



Capital Budget Request - DESIGN

Project Name	Urban Infrastructure Rehabilitation Design 2019 - 2021		\$	3,500,000
Order Code	601900	Project Location	Fort McMurray	
Project Category	Transportation	Ward	1 - Fort McMurray	
Type of Project	Lifecycle - Design	Municipal Function	32 - Road Transport	

Project Description and Scope

Roads, underground and above ground utilities (water supply, sanitary sewer system and storm drainage network) are the most significant assets for the city to provide essential services for its residents and customers. Keeping these assets in good operable condition is essential to continue daily life in a safe manner and attracting investment to support further growth. The timely rehabilitation of roadways, underground infrastructure (water, drainage and sanitary sewers) and sidewalks will allow the municipality to maintain the above-mentioned asset in acceptable condition, improve the safety and reliability of the assets and ensure the preservation or extension of the life span of the asset.

This project will undertake an analysis of existing assets by: collecting historical data related to breakage and maintenance records of the underground utilities; reviewing the updates recommended in various masterplans, road assessment data, close circuit video of the underground utilities; considering identified deficiencies by various studies/assessments, preliminary engineering reports; and above all taking consideration of the observation and performance of the assets directly from the operation groups. There would be two distinct components in the scope: preliminary engineering and detail design. The preliminary engineering will create a program for the next three years by prioritizing the critical need of the assets and Municipality's investment plan to protect its assets. The detail design will produce construction contracts for next three years program that prioritize critical needed of the assets and extend the service life of the assets.

Project Cash Flows

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other
2019 & Prior	1,000,000				
2020	1,500,000				
2021	1,000,000				
2022	-				
2023	-				
2024	-				
Thereafter	-				
Total Budget	3,500,000	-	-	-	-

Additional Funding Details

Business Case Created By	<u>Abdur Rashid</u>
Project Sponsor Branch	<u>Engineering</u>
Project Sponsor Department	<u>Engineering Services</u>
Project Delivery Branch	<u>Engineering</u>
Project Delivery Department	<u>Engineering Services</u>