PREVALON
A Mitsubishi Power Americas and EES Joint Venture

400 International Parkway, Suite 200
Heathrow, FL 32746
PrevalonEnergy.com

Engineer, Technical Supply Chain

Location: Heathrow, FL/ Hybrid/ Remote

About Prevalon

Prevalon Energy LLC (Prevalon), a Mitsubishi Power Americas and EES joint venture, is a leading global energy storage technology and services company that is empowering companies to deploy flexible energy solutions and accelerate a more sustainable energy future.

With 10 years of global battery energy storage experience and over 4 GWh of utility-scale battery energy storage projects deployed, Prevalon develops an end-to-end integrated battery energy storage solution that delivers throughout the entire lifecycle of your project and ensures performance.

Working with our customers to develop a solution to meet the demands of their energy system today and into the future, we are grounded by the principles of commitment, reliability and expertise to guide our decision making, design philosophy, and relationship building.

Our Culture and Values

Responsibility
Safety is at the core of everything we do. From the well-being and health of people to the quality of the products we develop and implement, sustainability is the foundation of our operations. Our expertise guides our decision-making and design development, and lives at the core of our mission.

Community
People are the focus and heartbeat of what we do. We prioritize the well-being of our customers, employees, and communities we work with. Through teamwork, collaboration, and open communication, we work together to continuously innovate.

Innovation
We value and encourage creativity in the ways we work and are always forward thinking. We embrace diversity of thought and adapt to emerging trends and technologies. We recognize the importance of respecting traditions but not beholden by them.

Accountability
We are focused on taking responsibility and ownership for our actions and decisions. We deliver on promises in a transparent and reliable manner. We are accountable in our commitment to sustainable practices and products.

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Job Summary

The technical Supply Chain Engineer will lead the specification, procurement, and vendor management of critical infrastructure components, including Battery Energy Storage Systems (BESS), Low Voltage (LV) and Medium Voltage (MV) equipment, and Energy Management System (EMS) communications hardware.

The primary objective of this role is to serve as the decisive bridge between our engineering team and the external supply chain. You will act as the technical liaison for vendors, handling component specification inquiries, resolving supply issues, and managing vendor performance. By filtering external noise and proactively managing vendor technical queries, you will help accelerate time to market and product development success.

Essential Duties & Responsibilities

Essential duties and responsibilities include, but are not limited to the following:

- Translate high-level engineering requirements into detailed purchasing specifications for BESS components, switchgear (LV/MV), transformers, inverters, and EMS rack communication equipment (switches, servers, controllers).
- Independently review and approve vendor technical submittals and datasheets to ensure they meet project specifications, only escalating critical design deviations to the engineering team.
- Proactively identify and qualify "form-fit-function" alternates for long-lead or obsolete components to maintain production schedules without requiring extensive engineering redesigns.
- Interpret schematics, wiring diagrams, and equipment specifications to determine correct component requirements.
- Serve as the single point of contact for supplier technical queries (RFIs). Triage and answer most questions regarding component specs, interface requirements, and compliance standards independently.
- Support RFQ preparation and evaluate supplier bids including payment terms, lead times, and warranty conditions.
- Maintain organized records of component options, supplier quotes, and evaluations.

Knowledge, Skills, & Abilities

To perform this role successfully, an individual should demonstrate:

- Understanding of LV and MV power distribution components.

- Ability to read electrical schematics and single-line diagrams.
- Familiarity with industrial communication systems.
- Familiarity with relevant industry standards (UL 1741, UL 9540, IEEE 1547, NEC) and how they apply to component selection.
- High degree of autonomy; ability to make technical judgment calls on component acceptability based on standards and requirements.
- Understanding of procurement concepts including pricing, lead time, and warranty.
- Strong communication and negotiation skills.

Education & Experience

- Bachelor's Degree in Electrical Engineering, Industrial Engineering, Supply Chain, or related field.
- 2–5 years of experience in supply chain engineering or electrical sourcing.
- Domain experience with renewable energy systems (Solar/Wind/Battery), motor drives, substation equipment, electrical switchgear or similar.

Physical Requirements & Work Environment

The physical demands and work environment characteristics described herein are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Regularly required to stand and walk, with frequent lifting or moving of up to 25 pounds and occasional lifting of up to 50 pounds.
- The noise level in the work environment is usually moderate to loud. Hearing protection may be recommended and/or required in some work locations.
- Domestic and international travel may be required.