

Specification for Class of

SHIP CONSTRUCTION ESTIMATOR

Abolished Initially Effective January 13, 2006

Abolished Final Effective February 10, 2006

Definition: Serves as the Chief Estimator for Vessel Engineering, developing engineer's estimates for vessels being constructed, renovated and repaired. Administers advance planning for upcoming vessel construction, and renovation including budget development, expenditure monitoring, and specification development.

Typical Work

Prepares Engineer's Estimates for new construction, renovation, and repair work to be accomplished in private shipyards; Develops Project Budgets and estimates for new Construction and renovation projects, soliciting input as required from the Senior Naval Architect, Vessel Project Engineers, Port Engineers and Vessel Staff Chief Engineers;

Coordinates budget development with the Vessel Project Engineer's, and the Budget Director;

Coordinates contracting effort with Contracts Department and the Vessel Engineer;

Prepares Engineer's estimates for original work packages and change orders;

Assists Vessel Project Engineers in negotiations with contractors when change is required during the course of a project; analyzes changes requirements and makes recommendations to the Vessel Project Engineers with respect to change requirements, cost, and schedule;

Stays current with changing regulatory requirements;

Establishes Estimating Standards and maintains an estimating database;

Directs preparation of necessary records, reports and correspondence;

SHIPYARD REPAIR ENGINEER

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Reviews progress payments on all active projects and makes recommendations to the Vessel Project Engineer with respect to progress estimates and final payments to contractors;

Performs other work as required.

Minimum Qualifications

A Bachelor's degree in Naval Architecture, Marine Engineering, or allied field and two years of experience developing project estimates of construction, repair, overhaul or renovation of steam or motor vessels.

OR

Four years of experience as an employee of a shipyard or as an owner's representative, with responsibility for developing project estimates for repair, overhaul, renovation, or construction of steam or motor vessels in a commercial or government shipyard.

OR

Four years of state service as a Vessel Construction Inspector, Marine, or two years as an Inspector Specialist, Marine

New class: 8-15-86

Revised definition, minimum qualifications and general revision:
2-12-88

Revised definition, general revision and title change (formerly Shipyard Constructions Manager, Marine): 4-10-92

Revise definition, minimum qualifications, title change (formerly Shipyard Repair Engineer) and general revision: 1-10-97