QUALITY ASSURANCE PROVISIONS (QAP)
FOR THE
CUP, SUPPORT

I. QUALITY/INSPECTION SYSTEM REQUIREMENTS

A. The contractor shall implement and maintain a quality system meeting the requirements of ISO 9001-2008 (only design/development exclusions permitted).

II. INSPECTION REQUIREMENTS

A. The contractor shall implement and maintain an inspection system that demonstrates product meets design requirements. The inspection system shall assure that complete records of inspections performed are maintained. Inspection records shall be made available to the Government upon request.

B. The contractor, in performing sampling inspection of the product(s) being manufactured/delivered, shall, as a minimum, comply with the inspection requirements of MIL-STD-1916, Table II, Verification Level (VL)-I.

C. The Government reserves the right to make inspections and tests while work is in process.

D. The Contractor's calibration system shall be in accordance with ANSI/NCSL Z540.3-2006**.**

III. STATISTICAL PROCESS CONTROL PROGRAM

A. The contractor shall consider application of statistical process control techniques as part of their quality assurance program.

IV. ACCEPTANCE REQUIREMENTS

A. First Article and Production Lot Acceptance Inspection are required and shall be performed as follows:

(1) Contractor shall manufacture and submit a first article sample on **six (6)** completed units. First article examinations, tests, and inspections shall be performed at the Contractor's facility, by the Contractor personnel, and witnessed by Government representatives, to assure sample conforms to all the requirements specified by the contract (e.g., the ADL, all drawings and related specifications and standards, QAP) and accompanied by verifiable inspection results, certified test reports, material certifications, etc.

(2) Lot acceptance inspection will be conducted by the contractor and/or DCMA and witnessed by DCMA on lot size no greater than one (1) week's production, but not less than (1) day's production. Lot acceptance will be conducted by Contractor and/or Defense Contract Management Agency/ Quality Assurance Representative and witnessed by DCMA/QAR. Should a failure occur during lot acceptance, the Contractor shall immediately notify, via the DCMA/QAR, the Contracting Office prior to any rework/repair and retest or re-inspection.

(3) Materials, design, and construction shall be in accordance with the requirements as defined by the contract. The Contractor shall demonstrate by means of certification that only materials and components conforming to the contract requirements have been used. The Certificate of Conformance (CoC) shall reference all specifications and requirements called out on the drawing (examples include, but are not limited to, raw material, heat treatment, and coatings). The CoC shall also list all specification requirements (examples include, but are not limited to, material chemical composition, mechanical properties, hardness, coating thickness, and environmental tests if required). Traceability of the CoC must also be

maintained from initial purchase, through all subsequent processes, to final receipt at the manufacturing facility. Traceability should include invoices showing transfer of material at all steps until the final product. Purchase orders and receiving records should not be included as part of a certificate of conformance unless they are necessary to link the traceability back to the requirement.

B. First Article and Lot Acceptance Reporting: At conclusion of first article and lot acceptance inspection, the contractor shall prepare test reports in accordance with CDRL requirements.

V. ADDITIONAL REQUIREMENTS

A. ECPs, VECPs, Deviations, and NORs shall be prepared and submitted in accordance with applicable CDRL.

B. Production Progress and Delivery Report (DD Form 375) shall be prepared with instructions listed thereon.