# 8. QUALITY MANAGEMENT PLAN

## 8.1 Plan Quality Management

Inputs

1. Project Management Plan
2. Stakeholder Register
3. Requirements Documentation
4. Enterprise Environmental Factors
5. Organizational Process Assets

Tools & Techniques

1. Cost-benefit Analysis
2. Cost of quality
3. 7 Basic quality tools
4. Benchmarking
5. Design of experiments
6. Statistical sampling
7. Additional quality planning tools
8. Meetings

Outputs

1. Quality management plan
2. Process improvement plan
3. Quality metrics
4. Quality checklists
5. Project documents updates

## 8.2 Perform Quality Assurance

Inputs

1. Quality management plan
2. Process improvement plan
3. Quality metrics
4. Quality control measurements
5. Project documents

Tools & Techniques

1. Quality management & control tools
2. Quality audits
3. Process analysis

Outputs

1. Change requests
2. Project management plan updates
3. Project documents updates
4. Organizational process assets updates

## 8.3 Control Quality

Inputs

1. Project management plan
2. Quality metrics
3. Quality checklists
4. Work performance data
5. Approved change requests
6. Deliverables
7. Project documents
8. Organizational process assets

Tools & Techniques

1. 7 basic quality tools
2. Statistical sampling
3. Inspection
4. Approved change request review

Outputs

1. Quality control measurements
2. Validated changes
3. Validated deliverables
4. Work performance information
5. Change requests
6. Project management plan updates
7. Project documents updates
8. Organizational process assets updates