Construction Cost Estimating
Cherry Hill, NJ - Thursday, November 14, 2019

Learning Objectives
You’ll be able to:

- **Distinguish** between different kinds of construction cost estimates (design, bid, and control).
- **Identify** construction cost estimating resources.
- **Discuss** the role of the estimator as an identifier and mitigator of risk.
- **Apply** processes and strategies to estimate costs for labor, equipment, overhead and profit.
- **Assess** industry-standard software to assist in estimating costs.
- **Work** as a member of a cost estimating group to estimate different components of a construction project.

**Construction Cost Estimating**

**Participate** in a group estimating exercise for excavation, concrete footers and masonry walls
**Learn** construction estimating resources and processes
**Estimate** labor, equipment, overhead and profit
**Review** construction estimating software

**Presented by Daniel Frondorf, CPE, CDT**

**Producing Different Types of 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**

- 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 $269. 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.
Mr. Frondorf owns and operates Cincinnati-based DG Frondorf and Associates LLC, a construction cost estimating consulting firm. He is a member of Consulting Estimators Round Table (CERT), ACE, and the American Society of Professional Estimators (ASPE). He has 22 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.

Webinar Series

National Electrical Code
- National Electrical Code, Part I
  Tues., Oct. 22, 2019, 11:00 AM - 1:30 PM EDT
- National Electrical Code, Part II
  Wed., Oct. 23, 2019, 11:00 AM - 1:30 PM EDT
- National Electrical Code, Part III
  Thurs., Oct. 24, 2019, 11:00 AM - 1:30 PM EDT

Slope Stability and Landslide Prevention
- Slope Movement and Mechanisms
  Thurs., Oct. 24, 2019, 1:00 - 4:30 PM EDT
- Slope Stabilization Methods
  Thurs., Oct. 24, 2019, 1:30 - 3:00 PM EDT
- Landslide Hazard and Risk Assessment
  Fri., Oct. 25, 2019, 11:00 AM - 12:00 PM EDT
- Slope Stabilization and Landslide Mitigation
  Fri., Oct. 25, 2019, 12:30 - 2:30 PM EDT

Continuing Education Credit Information
This seminar is open to the public and offers up to 6.5 CPE credits/PHP to professional engineers and 6.5 HSW continuing education hours to architects in all states. HalfMoon Education is an approved continuing education provider for New Jersey engineers (Approval No. 24GP0000700).

This event has been approved by the American Institute of Architects Continuing Education System for 6.5 LU|HSW (Sponsor No. J885). Courses approved by the AIAs/CES qualify for New Jersey architects. Only full attendance can be reported to the AIA/CES. Visit www.halfmoonseminars.org for complete AIA/CES information under this course listing.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana, and New Jersey. Only full attendance can be reported to the AIAs/CES. HalfMoon Education is deemed an approved continuing education sponsor for New Jersey engineers and architects.

This seminar offers a non-credit continuing education opportunity to contractors; it has not been deemed an approved continuing education sponsor for New York engineers and architects. Only full attendance can be reported to the AIA/CES. Visit www.halfmoonseminars.org for complete AIA/CES information under this course listing.

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Tuition
- $289 for individual registration
- $269 for three or more simultaneous registrations.

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

Cancellations
- Cancel at least 48 hours before the start of the seminar, and receive a full tuition refund, minus a $39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another seminar or the self-study package. You may also send another person to take your place.

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