



Job Opportunity for Product Development – Transit Engineer in BKK Thailand

About Client:

The Company scope of supply for the **Bangkok Pink and Yellow monorail project** is the manufacture, testing, delivery, installation and field verification of the power rail system. (Design is 90% complete.)

Essential Duties and Responsibilities

- The assigned Project Engineer will be permanently based in Bangkok and is required to support the project throughout the full duration ending approximately 02 of 2021.
- The Project Engineer shall support all engineering activities associated with the system configuration, installation and as-built condition.
- In addition to completing and delivering technical documentation deliverables (per the CDRL) this individual is expected to provide direct engineering support to internal and external customers throughout all phases of the project.
- Arranges and participates technical meetings with our customer.
- Prepares clear, complete and accurate working CAD/Solid works drawings from concepts, rough or detailed sketches or notes, if required with the help of a draftsman.
- Carries out all activities related to integration of the power rail system with civil, vehicle, and Power Distribution System engineers. Specifically, power rail configuration at switch beams and switch elements, proper positioning and attachment of the power rail on the monorail beam, and power cable connection and power rail segmentation.
- Coordinates drafting and drawing development activities associated with the as-built system.
- Confers with quality, manufacturing, engineering and installation personnel and prepares design revisions as required.
- Assists with design verification of the power rail solution as installed to ensure specifications are met.
- Supports on-site inspections by Quality Assurance and supports installation and commissioning activities.
- Measures and verifies distances to verify accuracy of dimensions of structural installations and layouts.
- Uses Windows based software/hardware to produce and edit technical documents deliverables in accordance with contract requirements.
- Performs any other duties as required by the customer and assigned by management.
- Supports and upholds the Quality and EHS policy.
- Upholds the Company Corporate Core Values.
- No direct supervisory responsibilities but must be comfortable working with a cross-functional team and within a matrix organization.

Qualifications

- Bachelor's degree in Mechanical/Electrical Engineering from four-year College or university or related field.
- Minimum 3 to 5 years' experience in design and/or integration of mechanical or electro-mechanical systems. Cross-functional and/or construction experience a plus.
- Must be able to perform typical mechanical engineering calculations and apply basic electrical engineering concepts for product configuration, installation and application.
- Ability to define problems, collect data, establish facts, and draw valid conclusions. Ability to interpret an extensive variety of technical instructions in mathematical or diagram form and deal with several abstract and concrete variables.
- Must be proficient (writing and speaking) in English, if possible Thai language would be an advantage.
- Ability to read, analyze, and interpret engineering specifications and drawings.
- Ability to write reports, business correspondence, and procedure manuals.
- Ability to effectively present information and respond to questions from groups of managers, clients, customers, and the general public.
- SolidWorks and/or AutoCAD is an advantage
- Electrical and schematics: ability to interpret and create Mechanical design
- Knowledge of the applicable Thai electrical code is an advantage
- Microsoft Office

Additional Information:

- Salary Range: Competitive to Market Rate
- Working days & Hours: 5 days and BKK, may be overtime based on the biz need.
- Work Location: BKK
- Bonus Scheme: (if any) 15% of the annual base pay (variable based on the overall project delivery performance)

Interested, please send full resume to paul@omni-interconsult.com or visit www.omni-interconsult.com

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