

Memorandum

Date: January 8, 2021
Submitted by: Engineering and Operations Department – Project Delivery Services Division
Subject: Recreation Complex Chiller Replacement – COVID-19 Resilience Infrastructure Stream (CVRIS) Grant Application 2021

The COVID-19 Resilience Infrastructure Stream (CVRIS) is a component of the overarching Investing in Canada Infrastructure Program (ICIP), which provides funding through an Integrated Bilateral Agreement (IBA) between Canada and British Columbia for capital projects. The CVRIS stream was created in response to the effects of the COVID-19 pandemic on communities across the country. The CVRIS targets capital infrastructure projects in communities that will increase the safety and resiliency of British Columbians and provide retrofits, repairs, and upgrades to local government and indigenous buildings. One key criteria of the CVRIS program is the focus on “shovel-ready” projects that are at an advanced stage of planning or final design, and must be completed by December 31, 2021.

The total funding CVRIS commitment by the Canadian and BC governments is up to \$80.29 million, and total funding contribution by federal and provincial governments for individual projects will total up to 100% of eligible project costs. The deadline for application to the CVRIS program is January 27, 2021, and the program will utilize a rolling intake, which means applications may be reviewed as they are received by Municipal Affairs.

The chiller replacement project has completed a final design and has already completed the tender process, with a preferred proponent and contract to award, pending approval of the CVRIS grant application. The project meets the criteria for a shovel-ready project, and the works are scheduled for completion in summer 2021. The project includes the supply and installation of components including replacement of two shell and tube chillers with two plate and frame chillers for Arena 1 and the Curling Rink, brine pump replacement, piping upgrades, control, and electrical upgrades and evaporative condenser water treatment automation.

In recent years, following the failure of the City of Fernie’s chiller in 2017, ice rink chiller replacement projects have been given priority in communities across Canada, and generally have been seen favorably as priority projects for government funding programs. The Port Moody Chiller Replacement Project has a significant public safety component. The City’s new chiller will have the capability to lower the ammonia charge significantly with the replacement of the existing shell and tube with a plate and frame style chiller. The City project will also address a consultant recommendation for the stack extension, which will increase ammonia safety, and which is a design adopted by other arenas to comply with WorkSafe regulations. A recent City project replaced another chiller that had failed in 2018, which was the same age as the current pending replacement. This project, when constructed, would complete the replacement of all the chillers in the Port Moody Recreation Complex.

The overall project cost is estimated to be \$900,000, which includes appropriate levels of contingency. The Investing in Canada Infrastructure Program (ICIP) COVID-19 Resilience Infrastructure Stream (CVRIS) grant would provide up to 100% of the project funding. In the event that the City CVRIS application is not successful, the City would use the funding already approved in the 2020 Capital Program.

Recognizing the opportunity to take advantage of this government grant funding program where the City project meets the program criteria, the recommended resolution is:

THAT staff be directed to apply for grant funding under the COVID-19 Resilience Infrastructure Stream (CVRIS) Grant as recommended in the memorandum dated January 8, 2021 from the Engineering and Operations Department – Project Delivery Services Division regarding Port Moody Recreation Chiller Replacement Project – COVID-19 Resilience Infrastructure Stream (CVRIS) Grant Application 2021;

AND THAT Port Moody City Council support the project and commit to any associated ineligible costs and cost overruns.

Report Approval Details

Document Title:	Recreation Complex Chiller Replacement - COVID-19 Resilience Infrastructure Stream (CVRIS) Grant Application 2021.docx
Attachments:	
Final Approval Date:	Jan 12, 2021

This report and all of its attachments were approved and signed as outlined below:

Kim Law, Manager of Project Delivery Services - Jan 11, 2021 - 8:20 AM

Jeff Moi, General Manager of Engineering and Operations - Jan 11, 2021 - 8:40 AM

Ron Higo, General Manager of Community Services - Jan 11, 2021 - 8:41 AM

Dorothy Shermer, Corporate Officer - Jan 11, 2021 - 10:32 AM

Rosemary Lodge, Manager of Communications and Engagement - Jan 12, 2021 - 8:50 AM

Paul Rockwood, General Manager of Finance and Technology - Jan 12, 2021 - 9:40 AM

Tim Savoie, City Manager - Jan 12, 2021 - 10:57 AM