



Regional Board Report

Request for Decision



To: Regional Board

From: David Komaike, Director of Engineering

Date: July 14, 2022

Subject: UBCM Strategic Priorities Grant Applications – Engineering Projects

Voting Entitlement: *All Directors – Unweighted Corporate Vote – Simple Majority (LGA s.208)*

Purpose: To consider approving the submission of three grant applications to the UBCM Canada Community Building Fund, Strategic Priorities Grant (2022 intake).

Executive Summary:

The Canada Community-Building Fund (CCB) provides predictable, long-term, and stable funding to local governments in British Columbia for investment in infrastructure and capacity-building projects. The Administrative Agreement on the Federal Gas Tax Fund in British Columbia (2014), a tripartite agreement between Canada, British Columbia, and the Union of BC Municipalities (UBCM), provides the administrative framework for the delivery of the CCB Fund over ten years (2014-2024).

Engineering services requests Regional Board approval for three applications to the Strategic Priorities Fund, a sub-fund of the CCB. The projects are:

- | | |
|---|--------------|
| • RDCO Asset Management Capacity Building Project 2023-2025 | \$250,705.00 |
| • RDCO Admin Building Solar Project 2023 | \$159,972.00 |
| • RDCO WRWWTP Roof Renewal Project | \$451,474.00 |

The abovementioned projects support the purchase of new assets, the renewal of assets, and asset management planning activities.

Recommendation(s):

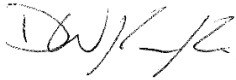
THAT the Regional Board approve the Regional District of Central Okanagan UBCM Strategic Priority Fund Grant application submission seeking a \$250,705.00 grant to complete the “*RDCO Asset Management Capacity Building Project 2023-2025*” capacity building – asset management project;

AND THAT the Regional Board approve the Regional District of Central Okanagan UBCM Strategic Priority Fund Grant application submission seeking a \$159,972.00 grant to complete the “*RDCO Admin Building Solar Project 2023*” capital infrastructure – community energy systems project;

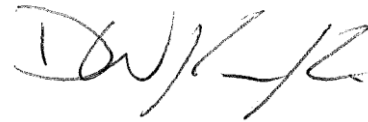
AND FURTHER THAT the Regional Board approve the Regional District of Central Okanagan UBCM Strategic Priority Fund Grant application submission seeking a \$451,474.00 grant to complete the “*RDCO WRWWTP Roof Renewal Project*” capital infrastructure – wastewater.

Respectfully Submitted:

Mimi Miller



Mareike Mimi Miller, Asset Management Analyst



David Komaike, Director of Engineering

Strategic Plan Alignment:

Priorities: Sustainable Communities, Environment

Values: Transparency, Regional Perspective

Background:

The Canada Community-Building Fund (CCB) provides predictable, long-term, and stable funding (\$3.052 billion between 2014 and 2024) to local governments in British Columbia for investment in infrastructure and capacity-building projects. The Administrative Agreement on the Federal Gas Tax Fund in British Columbia (2014), a tripartite agreement between Canada, British Columbia, and the Union of BC Municipalities (UBCM), provides the administrative framework for the delivery of the Fund.

The Fund is guided by national program objectives, which include productivity, economic growth, a clean environment, and strong cities and communities, and is delivered by UBCM through three program streams: the Community Works Fund; the Strategic Priorities Fund; and the Greater Vancouver Regional Fund. The Strategic Priorities funding stream allows Regional Districts to submit three funding applications under the infrastructure categories and one under the capacity-building category equaling a maximum of \$6,000,000.

The Regional District's Engineering Department Requests Board approval to submit three applications to the Strategic Priorities Fund (SPF): one application under the capacity building - asset management category, one application under the Capital Infrastructure – Community Energy System category, and one application under the Capital Infrastructure – Wastewater category.

The proposed grant applications align with the principles of technical, financial, and environmental sustainability.

