€TRAINING

The 5 Day Purchasing MBA



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Introduction

The program will present the latest in project delivery, planning and monitoring approaches and methodologies, negotiation strategies, and innovative technologies for the management of oil and gas projects with specific examples of what works and what does not.

Course Objectives

At the end of this course, the participants will be able to:

- Discuss advanced issues in project delivery systems.
- Explain the nature of Design in Oil & Gas Projects.
- Coverage of management techniques for mitigating projects with compressed schedules.
- Identify project success factors and characteristics.
- Apply advanced applications of Lead/Lag scheduling in construction.
- Discussion of the unique problems related to schedule updating, cost control, and cash flow.
- Coverage of negotiation skills that can diffuse conflicts and resolve disputes thus saving time and money.
- Explain important warranty and contractual issues.
- Coverage of the challenges of integrating state-of-the-art management methods and technologies for construction projects.
- Demonstration of the latest computer tools for project management.

Targeted Audience:

- Purchasing and procurement professionals
- Supply chain managers
- Logistics and inventory management professionals
- Operations managers
- Supply chain and logistics consultants
- Supply chain analysts
- Buyers and sourcing professionals
- Business development professionals
- Supply chain and logistics executives and managers

Course Outline:

Unit 1: Project Delivery Systems & Project Finance:

- Project Management Terminology.
- Pros and Cons of various Delivery Systems?
- Success Factors, what to look for?
- Build - Operate - Transfer BOT, Functional Specifications, Issues, and Concerns.
- Economic Evaluation.
- Project Finance.

Unit 2: Project Finance, Cash Flow, and Advanced Project Estimating:

- Project Phases and issues pertinent to each phase.
- Financial Evaluation Methods.
- Owner and Contractor cash Flow.
- Project Scope Development.
- The Work Breakdown Structure.
- Technologies for computer Project Estimating.

Unit 3: Advanced Topics in Scheduling and Estimating of Projects:

- Conceptual & Parametric Estimating.
- Lead/Lag Scheduling.
- Resource Allocation for construction projects.
- Time-Cost Tradeoff.
- Linear Scheduling Method.
- Technologies for computer Project Scheduling.

Unit 4: Project Control & Negotiations in Construction Management:

- Project Control Systems.
- Project Updating Methods.
- Earned Value Management.
- Team Development and Effective Teamwork.
- Developing effective negotiation strategies and tactics.
- Understanding your BATNA Best Alternative To a Negotiated Agreement.
- What to do when negotiations break down and how to respond to tricks.

Unit 5: Advanced Issues in Project Management:

- Building Information Modeling.
- Material Management.
- Lean Project Management.