

## **Project Management Engineering Specialist - Project Logistics Division** Emphasis: Logistics Engineering Planning

### **Overview:**

The Project Management Engineering Specialist in the Project Logistics Division is focused on the development, review and execution of sound logistics practices, with strong emphasis in Logistics Engineering. This position will concentrate on creating and managing technical lifting and securing plans with respect to large, heavy, complex, oversized cargo primarily for use in the power generation industry such as Turbines, Generators, Transformers, Boilers, etc. Particular knowledge is required with respect to the logistics engineering of lifting, securing and transporting large, heavy and oversized components via truck, barge, rail and/or vessel.

### **Key Responsibilities:**

- Perform design engineer tasks on multiple heavy lift/heavy transport projects with focus of minimizing risk.
- Review and manage all subcontractor technical activities relative to a specific project. Tasks include, but not limited to; cargo securing calculations and required material, center of gravity review, lifting calculations and required lifting equipment (chains, shackles, slings, spreader bars, etc.) stability design and review of loads on rail cars, transports and/or barge.
- Ensuring that during the execution of a project, subcontractors coordinate and manage their scope of supply in a manner conducive with TLGA engineering instruction as well as risk mitigation and reflective of the professionalism of Toshiba.
- Carry out design calculation on lifting equipment, crane capabilities, and other heavy rigging transportation applications.
- Calculation, evaluation, planning and creation of lifting and transport drawings.
- Preparation and review of procedures and processes associated with the technical requirements of individual contracts and overall subcontractor performance. Training and evaluating of subcontractors as necessary.
- Assisting with the development of logistics plans that are focused on risk mitigation, scheduling and budgets.
- Assisting with periodic evaluation and management of approved subcontractors.
- Managing subcontractors compliance to TLGA procedures and practices with respect to logistics engineering capabilities.
- Assisting TLGA Project Managers in developing transportation and lifting drawings to quote, plan and execute heavy lift and transportation activities.
- Updating libraries of engineering drawings, according to established systems.
- Providing on-site support for field personnel, project managers and customers of TLGA during larger or more technical projects.

### **Qualifications:**

- Minimum 5 years transportation administration and operations experience with direct work experience in heavy haul, barge, rail and/or crane & rigging industry, with strong focus in logistics engineering.
- Experience in Civil/Structural or Mechanical engineering projects
- Construction industry experience preferred
- Must have working knowledge and experience with AutoCAD

The responsibilities and qualifications outlined in this description are not all-inclusive. Additional duties may be added and the position description may be changed at any time. ADA Information: Accommodations may be made to enable otherwise qualified individuals with disabilities to perform essential job functions.

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- Strong mathematics and analytical background
- Must be able to work on multiple tasks with little direct supervision in a fast paced environment
- Possesses a detailed knowledge of the equipment, materials and techniques used to perform heavy lift and heavy transportation.
- Possesses a detailed knowledge of structural design and the strength of structures
- Able to travel (30-60%) as required by the project, typically short in duration
- Basic knowledge of Heavy Haul, Over dimensional rail, Barge and Port Operations
- Excellent verbal and written communication skills
- Computer literate, experienced with MS Office software
- Able to obtain a TWIC (Transportation Workers Identification Card) and Federal Background Check
- College Degree or equivalent in an Engineering Discipline
- Office location is Charlotte, NC

### **Contact Information:**

Candidates wishing to apply for this position please email cover letter and resume to **careers@tlga.toshiba.com**.

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