

DBC: Management of Design & Build Contracts Seminar Outline

► **Overview:**

This seminar is designed for design professionals & construction personnel who may be working & communicating as a design build team. Attendants will understand the essentials of design & build projects management to allow the design build team to increase the project's value while decreasing its overall cost.

► **Who should attend:**

Project managers, directors, senior engineers involved in the design & build of project development & delivery.

► **Structure:**

14 hours to be carried out over 3 days including valuable supporting documents.

► **Content:**

- **Design Build History**
 - Origins of the Master Builder
 - The rise of Professionalism
 - Industrial Revolution and Its Effects on Design and Construction
 - Professional Societies
 - Legal Separation
 - The Advent of Modern Design-Builders

- **The Facilities Acquisition Process**
 - Investment Allocation and Facilities Acquisition
 - Business Process Decisions for Industry and Government
 - Acquisition and Procurement
 - Acquisition Feasibility and Physical Development Policies
 - Methods of Acquisition
 - Professionalism and Project Delivery
 - Identifying User Requirements
 - Performance and Systems
 - Facility Programming
 - The Decision to Proceed

- **Where & When to Use Design Build**
 - The Owner's Wants, Needs, and Constraints
 - Conditions Conducive to Design-Build
 - Applicable Market Sectors
 - Predictors of Success

- **Roles of Individuals in Design Build Project**
 - Owner's Team
 - Design-Builder's Team
 - Independents in a Design-Build Process



- **The Owners Responsibilities**
 - Introduction
 - Management Structure and Project Team
 - Owner's Program
 - Procurement and Contracting Methodology
 - Services of the design-Builder
 - Site Investigation and Information
 - Owner's Representative
 - Permits and Approvals
 - Owner Deliverables
 - Review and Approval of the Design
 - Inspection and Approval of the Construction
 - Changes and claims
 - Insurance
 - Dispute Resolution Program
 - Payment and Financial Guarantees
 - Obligation to Cooperate

- **Design Build Organization & Management of Project**
 - Organization the Design-Build Entity
 - Multidisciplinary Culture
 - Teaming Agreements
 - Team Leadership: The Design-Build Project Manager
 - Responding to the Owner's requirements
 - Executing the Design-Build Contract
 - Key design-Build Project Management Issues
 - Project Finance
 - Quality Assurance/Quality Control
 - Measuring Performance/Best Practices Issues

- **Design Build Process Variation**
 - Introduction
 - Structural Variations of Design-Build
 - Operational Variations of Design-Build
 - Delivery Variations That Are Not Design-Build
 - Summary

- **Design Build Contract Structure & Payment Methodology**
 - Introduction
 - Lump-Sum Contracts
 - Cost-Plus Contracts
 - Cost-Plus with a Guaranteed Maximum Price Contract
 - Unit Price Contracts
 - Combining Payment Methodologies
 - General Terms and Conditions of Contract

- **Contracting issues in design build**
 - Introduction
 - Contractual Risk Allocation
 - Industry Standard Form Contracts
 - Correlating Design-Build Selection with the Contract
 - Scope of Work
 - Ownership of Documents
 - Owner's Right to Review the Design
 - Owner's Right to Make Changes to the Work
 - Differing Site Conditions
 - Changes of Law
 - Permit Responsibility
 - Time-Related Issues
 - Warranty-Related Issues
 - Indemnification
 - Suspension and Termination
 - Limitations of Liability
 - Dispute Resolution
 - Conclusion

- **Design build liability**
 - Introduction
 - Historical Review of Construction Liability
 - Design-Build Liability
 - Single Point of responsibility
 - Architect-Engineer Liability for Design-Errors
 - Contract Formation and Interpretation
 - Good-Faith Dealing
 - Cancellation of the Procurement
 - Differing Site Conditions
 - Ownership of documents
 - Personal Injury and Property Damage
 - Limitations of Liability
 - Status of Limitations and Repose
 - Dispute Resolution
 - Conclusion

- **Application of construction management on design build projects**
 - Introduction
 - Construction Management—Generally
 - Program Management—Generally
 - Determining Whether a Construction Manager (CM) Should be Used
 - Typical CM Services
 - Selecting the Right CM
 - Special Considerations