

Request for Decision



To: Regular Meeting

From: **Development, Engineering & Planning**

Date: May 21, 2019

Subject: Wastewater Treatment Facility (WWTF) Upgrades Project

Recommendation: **THAT Council approves funding for the budget deficit of \$632,160 for completion of the WWTF Upgrade Project through reallocation of project funding in the 5 Year Financial Plan as follows:**

- 1) Reduce the Granby River Forcemain crossing by \$7,160.00**
- 2) Reduce the MWR requirements by \$100,000.00**
- 3) Reduce the Bio-Solids Land Application Plan by \$25,000.00**
- 4) Reduce the National Disaster Mitigation Plan by \$300,000.00**
- 5) Reduce the SIIP Capital and Planning by \$200,000.00.**

Background

Three (3) bid submissions were received by the City of Grand Forks at 2:00 PM on April 30, 2019, for the final phase of the Wastewater Treatment Facility Upgrade (WWTF Upgrade) project. The bid review memorandum is attached to this Request for Decision. With the low bid provided by Maple Reinders Constructors Ltd., the project has a budget deficit of \$632,160.00.

The options regarding the next steps of the WWTF Upgrade project are presented here.

Funding Strategy

In order to fund the budget deficit of the WWTF Upgrade project, funding for some projects which are currently noted in the 5 Year Financial Plan will need to be reallocated. Below is a list of projects and related funding that can be reallocated to the WWTF Upgrade Project:

1. Granby River Forcemain crossing \$ 7,160.00
 - This project is no longer required as Public Works has made necessary repairs. As such funding can be reallocated to the WWTF Upgrade Project.
2. MWR Discharge Requirements \$ 100,000.00

- This project was related to the harmonization of federal and provincial regulations which is currently on hold. This budget item is directly related to the WWTF Project. As such funding can be reallocated for this portion of the project.
- 3. Bio-Solids Land Application Plan \$ 25,000.00
 - The requirements of this project have been fulfilled by the recent Sewer Phasing Plan. As such, funding can be reallocated to the WWTF Upgrade Project.
- 4. National Disaster Mitigation Plan \$ 300,000.00
 - The City was not successful in obtaining the grant required to complete this project. As such, funding can be reallocated to the WWTF Upgrade Project.
- 5. SIIP Capital and Planning \$ 200,000.00
 - This project has \$800,000.00 in reserves. \$200,000.00 of these reserves can be reallocated to the WWTF Project.

In total, the City can reallocate \$ 632,160.00 which will cover the deficit noted in the attached bid review memorandum.

Benefits or Impacts

General

Completion of this project brings our aging wastewater treatment facility into compliance with the BC Municipal Wastewater Regulation. These improvements will immediately produce cleaner discharge waters to the Kettle River and facilitate the reduction of on-site septic systems in the City. Septic systems are currently discharging into the ground directly above the unconfined sand and gravel Grand Forks aquifer, which provides the only water supply for the City and most of the valley's residents.

Strategic Impact



Community Engagement

- The project has been presented at open public meetings and capital planning open house events.



Community Livability

- By improving the capacity and treatment effectiveness of wastewater treatment, this project is fully in support of the principles of the City's Official Community

Plan, which aims to protect the environment and natural diversity and manage assets sustainably.



Economic Growth

- Increased capacity of the facility facilitates future growth.



Fiscal Responsibility

- The City's portion of funds for this project are 17% (\$681,700) of \$4,010,000 for the WWTF Upgrades Project and 33% (\$210,000) of \$630,000 for the UV Disinfection Project. The remainder of funding is from provincial and federal grants and these funds are of considerable financial benefit to the community.

Policy/Legislation

BC Municipal Wastewater Regulation

Attachments

Bid Summary Review

Recommendation

THAT Council approves funding for the budget deficit of \$632,160 for completion of the WWTF Upgrade Project through reallocation of project funding in the 5 Year Financial Plan as follows:

- 1) Reduce the Granby River Forcemain crossing by \$7,160.00**
- 2) Reduce the MWR requirements by \$100,000.00**
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- 5) Reduce the SIIP Capital and Planning by \$200,000.00.**

Options

1. THAT Council accepts the report.
2. THAT Council does not accept the report.
3. THAT Council refers the matter back to staff for further information.

Report Approval Details

Document Title:	2019-05-21 RFD WWTF Project Funding Request.docx
Attachments:	- 2019-05-02 - Grand Forks WWTF Upgrade - Bid summary letter.pdf
Final Approval Date:	May 13, 2019

This report and all of its attachments were approved and signed as outlined below:

Diane Heinrich - May 13, 2019 - 9:41 AM