DATA ITEM DESCRIPTION

Title: QUALITY ASSURANCE PROGRAM PLAN

Number: DI-QCIC-81794
AMSC Number: F9112
DTIC Applicable: N/A
Office of Primary Responsibility: 70 (OO-ALC/526 ICBM)
Application Forms: N/A

Approval Date: 20091208
Limitation: N/A
GIDEP Applicable: No

Use/Relationship: The purpose of the Quality Assurance Program Plan (QAPP) is to provide complete coverage of all of the information, instructions and documentation necessary to produce a quality part, component, equipment, subsystem, or system of high acceptance and in complete conformity with contractual requirements. The QAPP will contain measurable quality objectives and the metrics by which they are to be measured.

This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task and requirements as delineated in the contract.

Requirements:

1. Reference documents. The applicable issue of the documents cited herein, including their approval dates and dates of any applicable amendments, notices, and revisions, shall be as cited in the contract.

2. Format**:** Contractor format acceptable.

3. Content: The QAPP will contain the information required to identify how the contractor will satisfy the specific quality tasks within the contract and describe the contractor's understanding of all documentation tasks required for meeting the contractual requirements. The QAPP includes the technical and manufacturing aspects of production, raw materials, facilities involved, and personnel required. The QAPP will cover the following:

3.1 Reference Documents: A complete list of compliance and reference documents (e.g. ISO 9100A, MIL-STD-1686) that are used to guide the writing and implementation of QAPP.

3.2 Management: Provides the organizational structure, and their responsibilities that will influence the quality of the products. Examples of elements to be addressed include quality planning, implementation, control and monitoring; significant interfaces that affect products, contracts, sellers, problem reporting and resolution; review of audit results; authorization for deviation to quality policy; and control of corrective and preventive actions. Additional elements based on the program requirements will be agreed to prior to contract award.

3.3 Design Control: Identifies and describes the standards, practices, conventions and metrics that are to be applied to this project. Also identifies and describes how quality will monitor compliance to these standards and how conformance to requirements will be verified.

3.4 Purchasing: Provides details of all critical or key products that will be purchased and any relevant quality assurance requirements for these products. Depicts the method used to evaluate, select and control sellers.

3.5 Control of Customer Supplied Products: Provides specifics on how customer supplied products are identified and controlled and the method used to verify that these products meet the requirements.

3.6 Process Control: Give details of the method employed to verify process controls are in place and being used at the manufacture/assembly. Verification should include process documentation, monitor and control of characteristics, acceptable workmanship standards, use of qualified processes, equipment and personnel, adequate and appropriate tooling and test equipment. List all critical processes used on this project and the method or plan to use to control each of them.

3.7 Inspection and Testing: Delineates the required inspection and testing. Describing what characteristics will be verified at each step in the process, how customer or regulatory established witness points, and use of third party verification. Provides a description of the type, quantity, and format of the test data, including any unique or specific requirements used in identifying inspection and test status of the products.

3.8 Problem Reporting and Preventive/Corrective Action: Identifies methods used to detect, report, track, and resolve product/process problems and trends. Provide a description on how the U.S. Government will interface with this process.

3.9 Handling, Storage, Marking, Packaging, Preservation and Delivery: Describe the methodology used to verify that specific parts and product handling, storage, marking, packaging, and delivery requirements are met. Includes the method used to verify that the delivered products have not degraded beyond the requirements.

3.10 Control of Quality Records: Depicts what records are to be kept, for how long, where, by whom, and what form these records will exist. Provides a description of how the records will be stored, retrieved, disposition, confidentiality requirements, and the method used to implement them.

3.11 Quality Audits: Identifies the nature and extent of the quality audits to be performed (e.g: internal, customer supplier, regulatory, seller and ISO registration), how the results will be used in the corrective and preventive action system, and to what extent the customer's involvement in internal quality audits.

3.12 Statistical Techniques: Includes the statistical techniques to be used to evaluate and maintain consistent quality control.

4. End of DI-QCIC-81794