Mechanical Lead | Life Sciences | Leixlip, Kildare, Ireland

Mechanical Lead | Life Sciences | Leixlip, Kildare, Ireland

- Opportunity for an experienced Mechanical Lead to join a major Life Sciences construction project in Leixlip, Co. Kildare.
- The role focuses on the technical delivery and management of bulk and specialty gas systems, including nitrogen, oxygen generation, hydrogen distribution and cryogenic storage systems.
- A full-time opportunity suited to an experienced mechanical engineering professional with strong technical, vendor management and project delivery capabilities.

Oradeo Recruitment is seeking a Mechanical Lead – Bulk & Specialty Gas Systems to join a leading construction project in the Life Sciences sector in Kildare. The successful candidate will manage specialist vendor packages from concept development through design, procurement, manufacturing, installation, commissioning and handover, ensuring technical compliance and seamless integration with wider project infrastructure.

Mechanical Lead Responsibilities:

- Manage bulk and specialty gas vendor packages throughout the project lifecycle, from concept development through commissioning and handover.
- Act as the primary technical interface between equipment vendors and project stakeholders.
- Review and coordinate vendor deliverables, including PFDs, P&IDs, layout drawings, general arrangements, equipment data sheets, control philosophies, cause and effect matrices, utility requirements and O&M documentation.
- Monitor vendor progress against design, procurement, manufacturing and commissioning schedules.

- Lead design review meetings at 30%, 60%, 90% and IFC stages, ensuring technical queries and outstanding actions are closed out promptly.
- Review process designs for compliance with client specifications, industry standards and project requirements.
- Challenge and optimise vendor designs to improve reliability, maintainability, energy efficiency, constructability and operational flexibility.
- Review process calculations, system redundancy philosophies, turndown strategies, pressure control schemes, equipment selections and utility consumption data.
- Identify and mitigate process hazards and operational risks throughout the design and delivery process.
- Coordinate interfaces between vendor packages and civil/structural, mechanical, electrical, instrumentation and controls, building management, fire protection, life safety and facility monitoring systems.
- Manage battery limit definitions and interface documentation, ensuring effective integration between vendor-supplied systems and site infrastructure.
- Support the preparation of technical tender packages, vendor evaluations, tender reviews and technical clarifications.
- Review commercial and technical submissions, track procurement and manufacturing progress, and participate in factory inspections and Factory Acceptance Testing (FAT).
- Review vendor quality documentation and manufacturing records to ensure compliance with project requirements.
- Provide engineering support during installation and system integration, reviewing shop drawings and construction work packages and supporting constructability reviews and installation sequencing.
- Resolve technical issues arising on site and respond to Requests for Information (RFIs).
- Participate in site inspections, QA/QC walks and punch-listing activities.
- Support the development of commissioning plans and procedures, participating in Factory Acceptance Tests (FAT), Site Acceptance Tests (SAT), start-up activities, performance testing and reliability demonstrations.
- Assess system performance against vendor guarantees and project requirements, coordinating operator training and handover activities.
- Review system compliance with statutory requirements, semiconductor industry standards, client engineering standards, environmental regulations and health and safety requirements.
- Participate in HAZID, HAZOP, design risk assessments and process safety reviews, promoting a strong process safety culture throughout project execution.

Necessary Skills & Requirements:

- Degree in Mechanical Engineering, Building Services Engineering or an

equivalent technical qualification.

- Demonstrated experience leading mechanical delivery on Tier 1 or equivalent construction projects.
- Experience managing specialist vendor packages and coordinating technical interfaces across multiple engineering disciplines.
- Strong technical engineering capabilities, with the ability to review process designs, equipment specifications and vendor documentation.
- Experience supporting procurement, manufacturing, construction, installation, commissioning and handover activities.
- Strong stakeholder coordination, communication and problem-solving skills.
- Valid Safe Pass and relevant health and safety training, such as CSCS or equivalent.
- Chartered Engineer status, or working towards professional membership with Engineers Ireland, CIBSE, ASHRAE or a similar professional body, is desirable.
- A postgraduate qualification in project management or construction management is desirable.
- Specialist training in GMP, cleanroom environments or regulatory compliance relevant to the Life Sciences and technology sectors is desirable.

For more information about this Mechanical Lead position or other senior construction & engineering opportunities, contact Oradeo Recruitment confidentially on +353 16877188 or email recruitment@oradeo.com

About Oradeo – Oradeo Recruitment are specialists in the construction & engineering sector. We are a leading service provider in Ireland, the UK, and Europe for professional recruitment services and managed labour across Construction & Civil Engineering, Data Centres, Mechanical & Electrical, Life Sciences, and Renewable Energies sectors.