

STAFF REPORT TO COUNCIL

1100 Patricia Blvd. | Prince George, BC, Canada V2L 3V9 | www.princegeorge.ca

DATE: February 27, 2019

TO: MAYOR AND COUNCIL

NAME AND TITLE: Dave Dyer, General Manager, Engineering and Public Works

SUBJECT: Application for Grant under the CleanBC Communities Fund Program
- Aquatic Centre Building Envelope Upgrade Project

ATTACHMENT(S): NONE

RECOMMENDATION(S):

THAT COUNCIL:

1. APPROVE THAT City staff submit an application under the *Investing in Canada Infrastructure Program - British Columbia - Green Infrastructure - Climate Change Mitigation - CleanBC Communities Fund* for the Aquatic Centre Building Envelope Upgrade Project.
2. AUTHORIZE the City's Financial Officer and General Manager of Engineering and Public Works to sign grant application documents and any contract documents including claims and financial reports as required, should grant approval be received.

PURPOSE:

The purpose of this report is to request Council's authorization to prepare an application under the *Investing in Canada Infrastructure Program - British Columbia - Green Infrastructure - Climate Change Mitigation - CleanBC Communities Fund* for the Aquatic Centre Building Envelope Upgrade project.

STRATEGIC PRIORITIES:

Council's strategic priorities are outlined in the annual report and are based around four pillars: social development, the environment, economic development, and civic governance. The Aquatic Centre Building Envelope Upgrade project will help to achieve the City's goals in fostering Clear Identity and Pride, and advance the City's Energy and Greenhouse Gas Management Plan, and Sustainable Infrastructure within the community.

BACKGROUND AND DISCUSSION:

Canada and British Columbia governments are investing up to \$62.94 million in the initial intake of the *Investing in Canada Infrastructure Program - British Columbia - Green Infrastructure - Climate Change Mitigation - CleanBC Communities Fund* stream to support infrastructure projects in communities across the province.

The CleanBC Communities fund stream is to help communities address their infrastructure needs by supporting renewable energy, access to clean energy transportation, improved energy efficiency of buildings and the generation of clean energy.

The Aquatic Centre Building Envelope Upgrade project is eligible under the follow area of qualification:

- Increased energy efficiency of buildings.

The current funding application deadline is Wednesday March 27, 2019. Municipalities can apply only once per intake.

Aquatic Centre Building Envelope Upgrade Project

The Aquatic Centre is 21 years old. Built in 1998, it is one of the City's two civic pools and provides a home to all the competitive swim clubs. In 2018, the City of Prince George engaged the architectural firm DIALOG to assess the Aquatic Centre's building envelope, roof, and mechanical systems and identified the following:

- The moisture issues related to the building envelope assemblies are due to interior air leakage through the wall to the exterior. The exterior wall assembly and roof are in poor condition and it is recommended that they be replaced.
- It is recommended that an active dehumidification system be installed. The study found that the air handling systems are in poor condition and it is recommended that they be replaced with a new dehumidifying air handling system.

CleanBC funding will allow the City to increase the energy efficiency of the project and reduce our community's carbon footprint. Examples of adjusted scope of work would include:

- Increase insulation thickness to R40 to the roof and walls achieving near net zero design,
- Incorporate heat recovery into the air handling system as an energy saving measure, and
- Increase the heat exchanger sizes to increase boiler efficiency and reduce energy.

FINANCIAL CONSIDERATIONS:

Funding under the grant program is available for up to 73.33% of the eligible project costs (40% Government of Canada, 33.33% Province of British Columbia). City Staff will make an application for the maximum allowable contribution of \$6,300,000. The current budget for the Aquatic Centre Building Envelope Upgrade listed in the 2019 – 2023 Capital Plan is \$8,580,000 and is approved for funding subject to the debt financing process.

SUMMARY AND CONCLUSION:

City staff is seeking City Council's authorization to prepare an application under the *Investing in Canada Infrastructure Program - British Columbia - Green Infrastructure - Climate Change Mitigation - CleanBC Communities Fund* for a grant to help fund the Aquatic Centre Building Envelope Upgrade project. A potential grant of up to \$6.3 million would be applied to the \$8.58 million project. This project fits within the program objectives and criteria to increase energy efficiency in the City's buildings.


RESPECTFULLY SUBMITTED:



Dave Dyer, General Manager, Engineering and Public Works

Report prepared by Leland Hanson, Manager of Civic Facilities

APPROVED:



Kathleen Soltis, City Manager

Meeting date: March 11, 2019