

NO: R202

COUNCIL DATE: November 28, 2022

**REGULAR COUNCIL**

TO: **Mayor & Council** DATE: **November 21, 2022**

FROM: **General Manager, Engineering** FILE: **4722-003/11**

SUBJECT: **Award of Contract No. 4722-003-11  
Local Area Service - Sanitary Sewer Extension on 54 Avenue from 12710 to  
12807 - 54 Avenue**

**RECOMMENDATION**

The Engineering Department recommends that Council:

1. Award Contract No. 4722-003-11 to Blackline Site Works Ltd. in the amount of \$298,620.00 (including GST) for the sanitary sewer extension on 54 Avenue from 12710 to 12807 - 54 Avenue;
2. Set the expenditure authorization limit for Contract No. 4722-003-11 at \$298,620.00 (including GST); and
3. Authorize the General Manager, Engineering to execute Contract No. 4722-003-11.

**INTENT**

The intent of this report is to seek Council’s approval for the award of Contract No. 4722-003-11 to Blackline Site Works Ltd. for the sanitary sewer extension on 54 Avenue from 12710 to 12807 - 54 Avenue

**DISCUSSION**

**Scope of Work**

At the Regular Council Meeting of April 25, 2022, Council approved the recommendations of Corporate Report No. R078; 2022, attached as Appendix “I”, adopting a Local Area Service for the sanitary sewer extension related to this construction package. The construction package consists of 220m of low pressure sanitary sewer extension at the location listed in the following table, which is also illustrated on the map attached to this report as Appendix “II”:

Map Reference Number	Project #	Project Description	Location
1	S-19487	54 Avenue low pressure sanitary sewer extension	54 Avenue: 12710 - 12807

To service this area, a typical conventional sewer is not feasible due to the absence of a road right-of-way that follows the natural topography; therefore, servicing will be achieved through construction of a low pressure sewer system that requires homeowners to provide private pump equipment as their parcel is serviced. Low pressure sewers are used elsewhere in Surrey, particularly in very flat areas or where there are insufficient utility corridors that follow the slope.

The Contract permits construction from 7:00 a.m. to 10:00 p.m., Monday through Friday, in compliance with the *Surrey Noise Control Bylaw, 1982, No. 7044*.

### **Invitation to Tender Results**

Tenders for the subject Contract were opened on November 8, 2022 with the following results:

	<b><i>Contractor</i></b>	<b><i>Tendered Amount with GST</i></b>	<b><i>Corrected Amount</i></b>
1.	Blackline Site Works Ltd.	\$298,620.00	No Change
2.	Ghotra Excavating & Trucking Ltd.	\$298,709.25	No Change
3.	Cancon Construction Ltd.	\$314,039.25	No Change
4.	Complete Utility Contractors Ltd.	\$318,782.10	No Change
5.	PW Trenchless Construction Inc.	\$313,167.75	\$324,933.00
6.	Marex Contractors Ltd.	\$333,900.00	No Change
7.	Richco Contracting Ltd.	\$346,068.45	No Change
8.	Lil Bear Contracting Corp.	\$381,675.60	No Change
9.	Drake Excavating (2016) Ltd.	\$390,164.25	No Change
10.	RTR Terra Contracting Ltd.	\$567,646.20	No Change

The pre-tender estimate was \$278,250.00, including GST.

### **Evaluation**

The submissions were reviewed for accuracy and completeness. There was one arithmetic error that had no bearing on the outcome of the tender process. Given the low value of the work, a 10% bid bond, Consent of Surety for a Performance Bond, and a Labour & Materials Bond were not required.

The low bidder, Blackline Site Works Ltd., agreed to complete the work within 30 working days, as stipulated in the Contract. Blackline Site Works Ltd. has limited experience installing utility works, as they are relatively a new company; however, their personnel's past performance on similar work has been satisfactory as confirmed by reference checks. They have no outstanding legal claims against the City. It is recommended that Blackline Site Works Ltd. be awarded Contract No. 4722-003-11.

### **Project Schedule**

The contract work is expected to start in January 2023 and be completed by Spring 2023.

## **SUSTAINABILITY CONSIDERATIONS**

The sanitary sewer main extension supports the City's Sustainability Charter 2.0. In particular, the project relates to the Sustainability Charter 2.0 theme of Infrastructure. Specifically, this project supports the following Desired Outcomes ("DO's") and Strategic Directions ("SD's"):

- All Infrastructure DO<sub>2</sub>: Infrastructure systems provide safe, reliable and affordable services;
- All Infrastructure DO<sub>3</sub>: Infrastructure systems are designed to protect human health, preserve environmental integrity, and be adaptable to climate change impacts;
- All Infrastructure SD<sub>2</sub>: Develop and manage our assets to adapt to technological change; and
- All Infrastructure SD<sub>3</sub>: Develop and manage the green infrastructure network to continue to deliver ecosystem services.

