

OPTIMIZING DESIGN-BUILD DELIVERY SYSTEM USING VE FORUM

ABSTRACT

The use of Design-Build delivery system has increased specifically in the public sector in recent years. The federally funded contracts have a mandate to perform VE on their projects. The integration of VE and D-B is unavoidable. The current use of VE in both public and private sector D-B contracts will be discussed with some data and statistics on its success stories, as well as issues concerning the federal and state officials in regards to this integration. Such as, when to do the VE study for the D-B contracts, when to include a VE clause in the contract and at what design stages, the legal concerns, etc.

The panelists will discuss the subject from their perspective related to federal and state agencies. The forum will be open to ideas; will include discussion for increasing the use of VE in Design-Build contracts. Also the growing use of Design-Build-Operate and the Life Cycle Cost implications and other specific types of D-B delivery systems will be discussed.

All attendees will be encouraged to participate and exchange information and ideas on expanding VE into Design-Build arena.

OUTLINE

- How VE can complement the D-B project delivery system
- The integration of VE and D-B and its concerns
- Implementing VE into the D-B RFP documents
- The legal concerns
- VE & Lessons Learned with D-B projects

BIOGRAPHY

Jeffery T. Hooghouse, AIA, CVS (Panelist)

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Mr. Hooghouse is a Senior Architect at the Headquarters for the United States Army Corps of Engineers, where he currently serves as the Chief Value Engineer of the Corps, and oversees the management of the Army's world-wide Value Engineering Programs. He heads the VM/VE Community of Practice and is the Subject Matter Expert for the Army in the areas of Industry Standards, Quality Improvements, Innovations, & Value Management.

Mr. Hooghouse is a Registered Architect (DC); holds a Certificate of Mastery in Design-Build; Designated Design Build Professional; and a Certified Value Specialist. His professional affiliations include; the American Institute of Architects (AIA), where he served on the Public Architects Advisory Group ('05-'10) & AIA/DC Board of Directors ('08-'10); the Design Build Institute of America (DBIA), where he served on the Board of Directors ('06-'10); and SAVE International, where he currently serves on the Board as the VP of Government. He is also a member of the Society of American Military Engineers and Army Engineer Association. Mr. Hooghouse holds undergraduate degrees in Engineering Technology & Leadership/Management, and is finishing an MBA in Project & Risk Management. He is a graduate of the Army Management Staff College, Command & General Staff College (OLE), and the Dept. of the Army's (CP18) Leadership Development Program.

Mr. Hooghouse's professional experience includes private industry practice with a background in Real Estate Development & Construction. His Federal career began in 1990 as a base Architect & Master Planner for the US Coast Guard. He joined the Corps of Engineers in 1992 as a Designer/Program Manager for the Norfolk District in Virginia. From 1997 to present, he has been in Washington, DC as the Program Architect for the largest facilities initiatives in the history of the US Army (MILCON Transformation/\$55B+, Whole Barracks Renewal Program/\$15B). In 2003, he served in support of Operation Enduring Freedom, as US Central Command's Senior Advisor to the Afghan Minister of Defense, where he developed the organizational strategy for a model Defense Department (I&E) & Corps of Engineers. In 2008, Mr. Hooghouse was deployed in support of Operation Iraqi Freedom, where he led 21 Value Based Design Charrettes in multiple locations across Iraq. He has served in numerous key positions within USACE including Special Assistant to the Commanding General and Deputy Chief Architect of the Corps.

Jill Woller FSAVE, CVS-Life (Panelist)

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Jill directs the City of New York Value Engineering Program. She has been at NYC OMB for over twenty-five years, and has developed the Program almost since its inception. The scale and variety of projects under review is unique, and the NYC Program includes both VE reviews of capital projects of every description and VA studies of agency operations and processes. The wide range of projects demands that OMB undertake extensive outreach for appropriate and credible team expertise. Fireboats, Police facilities, Water Pollution Control Plants, Bridges, Hospitals, Courts, Water Supply projects and Parks have all been recent subjects. VA subjects have ranged from human services, to property leasing, to roadway repair.

Jill is a Fellow of SAVE, with degrees in Public Administration and Architecture. She is fortunate to work with a dedicated and skilled technical staff of project managers and contracting personnel.

Robynne Parkinson, Esq., DBIA (Panelist)

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Robynne Thaxton Parkinson is a Seattle based lawyer who provides legal services to a full range of clients performing construction work, including Owners, Contractors, Design Builders, Engineers and Architects. Robynne is one of the leading experts in construction law and alternative procurement both in Washington State and on a national basis. She serves on the National Design Build Institute of America Board of Directors and the American Arbitration Association National Construction Dispute Resolution Committee. In addition, she leads the DBIA National Contracts Task Force and was instrumental in revising the DBIA form Design-Build contracts and subcontracts. She is on the DBIA National Policies and Standards Committee, which is the “knowledge center” for the DBIA, and is one of DBIA’s highest rated speakers.

She served as the President of the Northwest Region for DBIA from 2008 to 2010 and continues on its Board of Directors. She participates on the legislative subcommittees of the Washington Capital Projects Advisory Review Board, which reviews all legislation involving capital projects in Washington State. Robynne was named as a Washington Super Lawyer in 2010 and 2011 and is one of the few lawyers who are Designated Design-Build Professionals. Robynne received her undergraduate degree from the University of Texas at Austin and her law degree from the University of Colorado, Boulder School of Law.

Derek E. Case, PE (Panelist)

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Mr. Case is the Assistant State Construction Engineer for Design Build, working in the office of the WSDOT State Construction Engineer. His current duties include drafting a template set of Design Build contract documents for the Washington State Dept of Transportation and adapting those documents for small value design build pilot projects. He is the co chair of a WSDOT/AGC/ACEC Design Build industry team. He is also working with representatives from the asphalt paving industry to craft a contract model for small DB paving projects.

Derek is a licensed Civil Engineer in the State of Washington and holds a Bachelor degree in Civil Engineering and a Master of Science in Civil Engineering from the University of Washington. His professional experience spans over twenty years with WSDOT and another four years working with two large western bridge construction firms. He has been an active participant in many value engineering studies at WSDOT during his career.

M. Michael Rahgozar, CVS (Moderator)

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Michael Rahgozar is a lead manager for corporate-wide project controls functions and Value Engineering located in Boston office of KEI. He has over 30 years of experience in Construction Management on infrastructure projects, multi-use developments, and commercial construction projects, with significant expertise in value engineering (VE), CPM scheduling, delay/entitlement analysis, claim analysis and litigation support. Mr. Rahgozar also serves as an advisor for preconstruction reviews, risk analysis, claims avoidance reviews, contract negotiations and controls.

Mr. Rahgozar holds a bachelor degree in Civil Engineering and a Masters degree in Construction Management. He has been actively involved with VE since 1996 and has performed many VE studies on Design-Build projects. He has been President of the New England Chapter of SAVE International since 2001. He won the 2007 national VE Award from the AASHTO VE Committee for most value-added proposal in the improved process category.

Handouts:

- D-B Forum Questionnaire
- Value Engineering & Design Build Article