

Project Engineer: Principal Project Engineer

Responsible for the day-to-day tactical duties for assigned programs. Oversees and coordinates the cost/schedule/technical aspects of ongoing engineering projects within the program guidelines set by the Program Manager and customer. Serves as single point-of-contact between engineering project management and planning, engineering project team, and line management. Reviews status of engineering projects and budgets; manages schedules and prepares status reports. Assesses engineering project issues and develops resolutions to meet productivity, quality, and customer-satisfaction goals and objectives. Develops mechanisms for monitoring engineering project progress and for intervention and problem solving with engineering project managers, line managers, and customers. Provides the coordination between resource managers/supervisors and ensures all necessary reviews and approvals are received. May conduct performance/project analyses during phase-down to benefit future/other engineering projects, missions, and programs.

Guidance Given/Assignments Received

Assignments are received in task and objective-oriented terms. Provides direction to subordinates and/or team members based on general policies and management guidance. Work is reviewed upon completion for adequacy in meeting objectives.

Supervisory Relationships

Reports to Manager and/or Director of Project Engineering. May accomplish results through lower level subordinate supervisors or through experienced exempt employees, team members who exercise significant latitude and independence in their assignments. Often heads a centralized functional activity.

Program Complexity

Advanced developing engineering program of large subsystems or small total systems, or production or logistics program for major total system. Requires developing and managing unprecedented program plans or delivery methods across derivative and distinctive products.

Impact

Exerts influence in the development of overall engineering project goals. Ensures that engineering projects are completed on schedule and within budget. Erroneous decisions or recommendations or failure to assignments would normally result in serious delays to assigned engineering projects resulting in considerable expenditure of additional time, human resources, and funds.

Liaison

Manages intermediate to large engineering project teams. Frequent contacts with internal personnel and outside customer representatives at various management levels concerning operations or scheduling or specific phases of engineering projects or contracts. Conducts briefings and participates in technical meetings for internal management and external representatives concerning specific operations.

Scope

Responsible for the day-to-day tactical duties for moderately complex programs. Create, maintain and refine detailed engineering project plans, including work breakdown structures, track engineering project schedules and technical performance. Assist with resource allocation, shape priorities, coordinate interaction with the customer and users to keep the engineering project team focused on the right goals. Analyzes workflow and assigns or schedules work to meet priorities and goals. May test, revise and/or correct errors in programs and/or systems. Meets with program managers, support staff, vendors, and customers to solicit cooperation and resolve problems. Develop and implement recovery plans for off-schedule and unanticipated events. Generate various reports/deliverables.

Minimum Education and Experience

8+ years of technical experience to include 5 years project management experience in a government contracting environment w/ BS with an emphasis in business, engineering, science or related field. Significant demonstrable experience leading teams to the resolution of ambiguities and development of accomplishable plans to solve the problem. Significant experience implementing or improving measurement capability and managing multiple development groups. Demonstrated experience redesigning processes to achieve greater productivity, decision-making or enhanced customer service.