



## **HV/LV Systems Engineer**

Bollinger Motors is seeking a full-time HV/LV Systems Engineer to work in HV/LV systems on the Bollinger B4 program. This position will work with the electrical design team to ensure launch readiness of all systems and components in the vehicle's electrical signal and power distribution networks. This position reports to the HV/LV Manager and is an in-person role at the company's Oak Park, MI headquarters.

### **Essential Duties & Responsibilities**

- Familiarity with High Voltage EE system development and vehicle integration.
- Support definition of architectures, requirements, design/selection, and validation plans for various high- and low-voltage electrical systems and components including controllers, power distribution units, power converters, and harnesses.
- Work cross-functionally with the Thermal, Controls, Body, and Chassis teams to define integration strategy, requirements, and validation plan of above devices in the respective systems.
- Develop necessary engineering interface documentation (including device transmittals, BOMs and harness schematics) and PLM documentation (including DFMEA, PFMEA, and DVP).
- Lead the Design and Release process of high voltage and low voltage electrical system and related components
- Work with suppliers to ensure that electrical component specifications, design quality and timing expectations are met.
- Support hands-on integration, testing, and troubleshooting of above devices on test benches and prototype vehicles.
- Regular and proactive communication to management of project issues, delays, risks with potential solutions and needed resources.
- Ensure process improvements based on previous build and test data are identified and executed.

### **Education, Skills, and Knowledge**

- Bachelor's Degree in Electrical Engineering – Master's Degree considered a plus.
- 1-5 years of OEM or Tier 1 experience, preferably on HEV, PHEV, or BEV platforms.
- Ability to lead design and release application work for electrical systems.
- Experience working in structured engineering process including definition of requirements and objective function, concept creation, market analysis for components, analyzing options, and making final engineering decisions.
- Ability to work in a shop environment when needed to support physical test bench and vehicle builds.
- Self-starting and ready to work with a small team in a fast-paced startup environment.

Email resume to [careers@bollingermotors.com](mailto:careers@bollingermotors.com)

**ALL APPLICANTS MUST BE AUTHORIZED TO WORK IN THE UNITED STATES**