As part of the application process, it is requested that the applicant seeks approval from the Regional Board to submit an application on behalf of the Regional District. Therefore, staff request support from the Regional Board to apply to UBCM for Strategic Priorities Funding.

The Proposed Projects:

RDCO Asset Management Capacity Building Project 2023-2025

This project consists of the following three sub-projects:

- RDCO Asset Management Software Feasibility Study & Data Strategy – The purpose of this study and strategy is to guide the organization's path forward regarding how asset data is collected, housed, updated, and made available for decision making. The project's timeline is one year.
- Facility and Site Condition Assessments – These condition assessments are meant to guide asset renewal and funding strategies moving forward. The project timeline is six months.
- Fire Services Asset Management Plan – The purpose of a Fire Services Asset Management Plan is to guide the management of all fire-related assets; this includes assets belonging to the four RDCO Volunteer Fire Departments and the Regional Rescue Service. The project timeline is one year.

Project Title: RDCO Asset Management Capacity Building Project 2023-2025	
RDCO Asset Management Software Feasibility Study & Data Strategy	\$ 104,000.00
Facility and Site Condition Assessments	\$ 42,705.00
Fire Services Asset Management Plan	\$ 104,000.00
Total Project	\$ 250,705.00

*Project costs include contingency amounts.

RDCO Admin Building Solar Project 2023

The purpose of this project is to install solar panels on the RDCO administrative building. The solar panels are expected to produce 10% of the electricity required by the facility. The project payback period is anticipated to be 14 years, and the asset lifecycle is projected at 25 years. Further, as the organization moves forward with implementing electric vehicle charging stations, the solar energy system will offset the impact on the existing electric infrastructure. The project timeline is six months.

Project Title: RDCO Admin Building Solar Project 2023	
Solar Energy System for Admin Building	\$ 159,972.30
Total Project	\$ 159,972.30

*Project costs include contingency amounts.

RDCO WRWWTP Roof Renewal Project

The purpose of this project is to renew the roofs at the Westside Regional Wastewater Treatment Plant (WRWWTP). A recent roof assessment showed that the rooftops of all four buildings are due for renewal between 2025 and 2028. The project's timeline is three years and is expected to start in 2025.

Project Title: RDCO WRWWTP Roof Renewal Project	
Engineering/Detailed Assessment Fees	\$ 21,498.75
Roof Renewal UV Building	\$ 87,750.00
Roof Renewal Operations Building	\$ 236,250.00
Roof Renewal Headworks Building	\$ 60,750.00
Roof Renewal Biosolids Loading Building	\$ 45,225.00
Total Project	\$ 451,473.75

Considerations:**Organizational/External:**

Capacity building – asset management project will require internal stakeholder engagement.

Financial:

As per the RDCO Administrative Overhead Policy No. 7.19 (Policy Resolution No. #241/11), capital overhead expenses apply to the WRWWTP Roof Renewal Project and operating overhead applies to the capacity-building project. The grant does not cover overhead expenses. They will need to be included in the 2023-2027 Financial Plan Bylaw should the applications be approved and successful.

Anticipated Project Overhead Amounts	Project Cost	Anticipated Overhead Percentage	Anticipated Overhead
Fire Services Asset Management Plan. The operating overhead will be spread across five fire services: Ellison Fire - 021, Joe Rich Fire - 022, N.W. Road Fire Rescue - 023, Wilson's Ldng. Fire - 024, Regional Rescue Service - 030. Each service is anticipated to carry ~\$2,300 overhead expense.	\$ 104,000.00	11%	\$ 11,440.00
Project Title: RDCO WRWWTP Roof Renewal Project.	\$ 451,473.75	4.5%	\$ 20,316.32

The Solar Energy Project, the Software Feasibility Study & Data Strategy, and the Facility and Site Condition Assessments do not attract overhead as these projects are included in the Corporate Services budget.

Alternate Recommendation:

THAT the Regional Board receive the “UBCM Strategic Priorities Grant Applications – Engineering Projects” report for information.

Considerations not applicable:

- Legal/Statutory Authority: