

## **Natural Resources Canada Financial Assistance Program**

### **ISSUE**

A budget adjustment is required to add Natural Resource Canada (NRCan) Funding to Capital Project P.10004 Energy Management Program, as the City has received funding approval under the Financial Assistance Program for ISO 50001 in Commercial and Institutional Buildings.

### **RECOMMENDATION**

That the Standing Policy Committee on Finance Recommend to City Council:

1. That Capital Project P.10004 Energy Management Program be increased by \$10,100 funded by Natural Resource Canada Funding;
2. That the Mayor and City Clerk be authorized to execute the Contribution Agreement from Natural Resource Canada under the Corporate Seal; and
3. That if required, the Senior Financial Business Partner be granted delegated authority to sign and submit progress reports and financial claims to the program.

### **BACKGROUND**

NRCan approached Administration in the summer to determine if the City of Saskatoon (City) was interested in submitting a proposal under the Financial Assistance for ISO 50001 in Commercial and Institutional Buildings Program.

The ISO 50001 Energy Management Standard is a voluntary standard that provides a framework to improve energy performance by making better use of high energy assets. To help implement these energy standards in commercial and institutional buildings, NRCan is providing financial assistance for completion of feasibility studies including gap analysis for organizations to determine the viability of implementing the ISO 50001 Energy Management System.

### **DISCUSSION/ANALYSIS**

Saskatoon Water (SW) submitted a proposal which has been accepted for funding for a total of \$10,100 to continue the work started through the Energy Manager Program. In 2022 SW completed an Energy Management Project with NRCan under their Energy Manager Program. The Energy Management Project involved hiring an Energy Manager who would be responsible for making energy performance at the Water Treatment Plant, Reservoirs, Raw Water Intake, and Wastewater Treatment Plant visible to various levels of the organization so that actions can be taken to systematically drive energy waste, variability, and use down.

Through the project, SW also implemented an Energy Management System (EnMS) by developing an Energy Management Strategy to coincide with the City budget cycles. SW's Energy Management Strategy approach to implementing an EnMS has not been certified or compared to the ISO 50001 Energy Management Standard.

The scope of the project is to build on the success of the Energy Management Project completed with NRCan and explore ways to improve the current EnMS at Water Treatment Operating Facilities by performing an ISO 50001 gap analysis using the U.S DOE EMA tool. The following tasks will be completed under the project:

- Information Gathering and Document Review - The Energy Manager will gather information on the current EnMS at SW and review the results of the post energy management gap analysis performed at the end of the Energy Management Project. In addition, the ISO 50001 and the U.S. DOE 50001 Ready EMA Document and Tool will be reviewed to prepare for the ISO 50001 gap analysis.
- GAP Analysis - Using the ISO 50001 and U.S. DOE 50001 Ready EMA Document as guidance, the Energy Manager will assess the current SW EnMS using the U.S. DOE EMA Tool. During the gap analysis the Energy Manager will also assess the EMA Tool as a resource to provide feedback to NRCan on the usefulness of the tool.
- Report - The findings from the gap analysis will be presented in a report to NRCan using NRCan's ISO 50001 Energy Management Gap Analysis Report template with the addition of a section providing feedback on the U.S. DOE EMA Tool.

The work is planned to begin in January 2024 and be completed by March 2024, with the total project estimate of \$10,100 to be provided by NRCan.

City Council approval is required to give the Mayor and City Clerk the ability to execute the Agreement on behalf of the City. Additionally, more Federal funding programs are requiring a resolution of City Council to give Administration the ability to submit claims and project status reports on the program. Administration is also requesting approval that the Senior Financial Business Partner be granted delegated authority to sign and submit any progress reports and financial claims related to the project to meet all the administrative requirements of the funding program.

### **FINANCIAL IMPLICATIONS**

NRCan funding will cover 100% of the project and an increase of \$10,100 is required in Capital Project P.10004 Energy Management Program to put the funding in place.

### **OTHER IMPLICATIONS**

There are no privacy, legal, social or environmental implications identified.

### **NEXT STEPS**

No follow-up is required.

### **REPORT APPROVAL**

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