

ELECTRICAL DESIGNER - QUOTATIONS AND CONCEPT



Partner Technologies Incorporated is a leading innovator of transformer technology with expertise in design, manufacture, delivery and servicing of medium and large power transformers using innovative, sustainable and custom-built solutions that bring value and quality to our customers.

Job Summary:

Reporting to the Chief Engineer, the Electrical Designer - Quotations and Concept is responsible to convert customer and engineering requirements into cost effective, manufacture friendly, electrical designs for power transformers at quote stage and concept stage after receipt of order.

Key responsibilities:

- Perform electrical design at the quotation stage and also concept design at the order stage ensuring the customer specification and application of the transformer are met and in compliance with applicable standards, while being cost effective.
- Meet the target dates for design outputs including material requirement for costing and data sheets.
- Ensure electrical design is within the technological manufacturing and test capabilities of the plant.
- When required identify and document design inputs considering quote documents, correspondents, pre-order meetings and Purchase order from customer and participate in PCAR & Kick off meeting with customer when needed
- Prepare and issue Bushing and Lightning arrester (BULA) document for customer approval
- Perform Preliminary Design of the transformer to be within the target cost conforming to the Design inputs, established design parameters and performance characteristics.
- Organize Design Philosophy meeting involving Production design group and manufacturing and revise design based on above meeting
- Prepare and issue Preliminary electrical design document to Production design group
- Participate in Design Review meeting with customer when needed
- Perform other department operational and administrative duties as assigned.

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Qualifications and Experience:

- Bachelor of Science degree in a relevant discipline of Engineering.
- Professional Engineer designation as asset.
- Minimum 5 years engineering design experience in the power transformer industry.
- Basic understanding of manufacturing processes.
- Excellent organization skills
- Ability to work independently and in a team environment.
- Ability to communicate effectively with all levels in the organization.
- Proficiency in Microsoft Office (Word, Excel).

Physical Environment:

- Office and comparable conditions, limited exposure to dirt, heat, noise, fumes, or other disagreeable factors, limited exposure to shop conditions, limited exposure to hazards.

Thank you for your interest in PTI Manitoba Inc. Please note that only those selected for interviews will be contacted. **Please send in your cover letter and resume to mb.hr@partnertechnologies.net attention: Nidia Jones, Senior HR Generalist.**