

### Section I – Items for Authority Action

**TO:** Chair and Members of the Authority  
Meeting #5/18, Friday, June 22, 2018

**FROM:** Nick Saccone, Senior Director, Restoration and Infrastructure

**RE:** **ROTARY PEACE PARK SHORELINE MAINTENANCE**  
Supply of Various Sizes of Armourstone Material for Shoreline Erosion Control Maintenance

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#### KEY ISSUE

Award of Contracts #10007963, #10007964 and #10007965.

#### RECOMMENDATION

**THAT Contract #10007963 for the supply and delivery of approximately 2,000 tonnes of 4-6 tonne stackable armourstone to the Rotary Peace Park Shoreline Maintenance Project in the City of Toronto, be awarded to CDR Young's Aggregates Inc. at a unit price of \$62.18 per tonne and a total cost not to exceed \$124,360.00, plus a contingency of 10% to be expended as authorized by Toronto and Region Conservation Authority (TRCA) staff, plus HST, it being the lowest bidder meeting TRCA specifications;**

**THAT Contract #10007964 for the supply and delivery of approximately 3,600 tonnes of 3-5 tonne stackable armourstone to the Rotary Peace Park Shoreline Maintenance project in the City of Toronto, be awarded to CDR Young's Aggregates Inc. at a unit price of \$62.18 per tonne and a total cost not to exceed \$223,848.00, plus a contingency of 10% to be expended as authorized by TRCA staff, plus HST, it being the lowest bidder meeting TRCA specifications;**

**THAT Contract #10007965 for the supply and delivery of approximately 360 tonnes of 2-4 tonne stackable armourstone and approximately 120 tonnes of 2-3 tonne stackable armourstone to the Rotary Peace Park Shoreline Maintenance project in the City of Toronto, be awarded to J.C. Rock Ltd. at a unit price of \$58.00 per tonne and a total cost not to exceed \$27,840.00, plus a contingency of 10% to be expended as authorized by TRCA staff, plus HST, it being the lowest bidder meeting TRCA specifications;**

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

**AND FURTHER THAT authorized TRCA officials be directed to take all necessary actions to implement the foregoing, including the signing and execution of any documents.**

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### BACKGROUND

Rotary Peace Park is a City of Toronto maintained facility located at 25 Eleventh Street in the City of Toronto (former City of Etobicoke) on the north shore of Lake Ontario and features an armourstone headland as shoreline protection. This headland was constructed as a fill extension in the mid 1960's and minor maintenance works have been carried out at various locations on the headland to address deterioration. In 2006, TRCA began conducting annual inspections of the structure as a part of the Valley and Shoreline Monitoring and Maintenance Program. The 2006 inspection identified exposed geotextile with major displacement and voids within the armourstone shoreline revetment. Subsequent inspections have identified ongoing deterioration of the structure including significant scouring behind the upper tiers of the armourstone wall and slumping into the lake.

In 2013, TRCA retained Shoreplan Engineering Limited under Contract RSD13-065 to develop a detailed design solution for the headland. The maintenance work involves repairing the existing headland by reusing existing material where possible, and supplementing with new armourstone as needed. The design also includes the installation of a drainage swale to convey stormwater runoff from a nearby parking lot.

Maintenance is scheduled for July 2018 and is anticipated to take five months to complete.

### RATIONALE

Request for Tender (RFQ) #10007963, #10007964 and #10007965 was publicly advertised on the electronic procurement website Biddingo ([www.biddingo.com](http://www.biddingo.com)) on May 11, 2018. The Procurement Opening Committee opened tenders on May 25, 2018 and the results are shown below.

B-Town Group was disqualified as their bid was received after the specified closing time.

#### **Contract #10007963 - Supply and Delivery of 2000 Tonnes of 4 – 6 Tonne Piece Stackable Armourstone**

<b>BIDDER</b>	<b>TOTAL UNIT PRICE (Plus HST)</b>	<b>TOTAL VALUE OF CONTRACT (Plus HST)</b>
CDR Young's Aggregates Inc.	\$62.18	\$124,360.00
Jeff Parnell Contracting Ltd.	\$69.19	\$138,380.00
Atlantis Marine	\$83.95	\$167,900.00
Glenn Windrem Trucking	\$85.00	\$170,000.00
Cut Above Natural Stone	No Bid	No Bid
J.C. Rock Ltd.	No Bid	No Bid
B-Town Group	Disqualified	Disqualified