## **FUNDING**

Funding for the sanitary sewer main extension is available in the approved Sanitary Sewer Capital Local Area Service Program, with costs to be recoverable over the amortized period of 15 years based on the Local Area Service charges that will be collected from the benefiting properties.

Scott Neuman, P.Eng.  
General Manager, Engineering

JC/VJ/cc

Appendix "I" – Corporate Report No. R078; 2022  
Appendix "II" - Map of Location – Contract No. 4722-003-11

# CORPORATE REPORT

NO: R078

COUNCIL DATE: April 25, 2022

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## REGULAR COUNCIL

TO: Mayor & Council DATE: April 20, 2022  
FROM: General Manager, Engineering FILE: 4722-004  
SUBJECT: Local Area Service – Sanitary Sewer Extension on 54 Avenue from  
12710 to 12807 – 54 Avenue

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## RECOMMENDATIONS

The Engineering Department recommends that Council:

1. Approve the establishment of a Local Area Service to allow a sanitary sewer main extension on 54 Avenue from 12710 to 12807 – 54 Avenue, as illustrated on the map attached to this report as Appendix "I", at an estimated total cost of \$265,000, which costs will be fully recovered by a Local Area Service charge that will be apportioned based on final costs and on a lot area basis all in accordance with City policy; and
2. Authorize the City Clerk to bring forward the necessary Local Area Service Bylaw for the required readings.

## INTENT

The purpose of this report is to advise Council of a petition that has been received by the City for the installation of a sanitary sewer main extension by way of a Local Area Service ("LAS") process and to seek Council approval for such works to be constructed under a LAS Bylaw in accordance with City Policy.

## DISCUSSION

The owners of properties fronting 54 Avenue from 12710 to 12807 – 54 Avenue (all as illustrated on the map attached as Appendix "I") have petitioned the City to extend a sanitary sewer main to provide sanitary service to the fronting properties. The petition has been certified as being "sufficient" in accordance with the requirements of the *Community Charter*. A copy of the City Clerk's Certificate of Sufficiency is attached to this report as Appendix "II".

To service this area, a typical conventional sewer is not feasible due to an absence of road rights-of-way that follow the natural topography. Therefore, servicing will be achieved through construction of a low pressure sewer system that requires homeowners to provide private pump equipment as their parcel is serviced. Low pressure sewers are used elsewhere in Surrey, particularly in very flat areas or where there are insufficient utility corridors that follow the slope.

The cost of the sanitary sewer extension has been estimated at \$265,000 and will be shared among the properties within the benefiting area based on the lot area and the number of service connections for each property as documented in the Engineer's Report, a copy of which is attached to this report as Appendix "III". This is consistent with the City LAS Policy.

## FUNDING

Funding for the sanitary sewer main extension is available in the approved Sanitary Sewer Capital LAS Program with costs to be recoverable over the amortized period of 15 years based on the LAS charges that will be collected from the benefiting properties.

## SUSTAINABILITY CONSIDERATIONS

The sanitary sewer main extension supports the City's Sustainability Charter 2.0. In particular, the project relates to the Sustainability Charter 2.0 theme of Infrastructure. Specifically, this project supports the following Desired Outcomes ("DO's") and Strategic Directions ("SD's"):

- All Infrastructure DO<sub>2</sub>: Infrastructure systems provide safe, reliable and affordable services;
- All Infrastructure DO<sub>3</sub>: Infrastructure systems are designed to protect human health, preserve environmental integrity, and be adaptable to climate change impacts;
- All Infrastructure SD<sub>2</sub>: Develop and manage our assets to adapt to technological change; and
- All Infrastructure SD<sub>3</sub>: Develop and manage the green infrastructure network to continue to deliver ecosystem services.

