

KSAPC Statements

Knowledge of:

K1.	Comprehensive knowledge of labor costs to determine accuracy and completeness of cost estimates from contractors.
K2.	Comprehensive knowledge of various building materials and their units of measure used in building construction to ensure the type and quantity of materials will meet project specification requirements, building codes, accepted industry standards, construction guidelines and project requirements.
K3.	Comprehensive knowledge of current prices for building materials to determine the accuracy and completeness of cost estimates from contractors.
K4.	Comprehensive knowledge of current wage scale for various building and construction trades to identify specific types of contractors required for project and to determine costs for prevailing wage and per diem that will impact the project budget.
K5.	Comprehensive knowledge of principles and techniques of effective supervision to provide project management oversight of construction crew and ensure project scope and timelines are met.

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Ability to:

A1.	Read and interpret plans and specifications, and make complete and accurate estimates of the material and labor costs and various other items entering into the cost of building construction.
A2.	Detect errors and discrepancies in plans and specifications to determine impact to project scope, schedule, and budget.
A3.	Make valuation appraisals of existing buildings when estimating project scope to determine if a project is feasible or cost prohibited.
A4.	Write clear and comprehensive reports and correspondence to document project requirements, cost estimates, issues, and budget tracking, etc.
A5.	Train, supervise, and direct the work of contractors in accordance with project and departmental requirements.
A6.	Analyze project issues by accurately assessing the situation and information to determine the best course of action for a reasonable and acceptable resolution.
A7.	Prepare emails and communicate project related items to individuals (e.g., project team, stakeholders, contractors, co-workers, supervisors, etc.)
A8.	Provide project management oversight of contractors to identify and validate scope of work during the design, engineering and construction phases of projects.
A9.	Demonstrate effective oral and written communication skills, at a level required for successful job performance, when interacting with a project team, stakeholders, contractors, etc.