

To Eliminate Energy Wastage Through Innovations in Continuous Energy Optimization

BMS Engineer (Execution).

Summary:

Smart Joules' Sr. BMS Manager is responsible for leading the BMS Design and Commissioning team to plan, design, execute, commission and hand over comprehensive and snag-free DeJoule deployed sites to our Analytics & Automation and Operations teams.

Reporting:

Regional Project Managers will report to the Sr. Project Manager.

Qualifications:

1. Passes JouleFit (Core Values assessment)
2. At-least 4 years of hands on experience on installation testing and commissioning of field instruments such as DDC controllers, temperature sensors, flow meters, pressure sensors, motorized control valves, instrumentation cables, VFDs and control panels.
3. Bachelor's Degree or Higher in Electrical / Instrumentation / Electronic Engineering.
4. Strong knowledge chillers, HVAC pumps, cooling towers, AHUs, heat pumps, energy meters, BMS controllers and sensors.
5. Strong knowledge and experience with project management and team leadership.
6. Strong knowledge of different communication protocol like RS485 (Modbus), BACnet, LONwork, LAN, internet, etc.
7. Strong computer skills (Web Search, Email, Word, Excel, Power Point)
8. Communication: Must speak English and Hindi. Must be able to make effective presentations to a variety of audiences.
9. Knowledgeable about products, services, companies and people working on BMS/IBMS for building and plant automation in India.

KRAs/Responsibilities

1. Innovation:

Smart Joules Private Limited

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- New ways of saving energy
- Improvements in Smart Joules' energy optimization technology – DeJoule
- Increasing efficiency of project delivery (cost, time, manpower, etc.)
- Ways to pursue the Company's Mission, Vision and Goals in line with our Core Values.

2. Planning

- Coordinate with the Central Design Team to understand site requirements.
- Ensure timely creation of detailed project plans to meet the requirements, obtain plan approval from Central Design team and Analytics & Automation team, and budget approval from Top Management.
- Finalize detailed project schedules and budgets for each project in coordination with BMS Project Managers and the Project Execution team. Plan monthly / weekly site activities in coordination with Project Managers and BMS Project Managers.
- Ensure timely creation of detailed design plans and documents (BOM, IO Summary, design drawings, etc.), and sharing these documents with respective teams.
- Vendor Database: Develop and maintain a network of high quality and competitively priced vendors to execute all works as necessary at Smart Joules' client sites.
- Dynamically allocate BMS Design and Commissioning team members to active projects.
- Coordinate with BMS Project Managers to ensure availability of estimated tools, materials, outsourced labour / contractors and other equipment requirements.
- Drive pilot projects in coordination with the Product Development team and Project Execution team.

3. Project Execution

- Prepare and review Purchase Requests from BMS Design and Commissioning team.
- Review work flow on sites to ensure actual progress is moving ahead of plans.
- Ensure effective coordination between the BMS Design and Commissioning team and the Project Execution team for upcoming shutdowns.

- Maintain updated project schedules and budgets as per actual progress on sites and update SJPL top management in case of significant deviations from the approved plans.
- Review project commissioning reports for all field devices , maintain documented records of 3rd-party commissioning reports, and make these records available to respective internal and external stakeholders.
- Ensure timely preparation and submission of project handover reports to Analytics and Automation team and Operations team, with all necessary documentations on each of the ECM, as per the defined process & standards, for seamless transfer of knowledge at all sites. Upload relevant documents on DeJoule.
- Support the Product Development team for preparation of drivers of various instrumentations, MODBUS/BACNET devices, and testing for pilot projects.
- Support the Central Design, Project Execution and Analytics and Automation teams to drive the best savings from sites and keep DeJoule up and running within desired timeframes.
- Track the purchases made in coordination with purchase officer to ensure payments to vendors as made as needed.
- Ensure that the vendors deliver excellent quality of materials & workmanship in line with the SJPL's execution standards, and within the defined costs & budgets.
- Challenge and support teams on sites to upskill to be able to handle DeJoule related issues themselves. Answering questions and providing guidance as needed to help teams execute their work.

4. Commissioning and Handover

- Coordinate with the BMS Project Manager and process the invoices generated by the vendors after comparing with the completion reports for payments.
- Review the handover documentation is complete and comprehensive before forwarding on to the stakeholders. Ensure the user profiles are created for the use of BMS.
- Onboarding: Deliver smooth onboarding of the A&A and Operations teams to completely configured and Snag-Free sites, along-with the following reports:
 - I. Point-to-point Testing Reports for all the instrumentation.
 - II. Material Installation Reports.
 - III. 3rd Party Commissioning Reports like Modbus Cards, Flowmeters.

IV. Final Configuration Reports.

V. Network Testing Reports.

VI. Deviation Reports:

A. Deviation in BOQ.

B. Deviation in IO Summary.

C. Deviation in Budget.

D. Deviation in Timelines.

5. Relationship Management:

- SJPL Team: Providing meaningful opportunities for members from other SJPL teams to interact with the BMS design and commissioning team for empathy building and knowledge sharing.

6. People Management:

- Manage staffing, including interviews and finalization of projects team members to manage the site after contract sign-off.
- Centrally track productivity and find ways to enhance productivity.
- Document best practices and contribute towards improvising the project execution process within and outside Smart Joules and sharing across the team to ensure continuous upskilling.

7. Leadership:

- Reinforce the Company's Mission, Vision and Core Values and ensure adherence to company policies throughout the BMS Design and Commissioning team.
- Contribute towards improving the company's culture and policies, and to overall company planning in line with our Mission and Vision.
- Reviewing and improve monthly and weekly plans for all members of the BMS team.

- Coordinate with the Procurement team for evaluation and induction of high-quality vendors for project execution in all regions.
- Helping with induction programs of other team members in Smart Joules, as needed.
- Training: Plan training & induction programs for new joiners in the BMS team, and modules for other relevant team members. Constantly groom and train BMS team members, and track their learning and skill levels to ensure continuous improvement and learning.

Location:

Delhi, with some expected travel.