

ENGINEERING DIVISION POSITIONS FOR THE 2020 VIRTUAL JOB FAIR

GS-0810-12 Civil Engineer (Cost), Savannah District Office, Savannah GA (based on PD# GW01117)

Serves as a Senior Cost Engineer and Work Group Leader performing the more complex estimates for civil works, military, and Work for Others. Prepares estimates for in-house designs and reviews estimates prepared by A-E firms and others. Typical civil works projects include storm and erosion protection systems for rivers, harbors, shores, and beaches; dredging projects; dams and appurtenant structures; tunnels; bridges; soils structures such as slopes, embankments and levees; channels; etc. Typical Military projects including buildings, runways, aprons, and ranges.

1. Personally prepares the most complex estimates or portions of estimates to prepare and reviews A-E prepared estimates of the most complex nature. Such estimates are characterized by the following conditions: Estimates at the concept stages of design, lacking definitive design criteria; projects with complicated construction requirements; complicated retrofit jobs lacking "as-builts" for reference; facility updating when facility is not easily accessible; state-of-the-art designs, which lead to cost estimates without precedent; projects with special features, etc.
2. Develops budget level and feasibility estimates based on intensive study of construction approaches possible and selection of best. Prepares Total Project Cost Summary, Cost and Schedule Risk Analyses, Cost Appendix, and annual budget cycle updates in accordance with the applicable regulations. Prepares cost estimates using the Micro-Computer Aided Cost Estimating System (MCACES), Cost Engineering Dredge Estimating Program (CEDEP) and/or various spreadsheet programs. Certifies that estimate is current and accurate, and that it meets regulatory requirements. Participates in negotiations with contractor on contract modifications and assists Construction Division with cost products.
3. Determines the level of detail necessary to produce a viable MCACES estimate from instructions, priorities, level of design, and criteria provided by the Section Chief, and from a review of the data available, site visits and coordinates with study managers. Makes estimates of time and cost to perform work that is appropriate. Makes specific work assignments to lower graded engineers, technicians and clerks in the unit. Prepares construction cost estimates for input to Interim Project Management Plan (IPMP) and Project Management Plan (PMP).