



REPORT

Report Date: June 1, 2022
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Meeting Date: June 21, 2022
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TO: Vancouver City Council

FROM: General Manager of Finance, Risk and Supply Chain Management

SUBJECT: Funding Application to Infrastructure Canada (Clean BC Communities Fund) – Public Electric Vehicle Charging Infrastructure Expansion

RECOMMENDATION

THAT Council approve a funding application to the Investing in Canada Infrastructure Program (ICIP) – Green Infrastructure Stream - Clean BC Communities Fund for \$2.3 Million towards \$3.1 Million of work in Phase 3 of the Public Electric Vehicle Charging Infrastructure Expansion Program

REPORT SUMMARY

In the current 2019-22 Capital Plan and the upcoming 2023-26 Capital Plan the City has committed to pursuing senior government funding opportunities to help deliver Council priorities.

In April 2019, City Council approved the [Climate Emergency Action Plan](#) to increase our efforts to tackle climate change. This application supports the recommendation in that report to adopt the target that, by 2030, 50 percent of the kilometers driven on Vancouver's roads will be by zero emissions vehicles.

COUNCIL AUTHORITY/PREVIOUS DECISIONS

April 24, 2019: Council approved the Climate Emergency Response report which identified six "big moves" to reduce Vancouver's carbon pollution by building and expanding on our existing work to fight climate change. One of those six "big moves" is that by 2030, 50 percent of the kilometers driven on Vancouver's roads will be by zero emissions vehicles.

CITY MANAGER'S/GENERAL MANAGER'S COMMENTS

The City Manager recommends approval of the foregoing.

REPORT

Background/Context

The Clean BC Communities Fund (the “Program”) is part of the Investing in Canada Infrastructure Program (ICIP) – Green Infrastructure Stream which provides funding through an Integrated Bilateral Agreement between Canada and British Columbia in four streams comprising (i) Green Infrastructure, (ii) Community, Culture and Recreation Infrastructure, (iii) Rural and Northern Communities Infrastructure; and (iv) Public Transit. The Clean BC Communities Fund program is a component in the aforementioned Green Infrastructure stream.

Canada and British Columbia’s governments announced in January 2022 that they are committing up to \$134 million towards the third intake of the CleanBC Communities Fund. The City was successful in its application to the first intake of the Program for a \$10.2 million grant for the Sewage Heat Recovery Expansion Project for the False Creek NEU. City staff have been advised by Provincial representatives that given our successful application in the first intake a smaller application will have greater probability of success in the second intake.

The Program supports public infrastructure, which is defined as tangible, capital assets that are primarily for public use and benefit. Eligible projects are those that will (i) increase capacity to manage renewable energy, (ii) increase access to clean-energy transportation, (iii) increase energy efficiency of buildings, or (iv) increase generation of clean energy.

The maximum grant available under the Program is 73.33% of eligible project costs (40% and 33.33% from the federal and provincial contributions, respectively). The application deadline was May 25, 2022. The application requires a Council resolution, in support of the application to be submitted within one month after the aforementioned May deadline.

Strategic Analysis

For each intake of the Program, there is a limit of ONE application per organization. City staff reviewed projects that meet the requirements of the Program and concluded that the Public Electric Vehicle Charging Infrastructure Expansion Program is most suitable as it fits the funding requirements around start and completion dates and it will assist in overcoming one of the barriers to electric vehicle adoption, which is a lack of public charging infrastructure.

The City’s Climate Emergency Action Plan seeks to halve GHG emissions by 2030. To meet this target, the City has a goal that 50 percent of all vehicle kilometres travelled will be in Zero Emissions Vehicles (ZEVs) by 2030. The City’s actions to achieve our ZEV goals are through the provision of charging infrastructure. While the City already has very robust requirements for Electric Vehicle (EV) infrastructure in all forms of new construction, an expansion of the public charging network is needed.

The work included in the funding application will result in the installation of 36 EV stations at 10 locations distributed across the City.

This expanded network will support people without access to home or workplace charging, particularly people who live in multi-family homes, renters, and low- and middle-income families.

Financial

The Draft 2023-26 Capital Plan contains \$4.3 Million for “Public Realm EV Charging Infrastructure” over 4 years. The cost to install 36 EV Charging Stations is \$3.1 Million. The City is seeking funding of \$2.3 Million of these costs as noted in the table below.

36 EV Charging Stations – Eligible Costs	\$3,141,500
Funding Sources:	
Investing in Canada Infrastructure Program (73%)	\$2,293,295
2023-26 Capital Plan Funding	\$848,205
Total	\$3,141,500

CONCLUSION

This Council report seeks approval for a funding application to the Clean BC Communities Fund component of the Investing in Canada Infrastructure Program (ICIP) – Green Infrastructure Stream for \$2.9 Million to install 36 EV Charging Stations at 10 locations distributed across Vancouver. The installation of these charging stations will address one of the barriers to adoption of electric vehicles and help Vancouver achieve its Climate Emergency Action Plan target of 50% of all vehicle kilometers driven to be by electric vehicles by 2030.

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