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<b>TO:</b>	<b>CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON MARCH 18, 2013</b>
<b>FROM:</b>	<b>JOHN LUCAS, P.ENG. DIRECTOR WATER AND WASTEWATER AND TREATMENT</b>
<b>SUBJECT:</b>	<b>GREENWAY WASTEWATER TREATMENT PLANT CLARIFIER COMPONENTS TENDER 13-11 - PROJECT ES5084-12</b>

### RECOMMENDATION

That, on the recommendation of the Director, Water and Wastewater and Treatment, the following action **BE TAKEN** with respect to the development of the Greenway Wastewater Treatment Clarifier Components project:

- (a) the bid submitted by WesTech Engineering, Inc., 3365 S. West Temple, Salt Lake City, Utah 84115, at its tendered price of \$262,300.00 (excluding HST), for the supply and commissioning of the Greenway Wastewater Treatment Clarifier Components project **BE ACCEPTED**; it being noted that the bid submitted by WesTech, was the only bid acceptable, three other bids were rejected and disqualified;
- (b) the financing for this work **BE APPROVED** as set out in the Sources of Financing Report attached hereto as Appendix "A";
- (c) the Civic Administration **BE AUTHORIZED** to undertake all administrative acts that are necessary in connection with this project;
- (d) the approvals given herein **BE CONDITIONAL** upon the Corporation entering into a formal contract or issuing a purchase order for the material to be supplied and the work to be done relating to this project (Tender 13-11); and
- (e) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations.

### PREVIOUS REPORTS PERTINENT TO THIS MATTER

None

### BACKGROUND

**Purpose:**

The purpose of this report is to seek Council approval to award the tender to WesTech Engineering, Inc. for the supply and commissioning of the Greenway Wastewater Treatment Plant Clarifier Components.

**Context:**

In 1958 as part of the Greenway Pollution Control Plant expansion, an additional treatment section was commissioned to accommodate growth. The circular secondary clarifier mechanism in section two (2) which is located on the east side of the plant has been operational ever since and is now 55 years old. The clarifier is approximately 33.8 meters in diameter and handles approximately 50 percent of the section two flows or roughly 17 Megalitres per day. This represents 10 percent of the total flow treated at Greenway.

The clarifier mechanism is deteriorating at a fast rate and is at risk of failure. Over the last five years, Operations Staff have been repairing parts to prolong the mechanism. This existing clarifier mechanism has reached the end of its useful life and requires replacement.

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In June 2012, R.V. Anderson Associates Ltd. prepared a supply and installation contract for the section two (2) clarifier mechanism. Four (4) contractors' submitted tenders and all of them were over the City's budget and exceeded the allotment time to complete the work. City staff revisited this project and with the aid of R.V. Anderson Associates Ltd., prepared a separate pre-purchase tender for the clarifier components to obtain a more competitive bid and reduce the delivery times. A separate tender for the installation of the clarifier components will be issued in the coming months. It is expected that the circular secondary clarifier in section two (2) will be offline for one (1) to two (2) months while the work is being completed during the low flow periods in late summer and fall.

The approximate cost savings with a pre-purchase tender and installation tender in comparison with last year's supply and install tender are expected to be between \$100,000 and \$150,000.

**Discussion:**

Four tenders were received for the Greenway Wastewater Treatment Clarifier Components project and three were opened on Wednesday February 6, 2013. Two tenders were disqualified due to the Form of Tenders not being completed correctly by the respective contractors. After the three tenders were opened, an additional tender came in late and was returned to the contractor unopened.

Contractors submitted tenders as follows:

CONTRACTOR		TENDER PRICE SUBMITTED (exclusive of HST)	CORRECTED TENDER PRICE (exclusive of HST)
1.	WesTech Engineering Inc.	\$262,300.88	\$262,300.00
2.	Ovivo Canada, Inc.	Rejected – Informal /Unbalanced	-
3.	Envirodyne Systems Inc.	Rejected – Informal /Unbalanced	-
4.	Kuster Water	Rejected - Late Submission	-

WesTech Engineering Ltd. was the only qualified bid at \$262,300.00 (excluding HST) with a contingency allowance of \$25,000.00. Their tender price is less than the Consultants pretender estimate of \$350,000.00 (excluding HST). The tender price has been checked by R.V. Anderson Associates Ltd. and Environmental and Engineering Services.

There are no anticipated additional operating costs to the Environmental and Engineering Services budget in 2013 or subsequent years associated with the approval of this tender.

**Conclusions:**

Although there was only one acceptable bid, the tendering process was competitive with four (4) submissions and given the fact that the tender price was lower than the consultants estimate it is recommended that WesTech Engineering, Inc. be awarded the contract.


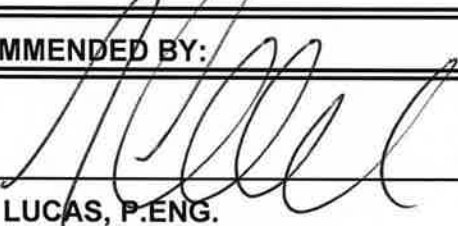

The tender price was compared with the previous tender in June 2012, and was deemed to be reasonable.

**Acknowledgements:**

This report was prepared by Mark Elliott, Senior Engineering Technologist, within the Environmental and Engineering Services Department, Wastewater Treatment Operations Division.

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<b>SUBMITTED BY:</b>	<b>RECOMMENDED BY:</b>
	
<b>GEORDIE GAULD DIVISION MANAGER, WASTEWATER AND TREATMENT OPERATIONS</b>	<b>JOHN LUCAS, P.ENG. DIRECTOR, WATER &amp; WASTEWATER AND TREATMENT</b>
<b>REVIEWED &amp; CONCURRED BY:</b>	
	
<b>JOHN BRAAM, P.ENG. MANAGING DIRECTOR ENVIRONMENTAL AND ENGINEERING SERVICES &amp; CITY ENGINEER</b>	

February 28, 2013

Attach: Appendix "A" – Sources of Financing

C.c. James R. Hanson - WesTech Engineering, Inc.  
Dave Evans, P.Eng - R.V. Anderson Associates Ltd.