

Section I – Items for Authority Action

TO: Chair and Members of the Authority
Meeting #7/18, Friday, September 28, 2018

FROM: Nick Saccone, Senior Director, Restoration and Infrastructure

RE: **GAFFNEY PARK SLOPE STABILIZATION AND DRAINAGE PROJECT, CITY OF TORONTO**
Award of Contract #10007289

KEY ISSUE

Award of Contract #10007289 for the supply of all labour, equipment and materials necessary to implement slope stabilization works and drainage improvements for the Gaffney Park Slope Stabilization and Drainage Project, in the City of Toronto.

RECOMMENDATION

THAT Contract #10007289 for the supply of all labour, equipment and materials necessary for the construction of slope stabilization works and drainage improvements for the Gaffney Park Slope Stabilization and Drainage Project, in the City of Toronto, be awarded to CSL Group Ltd. at a total cost of \$698,400, plus HST, as they are the lowest bidder that best meets Toronto and Region Conservation Authority (TRCA) specifications;

THAT TRCA staff be authorized to approve additional expenditures to a maximum of 20% of the contract cost as a contingency allowance if deemed necessary;

THAT should staff be unable to achieve an acceptable contract with the awarded contractor, staff be authorized to enter into and conclude contract negotiations with the other contractors that submitted quotations, beginning with the next lowest bidder meeting TRCA specifications;

AND FURTHER THAT authorized TRCA officials be directed to take such action as is necessary to implement the contract, including obtaining any required approvals and the signing and execution of documents.

BACKGROUND

The site is located within Gaffney Park, southeast of the intersection of Rockcliffe Boulevard and Terry Drive, in the City of Toronto. The project site extends from the eastern property line of 1 Terry Drive to the western property line of 11A Terry Drive for a length of approximately 90m. The slope associated with the site is between 10 to 13 metres in height and contains a chain link fence delineating private/public property for the entire length of the Gaffney Park Trail. The upper 4 metres of the slope is located on City of Toronto property while the lower portion of the slope is located in the backyards of the residential properties on Terry Drive.

In 2014, the City of Toronto requested TRCA's assistance with the planning, design and construction of a solution to address the slope failure and erosion concerns occurring at the rear of the properties between 1-11A Terry Drive in Gaffney Park. Along this section of the trail, the slope failure runs north of the trail, partially into the backyards of the properties along 1-11A Terry Drive. A wooden retaining wall spans the north edge of the trail and is currently showing the beginning signs of failure.

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Phase 1 of the project was completed in spring 2016 and included a topographic survey, detailed slope stability assessment, preliminary concepts and public consultation. TRCA hosted two public meetings and was unable to come to a consensus with the residents on an approach that entailed working on private property. As such, a stabilization approach that was limited to City property was selected as the preferred option. Given the need to ensure slope stability concerns could be addressed, TRCA retained an engineering consultant to visit the site to determine if it was feasible to stabilize the slope by conducting works solely on the City's property. Based on the consultant's assessment, they confirmed that the existing slope and retaining walls could be reinforced through the installation of a pile system along the topmost 1/3 of the slope. The consultant's expectation is that provided that the pile system is complemented with a drainage system, water will be carried away from the slope and erosion and slope instability issues will be resolved.

The Phase 2 scope of work included the acquisition of a consultant to design the proposed slope stabilization works and subsequent tendering for a contractor to implement the approved design. Exp Services Inc. was retained and the final detailed designs for slope stabilization and drainage works were received in January 2018.

RATIONALE

A Request for Pre-Qualification (RFPQ) for Contract #10007289 was publicly advertised on the electronic procurement website Biddingo (www.biddingo.com) on Tuesday, February 27. TRCA received pre-qualification packages from five contractors by the RFPQ closing date of Friday, March 13, 2018. Following TRCA staff's review of pre-qualification packages and internal/external reference checks, a total of four contractors were pre-qualified. The Request for Tender (RFT) documents were then issued to the prequalified bidders on Tuesday, April 17, 2018 and a mandatory site meeting was held on Tuesday, April 24, 2018. The following four pre-qualified contractors attended this meeting:

- Bronte Construction Ltd.
- CSL Group Ltd.
- Dynex Construction Inc.
- Metric Contracting Services Corp.

The Tender closed on May 11, 2018 at 11:00 AM and the Procurement Opening Committee (Leena Eappen, Anita Geier and Rudra Bissoon) opened the Tenders on May 14, 2018 with the following results:

CONTRACT #10007289 TENDER RESULTS

BIDDERS	TOTAL CONTRACT AMOUNT (excl. HST)
Bronte Construction Ltd.	DISQUALIFIED
CSL Group Ltd.	\$698,400
Metric Contracting Services Corporation	\$719,088
Dynex Construction Inc.	\$818,000

Upon review of the bids by Restoration and Infrastructure staff, Bronte Construction Ltd. was disqualified as their tender did not meet the RFT requirements for the proposed system.

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Restoration and Infrastructure staff then reviewed the bid received from CSL Group Ltd. and determined that the bid is of reasonable value and also meets the requirements as outlined in the contract documents. Implementation for this construction contract is tentatively scheduled to commence mid-November, 2018 with substantial completion by February, 2019.

TRCA staff recommends that Contract #10007289 therefore be awarded to CSL Group Ltd. for a total cost not to exceed \$698,400, plus a 20% contract contingency, plus HST as they are the lowest bidder meeting TRCA's specifications. TRCA staff recommend a 20% contract contingency given the complex nature of the design and in the event that specific provisional/additional items need to be awarded to the contractor by TRCA.

Under TRCA's 10-Year Strategic Plan (2013-2022), this project is aligned with Leadership Strategy #2 "Manage our Regional Water Resources for Current and Future Generations", as the proposed works will address existing drainage issues to reduce the risk of future slope failures stemming from severe rainfall events, thereby protecting park infrastructure and the safety of park users from the hazards of erosion.

Additionally, this project aligns with Enabling Strategy #7 "Build Partnerships and New Business Models." TRCA has completed similar work on behalf of the City of Toronto multiple times allowing us to demonstrate TRCA's expertise and capability in performing this critical maintenance thereby increasing TRCA's financial resilience.

FINANCIAL DETAILS

The cost of this project is fully recoverable from the City of Toronto within Account #185-78.

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Date: September 7, 2018

Attachments: 1