

**REPORT FOR ACTION****Contract Award for Tender Call No. 12-2019 for the Construction of Sewers and Watermains Associated with the Basement Flooding Protection Program**

Date: June 12, 2019

To: Infrastructure and Environment Committee

From: Chief Engineer and Executive Director, Engineering and Construction Services and Chief Purchasing Officer

Wards: 6

SUMMARY

The purpose of this report is to advise of the results of Tender Call No. 12-2019, Contract No.19ECS-LU-09FP, for storm sewer, sanitary sewer and watermain construction in Basement Flooding Protection Program Study Area 19, which is bounded by Dufferin Street, Bathurst Street, Finch Avenue West and Wilson Avenue and request authority to award the contract to GFL Infrastructure Group Inc., in the amount of \$34,502,813.63 net of all applicable taxes and charges (\$35,110,063.14 net of HST recoveries).

RECOMMENDATIONS

The Chief Engineer and Executive Director of Engineering and Construction Services and the Chief Purchasing Officer recommend that:

1. The Infrastructure and Environment Committee, in accordance with Section 195-8.4 of Toronto Municipal Code Chapter 195 (Purchasing By-Law), grant authority to award Contract No.19ECS-LU-09FP, Tender Call No. 2-2019, for storm sewer, sanitary sewer and watermain construction in the area bounded by Dufferin Street, Bathurst Street, Finch Avenue West and Wilson Avenue, in the amount of \$34,502,813.63 net of all taxes (\$35,110,063.14 net of HST recoveries) to GFL Infrastructure Group Inc., having submitted the lowest compliant bid and meeting the specifications in conformance with the Tender Call requirements.

FINANCIAL IMPACT

The total value of the Contract Award for Tender Call No.12-2019, Contract No. 19ECS-LU-09FP, for storm sewer and watermain construction in the area bounded by Dufferin Street, Bathurst Street, Finch Avenue West and Wilson Avenue, is \$38,988,179.40 including HST and all applicable charges. The total cost to the City is \$35,110,063.14 net of HST recoveries.

Funding is included in the Toronto Water 2019 Approved Capital Budget and 2020-2028 Approved Capital Plan in accounts CWW421-17-11, CPW542-23-28 and CPW544-21-18 and in the Transportation Services 2019 Approved Capital Budget and 2020-2028 Approved Capital Plan in the accounts CTP315-07-316 and CTP315-09-268. The approved cash flow for 2019 to 2022 is shown in Table 1 below (all values are net of HST recoveries):

Table 1: Approved Cash Flow for Contract No. 19ECS-LU-09FP

WBS Element	2019	2020	2021	2022	Total
CWW421-17-11	\$2,358,587	\$10,770,436	\$9,770,436	\$7,633,153	\$30,532,612
CPW542-23-28	\$271,263	\$1,044,880	\$1,044,880	\$105,000	\$2,466,023
CPW544-21-18	\$112,459	\$327,152	\$327,152	\$255,588	\$1,022,351
CTP315-07-316	\$0	\$341,784	\$341,784	\$265,832	\$949,400
CTP315-09-268	\$0	\$0	\$0	\$139,677	\$139,677
Total	\$2,742,309	\$12,484,252	\$11,484,252	\$8,399,250	\$35,110,063

The Chief Financial Officer and Treasurer has reviewed this report and agrees with the financial impact information.

DECISION HISTORY

Recommended Basement Flooding Protection Program projects that are identified through completed Class Environmental Assessment (EA) studies are prioritized and sequenced for implementation as per Council-adopted criteria to protect the greatest number of properties as soon as possible, within approved budgets and in coordination with other capital projects and population growth needs in the area. Recommended projects that continue to meet the prioritization criteria during the preliminary design stage are moved into detailed design and subsequently construction. The Council-adopted criteria were established at the City Council meetings of September 24, 2008 and September 21, 2011 and the corresponding staff reports can be found at:

<http://www.toronto.ca/legdocs/mmis/2008/ex/bgrd/backgroundfile-15074.pdf>
and <http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2011.PW7.6>

In support of Toronto Water's 2019-2028 Approved Capital Budget and Plan submission, a Briefing Note titled "2019 Capital Budget Briefing Note - Basement Flooding Protection Program - Project List: 2019 to 2023" contains the updated planned schedule for engineering design and construction of infrastructure upgrades supporting Toronto Water's Basement Flooding Protection Program. A copy of the Briefing Note can be found at:

<https://www.toronto.ca/legdocs/mmis/2019/ex/bgrd/backgroundfile-129670.pdf>

COMMENTS

Study Area 19 of the Basement Flooding Protection Program (BFPP) is bounded by Bathurst Street to the east, Dufferin Street to the west, Finch Avenue West to the north and Wilson Avenue to the south. The Class Environmental Assessment (EA) for BFPP Study Area 19 was approved in 2014.

