POSITION: Engineering Designer
COMPENSATION: Non-Exempt
LOCATION: Houghton, MI
REPORTS TO: Program Manager
Date: 1-29-2013

Job Purpose:
The Engineering Designer’s purpose is to make a strong impact on design & analysis services, vehicle testing, and prototype development. Working independently with oversight from a senior engineer the Engineering designer will be an integral team member and support GS Engineering’s customers.

Job Responsibilities:
The Engineering Designer is responsible for the following tasks and potentially other tasks as required:

- Participates in the support of the GS Engineering Quality Management Systems and ITAR Compliance.
- 3D CAD parametric modeling within Pro-E/Creo, CATIA, UGNX or SolidWorks environment. Detailing designs either created by a Designer and/or supporting detailing of other team mates designs
- Provides input and recommendations to senior engineers or program managers for the development of solutions to technical problems and independently solves technical problems of moderate complexity ensuring compliance with requirements
- Analyze and interpret design specifications, drawings, documentation, and/or test results to ensure technical designs comply with applicable engineering standards, military specifications, and product requirements
- Provides input to program managers for the development of project plans, schedules, and budgets
- The individual will provide “Hands on” configuration and documentation on all assigned prototype activity
- U.S. Citizenship required
- Upon hiring, candidate must be able to attain a security clearance from the Department of Defense
- Travel overnight periodically.

Principal Accountabilities

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<th>Technical</th>
<th>Solve practical problems and deal with a variety of variables and requirements in situations where only limited standardization exists. Meet program assignment expectations and customer requirements.</th>
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<td>Cost</td>
<td>Be aware of program budgets and work to assigned program budget. Obtain approval for indirect dollars spent.</td>
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<td>Quality</td>
<td>Deliver customer solutions, drawings, documents that meet customer expectations for quality and timing.</td>
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Education:
- Desired: 2 year Associates and/or equivalent industry experience
- Preferred: 2 year Associates with additional years of technical related studies a plus.

Experience:
- Desired: Knowledge of CAD software packages and some mechanical experience.
- Preferred: 1+ years experience with CAD packages and GD&T a plus.