

**We're hiring!**

## Position: **Electrical Design/Engineer**

**RND Automation, a rapidly expanding robotic automation, assembly & packaging equipment company is seeking an Electrical Design/Engineer for Florida's largest industrial automatic, robotics, and packaging machinery manufacturer in Lakewood Ranch, Florida.**

### **Job Description**

The Electrical Design/Engineer works with a team of other electrical and mechanical engineers, to design, debug, and manufacturer custom automation equipment, packaging and robotic work cells. To this goal, it is the Electrical Design/Engineers responsibility to create electrical enclosure and single line electrical schematic prints, analyze and correct redline prints, troubleshoot and debug electrical designs, sets up communication devices (DeviceNet, Ethernet etc.), and determines material and component specifications based on job requirements. This requires following RND standards for both process and component selection, as well as helping to set/modify those standards with the team, when needed.

### **Duties and Responsibilities**

- Create electrical enclosure and single line schematic prints, utilizing AutoCAD Electrical
- Verifies conformance of components to customer specifications
- Creates electrical bill of materials
- Performs test and de-bug and set up of devices
- Use voltmeters, ammeters, oscilloscopes and other test equipment to debug and fix wiring mistakes in panels
- Utilize proper wiring methods and codes
- Work with panel shop to ensure proper panel build and ohm check finished panels
- Maintain and help to set standards for electrical component selection and use
- Actively participate in project design reviews and huddles

### **Requires:**

3+ years' experience in creating electrical enclosures, schematics, analysis, heat calcs and component selection.

- AutoCAD Electrical
- Electrical enclosure design
- Component Selection
- UL508A standards

### **Additional Information**

- Please apply to Marna Perkins at [mperkins@rndautomation.com](mailto:mperkins@rndautomation.com)
- Principals ONLY - No Recruiters Please