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**REPORT TO THE ELECTORAL AREA SERVICES COMMITTEE
MEETING OF WEDNESDAY, JULY 17, 2013**

SUBJECT COMMUNITY WORKS FUND ALLOCATION - JUAN DE FUCA ADMINISTRATION BUILDING

ISSUE

Integration of innovative technologies to support sustainable construction of the Juan de Fuca (JDF) Administration Building

BACKGROUND

CRD Project management staff have identified innovative technologies to support sustainable design of the JDF Administration Building. In collaboration with Corporate Services, the following Gas Tax Agreement grant-eligible technologies have been identified:

- Energy Systems:
The use of an air to water heat pump systems to facilitate both in-slab radiant heating system and tempered ventilation system for an additional construction cost of \$100,000.00
- Water and Wastewater:
Conversion of waste water to grey water system for reuse and the conversion of rainwater to potable (drinking water) for an additional construction cost of \$100,000.00.

The total additional cost of incorporating these technologies in the JDF Electoral Area Administration Building design and construction is estimated at \$200,000. The JDF Electoral Area Director supports the allocation of \$200,000 from JDF's portion of the Gas Tax Community Works Fund (CWF) for this project.

ALTERNATIVES

1. a) That the CRD Board authorize a contribution of \$200,000 from the JDF portion of the Gas Tax Community Works Fund for implementing innovative technologies that support environmental sustainability of the new Juan de Fuca Electoral Area Administration Building; and

b) That the Juan de Fuca Electoral Area Administration Building budget be amended to include this sub-project.
2. That CRD staff determine an alternative source of funds for the use of environmentally sustainable technologies in the Juan de Fuca Electoral Area Administration Building.

IMPLICATIONS

Economic

Funds to implement the proposed sustainable technologies are available in the JDF's portion of the Gas Tax CWF. These funds can be used to cover the grant-eligible costs of the project, such as construction costs. The proposed technologies will also help reduce the operating cost of the building.

Environmental

The proposed technologies enhance the sustainability of the building by reducing its environmental footprint relative to water and energy consumption.

CONCLUSION

Development of the new Juan de Fuca Electoral Area Administration Building is an excellent opportunity to incorporate innovative sustainable technologies that reduce energy and water consumption.

Technologies valued at \$200,000 are proposed and are eligible for funding under the Gas Tax Agreement. The JDF Electoral Area Director supports the allocation of \$200,000 from JDF's portion of the Gas Tax CWF for implementation of innovative technologies that support environmental sustainability of the Juan de Fuca Electoral Area Administration Building.

RECOMMENDATION

1. a) That the CRD Board authorize a contribution of \$200,000 from the JDF portion of the Gas Tax Community Works Fund for implementing innovative technologies that support environmental sustainability of the new Juan de Fuca Electoral Area Administration Building; and
- b) That the Juan de Fuca Electoral Area Administration Building budget be amended to include this sub-project.

Rajat Sharma, MBA, CMA
Senior Manager, Financial Services

Diana E. Lokken, Dip Bus Admin, CMA
General Manager Corporate Services
Concurrence

Robert Lapham, MCIP, RPP
Chief Administrative Officer
Concurrence