



**ARNOLD DEFENSE**  
PROTECTING THE MODERN WARFIGHTER

**ARNOLD DEFENSE  
3000 ARNOLD TENBROOK ROAD  
ARNOLD, MO 63010**

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The clauses (referenced on the purchase order) below are an integral part of this Request for Quote/Purchase Order. Compliance with the requirements of these clauses does not relieve the supplier of their responsibility for furnishing articles, materials, and services that fully comply with applicable drawings, documents and specification requirements, nor does it guarantee acceptance of articles, material or services by Arnold Defense.

#### GENERAL REQUIREMENTS

Supplier must obtain approval from AD&E for any design changes, repairs, rework, and change in material or processes. When a manufacturing problem exists, the buyer will request corrective action from the supplier. Such requests require timely responses and shall include:

- Analysis of the root cause of the problem.
- Statement of action taken to preclude further occurrences and effectively of the action.

Seller is responsible for proper adjustment, calibration and safe care, other than normal wear of all production or inspection tooling furnished by AD&E. Suppliers shall perform or have performed the inspection and tests required to substantiate that supplies provided under the P.O. conform to the drawings, documentation, specifications, and purchase order. Noncompliance to clauses as set forth on this document is cause for rejection of shipment.

When a government contract is referenced on the purchase order, all applicable FAR clauses shall be imposed as a requirement. All records herein are to be maintained in supplier's custody a minimum of five (5) years.

Address all inquiries to: ARNOLD DEFENSE  
VENDOR QUALITY ASSURANCE  
3000 ARNOLD TENBROOK ROAD  
ARNOLD, MO 63010  
PHONE: (314)296-5417 FAX PHONE: (314) 296-1967

Clauses 1,2,3,5,7,12,& 13 Shall apply to all purchase orders issued by Arnold Defense and are required with shipment prior to acceptance. Failure to comply with these requirements will result in late payment.

## SUPPLIER QUALITY REQUIREMENTS

### CLAUSE 1-QUALITY SYSTEM REQUIREMENTS

Seller shall provide and maintain a Quality Management System Registration of ISO 9000, AS 9100 or other approved higher quality management system. The system shall be subject to review and approval by the buyers Quality Assurance Manager during the duration of the order. In lieu of an approved registration, the supplier will submit a self-survey form PFO4.001 or facilitate an on-site QMS audit by Arnold Defense to maintain inclusion as an authorized supplier.

### CLAUSE 2-SAMPLING PLANS

Discretionary implementation of any process control plan deemed necessary and sufficient for defect prevention is the determination of the supplier. As a **minimum**, articles supplied on this purchase order shall be inspected as follows:

100% for all **“CRITICAL CHARACTERISTICS”**

Note: The term “characteristic” refers to all blueprint requirements including dimensional, physical, and chemical.

All characteristics classified as **“MAJOR”** shall be inspected per MIL-STD-1916 VL IV

All characteristics classified as **“MINOR”** shall be inspected per MIL-STD-1916 VL II

Sampling inspection plans other than MIL-STD-1916 must be approved by VQA.

(Note: Sampling inspection is performed as an assessment of product conformance. AD&E orders and pays for 100% conforming product, acceptable sampling inspection results in no way relieves the supplier of the responsibility to provide 100% conforming materials.)

### CLAUSE 3-CERTIFICATE OF CONFORMANCE REQUIRED

The seller shall furnish with each shipment of articles or material a certificate of conformance. This certificate of conformance shall be originally signed (no stamp signature) by an authorized representative attesting that the articles or material shipped meet all drawing and specifications cited in the purchased order.

The certification must contain the following information as a minimum:

- 1) Name and address of supplier
- 2) AD&E Purchase Order Number.
- 3) Applicable AD&E drawing number and revision level.
- 4) Quantity of material or parts in the shipment.
- 5) A list of the specifications, military standards, or other requirements that the supplier is certifying that the material in the shipment meets.
- 6) Lot number of the manufacturer’s material supplied (Clause 6) and/or the lot number of the mill material used to produce the item supplied. (Clause 5).
- 7) Quantity of articles or materials tested, sample size, specimen type-as applicable.

8) Date, phone number, signature, typed name and title of the authorized representative that is attesting to the accuracy of the certification report.

#### CLAUSE 4-INSPECTION REPORTS

The Certificate of Compliance in CLAUSE 3 must include:

Results of actual measurements and tests of the article or material in the shipment identified by reference to the applicable requirements.

The actual dimensional, chemical, mechanical, or physical data reported shall be adequate to determine compliance with all AD&E requirements.

#### CLAUSE 5-MILL CERTIFICATIONS REQUIRED

All raw materials used to fabricate component parts for AD&E must be traceable to the seller's source. The seller shall provide a copy of the raw material certification (mill certification) from the sellers as evidence that materials used to meet AD&E's requirements. This mill certification must show chemical and physical properties identify the source and testing source if other than the source. All tests required by the material specifications must be performed and listed on the certification.

