

REGULAR COUNCIL

TO: Mayor & Council

DATE: March 14, 2016

FROM: General Manager, Engineering

FILE: 4713-201/21

**SUBJECT: Award of Contract M.S. 4713-201-11
Crescent Beach Sanitary Sewer Rehabilitation Program**

RECOMMENDATIONS

The Engineering Department recommends that Council:

1. Award Contract M.S. 4713-201-11 to Mar-Tech Underground Services Ltd. in the amount of \$880,820.01, including GST, for Crescent Beach Sanitary Sewer Rehabilitation Program; and
2. Set the expenditure authorization limit for Contract M.S. 4713-201-11 at \$968,900.00, including GST and contingency.

SCOPE OF WORK

The construction package related to this contract consists of rehabilitating the sanitary sewer system in Crescent Beach, specifically at the locations illustrated on the map attached to this report as Appendix "I".

The sanitary sewers in Crescent Beach are showing signs of deterioration and need to be rehabilitated to maintain a reliable system for conveying wastewater. Furthermore, the sewer rehabilitation work will reduce the inflow and infiltration of surface and groundwater into the sewer system, which causes excessive wastewater flows, allowing the City to meet the inflow and infiltration rate limits established under Metro Vancouver's Liquid Waste Management Plan. Due to difficult soil conditions and to minimize the inconvenience to the public, the sewer rehabilitation work will involve lining the inside of the existing sewer pipes using trenchless technology that will not require streets or landscapes to be disturbed.

The contract work is expected to start in May 2016 and be completed by October 2016.

TENDER RESULTS

Tenders for the subject contract were opened on March 3, 2016 with the following results:

Contractor	Tendered Amount with GST	Corrected Amount
1. Mar-Tech Underground Services Ltd.	\$880,820.01	No Change
2. Superior City Contracting Services Ltd.	\$925,155.00	No Change

The Engineer's (Kerr Wood Leidal Associates Ltd.) pre-tender estimate was \$1,143,277.00 including GST.

EVALUATION

Trenchless technology is specialized work and there are only a few contractors in the Lower Mainland who perform this type of work. There are other contractors in Alberta who perform this type of work, one of which did submit a tender and later withdrew it prior to the tender closing.

The City's consultant reviewed the tender submissions for accuracy and completeness. No errors were found. All submissions included the required 10% bid bond, were signed and sealed on the Tender Form, and were initialed on the Summary Sheet of the Schedule of Quantities and Prices.

The low bidder, Mar-Tech Underground Services Ltd., has provided a Consent of Surety for a Performance Bond and a Labour & Materials Bond, and agreed to complete the work by September 2016, as stipulated in the contract. Mar-Tech Underground Services Ltd.'s past performance on similar work has been satisfactory. They have no outstanding legal claims against the City. It is recommended that Mar-Tech Underground Services Ltd. be awarded Contract M.S. 4713-201-11.

SUSTAINABILITY CONSIDERATIONS

This contract will assist in achieving the vision of the City's Sustainability Charter. In particular, the project supports the following Charter Scope actions:

- EN 8: Apply Sustainable Engineering Standards; and
- EC 3: Sustainable Infrastructure Management Practices.

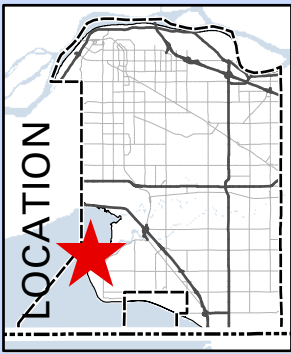
FUNDING

Funding for this contract is available in the approved 2016 Sewer Budget.

Fraser Smith, P.Eng., MBA
General Manager, Engineering

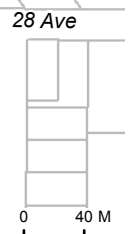
SBN/VJ/clr

Appendix "I" – Map of Location – Contract M.S. 4713-201-11



LEGEND

- Project Location
- Parks



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CONTRACT MS 4713-201-11
Crescent Beach Sanitary Sewer
Rehabilitation 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.