Initial Audit Questions
Last Update : 21 July 2020

Top-Level Project Management

What does the staff organization chart look like?

Is there an independent quality assurance group or person?

If a project requires more resources (labor, system, supplies, etc.), what are the steps to identify these needs, adjudicate them, and accommodate them?

How is schedule and cost accountability tracked and managed for individual projects?

Do you have the following plans:
1) Program Management Plan?
2) Quality Assurance Plan?
3) Configuration Management Plan?
4) Systems / Software Engineering Management Plan?
5) System Test Plan?
6) Software / System Installation Plan?

Managing Scope

For a major release or a smaller, iterative deployment; how are the new capabilities identified and approved?

What is the approach and or means to perform software cost estimation?

Initial Analysis

What is the approach to laying out the system and or software architecture for a planned release? How is the analysis performed for sizing and timing?

Software Development Methodology

Is there a flowchart or diagram that shows the software development methodology?

Is there a set of coding standards for the software developers to reference? Are there checks to ensure that the coding standards are met?

What kind of peer reviews are in place?

What metrics are collected early in the development life-cycle?

Metrics and Cost / Progress Monitoring

How does management measure earned value or compare the budgeted cost of work performed

(BCWP) and the actual cost of work performed (ACWP)?

How is cost reported as selected projects progress?

By what means does management track scheduled progress of software endeavors?

Testing, Verification, and Validation Activities

How are test discrepancies and deficiencies identified?

How are the discrepancies and deficiencies assessed, categorized, and prioritized?

Risk and Opportunity Management

Does Adilas have a risk and opportunity management system?

Configuration and Document Management

For configuration management, how does the change control process work?

How is the contents of a given release captured / documented?

Does each software release have a designated tag or identifier?

Do you have the capability to "roll back" from a given software release?

Can it be shown that the software that is tested is the same version that will be released into an understood and controlled environment?