



Capital Budget Request - DESIGN & CONSTRUCTION

Project Name **Abasand Heights Pumphouse - Construction** \$ **5,600,000**

Order Code **New** Project Location **Abasand**

Project Category **Environmental** Ward **1 - Fort McMurray**

Type of Project **Lifecycle - Construction** Municipal Function **41 - Water Sup & Distribution**

Project Description and Scope

The purpose of the project is to improve the water supply system from the Abasand reservoir to the neighborhood, as well as replacement of the current generator with a new generator.

Due to re-building activities, several areas in Abasand were identified to be at risk of lacking fire suppression. This includes high-density populated areas located at high elevation in southwest Abasand. A feasibility study carried out for the Abasand reservoir confirmed the need for this project. Not implementing this project will have some areas in Abasand with insufficient fire protection. the scope of the project includes the upgrade of the yard piping, the process mechanical, the building mechanical, the electrical & instrumentation & and controls, structural and architectural, commissioning and startup.

This site is the highest point in the city and all the communications from our various reservoirs and pumphouses rely on the relay that is located on this site. We currently have one diesel generator, but we need to upgrade that generator for a more reliable one, to ensure that should be power go out, we can maintain communication with the various locations and our main plant.

Project Cash Flows

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other
2019 & Prior	-				
2020	4,000,000				
2021	1,600,000				
2022	-				
2023	-				
2024	-				
2025	-				
Thereafter	-				
Total Budget	5,600,000	-	-	-	-

Additional Funding Details

Business Case created by _____

Project Sponsor Branch Water Treatment

Project Sponsor Department Public Works

Project Delivery Branch Engineering

Project Delivery Department Engineering Services