

NO: R163 COUNCIL DATE: **July 23, 2012**

REGULAR COUNCIL

TO: **Mayor & Council**

DATE: **July 18, 2012**

FROM: **General Manager, Engineering**

PROJECT FILE: **4812-004-11**

XC: **4812-004-01**

SUBJECT: **Award of Contract M.S. 4812-004-11
Storm Sewer/Drainage Works at Various Locations**

RECOMMENDATIONS

The Engineering Department recommends that Council:

1. Award Contract M.S. 4812-004-11 to Targa Contracting Ltd. in the amount of \$874,755.84, including HST, for the construction of storm sewer drainage works at various locations;
2. Set the expenditure authorization limit for Contract M.S. 4812-004-11 at \$920,000.00 including contingency and HST; and
3. Authorize and approve the exercise of those powers set out in section 32 of the *Community Charter* over 2175-123 Street (PID 010-337-695) for the purposes of allowing the removal and construction of storm sewer and drainage works contemplated as part of Contract M.S. 4812-004-11 all as generally described in this report.

SCOPE OF WORK

The construction package related to this Contract consists of the construction of storm sewer/drainage works at 6 different locations as listed in the following table and as illustrated on the map attached to this report as Appendix I:

Map Reference Number	Project Description	Location
1	Installation of new storm sewer.	13500 Block of 32 Avenue
2	Installation of service connection to capture overland drainage.	1711-176 Street
3	Replace storm sewer damaged by slope instability and remove temporary storm sewer.	Within railway lands, dedicated highway and drainage statutory right-of-way at or adjacent to 2165 & 2175 - 123 Street
4	Replace existing storm system with new storm sewer.	174 Street from 22 Avenue to 24 Avenue
5	Install new catchbasins and headwall structure to collect City drainage	17900 Block of 0 Avenue
6	Replace existing storm sewer.	Back lane at 17546-57 Avenue

The component of the contract referenced as “3” in the table and on the attached map relates to the replacement of a temporary storm sewer that was installed in January 2011 following a land slide which damaged the original storm sewer system that was installed in the 1990’s. The temporary storm sewer needs to be replaced with a permanent storm sewer. These works will also include removing the remaining appurtenances of the original system as they are within an area of instability and pose a potential hazard to the railway that runs along the toe of the slope.

The permanent works are to be constructed using trenchless technology, at a greater depth than the original works, and will safely convey storm water without being jeopardized by slope instability. The replacement storm sewer works are to be completed within railway lands, dedicated highway and drainage statutory right-of-way on or adjacent to the lots known as 2165 & 2175 - 123rd Street. To facilitate slope and construction monitoring throughout (before, during and after) the removal of the remaining appurtenances of the original system, abandonment and removal of the temporary system, and construction of the permanent system, the City and its contractors may be required to enter the property at 2175 - 123 Street (PID 010-337-695).

At this time access to the property at 2175 - 123 Street has not been secured. Staff is continuing negotiations with this property owner toward obtaining consent for access to allow construction. However, to minimize risks associated with the construction work, the work should be completed during dry weather when soil moisture levels are at their lowest and on this basis, staff is requesting that Council authorize the use of Section 32 of the *Community Charter, SBC chap. 26, as amended* (the “*Community Charter*”) under which the City may enter a property and complete such works as are necessary to service the municipality. If the City exercises such authority the City is required to compensate the property owners for any losses or damages that they suffer as a result of such entry. As the contract will include full reinstatement of the subject property to an equal or better condition, staff does not contemplate the need for any compensation.

All permanent works will be contained within the railway lands, dedicated highway or a statutory right-of-way registered on the lot at 2165 – 123 Street (PID 025-361-864). Upon completion of this contract, no further access is needed to the property at 2175 – 123 Street (PID 010-337-695).

The contract work is expected to commence on July 23, 2012 and be completed by September 14, 2012.

TENDER RESULTS

Tenders for the subject contract were opened on June 19, 2012, with the following results:

<i>Contractor</i>	<i>Tendered Amount with HST</i>	<i>Corrected Amount</i>
1. Targa Contracting Ltd.	\$874,755.84	No Change
2. Mission Contracting Ltd.	\$1,177,625.58	No Change
3. Tybo Contracting Ltd.	\$1,257,040.66	No Change

The Engineer's pre-tender estimate was \$932,300.00 including HST.

EVALUATION

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

The low bidder, Targa Contracting Ltd., has provided a Consent of Surety for a Performance Bond and a Labour & Materials Bond, and agreed to complete the work within 40 working days, as stipulated in the contract. Targa Contracting Ltd.'s past performance on similar work has been satisfactory. They have no outstanding legal claims against the City. It is recommended that Targa Contracting Ltd. be awarded Contract M.S. 4812-004-11.

Legal Services Review

Legal Services has reviewed this report and has no concerns.

SUSTAINABILITY CONSIDERATIONS

Habitat compensation and environmentally sensitive design and construction assist in achieving the objectives of the Economic and Environmental Pillars of the City's Sustainability Charter; more particularly, the following Charter scope action items:

- EN8: Apply Sustainable Engineering Standards and Practices; and
- EN12: Enhancement and Protection of Natural Areas, Fish Habitat and Wildlife Habitat.

