

Section II – Items for Executive Action

TO: Chair and Members of the Executive Committee
Meeting #8/18, Friday, October 05, 2018

FROM: Michael Tolensky, Chief Financial and Operating Officer

RE: **GIBRALTAR POINT EROSION CONTROL PROJECT**
Contract #10009307 – Coastal Engineering Services

KEY ISSUE

Award of a preferred source contract for coastal engineering services related to the implementation of the Gibraltar Point Erosion Control Project.

RECOMMENDATION

THAT Contract #10009307 for coastal engineering support during the construction of the Gibraltar Point Erosion Control Project be awarded to W.F. Baird & Associates Coastal Engineers Ltd. on a preferred source basis for a total cost not to exceed \$79,430, plus HST;

THAT Toronto and Region Conservation Authority (TRCA) staff be authorized to approve additional expenses to a maximum of 10% of the contract cost as a contingency allowance if deemed necessary;

AND FURTHER THAT authorized TRCA officials be directed to take the action necessary to implement the contract including signing and execution of documents.

BACKGROUND

At Authority Meeting #9/09, held on November 27, 2009, Resolution #A111/08 approved the award of an engineering contract to W.F. Baird and Associates (Baird) to undertake a coastal engineering study and detailed design in support of the Gibraltar Point Erosion Control Project. As per the resolution, Baird designed shoreline protection at Gibraltar Point that consists of an adaptive sand management program, a nearshore reef and a groyne at the west end of Manitou Beach on the Toronto Islands. This design was approved through the Class Environmental Assessment (EA) process in April 2018. Following the receipt of all required permits and approvals TRCA will be commencing construction in the fall of 2018. Construction of the nearshore reef and groyne will be undertaken over the next three years with the final (fourth) year consisting of the beach restoration and sand management aspect of the project.

RATIONALE

TRCA requires the services of a coastal engineer to provide ongoing review and support during construction of the nearshore reef and groyne to ensure the works undertaken by TRCA's contractor are in conformance with the design and associated specifications. Baird has provided a scope of work and costing that meets TRCA's expectations and Baird is familiar with the site conditions and design details, per their aforementioned work on the project.

Given Baird's in-depth knowledge, staff recommends award of the contract on a preferred source basis to Baird as per Section 9.3.3 of TRCA's Purchasing Policy, which reads as follows:

Item 9.1

The required goods and services are to be supplied by a vendor or supplier having specialized knowledge, skills, expertise or experience that cannot be reasonably provided by any other supplier.

FINANCIAL DETAILS

While the cost for this specific coastal engineering support assignment is \$74,430, plus HST, the total cost of the Gibraltar Point Erosion Control Project is approximately \$15 million over four years. Funding is available in the Toronto Capital Budget for the contract period of 2018 to 2021, in account 151-01.

DETAILS OF WORK TO BE DONE

Work to be undertaken by Baird during 2018 (Phase I), 2019 (Phase II) and 2020 (Phase III) includes:

- Monthly update meetings;
- Observe and comment on material at JC Rock Quarry;
- Observe and comment on material at stockyard;
- On-site observation visits and reports for stone placement;
- Review as built drawings;
- Review drawings for permanent and temporary navigation markers;
- Final Phase I on-site observation visit and issuance of a stamped Letter of Conformance for Phase I works;
- Final Phase II on-site observation visit and issuance of a stamped Letter of Conformance for Phase II works;
- Final Phase III on-site observation visit and issuance of a stamped Letter of Conformance for Phase III works.

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