Construction Cost Estimating
Nashville, TN - Friday, March 27, 2020

Describe design, bid and control estimates
Review construction estimating resources and processes
Estimate labor, equipment, overhead, and profit
Analyze risk and review subcontractor and vendor quotes
Explore construction estimating software

Learning Objectives

You’ll be able to:
Distinguish design, bid and control estimates and describe the features of each.
Identify construction cost estimating resources and processes.
Explain the role of the estimator as an identifier and mitigator of risk.
Learn processes to estimate costs for labor, equipment, overhead and profit.
Work as a member of a cost estimating group to estimate different components of a construction project.

Agenda
Presented by Daniel G. Frondorf, CPE, CDT

Producing Different Types of Cost Estimates
Purposes of and methodologies for cost estimates
- Design estimate
- Bid estimate
- Control estimate

Construction Estimating Resources and Processes
Estimating team
Estimating process
Data resources
CSI Masterformat

Estimating Labor, Equipment, Overhead and Profit
Estimating labor costs
Estimating for construction equipment costs
Estimating overhead costs
Estimating profit

Analyzing Risk, Managing Subcontractors and Human Interaction as part of the Estimating Process
Estimators as risk identifiers and mitigators
Soliciting, receiving and reviewing subcontractor and vendor quotes
How human nature impacts our work as estimators

Group Estimating Exercises
Work together in teams to estimate the costs of different components of a single construction project; teams will perform quantity takeoffs and develop cost estimates for excavation, concrete footers and masonry walls

Using Construction Estimating Software
Review of industry-standard software for quantity takeoffs of one, two and three dimensional units, PDF creation and manipulation and spreadsheet-based cost estimating templates

Can’t Attend? Order the Manual and Audio from the Live Seminar as a Self-Study Package!
Audio recordings of this seminar are available for purchase starting at $279. See registration panel for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.
Seminar Information

Scarratt-Bennett Center
1027 18th Avenue South
Nashville, TN 37212
(615) 340-7500

Tuition
$299 for individual registration
$279 for three or more simultaneous registrations.

Included with your registration:
Complimentary continental breakfast and printed seminar manual.

Receive a reduced tuition rate of $101 by registering to be our on-site coordinator for the day. For availability and job description, please visit www.halfmoonseminars.org.

How to Register
Visit us online at www.halfmoonseminars.org
Mail-in or fax the attached form to 715-835-6066
Call customer service at 715-835-5900

Registration Information
Name:
Company/Firm:
Address:
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State:
Zip:
Occupation:
Email:
Phone:

Additional Registrants:
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Phone:

Registration
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How to Register
Online:
www.halfmoonseminars.org

Phone:
715-835-5900

Fax:
715-835-6066

Mail:
HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278

Complete the entire form. Attach duplicates if necessary.

Tuition
| I will be attending the live seminar. Single Registrant - $299.00. Three or more registrants from the same company registering at the same time - $279.00 each. |
| I am not attending. Please send me the self-study package: |
| Downloadable MP3/Audio/PDF Manual for $299.00 |
| CD/Manual Package for $299.00 |
| USB/Manual Package $299.00. (S&H included. Please allow five weeks from seminar date for delivery) |

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Additional Learning

Webinar Series
Designing for Climate Resilience
- Current and Anticipated Climate Effects on Structures and Communities
- Assessing the Impact of Sea Level Rise, Changing Temperature and Changing Weather Patterns
- Studying the Impact of Extreme Weather
- Adapting Sites, Outdoor Spaces, New Construction and Existing Buildings to Withstand Extreme Weather Events

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Foundation Damage and Repair
- Design & Geo-Environmental Building, Building Codes, Soil Properties
- Foundation-Slab Wall Design and Construction
- Evaluation of Foundation Slab Damage and Repair Alternatives

Solar Photovoltaic
Project Design and Development
- Solar Photovoltaic Project Design and Development, Part I
- Solar Photovoltaic Project Design and Development, Part II

Continuing Education Credit Information
This seminar is open to the public and offers a maximum 6.5 PDHs to Tennessee architects, engineers, and interior designers. HalfMoon Educators and courses are not subject to preapproval by the TAC. This seminar is open to the public and offers a maximum 6.5 PDHs to Tennessee architects, engineers, and interior designers. HalfMoon Education recommends architects, engineers, and interior designers to not claim the HSW PDHs for continuing education purposes.

The American Institute of Architects Continuing Education System has approved this course for 6.5 AIA/Elective (Sponsor No. 11883). Only full attendance is reportable to the TAC/ACES. Visit www.halfmoonseminars.com for complete AIA/CES information under this course listing. Architects and engineers seeking continuing education credit in other states will be able to apply the hours earned at this seminar, in cases that allow for non-HSW coursework. Refer to specific state rules to determine eligibility. This seminar offers a non-credit continuing education opportunity to construction contractors. HalfMoon Education is not seeking contractor continuing education approval in any state.

Attendance will be monitored, and attendance certificates will be available after the seminar for most individuals who complete the entire event. Attendance certificates not available at the seminar will be mailed to participants within fifteen business days.

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Faculty
Daniel G. Frondorf, CPE, CDT
DG Frondorf and Associates LLC, Cincinnati
Mr. Frondorf owns and operates Cincinnati-based DG Frondorf and Associates LLC, a construction cost estimating consulting firm. He is a member of Consulting Estimator’s Round Table (CERT), AACE, and the American Society of Professional Estimators (ASPE). He has 25 years of service as a construction estimator, and has presented several seminars on estimating practices and ethical bidding topics to trade associations and at industry events. Mr. Frondorf is also a past instructor of construction estimating at the University of Cincinnati and has guest lectured there and at Cincinnati State Technical and Community College. He has also written several articles on estimating related topics in Estimating Today and Design Cost Data magazines.

Here’s what past attendees had to say about the program and presenter Dan Frondorf:

“Excellent presenter! Very knowledgeable with time for discussions, Q&A & relevant real-world examples.” — Civil Engineer

“Great wealth of knowledge and proven experience.” — General Contractor Project Manager

“Presented the topic well.” — Architect

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