



## SR. ELECTRICAL CONTROLS ENGINEER POSITION DESCRIPTION

**Title:** Senior Mechanical Engineer

**Classification:** Exempt

**Reports to:** Engineering Manager

### Position Summary

This mechanical engineer position is to provide mechanical design, build, programming and field work for internal and external customers. Its purpose is to utilize 3D cad software and other tools to design mechanical portions of robotic systems, including but not limited to fabricated components, equipment layouts and pneumatic systems.

The person in this position is responsible to carry out these essential functions in a manner which reflects the core values of Robotic Technical Support Services, Inc mission: To make a difference in the marketplace by providing Reliable, Respectful, and Responsible Engineering and Technical Services.

### Essential Functions

- Lead and oversee the mechanical engineering team. See that tasks and assignments within projects are executed accurately, on time, and on budget of costs and hours.
- Drive the setting of company standards among the mechanical engineering and leadership teams.
- Do estimations for mechanical portions of proposals.
- Creating mechanical designs related to industrial system integration, including but not limited to: robot risers, end of arm tooling, hose containment, layout drawings, and pneumatic schematics.
- Corresponding with project managers, project teams, and clients.
- Growing professionally by engaging in a variety of market sectors with the guidance and experience of the existing team.
- Working on multiple, unique assignments simultaneously and independently with the initiative and ability to take on new projects and other challenges regularly.

### Supervisory Responsibility

The person in this position serves as supervisor to the mechanical engineering team and should present qualities associated with this position of authority including reliability, responsibility, and respect. This individual will display professionalism and act responsibly with the utmost integrity and with loyalty to the RTSS team.



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### **Physical Demands**

This position may require walking, standing, or sitting for prolonged periods of time. It also requires the ability to focus on a computer screen for extended time.

The physical demands of this job include, but are not limited to, the ability to speak, hear, and see near and far as well as walking to use office and shop equipment, filing, bending, and occasional lifting up to 30 pounds, and use of power tools

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

### **Position Type/Expected Hours of Work**

This is a full-time position. Days and hours of work are Monday through Friday, 8 a.m. to 5 p.m. Occasional evening and weekend work may be required as job duties demand.

### **Travel**

The expected travel for this position does not exceed 33% and will primarily occur during project scope and installation phases.

### **Required Education and Experience**

An associates degree or higher in Mechanical Engineering, Mechanical Engineering Technologies, or related field. A minimum of 7 years of experience in mechanical design, robot integration knowledge is preferred. Must have experience using 3D design (Solidworks). Paint, dispense application, material handling, and injection molding experience are a bonus.

### **Preferred Professional Certification**

Professional Engineer certification is preferred but not required.

### **Work Authorization/Security Clearance (if applicable)**

Authorization to work in the United States without sponsorship.

### **Salary**

Salary is dependent upon credentials and will be negotiated with job offer.