

Report to Council



Date: Date
File: 0250-40
To: City Manager
From: Rob Entwistle, Information Services Department Manager
Subject: Introduction to Smart Cities Challenge

Recommendation:

THAT COUNCIL receives for information the report of the Information Services Department Manager dated Feb 5, 2018 with respect to the Government of Canada Smart Cities Challenge;

AND THAT Council endorse submitting a grant application to Infrastructure Canada for the Government of Canada Smart Cities Challenge;

AND THAT the Mayor on behalf of Council submit a letter of support for the grant application;

AND THAT Council approves the associated expenses of \$25,000, funded from the Finance/Major System Software reserve, to engage a consultant to run design labs (workshops) with community stakeholder's involvement;

AND THAT the 2018 Financial Plan be amended to include the \$25,000 in expenditures;

AND FURTHER THAT upon confirmation of the finalist grant award, the 2018 Financial Plan be amended to include the receipt of funds received.

Purpose:

To gain support for pursuing grant funding from the Government of Canada Smart Cities Challenge.

Background:

The Government of Canada announced the Smart Cities Challenge on November 23, 2017 to encourage communities to bring forward their best ideas to improve the lives of their residents through innovation, data and connected technology. The application deadline is April 24, 2018. Finalists will be announced in the summer of 2018 (each of the finalists will be awarded \$250,000 to advance proposal) and winners will be announced the spring of 2019.

Prize Structure

One prize of up to \$50 million, Open to all communities, regardless of population

Two prizes of up to \$10 million each, Open to all communities with populations under 500,000 people

One prize of up to \$5 million, Open to all communities with populations under 30,000 people

Grant Criteria

The grant has several criteria which the City must consider as it develops the application. Following are a few of the grant's key criteria that will influence the application.

- The challenge is ambitious, measurable, and achievable through the proposed use of data and connected technology
- Baseline data and evidence to establish the current state and context around the outcome
- Demonstrate how data and connected technology can achieve a meaningful and measurable outcome (or outcomes) for residents
- Outcome (or outcomes) reflect(s) the true needs of the community, as demonstrated through a compelling body of data and evidence
- Relevant consultations and engagement activities took place, exhibiting efforts to incorporate input into the development of the challenge and outcomes
- Implementation is feasible given its scope and size; impactful for the community, ambitious, but not excessive and transformative
- Challenge is, or will be, open, interoperable, scalable, and replicable
- Partners necessary for the success of the proposal – can be from private sector, non-profit, public utilities, research/academia, civil society, public or national organizations/groups or project incubators – and process for selecting future/additional processes

Based on the extensive community consultation completed through the Imagine Kelowna process, the 2017 Citizens Survey and Council priorities staff are recommending to work with partners in the community on three broad topic areas to refine the challenge scope, consider all possible corresponding data and explore integrated technology possibilities.

The three focus areas that will be explored are:

- Development of an inclusive community - addressing homelessness
- Resiliency in the face of climate change - water
- Healthy neighbourhoods for all - managing growth & development

The topic with the highest potential will be defined by early March, determining the outcome or outcomes that will aim to be achieved by implementing the smart city proposal. This will enable the team to finalize the application with the assistance of internal and external stakeholders as well as identify other stakeholders that would add value to the process at this stage.

The City of Kelowna is well positioned to move its Smart City Initiatives forward. The City was recently named one of the Intelligent Cities Forum's (ICF) SMART21 Cities paving the way for us to compete for

the Top7 Intelligent Community of the Year. This application was submitted in January 2018. In addition, the City continues to build out its dark fibre network, launched a new open data portal, and is building on its data analytics capabilities further supporting the direction in advancing smart solutions to provide meaningful outcomes for residents

Internal Circulation:

Financial/Budgetary Considerations:

In order to facilitate the application process budget is being requested in the order of \$25,000 from the Finance/Major System Software reserve.

Considerations not applicable to this report:

Legal/Statutory Authority:

Legal/Statutory Procedural Requirements:

Existing Policy:

Personnel Implications:

External Agency/Public Comments:

Communications Comments:

Submitted by:

R Entwistle, Information Services Department Manager

Approved for inclusion:

CW

cc:

Divisional Director Corporate Strategic Services

Financial Planning Manager

Divisional Director Financial Services