SR. SYSTEMS/ ELECTRICAL ENGINEER POSITION PROFILE

COMPANY OVERVIEW:

OrthAlign, Inc. is a privately held medical device company that was established in the summer of 2008 and based in Irvine, CA. The company is developing a line of computer assisted surgical devices that distill the critical features and benefits of large surgical navigation systems in a non-invasive, disposable, palm-sized solution with accompanying instrumentation. OrthAlign's goal is to create a new standard of care in total joint replacement, making consistent and measurable results accessible to surgeons and patients.

OrthAlign, Inc., is in the phase of confirming the practicality of the technology, the applicability to the surgical suite and is bringing the first generation of products to market. Initial prototypes have been received favorably by leading orthopedic surgeons in the US. The company expects to start commercialization of its first products in the first quarter of 2010.

ELECTRICAL ENGINEER:

OrthAlign is currently seeking a Systems/**Electrical Engineer**, who will report to the Director of Engineering/Operations. The Electrical Engineer is a new position responsible for many aspects in the creation of computer assisted surgical devices for use in the orthopedic surgical space. The Electrical Engineer will maintain and follow proper ISO procedures and GMP requirements with special knowledge of 9001 standards. The ideal candidate will work well in a flexible and start-up company environment. Candidate will possess the knowledge and experience of working with outsourced resources in a lean organization.

PERFORMANCE OBJECTIVES: To achieve the mission for this position, the Systems/Electrical Engineer must produce the following critical actions and results:

Initial Deliverables:

1. Support design and software improvements for new products.
2. Assist in verification and validation of existing products.

Ongoing Deliverables:

1. Design and development of hardware, firmware, and software.
2. Component specification and selection; system integration.
3. Testing to validate design and standards requirements compliance.
4. Creates detailed engineering specifications, drawings and test reports.
5. Coordinate integration of mechanical electrical subsystems.

BACKGROUND AND EXPERIENCE REQUIREMENTS: The ideal candidate will have the following education, work history, knowledge and skills:

- Bachelor's degree in Electrical Engineering.

    - packaging, including selection of suitable materials and interconnects
- Practical experience in development, programming of real-time embedded controller device.
- Possess a broad knowledge of the mechanical engineering field and regulatory aspects of product development.
- Experience in designing, testing, and validation of class II medical devices.
- Demonstrated programming experience in C or C++
- Experience in developing requirements and specifications.
- Experience as a test engineer writing test procedures, test specifications and diagnosing and debugging software.
- Experience using data-analysis tools such as Matlab.
- Experience using and programming for microcontroller devices.
- Knowledge of mechanical design and/or machine shop experience
- Experience working with external development and manufacturing resources.
- Excellent analytical, problem solving and organizational skills
- Excellent organizational, documentation and written/verbal communication skills
- Willingness to travel

PERSONALITY AND CHARACTER:

The ideal candidate will have most of the following traits:

- Passion for success
- Customer driven
- Projects confidence and competence
- Team player