Cost Estimating, Budgeting & Controlling Workshop

Course Audience:
Project Managers, Cost Estimators, Planning Engineers and Controllers

Course Duration:
5 days 4H/Day

Course Location:
- ✓ Internal Training: SOFT-SYMBOLS Premises
- ✓ External Training: Client's Premises

What will you learn?

You will learn:

- ✓ Differentiate between different project management processes
- ✓ Define Resources
- ✓ Estimate the cost of labor and equipment (including depreciation)
- ✓ Adjust productivity
- ✓ Use cost accounts to control project costs
- ✓ Solve resource utilization problems
- ✓ Predict project cash flow under various scenarios
- ✓ Use earned value technique to evaluate project performance

Definitions

Course Topics:

Define the Project and Create Baseline

- ✓ Define Project Scope
- ✓ Create WBS
- ✓ Define, Sequence & Estimate resource and

duration for project activities

- ✓ Develop project Schedule using CPM
- ✓ Shortening the Schedule and its impact Project to cost

Detailed Cost Estimate

- ✓ Cost Elements
- ✓ Cost Estimate Accuracy
- ✓ Cost Estimate Methods
- ✓ Elements effect Cost Estimating

Cost Budget

- ✓ S-Curve (CPM)
- ✓ Fund requirements
- ✓ Cash Flow
- ✓ DCF & engineering Economy

Earned Value Management

- ✓ Measuring Performance (CPI, SPI, CV, SV)
- ✓ Budget Forecast (EAC, ETC,VAC)
- ✓ Enhance Index (TCPI)

Course Requirements by client in case of external training:

- ✓ Projector
- ✓ White Board

Course Fees