

# Project Engineer: Sr. Principal Project Engineer

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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 objective-oriented terms. Provides guidance to subordinates and/or team members based on organizational goals and company policy. Work is reviewed in terms of meeting the organization's objectives and schedules.

## **Supervisory Relationships**

Reports to Manager and/or Director of Project Engineering or Senior Engineering Management. May accomplish results through subordinate supervisors, team members or exempt specialist employees. Subject to approval, modifies the organizational structure of centralized functions and units. Often responsible for managing a staff function of the company.

## **Program Complexity**

Emerging developing engineering program of a major complex total system resulting in new products, programs and business opportunities. Requires developing and managing program plans of newly developed advanced concepts, theories and products.

## **Impact**

Exerts influence in the development of overall objectives and long-range goals of the organization. Erroneous decisions or recommendations would normally result in critical delays and modifications to engineering projects or operations; cause substantial expenditure of additional time, human resources, and funds and jeopardize future business activity.

## **Liaison**

Manages large engineering project teams. Frequent contacts with equivalent level managers and customer representatives concerning engineering projects, operational decisions, scheduling requirements, or contractual clarifications. Conducts briefings and technical meetings for internal management and external representatives.

## **Scope**

Responsible for the day-to-day tactical duties for a highly complex program or group of programs. Accountable to oversee results of multi-functional engineering project teams. Monitor engineering project to ensure work, scope, schedule, and budget are well defined and maintained. Drive engineering project performance from initiation through delivery, interfacing with customer on technical matters and to solicit cooperation and resolve problems. Identify and prioritize engineering project needs and recruit appropriate resources, assigning individual responsibilities. Develop schedules to ensure timely completion and final delivery of a solution to meet the previously identified engineering project needs. 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. May

test, revise and/or correct errors in programs and/or systems. Develop and implement recovery plans for off-schedule and unanticipated events.

**Minimum Education and Experience**

12+ years of technical experience to include 8 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.