



Maxine Renyolds, Village President
VILLAGE OF THORNTON
PUBLIC WORKS

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Date: 1-28-26

To: Admin. Vivian Payne / Board Members

From: Public Works Supt. Bryan Roberts

Re: Approval of quote 14294 from Alternative Energy Solutions for a new Automatic Transfer Switch Controller for PD/REC.

Explanation of an Automatic Transfer Switch Controller: In an emergency power outage and the building loses power the transfer switch will turn on the generator and transfer the electric load to the generator. When grid power is restored the transfer switch will then turn the generator off.

At this time when the building loses power the generator turns on however when power is restored the transfer switch will not turn off and the generator continues to run using generator power. In order to turn off the generator the power must be turned off to building and the ATS controller must be manually reset by an Electrician.

The only quote I asked for was from Alternative Energy Solutions. Alternative Energy is our current service provider for installation, preventive maintenance, and emergency repair work for *all* village generators. The transfer switch replacement requires a thorough understanding of our existing electrical systems, operating conditions, and emergency response requirements, therefore it only makes sense for this project to be completed by Alternative Energy. They are familiar with our system, as well as site access. Utilizing them ensures the replacement is performed in alignment with existing infrastructure & standards, and reduces the risk of compatibility issues with the current generator. There is \$18,000.00 budgeted for this repair in the Capital Fund.

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