

Vision: A welcoming place to live, grow and thrive
Mission: Facilitating growth, wellness, and prosperity through effective and forward-thinking leadership.

Council Meeting:

May 24, 2022

TITLE: SOLAR ARRAY REQUEST FOR PROPOSALS (RFP)

PREPARED BY: DEVELOPMENT OFFICER

DEPARTMENT: PLANNING

For Information

For Discussion

For Decision

RELATED TO STRATEGIC PLAN:

- INFRASTRUCTURE SUSTAINABILITY AND CLIMATE CHANGE

ATTACHMENTS:

1. REVISED SMART ENERGY SUBMISSION, RE.: SOLAR ARRAY DATED, 2022-05-13

BACKGROUND

The cost of the RFP Proposals came in over budget. This revised proposal has two (2) significant cost savings; removal of the \$1,000/day penalty clause and removal of fencing from the project (Dillon has yet to confirm). The revised proposal assumes the need for NET-metering, with a resized array of 70kW rather than 100kW. This provides the ability to increase to 100kW with the addition of two (2) more NOREASTER UNITS.

COMMENT

The original submission for the project included NET-metering and was added to capture surplus power in the summer to be available in later months but restricted to NB Power maximum scaled projects at 100kW. NB Power must confirm if NET-metering is required for the project or not. If permitted to proceed with a “right sized” project, that does not require NET-metering, additional savings (\$20-30,000) could result from using a single INVERTER for the system rather than 6. These savings could potentially add one more NOREASTER, bringing our GHG reductions closer to our Climate Change Action Plan target. The revised recommendation has been reviewed and supported by Dillon Consulting Ltd. \$350,000 budget (plus HST).

FINANCIAL IMPELICATIONS

Dillon has shown that the revised system can proceed within the \$350,000 Budget (plus HST). Funding of \$350,000 for this projected has been allocated in the 2022 Capital budget.

RECOMMENDATION

That Council of the Town of Grand Bay-Westfield to accept the recommendation provided by Dillon Consulting Ltd, for award of RFP #GBW-22-3754 Solar Array project, to The Smart Energy Company for \$350,000.00, plus HST with the removal of the Delay Penalty and removal of fencing. With confirmation from NB Power, to proceed without NET-Metering, which would permit a single INVERTER and 5th NOREASTER unit, for an 86kW system, or with NET-metering, a Noreaster4, for a 70kW system.

MOTION

That Council of the Town of Grand Bay-Westfield to accept the recommendation provided by Dillon Consulting Ltd, for award of RFP #GBW-22-3754 Solar Array project, to The Smart Energy Company for \$350,000.00, plus HST with the removal of the Delay Penalty and removal of fencing. With confirmation from NB Power, to proceed without NET-Metering, which would permit a single INVERTER and 5th NOREASTER unit, for an 86kW system, or with NET-metering, a Noreaster4, for a 70kW system.

CAO COMMENTS

Solar Array Request for Proposals (RFP)

APPROVAL

Department Head: *David Tapp*

Date: 05/17/22

CAO: *John Davis Wood*

Date: 05/20/22