

# P-103 PPP Project Management and Implementation



## Course Description

This course explains how to plan and prepare for the management of PPP contracts after they are signed and how to monitor project performance. After attending this course, participants should be able to prepare contract management plans and to develop and manage procedures for monitoring and reviewing PPP project performance.

This course addresses the implementation issues in PPPs. The discussion focuses on the role of the project implementation unit, the development and execution of a project implementation plan, the tracking and updating of the risk profile of the project, and the ongoing validation of the value for money (VfM) parameters. The measurement yardstick or key performance indicators (KPIs) is highlighted along with techniques for carrying out ex post evaluations of the project and its sponsors. The role of outside experts such as the independent engineer and other technical advisors are discussed. This course also reviews the role of stakeholder consultation and feedback as part of the assessment of the project. Communication strategies are explored for the planning, monitoring and evaluation process of these projects.

## Who Will Benefit

- Government officials from national ministries, state agency and municipal governments
- PPP procurement officials
- Professionals from financial institutions
- Lawyers and advisors to governments on PPPs

**IP3 is an accredited provider of Continuing Education Units (CEUs) as sponsored by the International Association for Continuing Education and Training (IACET).**



## Learning Objectives

Through successful completion of this course, participants will be able to:

- Explain the importance of PPP contract management and performance monitoring
- Analyze and choose the best PPP contract management option for a project from an organizational, technical, financial, and legal perspective
- Manage requests to revise or renegotiate PPP contracts
- Monitor the project and use of key performance indicators
- Create a project administration plan
- Demonstrate understanding of strategic management of the solicitation and procurement processes
- Establish an effective project monitoring system to mitigate risk and financial analysis
- Utilize outside experts and advisors during the implementation phase
- Manage communications with the project company/ concessionaire
- Understand contract initiation, management and negotiation
- Develop evaluation and communication strategies for securing stakeholder feedback

## Become a Certified PPP Specialist

IP3's PPP Specialist Certification program provides a core body of knowledge in public-private partnerships, creating a world-class standard in PPP skills development.

*Certification requirements include 24 CEUs and successful completion of a PPP Specialist exam.*

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## Project Management Introduction

- Projects vs operations
- What is Project Management?
- Project lifecycle
- Process management

## Scope Management

- Identifying stakeholders and stakeholder analysis
- Public charters
- Statement of work
- Project announcements
- Project scope management
- Work breakdown structure

## Time Management for Infrastructure Projects

- Activity sequencing
- Activity duration estimating
- Critical chain method
- Project scheduling

## Resource Planning and Time-Limited Resources

- Time-limited resource scheduling
- The cost-slope method

## Cost Budgeting and Base Line

- Cumulative cost graph
- Project cashflow balancing

## Resource Planning and Resource-Constrained Scheduling

### Project Cost Estimation

- Estimating cycle
- Project cost management process
- Resource planning
- Incremental accuracy in the project lifecycle
- Cost estimation tools and techniques

### Risk Management

- Key standards for risk management
- Risk management process and planning
- Risk tolerance and types of risk
- Hazards identification
- Qualitative risk analysis
- Risk monitoring and control

### What is Negotiation?

- Stereotypes in Negotiation Methods

### Quality Management

- Quality attributes
- Evolution of quality
- Quality systems and assurance
- Total quality management (TQM)
- Quality gurus
- Cause and effect diagrams
- Costs of quality

## Basic Tools for Quality Managers

- The seven basic quality tools and their advantages

## Project Control, Performance Standards and KPIs for PPPs: S Curves and Earned Value

- Updating schedules
- Change in critical path
- Measuring work progress
- Methods for determining percent complete for individual activities and entire project
- Project control techniques

## Establishing Effective Monitoring and Evaluation Systems: Evaluating your M&E Systems

- Strategic planning and management
- SMART objectives
- Strategy and projects
- What is portfolio management?
- Strategic management control instruments
- Key performance indicators
- Means of verification
- Balanced scorecard fundamentals

## Process Procurement Management

- Procurement and solicitation planning
- Source selection
- Contract administration
- Contract close-out

## Project Contract Management

- Essential elements of a contract
- Contract types
- Contracting approaches
- Potential problem areas when entering into contracts
- Various remedies for breach of performance
- Types of damages
- Precedence of documents

## Integrated Project Evaluation and Risk Analysis for PPPs

- Integrated (comprehensive) project evaluation
- Risk analysis for PPPs

## Financial Risk and Contracting for PPPs

- Types of public support of PPPs
- PPP credit enhancement techniques
- Debt service coverage ration (DSCR)
- Monte Carlo simulation methodology

## Project Management Offices (PMO), Human Resources and Organizational Structures for PPPs

### The Negotiation Process

- Preparing to negotiate
- Body language
- Techniques of persuasion and influence
- Requisites for an agreement