

NO: R161

COUNCIL DATE: July 26, 2010

---

## REGULAR COUNCIL

TO: **Mayor & Council** DATE: **July 22, 2010**

FROM: **General Manager, Engineering** PROJECT FILE: **4701-308-11**

SUBJECT: **Award of Contract M.S. 4701-308-11  
Sanitary Trunk Sewer Construction on 106 Avenue from 140 Street to 144 Street**

---

## RECOMMENDATIONS

The Engineering Department recommends that Council:

1. Award Contract M.S. 4701-308-11 for construction of a sanitary trunk sewer on 106 Avenue from 140 Street to 144 Street to Mainland Civil Works Inc. in the amount of \$996,912.00 including HST; and
2. Set the expenditure authorization limit for Contract M.S. 4701-308-11 at \$1,097,000.00 including a contingency and HST.

## SCOPE OF WORK

Contract M.S. 4701-308-11 involves the construction of a 600 mm diameter sanitary trunk sewer on 106 Avenue from 140 Street to just west of 144 Street, traversing Hawthorne Park on the easterly part of this alignment as illustrated in Appendix I. This sanitary trunk sewer will address capacity constraints in the north-eastern sector of City Centre and the local area west of Hawthorne Park. It will ensure that there is sufficient sewer capacity to support future development in these areas.

The construction work is expected to start on August 15, 2010 and be completed by October 15, 2010.

The sewer was designed to cross Hawthorne Park along an existing trail which reduces the number of trees that will be affected by the construction work and the overall environmental impact. After construction the pathway will be reinstated, the affected areas replanted and the affected trees replaced in accordance with the Parks Division's requirements. The pathway width through the Park will be increased from 1.5m to 3.0m. The project will include the removal of invasive species in Hawthorne Park as compensation for the impacts that it creates.

## TENDER RESULTS

Tenders for the subject Contract were opened on July 2, 2010, with the following results:

<i>Contractor</i>	<i>Tendered Amount with HST</i>	<i>Corrected Amount</i>
1. Mainland Civil Works Inc.	\$996,912.00	No Change
2. Pedre Contractors Ltd.	\$1,063,748.00	No Change
3. Targa Contracting Ltd.	\$1,177,245.44	No Change
4. RDM Enterprises Ltd.	\$1,289,128.96	No Change
5. Tag Construction Ltd.	\$1,297,352.00	No Change
6. Sandpiper Contracting LLP	\$1,616,950.61	No Change

The Engineer's pre-tender estimate was \$1,170,400, including HST.

## EVALUATION

The City's consultant reviewed the tender submissions 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, Mainland Civil Works Inc., 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. Mainland Civil Works Inc.'s past performance on similar work has been satisfactory. They have no outstanding legal claims against the City.

It is recommended that Contract M.S. 4701-308-11 be awarded to Mainland Civil Works Inc.

## SUSTAINABILITY CONSIDERATIONS

The construction of the new sanitary trunk sewer supports the Sustainability Charter Scope actions related to:

- EC3: Sustainable Infrastructure Maintenance and Replacement;
- EN8: Sustainable Engineering Standards and Practice; and
- EN12: Enhancement and Protection of Natural Areas, Fish Habitat and Wildlife Habitat.

## FUNDING

Funding for this contract is available in the approved 2010 Engineering Capital Budget.

Vincent Lalonde, P.Eng.  
General Manager, Engineering

VL/SM/brb

Appendix I – Map of Project Location

# APPENDIX I



Produced by GIS Section: July 8, 2010, AW



## 106 AVENUE RELIEF TRUNK SEWER MS 4701-308-11 PROJECT LOCATION

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 size, legal description and acreage must be confirmed at the Land Title Office.

GIS/MAPPING/GIS/MS/AP/S  
CORPORATE REPORTS/ENG-UMS/1461  
AW-SewerAlignment@Benfield/Catchment\_MS-4701-308-11.mxd