RECOMMENDATION:
THAT the Council of the Township of North Huron hereby receive the report of the Director of Public Works, dated August 12, 2019 regarding costs associated with the provision of standby power for the Blyth Firehall and Public Works Garage for information;

AND FURTHER, THAT Dommm Construction Limited be authorized to proceed with the purchase and installation of a suitably sized standby generator for the Blyth Firehall and Public Works Garage at a cost of $55,600.00 plus applicable taxes;

AND FURTHER, THAT Council authorizes funds totalling $18,550.00 to be transferred from the Emergency Planning Reserve to be applied towards the cost of the generator;

AND FURTHER, THAT Council authorize funds totalling $38,030.00 to be transferred from the Fire Department Reconciliation Reserve to cover the remaining costs associated with the purchase and installation of the generator;

AND FURTHER, THAT that the Director of Finance be directed to make the necessary amendments to the 2019 Budget to reflect the changes to the Blyth Firehall and Public Works Garage project.

EXECUTIVE SUMMARY
The new Blyth Firehall and Public Works Garage was designed at the outset to be a Post Disaster building. The new facility will replace the ESTC as the alternate Emergency Operating Center (EOC) should it be needed during emergency events. The previous EOC was designed with an emergency power supply. The generator was never purchased or installed.

With the formalization of the design and layout of the new facility, it is recommended that a properly sized standby power unit be purchased and integrated before commissioning. Dommm Construction Ltd has consulted with their sub-trades and provided pricing for the generator. The auto-transfer switchgear is included in the provided pricing.

The proposed unit would be sized adequately to power the entire facility during an outage and would be powered by natural gas.

DISCUSSION
The concept drawings for the facility showed a concrete pad directly behind the buiilding as the location of the generator. Once final design of the building was completed, it was determined that
the facility would require a larger generator than planned. The larger generator has been relocated to the North West corner of the facility.

After discussions between Public Works and Fire, it was determined that the most reliable standby system would be natural gas opposed to diesel. This eliminates concern over the delivery of diesel fuel during a crisis situation and provides the best fueling option for both fire and public works and eliminates above ground storage. To facilitate the relocation of the generator, an extension of the natural gas line is required.

**FINANCIAL IMPACT**

Funds for the generator are available in established emergency services reserves. The Emergency Planning reserve of $18,550.00, is made up of funds which were intended for the purchase of a generator at the ESTC.

The Reconciliation Reserve is made up in part of underspent salary dollars resulting from transition periods between past Fire Chiefs. Fire Chief Marty Bedard was consulted with regard to the use of these funds and supports the resolution presented.

Requirements surrounding procurement are adequately satisfied as this purchase falls under the approved contract for the construction of the facility. Due to the site-specific nature of the generator, it has been sized and spec’d by the electrical contractor for the project and presented through Domm Construction Ltd.

**FUTURE CONSIDERATIONS**

None at this time.

**RELATIONSHIP TO STRATEGIC PLAN**

This project relates to **Goal No. 4** of the existing Strategic Plan in that the administration is fiscally responsible and strives for operational excellence.

Sean McGhee, Director of Public Works

Dwayne Evans, CAO