost will be covered within the existing project budget, with 50 percent funding approved through the provincial Water and Erosion Control Infrastructure (WECI) program. The award of the project is recommended to go to Embertech Industrial Incorporated. as meeting all requirements.

### **Financial Implications:**

The funding for this project has been included in the Water Control Structures maintenance budgets and 50 percent grant funding has been received under the provincial Water and Erosion Control Infrastructure (WECI) program. The remaining 50 percent of the project cost will be funded from the Land Sale Reserves. The initial budget of \$700,000 was established for the supply of the stoplogs and refurbishment of the stoplog gains.

### **Other department considerations:**

Not applicable.

### **Prepared by:**

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### **Approved by:**

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