The recommended solution to provide protection against basement flooding includes projects on many streets within Study Area 19. Projects that met the Council-adopted criteria for prioritizing sewer improvements, as well as other coordinated state of good repair projects, are designed and further included in various construction contracts for implementation.

Contract No. 19ECS-LU-09FP includes the following projects:

1. Sewer replacements at the following locations:

- Amos Crescent (from #15 Amos Crescent to Wilmington Avenue)
- Baintree Court
- Brighton Avenue (from 55 m west of Wilson Heights Boulevard to 7 m east of Wilson Heights Boulevard)
- Bryant Street (from Tokay Court to Cocksfield Avenue)
- Cocksfield Avenue (from Casino Court to Hove Street)
- Codsell Avenue (from 80 m east of Hove Street to Hove Street)
- Goddard Street (from Baintree Court to Waterloo Avenue)

- Waterloo Avenue (from Tillplain Road to Hove Street)
- Hove Street (from Cocksfield Avenue to Searle Avenue)
- Searle Avenue (from Tillplain Road to Shaftesbury Street)
- Shaftesbury Street (from Waterloo Avenue to Searle Avenue)
- Tillplain Road (from Cocksfield Avenue to Searle Avenue)
- Tokay Court
- Wilmington Avenue (from 10 m south of Amos Crescent to Waterloo Avenue)
- Wilson Heights Boulevard (from Brighton Avenue to Searle Avenue)

2. Watermain replacements in the following locations:

- Waterloo Avenue (from Goddard Street to Hove Street)
- Searle Avenue (from Dufferin Street to Honiton Street)
- Hove Street (from Searle Avenue to Codsell Avenue)

3. Local road resurfacing in the following locations:

- Waterloo Avenue (from Hove Street to Wilmington Avenue)
- Hove Street (from Searle Avenue to Cocksfield Avenue)
- Searle Avenue (from Wilson Heights Boulevard to Wilmington Street)

4. Catchbasins and catchbasin inlet control devices:

- Amos Crescent
- Bryant Street
- Cocksfield Avenue
- Codsell Avenue
- Elder Street
- Shaftesbury Street
- Tillplain Road
- Waterloo Avenue

Study Area 19, of the BFPP, is shown in Figure No.1 and location of the projects included in Contract No. 19ECS-LU-09FP are shown in Figure No.2 in the present report.

