



Example of Principal Mechanical Engr Job Description

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Our company is looking for a principal mechanical engr. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don't fill all of the qualifications, you may still be considered depending on your level of experience.

Responsibilities for principal mechanical engr

- Providing SOW Team leadership – setting a strategic vision, establishing team goals, measuring and reporting team performance, leading continuous improvement initiatives, and managing indirect budgets
- Managing SOW Team personnel – recruiting talent, training employees, staffing and balancing workload, and coaching / assisting team members
- Being the custodian of SOW processes, tools, and enablers (including SOW Templates)
- Driving improvements in the subcontract SOW domain to align to business goals and strategic initiatives with a projected return on investment (ROI)
- Leading and maintaining the SOW Qualification Program, which enables candidates to achieve a recognized status of 'Qualified SOW Specialist' to ensure that competent SOW development resources are available to IDS, even beyond the SOW Team members
- Own, manage, maintain Technical Baseline control for all contracts
- Manage Engineering execution to cost, schedule, technical requirements
- Liaison with engineering organizations for acquiring the applicable skilled resources
- Provide technical guidance to Program Managers
- Provide technical advisory disposition for EXIM (Export/Import) compliance

Qualifications for principal mechanical engr

analysis resulting in contributions to the development of new theories and/or methods

- Coupled Thermal/Structural analysis
- Materials testing and interpretation of tests such as Low temperature strength testing or material thermal properties characterization
- Knowledgeable in fracture mechanics and statistical analytic methods for brittle materials
- Highlight working knowledge of cryogenic materials properties via published papers or programs actively engaged as a contributing analyst
- Will be required to present all analysis and critical findings in concise presentations to team members and management