

NO: **R074**

COUNCIL DATE: **April 23, 2012**

REGULAR COUNCIL

TO: **Mayor & Council**

DATE: **April 19, 2012**

FROM: **General Manager, Engineering**

FILE: **4811-002/11**

SUBJECT: **Award of Contract M.S. 4811-002-11 - Maple Drainage Pump Station Replacement**

RECOMMENDATION

The Engineering Department recommends that Council:

1. Award Contract M.S. 4811-002-11 to Westport Construction Group Inc. for the construction of the Maple Drainage Pump Station replacement in the amount of \$1,936,480.00 including HST; and
2. Set the expenditure authorization limit for Contract M.S. 4811-002-11 at \$2,150,000.00 including contingency and HST.

SCOPE OF WORK

This contract is for the construction of a replacement of the Maple Drainage Pump Station and related floodbox. The Maple Drainage Pump Station is located in Blackie Spit Park at the north-easterly end of the Dunsmuir Channel as illustrated on the map attached as Appendix I. The Channel is the only stormwater outlet for the community of Crescent Beach and outlets to Mud Bay.

The pump station is being replaced in accordance with the recommendations from the City's Crescent Beach Climate Change Adaptation Study, which resulted in a servicing strategy for the Crescent Beach area to address the area's high groundwater levels and to mitigate the impacts of future sea level rise and increases in precipitation events due to climate change. Following construction of the pump station, a new perforated storm sewer system will be installed in the area in the future.

Staff held a public open house on December 1, 2011 at Crescent Park Elementary School to obtain feedback on the Pump Station replacement project with local residents in attendance generally indicating support for the project.

The City has received confirmation of \$1,042,000 in funding for this project from the Building Canada's Flood Protection Program.

The work of the contract is expected to start on May 1, 2012 and be completed by March 2013.

TENDER RESULTS

Tenders for the subject contract were opened on April 12, 2012 with the following results:

<i>Contractor</i>	<i>Tendered Amount with HST</i>	<i>Corrected Amount</i>
1. Westport Construction Group Inc.	\$1,936,480.00	No Change
2. Graham Construction and Engineering, A JV	\$2,033,347.00	\$2,033,346.56
3. Gateway Infrastructure Group GP	\$2,384,858.56	No Change

The Engineer's pre-tender estimate was \$2,553,500.00 including HST.

EVALUATION

The City's consultant reviewed the tender submissions for accuracy and completeness. There was one arithmetic error that had no bearing on the outcome of the tender process. 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.

Due to the technical nature of the work, potential for changes and a timeline requiring completion by March 2013 to remain eligible for the Building Canada contribution, a contingency allowance is being recommended. The contingency will only be used if necessary and will require Engineering Department approval.

The low bidder, Westport Construction Group Inc., has provided a Consent of Surety for a Performance Bond and a Labour & Materials Bond, and has agreed to complete the work within the 200 working days as stipulated in the contract. Westport's past performance on similar work has been satisfactory. They have no outstanding legal claims against the City. On this basis, it is recommended that Westport Construction Group Inc. be awarded Contract M.S. 4811-002-11.

SUSTAINABILITY CONSIDERATIONS

The proposed drainage works will improve drainage and flood proofing for the Crescent Beach community. The project will support the following scope action items of the City's Sustainability Charter:

- EN 8: Sustainable Engineering Standards and Practices; and
- EN 13: Enhancing the Public Realm.

FUNDING

Funding for this contract is available in the approved 2012 budget.

Vincent Lalonde, P.Eng.
General Manager, Engineering

LW/brb

Appendix 1 – Aerial Photograph of Site

APPENDIX I AERIAL PHOTOGRAPH OF SITE



Produced by GIS Section: March 30, 2012, AW

Date of Aerial Photography: April 2011



MAPLE PUMP STATION

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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