



# Cost Estimating for Non-Estimators

## WHO SHOULD ATTEND?

Engineers, Maintenance Planners, Supervisors, Capital Budget Staff and others interested in learning the basics of cost estimating, some lessons learned, current construction market issues, and technology trends.

## TOPICS AND SPEAKERS\*

- Cost Estimating Basics - Levels of estimates, direct and indirect costs, estimating procedures and SFPUC case histories: Martin Lee, M Lee Corporation
- Construction Focus - estimating labor wage rates, construction equipment rental costs, estimating methods, quantity takeoff and input procedures, a case history, and judging the market: Des Orsinelli, Brown & Caldwell
- Design-Build estimating approaches, capabilities, trends, and local case history: Joe Broughton, CH2M
- District historical cost data, other references, and construction market and area trends: Jonathan Tham, EBMUD

\*Seminar topics and speakers are subject to change without prior notice.

## COST:

\$60 for Members                      \$10 for Student Members  
\$100 for Non-Members              \$20 for Student Non-Members

Earn up to 4.0 CWEA contact hours

For more info, please contact:

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## WHEN:

**Wednesday, July 26, 2017**

Registration: 9:00 am – 9:30 am

Seminar: 9:30 am – 3:00 pm

*Light pastries, coffee/tea, and lunch included.*

## WHERE:

**East Bay Municipal Utility District, Training Rm**

[375 11<sup>th</sup> Street, Oakland, CA 94607](#)

General Phone: 1-866-403-2683

Take [BART](#) to the 12th Street Oakland City Center station



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## Seminar Registration Form for Cost Estimating for Non-Estimators

*Early registration is encouraged due to space limitations.* Registration is required by 4 PM on July 21, 2017.

A reservation is a commitment to pay. [Sign Up Online](#) or fill in the form below (please complete one form for each attendee).

Attendee Name: \_\_\_\_\_

Contact Name (if different): \_\_\_\_\_

Agency/Firm: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Daytime Phone: \_\_\_\_\_

Contact Email Address: \_\_\_\_\_

Amount due: \$ \_\_\_\_\_

Any Special Accommodations Required? (please describe): \_\_\_\_\_

Enclose form with check payable to **S.F. Bay Section, CWEA.**  
*Online payment now accepted upon request; service fee applies.*

**Mail to:** Linda Leong, SFPUC/Wastewater Enterprise  
750 Phelps St, Bldg 850, San Francisco CA 94124  
Phone: (415) 920-4919  
Email: [LLeong@sffwater.org](mailto:LLeong@sffwater.org)

Contact hours requested: Yes \_\_\_\_\_ No \_\_\_\_\_