



Job Summary

Job Code	ELEC720-PE03	Date	2022/01/12
Title	Project Engineer III	Department	Electrical Engineering
Work Type	Full Time	Location	Memphis, TN
General job Tasks	<p>Manage the project through its various stages from quotation to final customer acceptance. Attend discussions with customer regarding their expectations and preferences, Attend discussions with mechanical engineering regarding their expectations and preferences, Develop costs for equipment types and methods. This includes sizing control panels, I/O and electrical service. On-site inspections and meetings with plant engineering and maintenance are required</p> <p>Control system: Lay out and create electrical drawing package in accordance with existing NKC and customer standards and conforming to customers electrical specifications and NFPA codes. Create controls and device communications scheme and layout. Create control panels' Bill of Materials, layouts and schematics.</p> <ul style="list-style-type: none"> • Specify and acquire all required parts and materials. • Oversee panels construction and test check when completed. • Develop programs for PLCs and Safety PLCs. • Develop required HMI screens, often based on customer's similar equipment's. • Coordinate with installation department, field electrical personnel, and customer regarding installation requirements, locations, power drops, etc. • Assist with installation on-site when and where possible. • Travel as required throughout duration of project. This includes meetings with customer, on-site inspections, installation and commissioning. • Provide required documentation for control systems, schematics, manuals, and training. 		
Responsibilities	<ul style="list-style-type: none"> • Specification of electrical purchased parts. • PLC Program development and commissioning. • Provide on-site direction of electrical aspects of installation. • Leadership as required. 		
Qualifications	<ul style="list-style-type: none"> • Related College studies / engineering /electrical / industrial • PLC experience • CAD experience • Field commissioning experience • Microsoft Office experience • Each of the above is desirable in a candidate but there are no absolutes. Adaptability and ability to work with a team and with the customer are of high importance. 		