



Senior Materials Handling Engineer

If you wish to apply please email your CV and covering letter to:
recruitment@rjm-international.com



Working Hours

Mon-Fri



Salary

Competitive



Location

Winchester



Contract Type

Full Time, Permanent

Why work with RJM?

RJM International is a world-leading, engineering technology business that enables energy producers to transition to efficient, reliable and cost-effective low carbon generation - and we looking to expand our team to meet market demand.

RJM's twin-track approach is to support existing assets which have decades of operating life remaining, by reducing their emissions and carbon footprint and to support the biomass and Energy from Waste sector to improve reliability and performance.

We are actively working with our customers in their efforts to reduce their carbon footprint, whether that is by improving efficiency, fuel switching such as from coal to gas or biomass co-firing / conversion. Our projects require bespoke solutions which demand technical and commercial creativity in order to meet our customers' needs. Over the years we have won many awards for innovation including "The Queen's Award for Enterprise: Innovation".

RJM works across several sectors, from utility generators to industrial energy users. We work on all types of plant and boilers from 1,000MWe power units to 100MW gas-fired boilers. Our knowledge base covers all types of fuels and all firing systems. We are also very active within the biomass and Energy from Waste markets where we resolve issues encountered in bubbling bed combustors/gasifiers and grate combustion units.

Through steady expansion, RJM has grown its expertise, technical ability, and knowledge to provide clients with a wide range of engineering-based products and consulting services. We operate globally and successful candidates will have the opportunity to work in different parts of the world on a range of exciting projects.

From our Head Office in Winchester, we also provide support to our offices in Singapore, Malaysia and the USA, and there are opportunities to work in these regions.

About the Job

Working within our Engineering team and alongside the CFD team, this will be a varied role considering the flow/movement/transportation of various materials including coal, ash, RDF, SRF, biomass, lime, activated carbon. You will be working along with the rest of the team to determine the root cause of our customers' problems and develop and deliver solutions. There will also be opportunities to get involved sales and proposals as well as all phases of the project process. We are looking for someone with experience in materials handling and the movement of bulk materials and who are keen to develop further.

Key Responsibilities

- To evaluate materials handling processes and consider improvements to design, application selection and mechanical design.
- To make recommendations for improvements/modifications to existing systems.
- To design new systems if required with assistance from others (could include hoppers, conveyers, screw feeders, dense/lean phase materials transport).
- To collaborate with clients, engineers, and other staff to understand the material handling needs and effectively communicate requirements.
- To advise any specific tests that may be needed to help system design.
- To assist in establishing design criteria for preliminary and final engineering for all areas of the project, either by RJM engineers or subcontracted. This could include the following criteria:
- Preparing documentation for engineering and detail design
- Preparing documentation for design calculations, sizing and selection of components, to ensure compliance with contract requirements
- Preparing specifications for all design work to be sub-contracted, evaluating bids and coordinating the activities of outside design firms or consultants to confirm design/sizing will meet technical requirements for the contract
- To assist with tender / RFQ data collection and summarising that information
- Ensuring compliance with RJM's QMS procedures and generate and compile QA packs
- Interfacing with RJM's engineering team or its subcontractors to coordinate and provide updates to all stakeholders.
- To monitor construction sub-contractors and other associated construction functions necessary to erect supplied equipment, material and engineering services for specific projects.
- To assist with hands-on diagnostic testing, start-up, and optimisation of systems.
- To prepare proposals, presentations and pricing for sales opportunities.

Knowledge, Skills and Educational Requirements

If this role is of interest, but you do not meet all the criteria, please still get in contact. We would be interested to see what you can offer.

Required:

- Engineering degree (Mechanical/Chemical Engineering or related field)
- 10 years or more experience in materials handling – in mining or power sector is preferred
- Experience in project engineering in small to medium-sized projects
- Demonstrated ability to assist with working on managing cost, schedule, customer interface and contracts
- Strong collaboration skills with the ability to interface at all relevant levels within the Company, with good communication and presentation skills
- Strong computer skills including demonstrated experience in the use of Microsoft products
- Ability to learn quickly in a highly dynamic environment
- Good knowledge of Microsoft office and applications such as Word, Excel etc
- Chartered Engineer status, or working towards Chartered Engineer

Advantageous:

- Knowledge of SolidWorks
- Additional Language skills
- Full UK Driving License
- Ambitious and responsible with an appetite for self-development

Benefits

- Subsidised private healthcare
- Discretionary Bonus Scheme
- Pension
- Death in Service Benefit
- Opportunities for flexible working
- Continuous development opportunities

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