



TOWN OF HIGHLAND BEACH

AGENDA MEMORANDUM

MEETING TYPE: Town Commission Meeting

MEETING DATE: *September 3, 2024*

SUBMITTED BY: Pat Roman, Public Works Director

SUBJECT: Emergency Procurement - Town Generator Repair

SUMMARY:

Town staff is seeking authorization for the emergency repair of the Town's generator after extensive damage was found during scheduled preventive maintenance.

Damage Summary:

- Unit did not pass insulation test due to poor condition of main rotor, main extator, exiter, PMG stator and rectifier.
- Poor conditions of winding coils as exterior humidity has oxidized all the coils and cables.
- New space heaters are necessary for proper operation of the town generator.
- Breaker contacts are in need of replacement and re-connection.

The quoted vendor, Pantropic Power Products Inc., is Caterpillar's sole authorized maintenance and repair vendor in south Florida. Pantropic Power's service agreement is forthcoming and will be provided at the Commission Meeting.

If the repair is authorized, a temporary generator will be rented for 30 days to provide backup power while the repairs are completed.

FISCAL IMPACT:

\$133,278.22; Machinery & Equipment 401-533.000-564.000 and Improvements Other Than Building 401-533.000-563.000

ATTACHMENTS:

Preventive Maintenance Findings
Rental Quote
Parts & Labor Quote

RECOMMENDATION:

Authorize the Town Manager to sign a service agreement with Pantropic Power to make emergency repairs to the Town's generator based on preventive maintenance findings, ensuring its proper long-term operation.