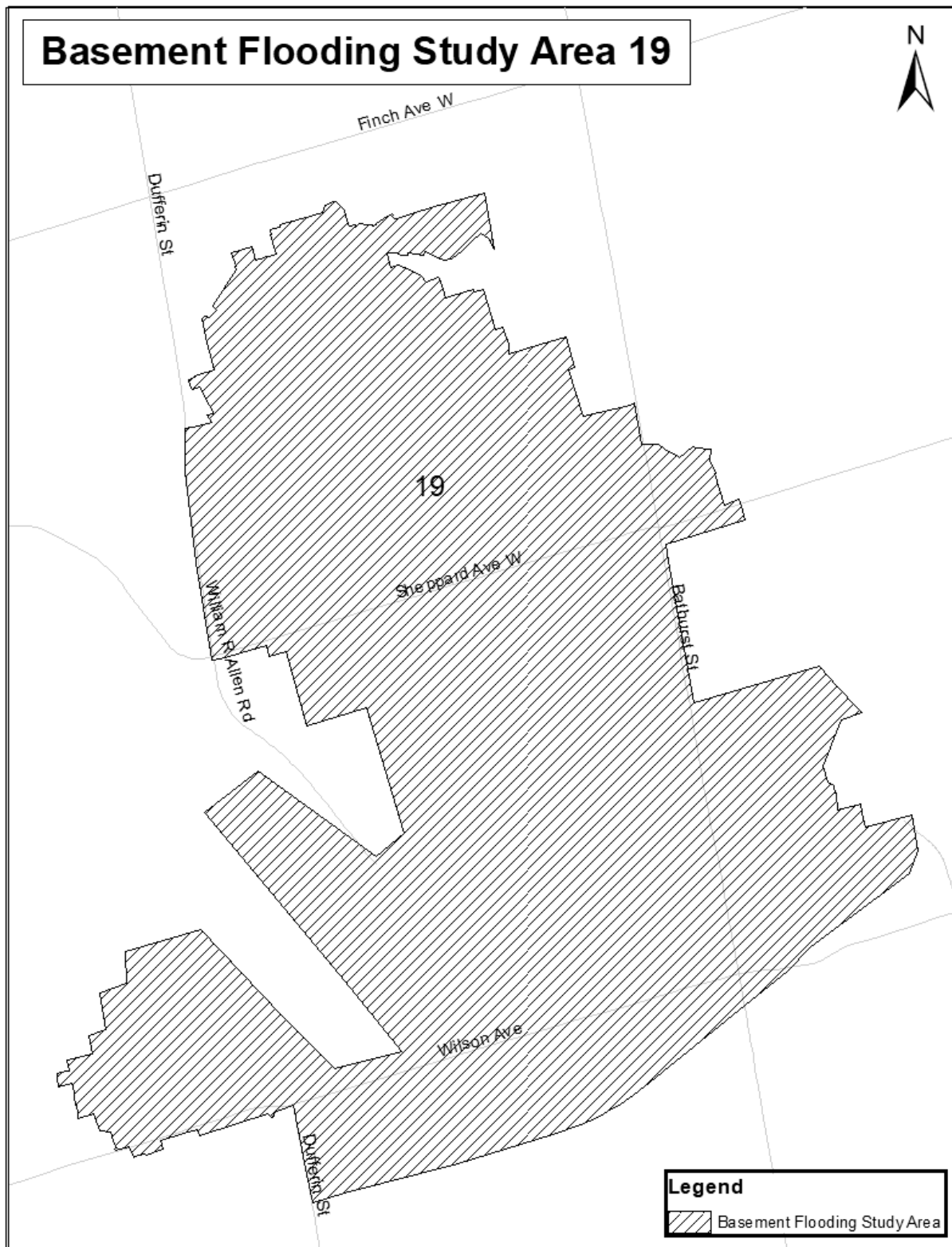


Figure No.1. Map showing the location of Basement Flooding Protection Program Study Area 19

