



Optima Engineering seeks Electrical Engineers – Mission Critical Projects in Charlotte, NC to provide input on the viability of proposed projects, prepare project proposals and select members of the design team. Generate design options and cost analyses, perform code reviews and provide input to the client to aid the selection of the preferred design scheme. Prepare sketches and develop draft reports. Conduct the in-house review and approval of the draft report and sketches and provide input to the final report for the client. Provide input on the overall project schedule and assist drafting personnel in setting up the project in AutoCAD or Revit. Develop complete drawing lists and design development plans projects. Conduct design checks for compliance with applicable codes and assist designers in the creation of engineering calculations and drawings. Create outline specifications, conduct preliminary reviews, and perform internal design reviews and approvals. Perform design and interdisciplinary coordination, conduct QC review and verification and support the final Design Development review and approval. Complete drawings and calculations in the Construction Document Phase. Resolve owner comments and conduct final discipline reviews and coordinate agency review and approval. Issue bid documents, conduct pre-bid meetings and answer RFIs from bidders. Observe construction efforts to ensure conformance with design.

**MINIMUM REQUIREMENTS:** Bachelor's degree in Electrical Engineering and 36 months of relevant experience performing similar duties on Mission Critical projects.

**SPECIAL REQUIREMENTS:** Professional Engineering (PE) Certificate

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