

Senior Engineer in Southwest Houston

The Company

A leader in its industry, the Company is a custom manufacturer of special purpose electronic components that are used in harsh conditions and in applications where reliable performance is critical. The Company has a broad customer base in a variety of industries. Growth has been steady over the past four years, and annual revenues will exceed twenty million this year. The Company is over forty years old and is privately held.

The Company is extremely focused on innovation, quality and attention to detail in the context of creating a culture that will sustain and enhance long-term customer relationships. The Company is also committed to employee retention and to work-life balance, seeking long-term relationships with employees as well as customers. The internal environment is open and informal. The Company is located in Southwest Houston.

The Position

This position has been created due to the expansion of the business. The Senior Engineer will direct the creation of new products, the updating and modification of existing products, and will participate in the creation of new intellectual property either directly or through subordinates. Responsibilities will include:

R&D

- Confers with engineers, customers, and others to discuss existing or potential engineering projects and products.
- Stays abreast of technology developments in the industry.
- Develops leading edge technology to increase the intellectual property of the Company.
- Develops new applications utilizing the conductive properties of metallic and nonmetallic materials.

Management/Leadership

- Directs field operations and maintenance of electronic installations.
- Trains company employees as needed for new technology dissemination.
- Directs the activities and sets priorities for team members working on one or more projects.

Sales/Business Development

- Assists salespeople when making initial and subsequent contact with potential customer (when the project complexity requires engineering assistance).
- Makes presentations at selected conferences and trade shows (once or twice a year).
- Authors white papers for trade journals.

Design

- Uses computer assisted engineering and design software and equipment to perform engineering tasks.
- Evaluates systems and recommends design modifications to eliminate causes of malfunctions or changes in system requirements.
- Performs design reviews of customer, contractor and associate's designs.
- Documents designs and design processes as required to meet ISO 9000 or equivalent quality standards and company quality system.

New Product Development

Researches, develops, designs, and tests electronic components, products, and systems by performing the following duties:

- Prepares quotes for custom applications and designs.
- Designs electronic circuits, components, products and systems for custom applications.
- Design, layout and assembly of prototypes.
- Directs activities to ensure that manufacturing and testing conform to functional specifications and customer requirements.
- Directs and coordinates operation, maintenance and repair of equipment in field installations.
- Meets with and coordinates activities with customers and potential customers to bring projects to completion.

Testing

- Designs and directs engineering and technical personnel in fabrication of test fixtures and equipment. Determines methods, procedures, and conditions for testing products.
- Directs and coordinates electronic engineering activities concerned with development, procurement, installation and calibration of instruments, equipment and control devices required to test, record and interpret test data.
- Determines conditions under which tests are to be conducted and sequences and phases of test operations.
- Confers with production, engineering, and technical personnel to resolve testing problems such as product or system malfunctions, incomplete test data and data interpretation issues.
- Analyzes and interprets test data and prepares technical reports for use by engineering and management.

Candidate Profile/Requirements

Education: B.S. in Electrical Engineering
Work experience: Minimum twelve years of post-collegiate work experience
Location: Houston
Other requirements:
Both Analog and Digital experience
Experience creating wiring and schematic drawings and engineering instructions for assembling electronic units
Project planning experience
Project management experience
Issue resolution experience
Experience working with DC power

Compensation

\$70,000 to \$100,000 depending on the individual's background and experience.

Resume submission

BFL Associates has been retained to fill this position. Please email your resume, with salary history, to Mark Day at markday@BFLassociates.com.
