Project Cost Management Overview

7.1 Plan Cost Management

.1 Inputs
   .1 Project management plan
   .2 Project charter
   .3 Enterprise environmental factors
   .4 Organizational process assets

2. Tools & Techniques
   .1 Expert judgment
   .2 Analytical techniques
   .3 Meetings

.3 Outputs
   .1 Cost management plan

7.2 Estimate Costs

.1 Inputs
   .1 Cost management plan
   .2 Human resource management plan
   .3 Scope baseline
   .4 Project schedule
   .5 Risk register
   .6 Enterprise environmental factors
   .7 Organizational process assets

2. Tools & Techniques
   .1 Expert judgment
   .2 Analogous estimating
   .3 Parametric estimating
   .4 Bottom-up estimating
   .5 Three-point estimating
   .6 Reserve analysis
   .7 Cost of quality
   .8 Project management software
   .9 Vendor bid analysis
  .10 Group decision-making techniques

.3 Outputs
   .1 Activity cost estimates
   .2 Basis of estimates
   .3 Project documents updates

7.3 Determine Budget

.1 Inputs
   .1 Cost management plan
   .2 Scope baseline
   .3 Activity cost estimates
   .4 Basis of estimates
   .5 Project schedule
   .6 Resource calendars
   .7 Risk register
   .8 Agreements
   .9 Organizational process assets

.2 Tools & Techniques
   .1 Cost aggregation
   .2 Reserve analysis
   .3 Expert judgment
   .4 Historical relationships
   .5 Funding limit reconciliation

.3 Outputs
   .1 Cost baseline
   .2 Project funding requirements
   .3 Project documents updates

7.4 Control Costs

.1 Inputs
   .1 Project management plan
   .2 Project funding requirements
   .3 Work performance data
   .4 Organizational process assets

.2 Tools & Techniques
   .1 Earned value management
   .2 Forecasting
   .3 To-complete performance index (TCPI)
   .4 Performance reviews
   .5 Project management software
   .6 Reserve analysis

.3 Outputs
   .1 Work performance information
   .2 Cost forecasts
   .3 Change requests
   .4 Project management plan updates
   .5 Project documents updates
   .6 Organizational process assets updates

Figure 7-1. Project Cost Management Overview