



Expression of Interest / Request for Qualifications

Engineering, Procurement and Construction
Battery Energy Storage Solutions
for Grid Services

Issue Date: February 25, 2026

Submission Deadline: March 27, 2026

DISCLAIMER: *This is not a Request for Proposals (RFP) or solicitation for formal proposals. The information developed through this EOI will be used to evaluate the current market to provide energy storage solutions. This EOI does not constitute a commitment, implied or otherwise, that Pelican Energy will take action in this matter. Pelican Energy will not be responsible for any costs associated with the provision of responses.*

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EXPRESSION OF INTEREST (EOI) & REQUEST FOR QUALIFICATIONS (RFQ)

PROJECT: 9MW / 18MWh Battery Energy Storage System (BESS)

LOCATION: Provo Power Station, Providenciales, Turks & Caicos Islands

ISSUE DATE: February 25, 2026

QUESTIONS DEADLINE: 17:00 EDT, March 12, 2026

DEADLINE FOR SUBMISSION: 17:00 EDT, March 27, 2026

SUBMISSION: All questions and responses to: bids@pelicanenergytci.com

1. INTRODUCTION

Pelican Energy TCI is issuing this Request for Qualification (RFQ) to identify and pre-qualify partners for a Battery Energy Storage System (BESS) project with a target completion month of April 2027. Pelican Energy is evaluating multiple procurement strategies, including a full Turnkey EPC model and a Direct Procurement model (*Owner-Furnished Equipment with separate installation contract*).

We invite responses from capable EPCs, BESS Integrators, and Original Equipment Manufacturers (OEMs).

The objective of this process is to:

1. **Confirm Market Interest:** Validate vendor qualifications for a ~9 MW / 18 MWh (2-hour) system.
 2. **Pre-Qualify Bidders:** Short List the best bidders for a future RFP.
 3. **Compare Procurement Models:** Evaluate the commercial and technical benefits of direct equipment procurement versus a traditional EPC wrap.
 4. **Budgetary Planning:** Obtain indicative pricing and realistic timelines to inform project financial modeling.
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2. PROJECT BACKGROUND & SITE INFORMATION

- **Owner/Operator:** Pelican Energy TCI (Generation, Transmission & Distribution operator for Providenciales).
- **Project Objective:** Enhance grid reliability, facilitate renewable integration, provide spinning reserve, and deliver frequency response/grid stability.
- **Location:** Provo Power Station, Providenciales, Turks & Caicos Islands.
- **Interconnection:** Generation bus (34.5kV).
- **Site Conditions:**
 - **Environment:** Coastal, tropical marine environment. High humidity, high salinity, and high UV exposure.
 - **Wind Load:** Equipment must be rated for **hurricane-force winds** (Category 5 equivalent).
 - **Corrosion:** All external enclosures must meet **ISO 12944 C5-M (Marine High)** durability ratings.
 - **Civil:** Pre-installed concrete site pad available (details to be provided in RFP).

3. TECHNICAL OVERVIEW

Respondents should base their qualifications and indicative pricing on the following specifications:

- **Power Rating:** 9 MW (at point of interconnection).
- **Energy Capacity:** 18 MWh (2-hour duration at rated power). *Note: Exact sizing subject to final optimization.*
- **Primary Use Cases:** Spinning Reserve, Frequency Response (Primary/Secondary), Voltage Support, and Energy Arbitrage.
- **Grid Forming:** The Owner is exploring Grid Forming (GFM) / Virtual Synchronous Machine capabilities. Please highlight experience with GFM inverters.
- **Project Design Life:** 20 Years (Enclosures, PCS, MV Equipment).
- **Augmentation Strategy:** Respondents are requested to provide indicative strategies for:
 - **Option A (Maintenance):** Maintained capacity via scheduled augmentation (e.g., Year 8, Year 15).
 - **Option B (Oversize):** Oversizing upfront to minimize future site interventions.

4. MINIMUM QUALIFICATION REQUIREMENTS

Unlike a standard RFI, this EOI requires respondents to demonstrate the specific ability to execute in a constrained island environment.

- **Experience:** Minimum of three (3) grid-scale BESS projects successfully commissioned in the last 5 years.
- **Regional Capability:** Demonstrated experience with Caribbean or island logistics, specifically regarding shipping, customs clearance, and labor management in island territories.
- **Financial Stability:** Ability to provide Performance Bonds (10-20% of contract value) and liquidity to fund early-stage procurement.
- **Safety & Compliance:** Excellent safety record (TRIR/LTIR) and adherence to international standards (UL 9540A, IEC, etc.).

5. SUBMISSION REQUIREMENTS

Respondents are requested to submit the **Vendor Qualification Questionnaire (Annex 1 along with requested attachments)** and **Compliance Checklist (Annex 2)** via MS-Word.