#### CLAUSE 6-MANUFACTURER'S CERTIFICATE OF CONFORMANCE REQUIRED

The seller (when the seller is not the original manufacturer) shall furnish each shipment of articles or material a **manufacturer's certificate of conformance**. This certificate of conformance shall be furnished by the manufacturer of the articles or material containing the information specified in Clause 3 above. This manufacturer's certificate of conformance shall also contain the lot number assigned by the manufacturer and this lot number shall be referred to by the seller in their certificate of conformance. The manufacturer's certificate of conformance must also include a statement attesting to the requirement of Clause 2 and/or Clause 10 as required.

#### CLAUSE 7-INSPECTION AND TEST PERFORMANCE

During performance on this order your Quality Control inspection system and manufacturing processes are subject to review, verification and analysis by an authorized Government Representative. Government inspection or release of product print to shipment is not required unless otherwise notified.

#### CLAUSE 8-SOURCE INSPECTION BY PURCHASER

It is mandatory at seller's facility during and upon completion of manufacturing, the seller shall provide all necessary inspection data, facilities and equipment. Notification of purchaser at least 72 hours in advance of intent to ship and withhold shipment pending necessary action by purchasers' VQA Representative. Final acceptance of product will be at Purchaser's facility.

#### CLAUSE 9-GOVERNMENT SOURCE INSPECTION

Government Source Inspection is required prior to shipment from your plant. Upon receipt of this order, promptly notify the Government Representative who is assigned to your facility to accomplish appropriate planning for government inspection.

#### CLAUSE 10-MANUFACTURING AND PROCESS CONTROL PLAN

The seller shall prepare a manufacturing and process control plan for items delivered under this contract. The plan shall include the operational sequence and process control/inspection points for each operation in the manufacturing of the components for this order. Process control/inspection points shall detail the measuring or test equipment, the method used for inspection and the type of inspection. A reproducible copy of the plan shall be submitted for approval 30 days prior to production to AD&E VQA.

#### CLAUSE 11-FIRST PIECE INSPECTION

Inspection is to be performed by AD&E VQA on minimum of (5) pieces of the first lot for each item on this purchase order. Supplier is to submit a complete inspection report. Report shall include a complete dimensional layout of all blue print dimensions and complete test results substantiating compliance with all other physical or chemical requirements.

#### CLAUSE 12-SAMPLING INSPECTION UPON RECEIPT

Item supplied on this purchase order shall be subjected to sampling inspection upon receipt. Zero Acceptance Number Sampling Plans (C=0) will be used. One reject in the sample is cause for lot rejection. Should the inspection lot fail the sampling test the entire lot will be rejected for review and 100% inspection at the sellers facility. Should the inspection sample indicate that there are acceptable units in the inspected lot and it is determined that they are urgently needed to meet schedule commitment, 100% sorting inspection may be accomplished by AD&E VQA. Seller will be invoiced for the 100% inspection at the current labor rate.

#### CLAUSE 13-SPECIAL PROCESS CERTIFICATION

Seller must submit a statement attesting that special processes such as welding, plating, x-ray, anodizing, magnetic particle, process personnel certification, penetrant, heat treating, satisfy the requirements of applicable specifications. The statement shall conform to the requirements of CLAUSE 3. Records substantiating the foregoing must be available for examination by AD&E.

#### CLAUSE 14-SHELF LIFE

All materials having definite characteristics of reliability and quality degradation with age, shall be marked in such a manner as to indicate the date at which critical life was initiated and when useful life is expended.

#### CLAUSE 15-BATCH TRACEABILITY

All end items on this order must be traceable to the raw material batch/lot/heat and source from which they were produced. Records substantiating this traceability must be retained on file and available for review by AD&E. Materials must be identified by Lot Number or Batch Number.

#### CLAUSE 16-BUY AMERICAN ACT

A requirement per DFARS 252.225-7001 and DFARS 252.225-7000, that all acquisitions must be purchased from a domestic or qualifying country.

## CLAUSE 17-COUNTERFEIT PREVENTION PLAN

To protect Arnold Defense and Electronics (AD&E), our supply chain, and ultimately our customers from the infiltration of counterfeit or questionable pedigree components making it into our end products.

This policy (AD&E document PP04.004). applies to all electronic and mechanical components and parts delivered to AD&E either in assemblies or as individual components.

All AD&E suppliers are required to purchase from OCM, OEM, or authorized distributors for such OCM/OEM, as sole and exclusive sources for all assemblies, components or parts to be delivered to AD&E and to obtain and retain written records for such.

Suppliers shall secure a C of C and/or C of CT for all electronic assemblies, components or parts to provide to AD&E upon request and maintain on file as described within applicable AD&E purchase orders and in compliance with AS9100 and/or ISO9001 requirements.

The use of Non-Authorized Suppliers/Brokers without express written consent by AD&E is hereby strictly prohibited