



Capital Budget Request - DESIGN & CONSTRUCTION

Project Name	Rural SCADA - Design	\$	180,000
Order Code		Project Location	Multi Rural
Project Category	Public Safety	Ward	4 - Conklin/ Janvier/Anzac/Gregoire Lake Estar
Type of Project	Lifecycle - Predesign	Municipal Function	41 - Water Sup & Distribution

Project Description and Scope

A Consultant should be retained to create and implement a Rural SCADA Master Plan. The scope is to include a Program Logic Controllers (PLC), HMIs, Supervisory Control and Data Acquisition (SCADA) communications, Rural Control room and Master alarm dialer. The system will allow rural operations to stay in communication with all infrastructure. This will be a multi-year project. The SCADA will allow Operations have control of our remote facilities during work hours and as well after hours. The SCADA system will also be a cost saver for the RMWB, as staff will not have to drive to remote locations outside of working hours for example it takes about 1.5hrs to reach Conklin from Fort McMurray. A dial-in to the plant utilizing a SCADA system will enhance service levels.

Project Cash Flows

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other
2019 & Prior	-				
2020	180,000				
2021	-				
2022	-				
2023	-				
2024	-				
2025	-				
Thereafter	-				
Total Budget	180,000	-	-	-	-

Additional Funding Details

Business Case created by	<u>Hughie Gillis</u>
Project Sponsor Branch	<u>Rural Operations</u>
Project Sponsor Department	<u>Public Works</u>
Project Delivery Branch	<u>Engineering</u>
Project Delivery Department	<u>Engineering Services</u>