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MER - Component Engineer

City, State: **Huntsville, AL**
 Requisition Number: **9909**
 Date Posted: **6/22/2009**

Country: **United States**
 Employment Type: **Full Time**

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Description

As a winner of the 2008 and 2009 Best Places to Work Award, Jacobs ESTS Group offers a partnership in which you can grow personally and professionally with the advantages of strong leadership, competitive compensation, and rewarding career paths. Come join the team whose work is destined to have a long-range effect on future generations!

Provide Solid Rocket Motor Metals and Seals Systems Engineering support for the Solid Rocket Motor Launch Systems based at Marshall Space Flight Center (MSFC). Provide support for requirements definition and flow down. Provide engineering support required for development and integration of elements and components to meet safety, technical, and program (cost & schedule) objectives of overall systems. Coordinate among the appropriate MSFC engineering disciplines to conduct independent assessments necessary to effectively evaluate motor metals and seals systems. Support the evaluation of metals and seals systems program risks and provide recommendations for risk mitigation. Provide assessments of metals and seals designs, including impacts of changes to systems performance, identification of the technical risks associated with the design, and identification of any safety concerns regarding the design. Provide support for metals and seals trade studies and issue resolution. Support the development of system, element, and component level test plans, and their execution. Develop interface requirements and provide planning to support motor manufacturing and subsequent integration. Other duties as assigned.

We are an Equal Opportunity Employer M/F/D/V

Education, Training & Experience

BS degree in Mechanical, Chemical or Aerospace Engineering or related field from an ABET accredited institution with a minimum of 3 to 5 years applicable experience is required. Must be familiar with the use and integration of Microsoft Office application suite.

Physical Requirements

Requires sitting for extended periods of time in meetings with peers, management, and with our client at NASA facilities to discuss technical issues (10%). Also, requires sitting for extended periods of time at a desk to write reports and perform engineering tasks (80%). Requires ability to walk between floors and multiple buildings at NASA and Jacobs facilities (10%). Stairs or elevators can gain access.

Work Environment

Office environment. Requires ability to provide clear, concise, accurate and timely communication, both verbally and in writing (100%). Requires ability to interact professionally with co-workers, management, and client (100%). Requires travel in the domestic USA (<15%).

Equipment and Machines

Requires ability to operate a personal computer, a telephone, fax machine, copier, calculator, and other general office equipment (100%).

Attendance

Normal workday is from 7:30 a.m. to 4:30 p.m., Monday thru Friday. Minimal overtime may be required (10%) to meet schedule milestones and to support technical demands of the job. Regular attendance is a necessity and adequate arrangements for delegating duties during absences are required.


Other Essential Functions

Ability to work independently with minimal supervision, and to make rational decisions, and to exercise good judgment (100%). Grooming and dress must be appropriate for the position and must not impose a safety risk/hazard to the employee or others.

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