



*Training Course:
Maintenance Services Estimation Cost for
facilities*

*14 - 25 March 2027
Cairo (Egypt)*

Training Course: Maintenance Services Estimation Cost for facilities

Training Course code: EN235004 From: 14 - 25 March 2027 Venue: Cairo (Egypt) - Training Course Fees: 6950 € Euro

Introduction

Accurate cost estimation for maintenance services is essential for effective facility management, enabling organizations to control budgets, optimize resource allocation, and ensure service quality. In complex facilities, structured estimation methodologies support planning, procurement, and long-term asset sustainability.

This program, designed by Global Horizon Training Center, equips participants with the knowledge and practical skills required to estimate, plan, and manage maintenance service costs for facilities over a comprehensive 10-day training.

Course Objectives

By the end of this program, participants will be able to:

- Understand principles of maintenance cost estimation in facilities
- Develop cost models for preventive, corrective, and predictive maintenance
- Analyze labor, material, and equipment cost components
- Prepare budgets and cost forecasts for maintenance activities
- Apply estimation techniques and tools for accurate costing
- Evaluate contractor bids and service agreements
- Optimize maintenance costs while maintaining service quality
- Monitor and control maintenance expenditures

Target Audience

This program is designed for:

- Facility Managers and Supervisors
- Maintenance and Reliability Engineers
- Cost Estimation and Budgeting Professionals
- Procurement and Contract Management Specialists
- Operations and Asset Management Personnel
- Technical Staff involved in facility maintenance planning

Outline

Day 1: Fundamentals of Maintenance Cost Estimation

- Introduction to facility maintenance cost structures
- Types of maintenance preventive, corrective, predictive
- Cost elements and classification
- Importance of cost estimation in facilities management
- Overview of standards and best practices

Day 2: Cost Components and Analysis

- Labor cost estimation and workforce planning
- Material and spare parts costing
- Equipment and tool cost allocation
- Overhead and indirect costs
- Cost breakdown structures CBS

Day 3: Estimation Methods and Techniques

- Bottom-up and top-down estimation
- Parametric and analogous estimation methods
- Historical data utilization
- Benchmarking techniques
- Accuracy levels and estimation validation

Day 4: Budgeting and Financial Planning

- Developing maintenance budgets
- Forecasting maintenance costs
- CAPEX vs. OPEX considerations
- Financial planning for maintenance activities
- Cost control strategies

Day 5: Maintenance Planning and Scheduling Impact on Cost

- Maintenance planning and scheduling fundamentals
- Resource allocation and optimization
- Impact of scheduling on cost efficiency
- Work order management
- Minimizing downtime costs

Day 6: Contracting and Service Cost Evaluation

- Outsourcing maintenance services
- Evaluating contractor bids and proposals
- Service level agreements SLAs
- Cost comparison and negotiation strategies
- Managing vendor performance

Day 7: Cost Optimization and Value Engineering

- Identifying cost-saving opportunities
- Value engineering in maintenance services
- Lifecycle cost analysis
- Reliability-centered maintenance RCM impact on cost
- Continuous improvement strategies

Day 8: Risk Management and Cost Uncertainty

- Identifying cost risks in maintenance
- Risk assessment and mitigation
- Contingency planning
- Sensitivity analysis for cost variables
- Managing cost uncertainty

Day 9: Monitoring, Reporting, and Performance Control

- Tracking maintenance costs and performance
- Key performance indicators KPIs
- Reporting and dashboards
- Variance analysis and corrective actions
- Auditing and compliance

Day 10: Integration and Case Studies

- Integrating cost estimation with asset management systems
- Aligning maintenance cost strategies with organizational goals
- Best practices in facilities cost management
- Lessons learned and continuous improvement
- Case studies and real-world applications

Registration form on the Training Course: Maintenance Services Estimation Cost for facilities

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

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Payment Method

- ☐ Please find enclosed a cheque made payable to Global Horizon
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