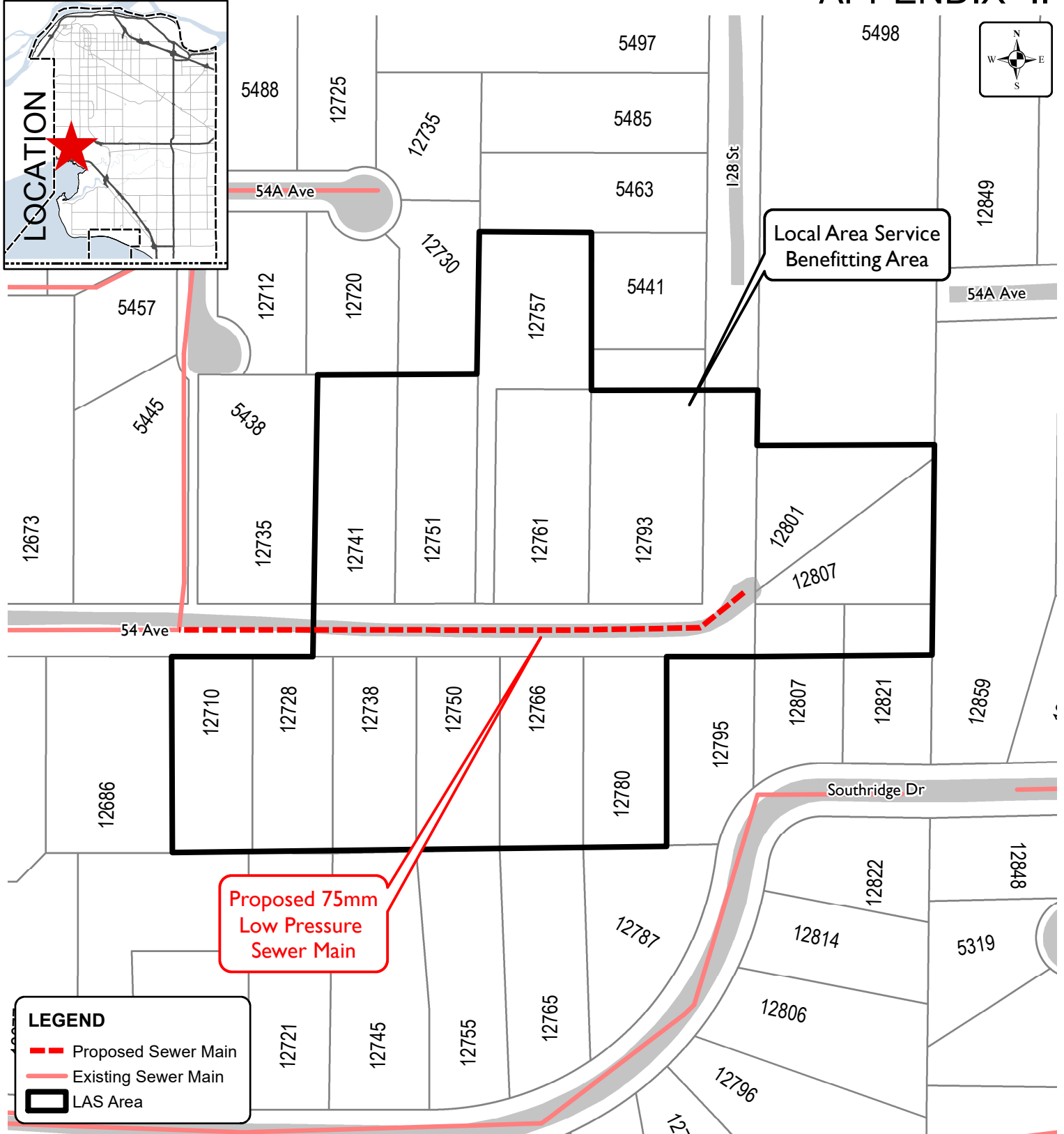
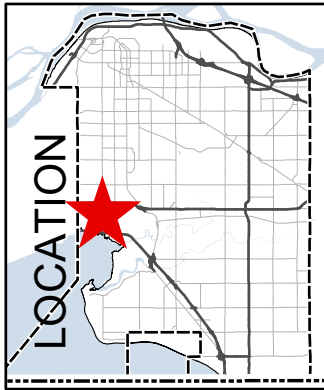
## CONCLUSION

Based on the above discussion, it is recommended that Council approve the establishment of the LAS project and authorize the City Clerk to bring forward the necessary LAS Bylaw for the required readings.



Scott Neuman, P. Eng.  
General Manager, Engineering




Appendix "I": Map of LAS Area Benefitting Properties  
Appendix "II" City Clerk's Certificate of Sufficiency  
Appendix "III" Engineer's Report



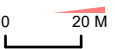
Local Area Service  
Benefitting Area

Proposed 75mm  
Low Pressure  
Sewer Main

**LEGEND**

-  Proposed Sewer Main
-  Existing Sewer Main
-  LAS Area

Produced by GIS Section: 18-Nov-2022, P205803

Scale: 1:2,000 



**Contract No. 4722-003-11**  
**54 Avenue Sewer Extension**

**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.

Source: G:\MAPPING\GIS\Maps\CorporateReps\Utility\JX\_54 Ave-12710 to 12807\_API.mxd