

May 9, 2019

File: 0788.0053.01

City of Grand Forks
Box 2220, 7217-4th Street
Grand Forks, BC V0H 1H0

Attention: Dolores Sheets, Manager of Development and Engineering**RE: GRAND FORKS WWTF UPGRADE**

Three (3) bid submissions were received at the City of Grand Forks at 2:00 PM on April 30, 2019, for the Wastewater Facility Upgrade project. We have reviewed the bid submissions for compliance with the requirements. All Bids were compliant and included the required Bid Bond and experience documents. Table 1 below lists the Bid prices, and Table 2 provides comments on the Bid packages.

Table 1 – Bid Prices

Submitted By		Bid Price (Including Optional Work, excluding GST)
1	Maple Reinders Constructors Ltd.	\$ 2,982,000
2	Acres Enterprises Ltd.	\$ 3,543,300
3	Carver Construction	\$ 3,446,275

Table 2 – Bid Package Review

Submitted By		Comments on Bid Package
1	Maple Reinders Constructors Ltd.	- Bid amended to deduct \$7,018,000 from Bid Price
2	Acres Enterprises Ltd.	- Bid amended to deduct \$2,456,700 from Bid Price
3	Carver Construction	- no comments

The low Bid is from Maple Reinders Constructors Ltd. We have contacted Maple Reinders and they are satisfied with their Bid. They are prepared to enter into a contract with the City of Grand Forks if awarded the project. Maple Reinders has extensive experience in wastewater and water facilities construction. We are familiar with their references and are confident that they would have excellent reports on Maple Reinders' performance.

OVERALL BUDGET CONTEXT

Approved grant budget from CWWF funding program:	\$4,010,000
Approved grant budget from NBC funding program	\$630,000
Approved project value from 2 grant programs	\$4,640,000

The City's share is based on the following:

17% of the CWWF funded project:	\$681,700
33% of the NBC funded project	\$210,000

The City also opted to include some non-funded expenditures:

Environmental Impact Study	\$40,000
Apply for Fortis rebate and new service	\$24,220
Desludge Cell #2	\$508,000

Total value of City contribution	\$1,463,920
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The overall expenditures are:

Equipment procurement and pre-build, cell #1 desludge	\$1,440,940
Received low bid from Maple Reinders:	\$2,982,000
Non – grant expenditures	\$572,220
Contingency and inspection estimate:	\$277,000
Total Value:	\$5,272,160

The net cost to the City for the overall project is $\$1,463,930 / \$5,272,160 = 27.8\%$. The attached Table 3 provides a detailed breakdown of the expenditures.

Notes:

1. The NBC grant fund was approved to be increased by \$170,000 to cover the relocation of the facility due to severe flooding.
2. The Environmental Impact Study was required by MOE
3. The de-sludging of Cell #2 was considered an operations expenditure and did not qualify for capital grant funding. Desludging of Cell#1 was necessary to facilitate installation of new diffusers, so \$100,000 was included in the grant.
4. The pre-tender estimate for the value of the general contract was \$2.2 to \$2.8 million.

Attention: 0788.0053.01
File: Leford Lafayette – Development and Engineering
Date: May 9, 2019
Page: 3 of 4



It is understood that transfers from other non-urgent initiatives can be transferred to cover the non-grant expenditures.

Maple Reinders has indicated they are prepared to collaborate in an exercise to determine if cost savings can be achieved on the general contract.

Upon your review of the foregoing, we are prepared to recommend award of the contract to Maple Reinders Constructors Ltd.

A handwritten signature in blue ink, appearing to be "Scott Shepherd".

Scott Shepherd, A.Sc. T.
Project Manager

A handwritten signature in blue ink, appearing to be "Peter Gigliotti".

Peter Gigliotti, P.Eng.
Senior Engineer

Table 3 – Combined Budget Summary

Combined Budget Summary (UV & WWTP)	
<i>Funding Summary</i>	
CWWF	\$ 4,010,000.00
NBC	\$ 630,000.00
Total Budget	\$ 4,640,000.00
<i>Cost Summary</i>	
<i>Grant Funded Costs to Date</i>	
Balancing Tank	\$ 287,000.00
Railway Crossing	\$ 133,300.00
Cell #1 Desludging	\$ 100,000.00
Centrifuge Supply	\$ 322,400.00
UV Design	\$ 37,359.00
PICA Electrical	\$ 50,881.00
Civil Design & Construction	\$ 510,000.00
Sub-Total	\$ 1,440,940.00
<i>Other Costs to Date</i>	
EIS	\$ 40,000.00
PICA - Fortis Rebate, New Service	\$ 24,220.00
Cell #2 De-sludging	\$ 508,000.00
Sub-Total	\$ 572,220.00
Sub-Total Costs to Date	\$ 2,013,160.00
<i>Estimated Remaining Costs</i>	
MRI Tender Price*	\$ 2,982,000.00
Construction Contingency	\$ 120,000.00
Civil Construction Period Services	\$ 117,000.00
PICA Construction Period Services	\$ 40,000.00
Sub-Total Remaining Costs	\$ 3,259,000.00
Total Costs	\$ 5,272,160.00
Surplus/Deficit**	-\$632,160.00