Project Manager – PD Monitoring, Project Delivery & Services

Company	IPEC (ABB Entity)	**Employment**	Full-time, permanent
Location	Riyadh, Saudi Arabia; Travel across KSA	**Department**	Projects / Project Services
Reports to	Sr. Project Manager(s)	**Nationality**	Open to all nationalities
Role focus	Project execution, OLPDM analysis, SLA maintenance and CBM	**Travel**	Customer and project sites as required
Number of Positions	**01**		

Company and Job Purpose

IPEC specialises in online partial discharge (PD) testing and monitoring of medium- and high-voltage (MV/HV) assets. IPEC KSA delivers online partial discharge monitoring (OLPDM) projects, service-level agreement (SLA) maintenance and condition-based monitoring (CBM) testing for power utilities and industrial customers. The Project Engineer coordinates project delivery and technical service activities, analyses OLPDM data, prepares customer reports and supports safe, timely and commercially controlled execution from planning through commissioning, maintenance and handover.

Key Responsibilities

Project Execution, Planning and Coordination

- Coordinate assigned OLPDM and electrical monitoring projects from planning and mobilisation through installation, testing, commissioning, customer handover and close-out, in line with approved scope, specifications and contractual requirements.
- Maintain project schedules, activity plans, deliverables registers, action trackers and document records; monitor milestones, dependencies, progress and resource needs, and promptly escalate delays, constraints and risks.
- Coordinate with Project Managers, engineering, field service, procurement, logistics, suppliers, subcontractors and customer representatives to ensure site access, materials, equipment, permits and personnel are ready when required.
- Support project kick-off, internal and customer progress meetings, site coordination, action closure and lessons-learned reviews.

OLPDM Data Analysis and Technical Reporting

- Review and analyse online PD monitoring data, system trends, alarms and waveforms, where available, to identify abnormal activity, assess system performance and support investigation of potential insulation defects.
- Prepare clear, accurate periodic technical reports describing findings, trends, observations, limitations and recommendations; ensure conclusions are evidence-based and seek specialist engineering support where needed.
- Support root-cause investigations of abnormal PD activity, data-quality concerns, system faults and monitoring performance issues; coordinate with IPEC technical/product support teams and track corrective actions.
- Maintain accurate technical records, system histories, analysis files, maintenance logs and customer deliverables in approved formats and systems.

SLA Maintenance, CBM and Field Support

- Plan and undertake customer site visits for preventive and corrective maintenance of permanently installed OLPDM systems, SLA activities, CBM testing and technical investigations, within training and authorisation.
- Troubleshoot system and field issues, coordinate repair or replacement actions, verify system operation after intervention and document work completed, outstanding defects and follow-up requirements.
- Support installation, testing and commissioning activities with field engineers and technicians; ensure test records, checklists, service reports and handover documents are complete and traceable.
- Manage assigned service activities against contractual response times and deliverables; identify potential scope changes or additional work and raise them through the approved commercial process.

Project Controls, Cost and Progress Reporting

- Maintain project cost and resource trackers against approved budgets, purchase orders and project baselines; track manpower, travel, accommodation, subcontractor, material and equipment costs as applicable.
- Monitor actual and committed costs, budget utilisation, variances and forecast final cost; support cost-to-complete estimates, margin reviews and recovery actions with the Project Manager.
- Review timesheets, expense claims and supporting cost information for completeness and alignment with project activities before submission through approved processes.
- Prepare concise status reports covering schedule, technical progress, cost, resources, risks, issues, quality, HSE and decisions required; validate site updates and explain variances and recovery plans.

Quality, HSE and Customer Management

- Follow company quality procedures, customer specifications, applicable regulations, HSE rules, risk assessments, method statements and permit-to-work requirements. Stop and escalate unsafe work or activities outside competence or authority.
- Maintain complete inspection, testing, maintenance, commissioning and handover records; coordinate punch-list closure, final documentation and customer acceptance as applicable.
- Maintain professional customer and supplier relationships, communicate progress and constraints clearly, and protect confidential customer and company information.
- Coordinate and guide project engineers, technicians and site personnel assigned to activities, as delegated; clarify tasks, monitor completion and promote teamwork, accountability and safe behaviour.

Qualifications, Experience and Competencies

- Bachelor’s degree in Electrical Engineering, Electronics, Instrumentation, Power Systems or a related technical discipline; equivalent relevant experience may be considered.
- Typically 1–3 years’ relevant experience in electrical systems, project engineering, testing, monitoring or field services; candidates with stronger project controls/cost management experience are advantageous. OLPDM/PD experience is a plus.
- Good understanding of MV/HV assets such as transformers, switchgear, cables and substations, with the ability to interpret technical data, electrical drawings and system documentation.
- Strong analytical and troubleshooting skills, attention to detail, planning and follow-up, numerical ability, and confidence in identifying and escalating risks.

- Excellent written and verbal communication and customer-facing skills; able to prepare technical reports and concise project updates.
- Proficient in Microsoft Excel and PowerPoint; experience with Microsoft Project or equivalent scheduling tools is desirable. Comfortable managing data, trackers, records and multiple priorities.
- Collaborative, accountable and customer-focused, with a commitment to quality, HSE, continuous learning and improvement. A valid Saudi driving licence and willingness to travel extensively across KSA are required/preferred, subject to role needs.

Working Conditions, Reporting and Performance

- Full-time, permanent position based in Riyadh, with travel to customer sites across Saudi Arabia, including possible remote locations and overnight stays. Work schedules are subject to company policy, project needs and applicable Saudi labour requirements.
- Reports to Project Manager(s) and works closely with engineering, field services, procurement, logistics, finance, HSE, quality, suppliers and customers. Coordinates assigned activities within delegated authority; budget changes, contractual commitments, commercial approvals and scope changes require authorised approval.
- Performance will be assessed through milestone and schedule adherence; accuracy and timeliness of technical reports, project status updates and cost trackers; quality of OLPDM analysis and maintenance records; SLA and deliverable compliance; forecast accuracy; early escalation and closure of risks/actions; safe working practices; resource coordination and customer/Project Manager feedback.

Application: Please submit a CV highlighting relevant electrical/project experience, OLPDM or PD monitoring knowledge, data analysis and reporting capability, project coordination and cost-control experience, and availability for travel within Saudi Arabia.