



Logistics & Transportation Techniques

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Introduction:

The private sector has been doing this for years. Government agencies have now begun to realize the value of evaluating the total cost of procuring goods which may include transportation costs, carrying costs or disposal costs. Today's negotiations now involve consideration of these costs. Public procurement professionals are often unaware of the opportunities to improve the terms and reduce the expenses associated with the delivery of contracted products. This course focuses on the benefits of contracting product transport services independent of the product itself, through understanding the nature of logistics contracting, processes the responsibilities and legal aspects, and the competitive market environment of transportation carriers.

Who Should Attend?

Personnel new to managing freight transport fleets, Transport and Distribution Supervisors, Managers

Course Objectives:

By the end of this course delegates will be able to:

- Describe the elements of transportation and logistics and the potential opportunities for cost savings
- Define freight and logistics terms and conditions with internal and external clients and vendors
- Analyze the requirements for a project and determine which transportation and logistics processes provide the best solutions for the agency

- Identify the key points that need to be in each transportation contract
- Design and develop a cost effective logistics and transportation program

Course Outline:

- Introduction to transportation and logistics
- Common Terms
- Transportation law
- Evolution of Logistics
- Trends
- History of Regulation
- Deregulation of the Transportation Industry
- Federal Transportation Agencies
- Mode and Carrier Selection
- Transportation Modes
- Intermodal Carriage
- Carrier Selection
- Auxiliary Service Providers
- Designing a Transportation Program
- Costs of Transportation
- Basic Transportation Costs
- Relationship between demand and transportation costs
- Basis for determining transportation rates
- Cost of Transportation Review
- The Transportation Contract
- Successful Negotiation
- Ability to Negotiate
- Solicitation and Contract award Considerations
- International Transportation

- International transportation choices
- INCO terms
- Customs issues
- Advances in information technology
- Environmental Logistics Initiatives
- Recent trends
- TCO and environmental logistics strategies
- Role of Logistics in Strategic Planning
- Strategic Planning
- Tactical planning and Logistics
- Leading edge logistics management