

The Corporation of the City of Elliot Lake
Staff Report FAC-2021-01

Report of the **Director of Public Works**
for the Consideration of Council

The Purchase and Installation of (1) 100kW Diesel Generator at City Hall

OBJECTIVE

To provide Mayor and Council with information regarding the purchase and installation of a 100kW diesel generator at City Hall

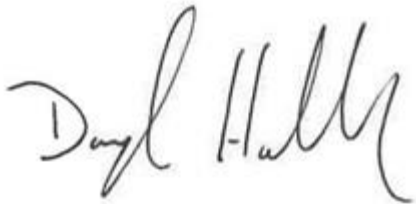
RECOMMENDATION

THAT Staff Report **FAC-2021-01** dated April 21, 2021 of the Director of Public Works be received;

AND THAT council approve the additional cost of **\$28,768** over the approved 2021 capital budget cost of **\$71,232** to purchase and install (1) 100 kW diesel generator at City Hall.

AND THAT the additional amount of **\$28,768** be budgeted towards the Building and Facility reserve

Respectfully Submitted



Daryl Halloch
Director of Public Works

Approved



Daniel Gagnon
Chief Administration Officer

BACKGROUND

The City Hall building was built in 1956 and contains the city offices, council chambers and the archives. The building has received some renovations over the years and has recently had a building condition assessment completed in 2016, to help identify assets that need replacing. Along with housing offices and the Council chambers, City hall is also the gathering area for the Emergency Management Group to come together during a City emergency. With the electrical panels identified in the Building Condition Assessment to be upgraded and the fact the building has no back-up power. Staff members began to investigate the time and money needed to purchase and install a generator for back-up power supply.

The City was approved to hire N-Sci Technologies out of the Sault to provide staff with engineered drawings and a more detailed list of what is required to complete the install of (1) 100kw diesel generator at City Hall. With this information, the City is now ready to move forward with this project which now requires a total budget amount of \$100,000 to complete.

ANALYSIS

It was recommended that City staff return to council once a more definitive cost was known in regards to the purchase and install of a 100kW diesel generator at City Hall. N-Sci Technologies completed its work and supplied the City with engineered drawings as well as a detailed list of supplies required to complete the install. By installing a 100kW diesel generator, not only will it offer enough power to operate everything required in City Hall, it also allows the option of supplying backup power to the Fire Hall, if required.

FINANCIAL IMPACT

Staff is requesting the approval of an additional amount of **\$28,768** to be budgeted towards the purchase and installation of a 100kW diesel generator at City Hall for a total project cost of **\$100,000**. Please see the breakdown of costs

- \$50,000 for a 100 kW diesel generator
- \$20,000 (cement, fencing, wire and all panels required)
- \$20,000 Labour involved to complete the project
- \$10,000 Contingency

During the budget process, council approved a capital project budget of **\$71,232**. The additional cost of **\$28,768** would be budgeted to the building and facility reserve.

LINKS TO STRATEGIC PLAN

This report is consistent with the actions required under “Continued Investment into Infrastructure”.

SUMMARY

The City of Elliot Lake continues to invest in upgrades to their facilities, including City Hall. Staff is recommending the approval of an additional amount of \$28,768 towards the installation of a 100kW diesel generator. The completion of this project will guarantee a backup power source for the Emergency Management Group, when utilizing the facility as a command center. The automatic transfer switch will also prevent any power surges to the City’s servers during a power interruption, that in the past resulted in costly repairs to the system.