



SCADA Engineer 太陽光・風力・蓄電池プロジェクト

再生可能エネルギー発電事業/テクニカルサービス/SCADAシステム

Job Information

Recruiter

Sheffield Green K.K.

Hiring Company

再生可能エネルギー発電事業

Job ID

1518998

Industry

Petrochemical, Energy

Job Type

Permanent Full-time

Location

Tokyo - 23 Wards

Salary

9 million yen ~ 12 million yen

Refreshed

January 31st, 2025 18:21

General Requirements

Minimum Experience Level

Over 3 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Business Level

Minimum Education Level

Bachelor's Degree

Visa Status

Permission to work in Japan required

Job Description

As the sole SCADA Engineer in the Technical Services Department, you will play a pivotal role in leading, advising, coordinating, and supporting key workstreams across Solar Engineering, Wind Engineering, Battery Engineering, and Operational Management simultaneously.

Solar SCADA:

- Lead and drive SCADA discussions with suppliers for solar projects in development and construction.
- Review SCADA design proposed by SCADA vendors to ensure it fulfills company requirements (including IT, EPC, O&M)

and Asset Management + Centre of Excellence-Analytics (CoE-A)).

- Lead and coordinate the commissioning of SCADA and monitoring systems, ensuring successful tests (e.g., PPC, communication, alarm tests) while working collaboratively with other teams. Provide support for substation commissioning, focusing on seamless information handover, including PLC mapping.

Wind SCADA:

- Conduct SCADA design review of wind projects in development and construction and advise the team to ensure it fulfils the company requirements.

- Coordinate commissioning (like Solar SCADA scope) and the integration of the SCADA system to the in-house monitoring platform via CoE-A and IT.

Battery SCADA:

- Lead SCADA discussions with SCADA and BESS vendors to ensure the design proposals are comprehensive and fulfil the purpose of the BESS in the electricity market.

- Provide advice to project team to ensure the essential operational parameters are captured to monitor the Warranties and Guarantees and the overall health of the BESS plant.

- Support commissioning of BESS plant and integration of SCADA system via CoE-A and IT.

Operational Management SCADA:

- Lead SCADA system integration (for applicable projects) into a centralised monitoring platform for operational plants for smoother operational management and reporting.

- Lead and coordinate SCADA retrofitting (design and deployment) for operational plants.

- Support SCADA discussions with suppliers to resolve monitoring issues for operational plants (missing data, incorrect readings, etc.)

General:

- Collaborate effectively with all teams to ensure commissioning preparedness and smooth execution and can self-manage tasks and workload through prioritization

- Prepare and analyse cost benchmarks for vendor selection for all technologies and provide strategic suggestions to project team for negotiation.

- Explore new SCADA technology for operational and new plants. To collaborate with Regional Tech/IT teams for the best industry practices and provide learning workshops if appropriate.

Required Skills

- Engineering Degree, Master
- Over 4 years of professional SCADA experience in Renewable Energy Industry
- SCADA related commissioning of plants and design experience
- Technical SCADA knowledge (protocols, architecture, and components)
- AutoCAD skills and drawing competency
- MSExcel proficiency
- Basic knowledge on database management
- Professional level English and Advanced level Japanese
- Collaboration and effective communication skills

Company Description