



City of  
**Peterborough**

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**To:** **Members of the Committee of the Whole**

**From:** **W.H. Jackson, Director of Utility Services**

**Meeting Date:** **February 27, 2017**

**Subject:** **Report USEC17-003**  
**Pre-commitment of Funds and Award of Tender T-05-17 for**  
**Hilliard Street and Marina Boulevard Reconstruction (Bear's**  
**Creek)**

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## **Purpose**

A report to recommend the award of Tender T-05-17 for the reconstruction of Hilliard Street from Marina Boulevard to The Parkway right-of-way and Marina Boulevard from Hilliard Street to Bears Creek.

## **Recommendations**

That Council approve the recommendations outlined in Report USEC17-003 dated February 27, 2017, of the Director of Utility Services, as follows:

- a) That \$850,000 be included in the 2018 Capital budget for Hilliard Street Reconstruction and be pre-committed;
- b) That Tender T-05-17 for Hilliard Street and Marina Boulevard reconstruction be awarded to Behan Construction Limited, P.O. Box 596, Cobourg, ON, K9A 4L3 at a total cost of \$6,299,599.97 plus \$818,948.00 HST for a total of \$7,118,547.97; and
- c) That a provisional work value of \$300,000 be committed to the project and Utility Services be provided the authority to adjust the purchase order value to an upset limit of \$6,599,599.97 excluding HST as necessary to complete this project

## Budget and Financial Implications

The total project costs (net of the HST rebate) including provisional amount, utility relocation costs and engineering overhead costs for design, contract administration and inspection are as follows:

Line	Description	Amount
1	T-05-17 Hilliard Street and Marina Boulevard Reconstruction	\$ 6,299,599.97
2	Provisional Amount	\$ 300,000.00
3	HST Payable by the City	\$ 116,152.96
4	Costs incurred to date (Geotechnical work, Utility locates, etc.)	\$ 50,000.00
5	Geotechnical and Material Testing Allowance	\$ 50,000.00
6	Utility Relocations	\$ 150,000.00
7	Engineering and Contract Administration	\$ 834,000.00
8	Budget Contingency	\$ 100,000.00
9	<b>Total Estimated Project Cost (Net of HST rebate)</b>	<b>\$ 7,899,752.93</b>

Funding for the Hilliard Street and Marina Boulevard Reconstruction project will come from the following sources:

Line	Description	Amount
1	Marina Boulevard Major System Bypass (2017 Capital Budget Item 5-15.01)	\$ 3,500,000
2	Hilliard Street Reconstruction (2017 Capital Budget Item 5-2.02)	\$ 1,800,000
3	Pre-commitment of 2018 Budget	\$ 850,000
4	Peterborough Utilities Commission (PUC) Water Contribution	\$ 1,750,000
5	<b>Total</b>	<b>\$ 7,900,000</b>

The total net \$7,899,752.93 requirement, after applicable HST rebates, can be accommodated within the \$7,900,000.00 allocation from the approved 2017 Capital, pre-committed 2018 Capital and PUC Water Contribution for the Hilliard Street and Marina Boulevard Reconstruction project.

The PUC contribution reflects the PUC portion of costs incurred to replace watermain and a share of restoration costs within the project limits.

## **Background**

### **Brief Description of the Work**

Council, at its meeting of February 29, 2016, approved Report CPFS16-007 for the Ontario Community Infrastructure Fund Application Based Contribution Agreement and Funding Pre-Commitment for the Bears Creek Project. Following this report the City entered into an agreement for the execution of the Bears Creek Project and in return will receive \$2 million in contribution towards the costs of the project. The project will provide a large storm sewer by-pass for Bears Creek from The Parkway right-of-way to the Bears Creek crossing of Marina Boulevard. This project is the first priority under the Bears Creek flood reduction study.

The project will also include the reconstruction of the intersection of Hilliard Street and Marina Boulevard to include a dedicated south bound left turn lane. Replacement of the sanitary sewer on Marina Boulevard and water main reconstruction within the limits of construction will also occur

Increases in the project budget are the result of:

- increased design storm water flow rates and areas resulting in increased storm pipe sizes;
- larger storm sewers than anticipated are being replaced on Hilliard Street to capture significant storm flows and divert overland flood waters from traversing from the Bears Creek watershed to the Jackson Creek watershed. This will aid in reducing storm water loading on the low lying area of Hilliard Street in the Jackson Creek watershed;
- original cost estimates did not include for the replacement of the sanitary sewer on Marina Boulevard. Based on the increased size of the storm by-pass pipe the sanitary sewer needs to be relocated; and
- some additional utility relocation (Enbridge gas main and services) are also required due to the larger storm sewer size.

### **RFT Bid Solicitation, Closing, Prepared by, Reviewed by**

Tender T-05-17 for Hilliard Street and Marina Boulevard Reconstruction was prepared by City staff in coordination with Peterborough Utilities (PUC) staff. The tender was issued on January 13, 2017 and closed on February 2, 2017. The tender was evaluated by the Manager, Design and Construction, Engineering Services Coordinator and an Engineering and Construction Technologist.

## **RFT Statement**

Chart 1 below provides a summary of the Tender results:

**Chart 1 - RFT T-05-17 Hilliard Street and Marina Boulevard Reconstruction**

<b>Firm Name</b>	<b>Address</b>	<b>Bid Amount (Excluding HST)</b>
Behan Construction Ltd.	Cobourg, ON	\$ 6,299,599.97
Bonnechere Excavating Inc.	Renfrew, ON	\$ 6,337,573.98
Coco Paving Inc.	Peterborough, ON	\$ 6,674,458.28

## **Recommended Bidder**

Based upon a review of the lowest tender price, it is recommended that Tender T-05-17 be awarded to Behan Construction Ltd.

Behan Construction Ltd. has completed numerous reconstruction projects for the City in the past. Recently Behan Construction Ltd. performed satisfactorily while completing the Brealey Drive reconstruction, Birch Avenue and Gallagher Street reconstruction, the Chemong Trunk Sanitary sewer project and the Hilliard Street reconstruction project.

## **Council Approval Required**

Under Part 8, 8.2.1 b. of the Purchasing By-law 14-127 Council must approve an award, where the award cannot be accommodated within an approved budget and therefore requires a budget transfer or a pre-commitment against a future year's budget.

## **Timelines**

If the recommendations are approved, an agreement will be prepared and is to be signed by the CAO and Clerk, under their delegated authority to do so before the work commences.

The contractor is tentatively scheduled to commence the work on May 1, 2017 and is required to complete the work within 200 working days. This will see works in both the 2017 and 2018 construction seasons. To facilitate the work various portions of Marina Boulevard and Hilliard Street will be closed to through traffic and detours implemented. During the closures access to local traffic shall be maintained.

## **Summary**

RFT T-05-17 for the Hilliard Street and Marina Boulevard Reconstruction has been issued in accordance with the City's Purchasing By-law 14-127 and can be awarded within the approved and pre-committed budgets as recommended in this report.

Submitted by,

W. H. Jackson, P. Eng.  
Director Utility Services

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