

Specification for Class of

COST ENGINEER

Abolished Initially Effective January 13, 2006

Abolished Final Effective February 10, 2006

Definition: Provides cost engineering services for the development of total cost estimates and cost analysis required for budget forecasts, facilities planning, conceptual studies, and bid comparison of projects for design and construction of real property.

Typical Work

Prepares cost estimates relative to all facets of real property construction including site development, building structures and building systems, (mechanical, electrical and air conditioning);

Provides cost engineering services to professional architectural and engineering personnel within the Division of Engineering and Architecture responsible for planning, design and construction of real property;

Prepares cost estimates for facilities planning based on planning or conceptual studies;

Prepares contract bid comparison estimates;

Prepares analysis of construction cost indices pertinent to division requirements;

Provides cash flow analysis based on design and construction schedules;

Prepares cost estimates for capital budget acquisition;

Participates in contract bid evaluation as requested;

Performs other work as required.

Knowledge and Abilities

Knowledge of: principles and practices of basic engineering concepts related to design of real property structures and systems; construction standards and practices; construction

scheduling; cash flow protection; national and state building codes; contract bid practices; construction cost indices; cost estimating principles and techniques.

Ability to: provide for the timely and accurate preparation of cost engineering services in an independent manner; coordinate with necessary department and division personnel; maintain a system of estimating cost data to provide current and historical reference material.

Minimum Qualifications

A Bachelor's degree involving major study in architecture, engineering or closely allied field and four years experience in real property construction as a cost estimator involving the preparation of cost estimates for major real property development.

Additional experience in the field of cost estimating may be substituted, year for year, for education.

New class

Effective December 22, 1980

Revised January 11, 1980

Revises minimum qualifications