Agenda

Presented by James C. Puckett, PE, CCE

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

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

Estimating Labor, Equipment, Overhead and Profit
- Estimating labor costs: unit manhours or unit labor dollars
- Estimating construction equipment durations and costs
- Estimating jobsite overhead costs: general conditions
- Estimating profit

Estimating Construction Materials and Services
- Earthwork and excavation
- Concrete structures
- Basics of wood structures
- Steel structures

Estimating Mechanical, Electrical and Piping
- Process piping
- Instrumentation and controls
- High voltage outdoor electrical
  - Transmission up to 435kV
  - Distribution: overhead and underground
  - Substations and switchyards
- Mechanical systems: comfort HVAC, process HVAC, process equipment

Using Construction Estimating Software
- Review of industry-standard software

Learning Objectives

You'll be able to:

Explain the purposes of and methodologies for cost estimates.

Understand the estimating process, data resources and CSI Masterformat.

Discuss labor costs, jobsite overhead and construction equipment durations and costs.

Produce design, bid, and control estimates.

Estimate the cost of earthwork, excavation, concrete and the basics of wood/steel structures.

Evaluate various types of estimating software.

Construction Cost Estimating

Norfolk, VA - Tuesday, January 29, 2019

Learn how to estimate construction materials and services
Explore mechanical, electrical and piping estimating
Discuss industry standard estimating software

Continuing Education Credits

Professional Engineers
6.5 Continuing Ed. Hours

Architects
6.5 Continuing Ed. Hours (HSW)
6.5 AIA HSW Learning Units

Consortium Continuing Ed.
6.5 Credits
Faculty

James C. Puckett, PE, CCE

In September 1991, Mr. Puckett became the second certified Timberline estimating consultant, two weeks after Nick Papadopoulos, founder of Eos Group, was certified. In 2009, Mr. Puckett led the Aspen K-base forward integration evaluation at Fluor-Daniel. Estimating software evaluated included MC2, Sage (Timberline), and WinEst. In addition to estimating and project management, he has an extensive background in computerized estimating and in establishing computerized job cost accounting and control systems. Mr. Puckett has worked in the construction industry for 44 years. Throughout his career, he has held positions as estimator, project manager and project controls manager. And he has successfully participated in key engineering and project management roles on projects up to $2.74 billion in contract value on water and wastewater, deep foundations, pulp and paper, automotive foundry, cement, oil and gas, alternative “green” energy, and a major lift bridge. In addition to estimating and project management, Mr. Puckett is licensed as a professional engineer (PE), and his record is verified and maintained by the National Council of Examiners for Engineering and Surveying. He is also certified as a cost estimator by the American Association of Cost Engineers and has an extensive background in computerized estimating and in establishing computerized job cost accounting and control systems.

Seminar Information

Doubletree by Hilton
1500 North Military Highway
Norfolk, VA 23502
(757) 466-8000

Registration Information

Receive a reduced tuition rate of $259 for individual registration.
$279 for three or more simultaneous registrations.

For more information visit: www.halfmoonevents.org/seminars/

Additional Learning

Webinar Series

Deep Foundations
- Deep Foundation Site Evaluation
  Weds., Dec. 12, 2018, 11:00 AM - 12:00 PM CST
- Overview of Deep Foundations
  Weds., Dec. 12, 2018, 12:15 - 2:00 PM CST
- Deep Foundation Pile Design
  Thurs., Dec. 13, 2018, 11:00 AM - 12:30 PM CST
- Deep Foundation Installation and Testing
  Thurs., Dec. 13, 2018, 1:00 - 2:00 PM CST

Stormwater Management Systems
- Stormwater Infrastructure Practices
  Weds., Dec. 19, 2018, 11:00 AM - 1:00 PM CST
- Infiltration Management Techniques
  Thurs., Dec. 20, 2018, 11:00 AM - 1:00 PM CST

NFPA 70E Series
- NFPA 70E, Part I
  Weds., Dec. 26, 2018, 11:00 AM - 3:30 PM CST
- NFPA 70E, Part II
  Thurs., Dec. 27, 2018, 11:00 AM - 3:30 PM CST

For more information visit: www.halfmoonevents.org/webinars/

Continuing Education Credit Information

This seminar is open to the public and offers 6.5 continuing education hours to professional engineers and architects (HSW) in all states, except Florida architects. Educators and courses are not subject to preapproval in Virginia.

This event has been approved by the American Institute of Architects for 6.5 HSW Learning Units (Sponsor No. 1885). Only full attendance is reported to the AIA/EES.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (License No. 26G0000520), New York (NYSED Sponsor No. 35), North Carolina, and North Dakota. HalfMoon Education is deemed an approved continuing education sponsor for New York architects. This seminar offers a non-credit continuing education opportunity to construction contractors; it has not been approved by any state contractor licensing entity for continuing education purposes.

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

Can’t Attend? Order the Manual and Audio from the Live Seminar as a Self-Study Package!

An audio recording of this seminar is available for $299. Allow four weeks from the seminar date for delivery. Please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

Registration

Construction Cost Estimating
Norfolk, VA - Tuesday, January 29, 2019

How to Register

Online: www.halfmoonevents.org

Phone: 715-835-5900

Fax: 715-835-6066

Email: halfmoonevents.org

Tuition

I will be attending the live seminar. Single Registrant - $279.00. Three or more registrants from the same company registering at the same time - $259.00 each.
I am not attending. Please send me the self-study package for $289.00.

Additional Registrants:

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

Completed the entire form. Attach duplicates if necessary.

Cancellations:

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Registration Information

Name: Company/Title: Address: City: State: Zip:
Occupation: Email: Phone:

Checks: Make payable to HalfMoon Education Inc.

Credit Card:
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Expiration Date: CVV2 Code:

Cardholder Name: Billing Address:
City: State: Zip:
Signature: Email:

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