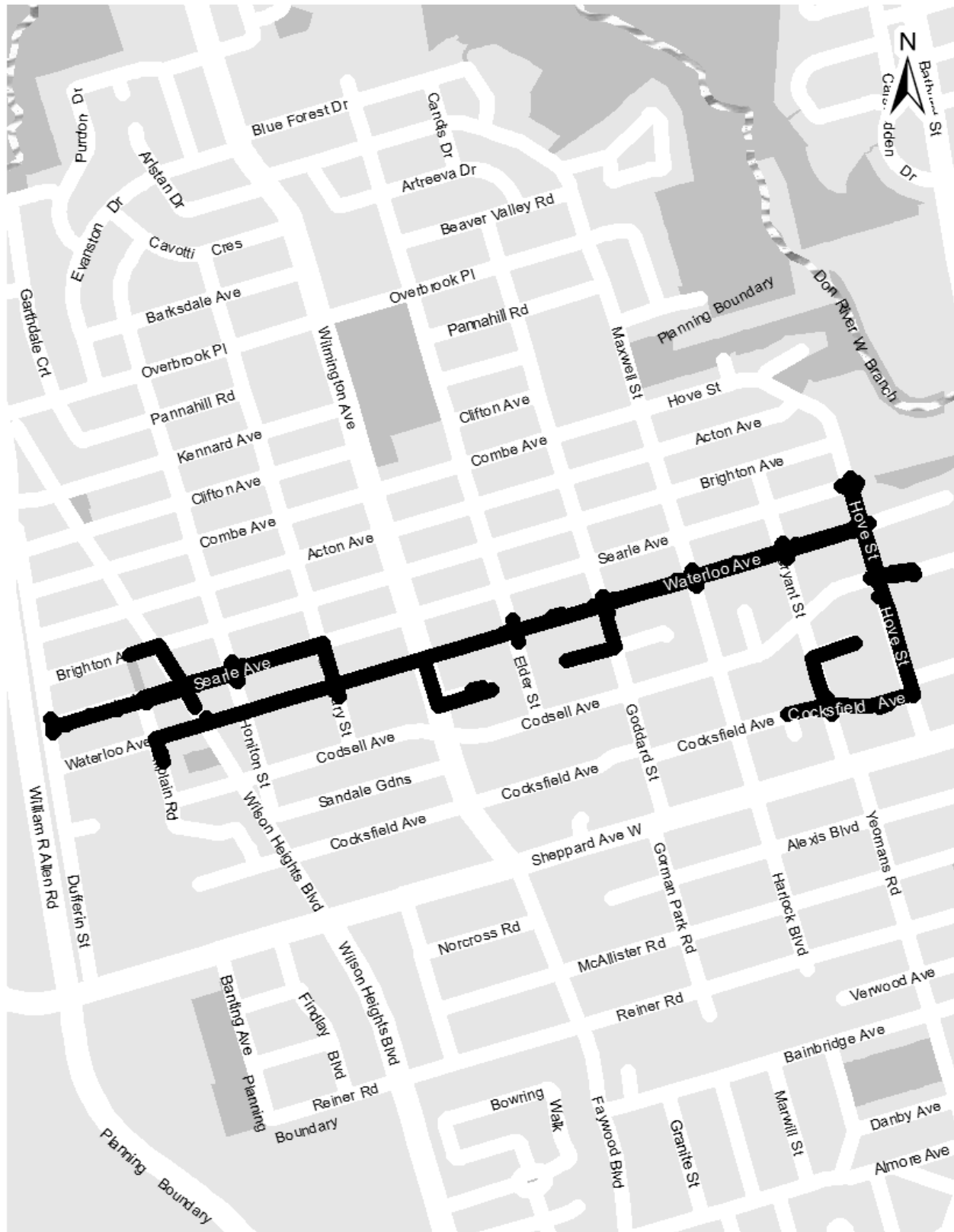


Figure No.2. Map showing the locations of construction under Contract No. 19ECS-LU-09FP

Tender Call 12-2019, Contract No. 19ECS-LU-09FP, for storm sewer, sanitary sewer and watermain construction in the area bounded by Dufferin Street, Bathurst Street, Finch Avenue West and Wilson Avenue, was issued by the Purchasing and Materials Management Division (PMMD) and was advertised on the City's website on February 22, 2019.

PMMD, at its Public Opening held on April 5, 2019, opened the Tenders listed in the following Table 2:

Table 2: Bidders and Bid Prices for Tender Call No. 12-2019

Bidder	Bid Price including HST
GFL Infrastructure Group Inc.	\$38,988,179.40
Memme Infrastructure Contractors	\$39,819,697.90
Comer Group Limited	\$42,473,953.61
Drainstar Contracting Limited	\$44,400,229.97*
Clearway Construction Inc.	\$46,793,532.77*
KAPP Infrastructure Inc.	\$51,910,256.75*
Trisan Construction	\$59,602,396.87
Varcon Construction Corporation	\$61,436,370.28*

*Tender Price corrected for mathematical errors. PMMD has verified that the mathematical errors were corrected.

The submissions received from the eight (8) bidders that responded to Tender Call 12-2019, Contract No. 19ECS-LU-09FP, were reviewed and evaluated by staff from PMMD and Engineering and Construction Services. All eight (8) were found to be in conformance with the Tender Call requirements. Recommended bidder for Contract No. 19ECS-LU-09FP is GFL Infrastructure Group Inc.

Engineering and Construction Services staff compared the bids to the engineering estimate of \$41,126,573.13 including all taxes and charges. The bid price of the recommended bidder is in the amount of \$38,988,179.40 including all taxes and charges and is lower than the engineering estimate by approximately 5%.

The Fair Wage Office has reported that the recommended Bidder has indicated that they have reviewed and understand the Fair Wage Policy and Labour Trades requirements and the recommended Bidder has agreed to comply fully.

The Tender submission from GFL Infrastructure Group Inc. for Tender Call 12-2019, Contract No. 19ECS-LU-09FP, includes their agreement to complete the works within a time frame of 630 working days from the date of the issuance of the written Order to Commence.

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SIGNATURE

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