

Job Description
Job Code: 2023/010



Role: MDM/ HES Technical Consultants

Job Location: Bangalore

About Enzen (www.enzen.com)

Enzen Global is an innovative & knowledge-based Consulting, Engineering and Operations organization exclusively working on Energy and Utility (Gas, Power, and Water) sectors. We provide outcome-based turnkey solutions, blending industry best practices and leading-edge ideas with a continuous focus on meeting our customers' expectations.

We work with clients across the value chain to deliver sustainable and lasting improvements to their efficiency and performance. As part of our solution suite, we provide strategy, consulting, digital, technology, management, and operations services. In addition, we develop the commercially successful use of renewable resources to deliver a transformative advantage for our customers.

Enzen focuses on delivering outcomes and has a wide range of advisory and engineering services for the power, water, gas and renewable energy sectors, supported by our specialised Business Units and unique Centres of Excellence. These cover Business Operations, Business Transformation, Enterprise Solutions and Energy & Water Network Operations, and help deliver high-quality, effective, need-specific solutions. Our project work includes but is not limited to smart utility networks, technology optimisation, capital efficiency, asset management and mergers & acquisitions.

Founded in 2006, the business has grown and developed across the globe, with a presence in the UK, India, USA, Spain, Australia, Turkey and Kazakhstan.

Role: MDM / HES Technical Consultants

Responsibilities and Duties:

- Should have good knowledge in Smart Metering, HES, MDMS and System Integration in AMI space (Cloud/ in-premise)
- Deployment & implementation of HES (Head End System) for P2P GPRS Smart Meter Protocol mapping, Data decryption, Security protocols implementation, Device Configuration & Management of Smart meters.
- Working Knowledge of various communication protocols and Metering standards such as IS16444, IS13779, DLMS, IS15959 etc.
- Shall integrate HES with MDMS on Service Oriented Architecture.
- Setting up Test & Production environment on Cloud with VLAN & zoning configurations.
- Integrate through APIs, as required along with writing queries for custom report generation including performance reports
- Configure RBAC, Automated Meter Operations, Meter data acquisition/ collection , Scheduling, Firmware upgradation, Time Synchronization, Data consistency for Billing Determinants, Task manager, event handling, service order management, etc.



- Application security, device access security (DLMS/COSEM), self-diagnostics & audit trail (for policies & data integrity) configurations
- Configurations of HES functionality as per project need, configuration of Communication Gateway as per the network design in IPv4 & IPv6.
- Responsible for deployment, data migration, solution performance, use case prep, commissioning tests till Go-Live
- Understand customer requirements, prepare all the Detailed Engineering documents like System Architecture, EBOM, Solution Write-up, FRS, SRS etc. for relevant technologies & Solutions
- Responsible for enhancing, re-engineering, maintaining web applications built with MDM system
- Helping to ensure good engineering practices are adopted and used within the team.
- Working closely with stakeholders to understand the various metering systems including details of their interfaces, data models and capabilities in order to design appropriate solutions.
- Energy & Utilities domain with Preferred Experience in the area(s) of; Advance Distribution Management System (DMS/ OMS/ GIS etc.), Meter Data Management System (MDMS)/AMI, Head End System (HES), Work and Asset Management System (AMS)
- Provide training to End user & internal team

Qualification and Experience:

BE/ B.Tech in Electrical
Minimum 4 Years of experience in MDM/ HES

Interested candidates to share their latest profile to talent.egsindia@enzen.com