

NO: R148

COUNCIL DATE: July 25, 2022

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## REGULAR COUNCIL

TO: **Mayor & Council**

DATE: **July 19, 2022**

FROM: **General Manager, Engineering**

FILE: **2320 (I&I)**

SUBJECT: **Award of Contract No. 1220-040-2022-067  
Sanitary Sewer - Inflow and Infiltration Investigation Program**

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## RECOMMENDATION

The Engineering Department recommends that Council:

1. Award Contract No. 1220-040-2022-067 to Mar-Tech Underground Services Ltd. for the first term of the Sanitary Sewer – Inflow and Infiltration Investigation Program in the amount of \$422,531.80 (including GST);
2. Approve the option to extend Contract No. 1220-040-2022-067 for two additional one-year terms, at the City’s sole discretion, in the amount of \$470,097.79 (including GST) for year two and \$345,326.35 (including GST) for year three; and
3. Authorize the General Manager, Engineering to execute Contract No.1220-040-2022-067 and approve two optional one-year extensions for Contract No. 1220-040-2022-067.

## INTENT

The intent of this report is to seek Council’s approval to award Contract No. 1220-040-2022-067 to Mar-Tech Underground Services Ltd. (“Mar-Tech”) for Sanitary Sewer – Inflow and Infiltration (“I&I”) investigation services for 2022, with options for the City to extend the contract for two additional one-year terms at the City’s sole discretion.

## BACKGROUND

This contract involves the supply and delivery of labour, material, and equipment for the video inspection of sanitary mains, service connections, manholes, smoke testing, flushing, and cleaning of the City’s sewer system as illustrated on the map attached as Appendix “I”.

This annual contract is preventative inspection and maintenance work to ensure the sanitary sewer system is operating efficiently by identifying and reducing rainwater and groundwater I&I sources that are entering the City’s sanitary system. The work also identifies cross-connections between the storm sewer system and sanitary sewer system that require correction.

I&I sources can adversely impact the capacity of the City’s sanitary system, resulting in sewer surcharging, increased operating costs for City pump stations, and increased flows to the Metro Vancouver sanitary system. This annual preventative maintenance work reduces the City’s operational cost, as well as annual fees paid to Metro Vancouver.

**DISCUSSION**

In accordance with the *Purchase and Expenditure Authorization Bylaw*, a Request for Quotations was posted for the subject Contract on BC Bid and City websites. Quotations for the subject Contract were opened on March 24, 2022, with the following results:

	<b>Contractor</b>	<b>1<sup>st</sup> year Quotation Including Taxes</b>	<b>2<sup>nd</sup> year Quotation Including Taxes</b>	<b>3<sup>rd</sup> year Quotation Including Taxes</b>	<b>3 Year Total Including Taxes</b>
1	Mar-Tech Underground Services Ltd.	\$422,531.80	\$470,097.79	\$345,326.35	\$1,237,955.94
2	C3 Mainline Inspections Inc.	\$446,479.49	\$476,745.17	\$347,134.28	\$1,270,358.93
3	Dougness Holdings Ltd.	\$461,104.82	\$518,033.39	\$395,210.40	\$1,374,348.61
4	ABC Pipe Cleaning Services Ltd.	\$528,264.58	\$565,178.09	\$433,968.26	\$1,527,410.93
5	Superior City Services Ltd.	\$983,9986.53	\$1,186,268.02	\$939,382.50	\$3,109,637.34

The City’s pre-quotation estimate was \$ 1,397,000 (including GST) for the cumulative three-year total of the Contract.

**EVALUATION**

The evaluation team included staff from the Engineering Department and Finance Department, who reviewed the quotations for accuracy and completeness.

Mar-Tech submitted the lowest quotation and was fully compliant with the contract specifications. A review of references provided by Mar-Tech for investigation work has indicated their past performance on similar work has been satisfactory. They have no outstanding legal claims against the City. It is recommended that Mar-Tech be awarded Contract No. 1220-040-2022-067.

## **SUSTAINABILITY CONSIDERATIONS**

The work of this contract supports the objectives of the City's Sustainability Charter 2.0. In particular, the services that will be performed under this contract relates to the Sustainability Charter 2.0 theme of Infrastructure. Specifically, this contract supports the following Desired Outcome ("DO") and Strategic Direction ("SD"):

- All Infrastructure DO1: City facilities and infrastructure systems are well managed, adaptable, and long lasting, and are effectively integrated into regional systems; and
- All Infrastructure SD1: Proactively manage community assets to maintain them over the long-term in a state of good repair.