#### **Contract #10007964 - Supply and Delivery of 3600 Tonnes of 3 – 5 Tonne Piece Stackable Armourstone**

<b>BIDDER</b>	<b>TOTAL UNIT PRICE (Plus HST)</b>	<b>TOTAL VALUE OF CONTRACT (Plus HST)</b>
CDR Young's Aggregates Inc.	\$62.18	\$223,848.00
Atlantis Marine	\$83.95	\$302,220.00
Cut Above Natural Stone	\$84.63	\$304,668.00
Glenn Windrem Trucking	\$93.00	\$334,800.00
Jeff Parnell Contracting Ltd.	No Bid	No Bid
J.C. Rock Ltd.	No Bid	No Bid
B-Town Group	Disqualified	Disqualified

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### **Contract #10007965 - Supply and Delivery of 360 Tonnes of 2 – 4 Tonne Piece Stackable Armourstone and 120 Tonnes of 2 – 3 Tonne Piece Stackable Armourstone**

<b>BIDDER</b>	<b>TOTAL UNIT PRICE (Plus HST)</b>	<b>TOTAL VALUE OF CONTRACT (Plus HST)</b>
J.C. Rock Ltd.	\$58.00	\$27,840.00
CDR Young's Aggregates Inc.	\$64.18	\$30,806.40
Glenn Windrem Trucking	\$78.00	\$37,440.00
Atlantis Marine	\$83.95	\$40,296.00
Cut Above Natural Stone	\$84.63	\$40,622.40
Jeff Parnell Contracting Ltd.	No Bid	No Bid
B-Town Group	Disqualified	Disqualified

Based on the tenders received, staff recommends that:

- CDR Young Aggregates Inc. be awarded Contract #10007963 for the supply and delivery of 2,000 tonnes of 4 – 6 tonne piece stackable armourstone for the unit cost of \$62.18 per tonne and a total cost not to exceed \$124,360.00, plus HST;
- CDR Young Aggregates Inc. be awarded Contract #10007964 for the supply and delivery of 3,600 tonnes of 3 – 5 tonne piece stackable armourstone for the unit cost of \$62.18 per tonne and a total cost not to exceed \$223,848.00, plus HST.
- J.C. Rock Ltd. be awarded Contract #10007965 for the supply and delivery of 360 tonnes of 2 – 4 tonne piece stackable armourstone and 120 tonnes of 2 – 3 tonne piece stackable armourstone for the unit cost of \$58.00 per tonne and a total cost not to exceed \$27,840.00, plus HST.

These contracts are recommended to include a 10% contingency to be expended as authorized by TRCA staff.

TRCA will be conducting quarry inspections to verify that the material is of good quality and meets contract specifications. The licenses of the quarries which the lowest bidders will use to supply the aggregates will be verified to be legitimate and fully licensed using the Ontario government's "find pits and quarries" online tool:

<https://www.ontario.ca/environment-and-energy/find-pits-and-quarries>.

This project is aligned with leadership strategy number two "Manage our regional water resources for current and future generations", as the shoreline erosion control measures will contribute to maximizing the resilience of our water systems in preparation for predicted changes in climate change and assist with reducing the risk of future erosion.

Additionally, this project aligns with enabling strategy number seven "Build partnerships and new business models." TRCA has now completed this type of work on behalf of the City multiple times allowing us to demonstrate TRCA's expertise and capability in performing this critical maintenance thereby increasing TRCA's financial resilience.

### **FINANCIAL DETAILS**

Funding for this project is provided by the City of Toronto in TRCA's 2018 capital budget or for waterfront major maintenance and is being tracked under account 241-09.

### **DETAILS OF WORK TO BE DONE**

Maintenance is scheduled to begin in July 2018 and is expected to take five months to complete.

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The impact of implementation to the public is anticipated to be moderate as the entirety of the park will be cordoned off for the duration of the project. Although the park will be closed, the adjacent playground and pool will remain accessible and Cliff Lumsden Park and Colonial Sam Smith Park serve as viable alternatives and are located approximately 250 m and 500 m away from the project site, respectively.

Project updates, including construction start date, duration and any delays will be communicated to primary stakeholders, such as the City Councillor and Parks Supervisor through on-going email correspondence and to a broader audience through project signage, delivered letters, notices in local newspapers and on TRCA's website.

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**Date: May 25, 2018**