



# REPORT TO COUNCIL

To: **Mayor and Councillors**

Subject: Award of Tender T2023-039, Michaud Crescent  
Watermain Replacement and Road Improvements

File #: 5210.00

Doc #:

From: Moudud Hasan, P.Eng.  
Infrastructure Engineer

Date: April 8, 2024

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## RECOMMENDATION:

1. THAT "Tender T2023-039, Michaud Crescent Watermain Replacement and Road Improvements" be awarded to Arsalan Construction Ltd. for the tendered amount of \$2,441,789.00 (excluding GST).
  2. THAT RF Binnie & Associates Ltd. be appointed to undertake the contract administration for \$155,882.00 excluding taxes, and
  3. THAT a contingency allowance of \$140,000.00 be approved, to be used only for unforeseen issues, and
  4. THAT the Director Engineering, Parks and Environment and the Corporate Officer be authorized to execute the contract document for Tender T2023-039.
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## PURPOSE:

The purpose of the report is to seek authorization from Council to award the tender T2023-039, Michaud Crescent Watermain Replacement and Road Improvements.

## POLICY:

Purchasing Policy FN-12: City Council approval required for entering contracts for goods or services over \$375,000.

## COMMENTS/ANALYSIS:

Figure 1 shows the location of the proposed road and utility upgrades along Michaud Crescent between 200 Street and 203 Street. The scope includes replacement of an aging watermain, a protected cycling facility on the south side of Michaud Crescent, walking and cycling safety improvements at three intersections along Michaud Crescent at 201 Street, 201A Street and at 203 Street as well as re-paving of the south half of the road and associated landscaping.

At the Michaud Crescent/201A Street intersection, the current temporary layout with delineator posts will be replaced with a permanent design including concrete curb bulges, wheelchair ramps and all-way stop control.

These works are being coordinated with a development project that will be completing their frontage works and tie into the west end of this capital project near 200 Street.

The work is scheduled to start in May 2024 and be completed by November 2024. Noise and traffic disruptions will be minimized by following a traffic management plan and communications strategy.

**Figure 1: Project Location Map**



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Minor drainage upgrades will be completed in conjunction with the road works. At the intersecting streets, curb extensions with improved wheelchair ramps will be built and new streetlights added. The existing delta-shaped island at the Michaud/203 Street intersection will be removed and replaced with a narrower width to improve pedestrian and cyclist safety and wheelchair accessibility. A wheelchair accessible bus stop passenger pad will be built on 201A Street just north of Michaud Crescent.

The City has retained RF Binnie & Associates Ltd. to provide the engineering consulting services. It is recommended that Binnie undertake the contract administration at a cost of \$155,882.

A contingency allowance of \$140,000 has been included to cover any unforeseen issues that may arise during construction.

### **TENDER RESULTS:**

As per the Purchasing Policy, the tender was advertised on BC Bid for an open and competitive bidding. Seven (7) tenders were received on February 22, 2024 with the following results:

<b>Rank</b>	<b>Contractor</b>	<b>Tender Price (Excluding GST)</b>
1	Arsalan Construction Ltd.	\$2,441,789.00
2	GMP Civil Contracting Inc.	\$2,442,000.00
3	Mainland Construction Materials	\$2,583,658.49
4	All Roads Construction Ltd.	\$2,632,672.00
5	Lafarge Canada Inc.	\$2,678,840.00
6	Marex Constructors Ltd.	\$2,786,292.00
7	BA Blacktop Infrastructure Inc.	\$2,816,138.65

### **EVALUATION:**

All submissions were reviewed by the City's consultant for completeness, errors, and compliance to the tendering specifications. Arsalan Construction Ltd. was found to be the lowest compliant bidder. Their past performance on similar works in the City has been satisfactory. It is recommended that Arsalan Construction Ltd. be awarded Contract No. T2023-039 for the tendered amount of \$2,441,789.00 excluding taxes.

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### **BUDGET IMPLICATIONS:**

The 2024 Capital Improvement Plan has budget allocated for the construction as per the table below. TransLink is providing a grant funding of \$1,000,000 for the cycling infrastructure upgrades.

#### *Budget Breakdown:*

<b>Account #</b>	<b>Project Description</b>	<b>Budget</b>
231023-0803	External grant - TransLink	\$1,000,000
70172	Bicycle Facilities (DCC-R013)	\$900,000
77105	Cast Iron & AC Watermain Replacements	\$500,000
67132	Michaud Crescent watermain 20100-20200	\$108,562
78101	Sanitary & Storm Point Repairs	\$130,000
70166	Pedestrian Facilities	\$100,000
75054	Accessibility Improvements	\$100,000
	<b>Total Available Budget</b>	<b>\$2,838,562</b>

#### **Expenses:**

Tender amount - Arsalan Construction Ltd.	\$2,441,789.00
Design services (Binnie) - complete	\$ 93,030.00
Construction Administration (Binnie)	\$ 155,882.00
Contingency (if required)	<u>\$ 140,000.00</u>

**Total Expenses** **\$2,830,701.00**

The total project cost is within the available capital budget.

Respectfully Submitted,



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Moudud Hasan, P.Eng.  
Infrastructure Engineer

Concurrence:



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Graham Flack  
Deputy Director Corporate Services

Concurrence:



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Hirod Gill, P.Eng.  
Manager Engineering Services

Concurrence:



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David Pollock, P.Eng.  
Director Engineering, Parks and Environment

**CHIEF ADMINISTRATIVE OFFICER'S COMMENTS:**

I support the recommendation.



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Francis Cheung, P. Eng.  
Chief Administrative Officer