## **FUNDING**

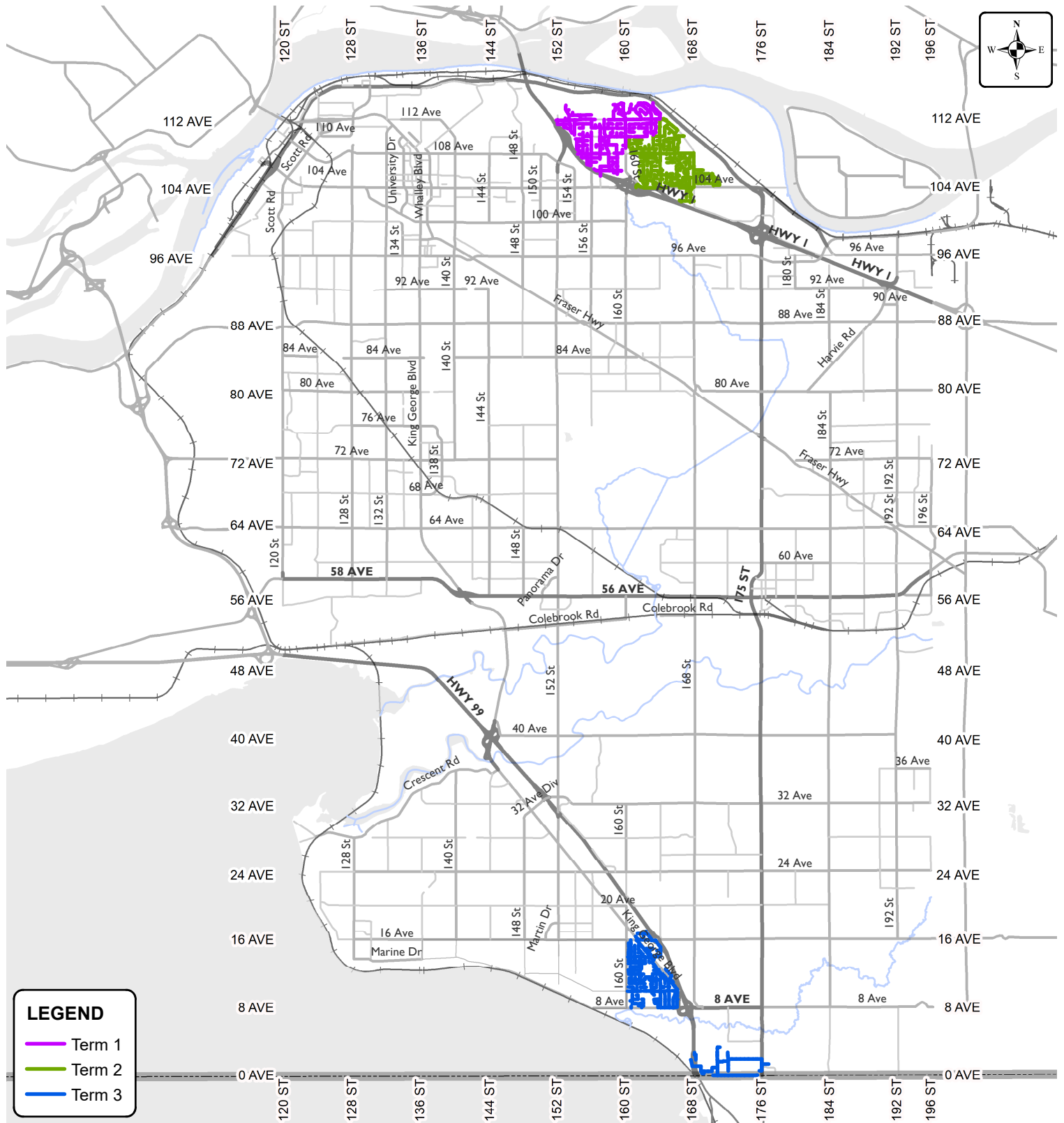
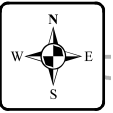
Funding for this activity is available in the approved 2022 Sewer Utility Operating Budget.

Scott Neuman, P.Eng.  
General Manager, Engineering

## Appendix "I" - Inspection Location Map

[https://surreybc.sharepoint.com/sites/eng.administration/gm administration/corporate reports/2022/final/july 25/award of contract sanitary sewer - inflow and infiltration investigation program.docx](https://surreybc.sharepoint.com/sites/eng.administration/gm%20administration/corporate%20reports/2022/final/july%2025/award%20of%20contract%20sanitary%20sewer%20-%20inflow%20and%20infiltration%20investigation%20program.docx)

# APPENDIX "I"



**LEGEND**

- Term 1
- Term 2
- Term 3

Produced by GIS Section: 13-Jul-2022

Scale: 1:125,000



**Contract No.**  
**1220-040-2022-067**  
**Sanitary Sewer I&I Investigation Program**

**ENGINEERING  
 DEPARTMENT**

The data provided is compiled from various sources and IS NOT warranted as to its accuracy or sufficiency by the City of Surrey. This information is provided for information and convenience purposes only. Lot sizes, Legal descriptions and encumbrances must be confirmed at the Land Title Office.