FUNDING

Funding for this contract is available in the approved 2012 Drainage Capital Budget.

CONCLUSION

Based on the above discussion, it is recommended that Council:

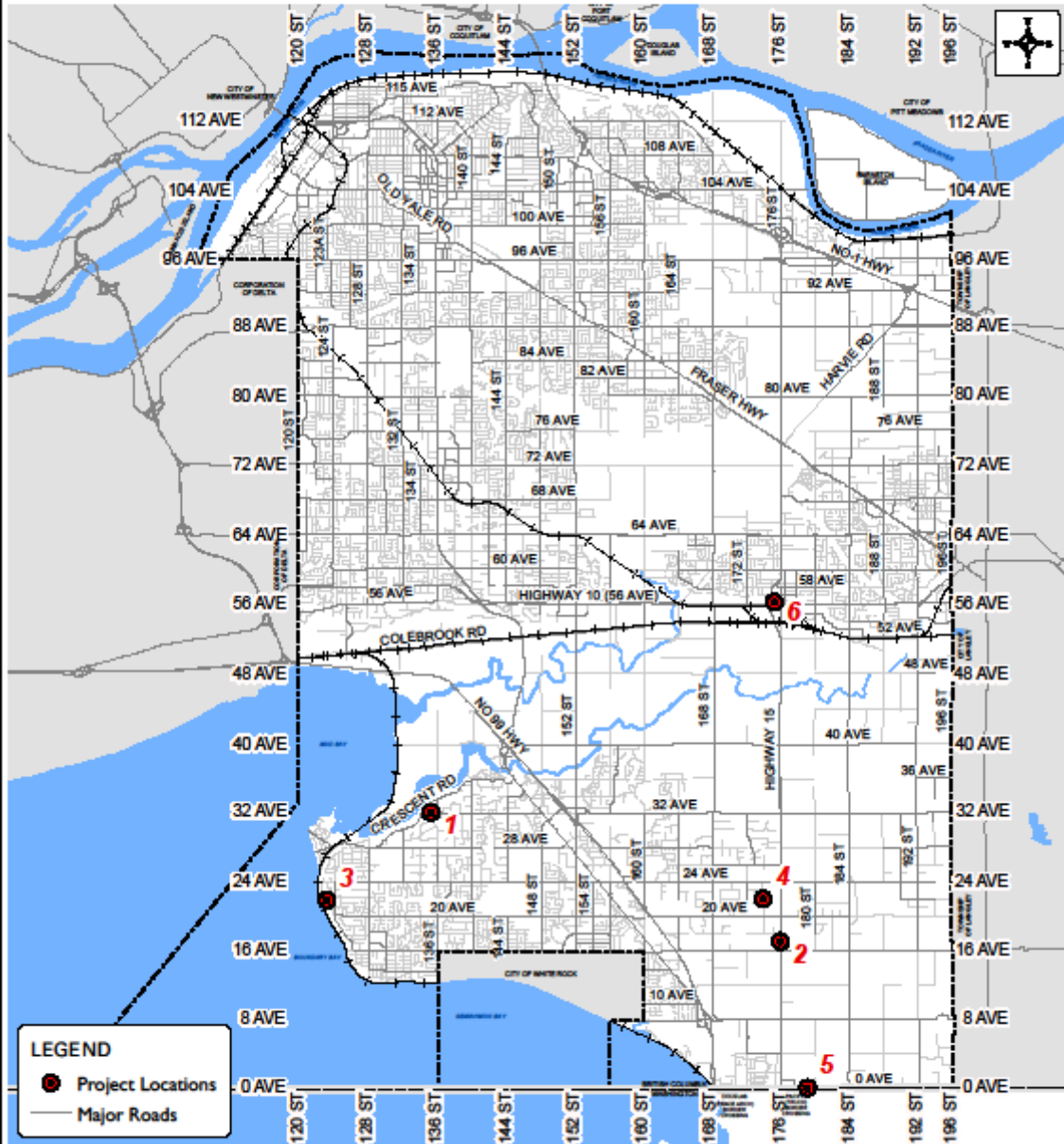
- Award Contract M.S. 4812-004-11 to Targa Contracting Ltd. in the amount of \$874,755.84, including HST, for the construction of storm sewer drainage works at various locations;
- Set the expenditure authorization limit for Contract M.S. 4812-004-11 at \$920,000.00 including contingency and HST; and
- Authorize and approve the exercise of those powers set out in section 32 of the *Community Charter* over 2175-123 Street (PID 010-337-695) for the purposes of allowing the removal and construction of storm sewer and drainage works contemplated as part of Contract M.S. 4812-004-11 all as generally described in this report.

Vincent Lalonde, P.Eng.
General Manager, Engineering

MO/TS/brb:kd

Appendix I – Map of the M.S. 4812-004-11 Minor Drainage Projects

APPENDIX I



Produced by GIS Section: June 8, 2012, AW8



M.S. 4812-004-11 MINOR DRAINAGE PROJECTS

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.

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