
Request to Exceed in Excess of 25% of Contract No. 16-0053, Fletcher Road Sewer Upgrades

Recommendation

That the Standing Policy Committee on Environment, Utilities and Corporate Services recommend to City Council:

That the Administration be given approval for Contract No. 16-0053, Fletcher Road Sewer Upgrades to exceed 25% of the contract value.

Topic and Purpose

The purpose of this report is to request approval to exceed 25% of the contract value on Contract No. 16-0053 which is being executed under Capital Project #1501-1 - Trunk Sewer - Upgrade to Fletcher Road Sanitary Lift Station.

Report Highlights

1. Capital Project #1501-1 - Trunk Sewer - Upgrade to Fletcher Road Sanitary Lift Station provides funding for twinning the sanitary trunk on Fletcher Road between Buckle Avenue and the lift station, and upsizing the current force main leaving the lift station to increase capacity in the southwest industrial area.
2. Inaccurate information and aging infrastructure has caused redesign and schedule delays.

Strategic Goal

The report supports the Strategic Goal of Sustainable Growth as work completed under this contract will provide additional sanitary capacity and water main infrastructure in the Fletcher Industrial area.

Background

In 2016, the City awarded Contract No. 16-0053, Fletcher Road Sewer Upgrades. The scope of work was to install a force main along Fletcher Road from the lift station to 11th Street West, a gravity sewer main from Buckle Avenue to the lift station, as well as roadway resurfacing.

During the 2016 season, the Fletcher Road project experienced multiple challenges and delays, the majority which were due to inaccurate historical drawings and old water main valves which were leaking and required replacement. Water infiltration caused unstable trench conditions requiring over excavation, and additional road restoration.

Report

Scope of Work

During the 2017 construction season, the project continues to experience delays due to aging infrastructure and inaccurate information. There have been multiple instances

where inaccurate data of existing utilities and as-built records have resulted in redesign and delays. Water from old infrastructure entering the trench continues to be an issue. When trenches/slopes become saturated, the walls of the trench will fail creating a safety hazard, therefore, over-excavation is required to ensure a safe and suitable trench for workers.

The contractor continues to work on this project with the next steps being the two intersections, one at Buckle Avenue and Fletcher Road, and the other being the east intersection of 11th Street West and Avenue W South. Preliminary investigation of the 11th Street West intersection has indicated that hydrocarbons are present. Additional measures will need to be taken to address the environmental issues and imported fill material is expected to be required to complete the work.

Public and/or Stakeholder Involvement

The Fletcher Road sewer project is located in the southwest industrial area of Saskatoon and nearby businesses have been engaged along the way. At key junctures, all affected business owners are provided with an in-person update by a member of the project team. Moving forward, public information sessions may be considered for these primary stakeholders.

As work continues on the Fletcher Road project, there will be traffic impacts at new locations such as the east intersection of 11th Street West and Avenue W South. The City will continue to engage all adjacent businesses and any other primary stakeholders. Consultation will also be carried out with Dangerous Goods Routing to set out a plan for rerouting trucks and other transport vehicles that use 11th Street West.

Communication Plan

Construction and the resultant traffic impacts will be communicated in the standard ways including road signage, construction notices, Public Service Announcements, service alerts, Daily Road Report, and through updates to web content and applications at saskatoon.ca.

Policy Implications

According to Policy A02-027, Corporate Purchasing Procedure, City Council approval is required for contract increases above 25% of the original contract value.

Financial Implications

Details of the estimated project cost that pertain to Contract No. 16-0053, Fletcher Road Sewer Upgrades are as follows:

Anticipated Final Contract Cost	\$2,474,803.53
Less Original Contract Cost	<u>(1,803,613.00)</u>
Subtotal Cost over the Original Contract Cost	\$ 671,190.53
PST (6% on Change Order No. 2)	<u>29,449.75</u>
Change Order Amount being requested	<u>\$ 700,640.28</u>

There is sufficient funding in Capital Project #1501-1 - Trunk Sewer - Upgrade to Fletcher Road Sanitary Lift Station to cover the additional funding requirements.

Environmental Implications

In approximately one month, work will begin at the east intersection of 11th Street West and Avenue W South at the main gate of Suncor Industries. There are concerns that there may be contaminated material within the zone of excavation at this location and City of Saskatoon Environmental Engineers will be consulted to provide support.

Other Considerations/Implications

There are no options, privacy, or CPTED implications or considerations.

Due Date for Follow-up and/or Project Completion

Contract No. 16-0053, Fletcher Road Sewer Upgrades is planned to be completed in 2017.

Public Notice

Public Notice pursuant to Section 3 of Policy No. C01-021, Public Notice Policy, is not required.

Report Approval

Written by: Jim Donohoe, Project Engineer, Construction & Design
Reviewed by: Matt Jurkiewicz, Senior Project Management Engineer
Reviewed by: Celene Anger, Director of Construction & Design
Approved by: Angela Gardiner, Acting General Manager, Transportation & Utilities Department