



AWWA/WEF WORKSHOP 2015 Utility Management Conference

TITLE: Managing Design-Build Projects for the Water Infrastructure

DESCRIPTION

This three-hour workshop is a “problem-solving” interactive education session designed specifically for utility administrators and agency managers involved in capital water and wastewater projects. The overall goal of these sessions is to equip industry professionals with the essential knowledge they need to plan for and manage through the transition process, a design-build water and wastewater infrastructure rehabilitation and replacement project. Using actual case studies participants also learn how to apply WDBC's *Guidelines for Best Practices* which facilitates achieving savings in both project cost and schedule. Attendees have an opportunity to provide advance questions and project-related issues to be addressed in the workshop. In addition to the workshop presentation, a copy of the WDBC Municipal Water and Wastewater Design-Build Handbook and Guidelines will be distributed.

Workshop Goals Answer Managers Questions

- How to prepare for, organize internally and define project priorities and drivers – roles & responsibilities
- How to evaluate and select the delivery method best suited for a Design-Build water/wastewater infrastructure project
- Understanding Progressive Design-Build Procurement -- allocating risk and liability
- Defining the essential and valuable steps to take in preparing for the transition and commissioning process of a design-build project

Session #1 – 8:30 – 9:15 a.m.

Organizing and Preparing to Manage Design-Build Projects

David Kinchen, President, Water Design-Build Council (Associate Vice-President, Black & Veatch)
Linda Hanifin Bonner, Ph.D, CAE, WDBC Operations Manager

This session focuses on the important steps managers should pursue to prepare to manage a design-build project, how to determine the organizations priorities and drivers and team roles and responsibilities. Included in this dynamic is the use of an “Owners Advisor” and how to integrate into the organization.

Session #2 – 9:25 – 10:00 a.m.

Managing the Evaluation and Selection of a Design-Build Delivery Method

Following an overview of the characteristics of design-build delivery methods, participants then proceed to develop and use criteria that helps them identify which delivery approach best fits the project priorities/drivers identified in the first session

Session #3 – 10:15 – 11:00 a.m.

Managing Design-Build Procurement (Progressive) – Risk & Liability

John Dollar, Senior Vice President, Carollo Engineers and Elizabeth Kelly, Vice President, CH2MHill

Using WDBC templates, this session takes participants through the steps to produce RFQ's and RFP's for fixed-price or progressive design-build projects, based on identified project priorities. The segment on risk and liability addresses how it is incorporated into the procurement documents.

Session 4: 11:10 – 11:50 a.m.

Successful Steps to Manage a Design-Build Project Transition

Brian Daly, Associate Vice President, AECOM, and Mark Halleman, Vice President, Parsons

This session involves presenters and attendees in an interactive discussion addressing critical factors involved in preparing to manage the Design-Build project through to its transition. Using a recently completed project as a case study, the presenters focus the important actions managers need to incorporate to bring this process to a successful conclusion.