

Q2B – Maintenance, Process Verification

(Original Version)

* Revised **Added

NOTE: A hard copy of this document may not be the document currently in effect. The current version is always the version on the Lockheed Martin network.

The terms "Item" (plural "Items"), "PO", "Buyer", and "Seller" used herein shall have the same meaning as the terms "Work", "Contract", "LOCKHEED MARTIN", and "SELLER", respectively, as may be defined in another provision of the Purchase Order of which this Quality Clause Q2B is a part ("this PO").

SCOPE:

Maintenance Process Verification ("MPV") is to verify that new processes (including the personnel, documentation and tooling) are capable of performing the maintenance in compliance with established requirements. Maintenance, repair and overhaul (MRO) is defined as any repair/overhaul activity performed by any repair facility other than the Original Equipment Manufacturer ("OEM") of the item and must meet the following requirements:

- Conformance to all Military Technical Data, OEM's repair/overhaul data or customer requirements
- Conformance to any and all approved test requirements and procedures

GENERAL REQUIREMENTS:

- A. All elements of this Clause are applicable to the PO line item(s) referenced on Buyer's PO. Any lower-level detail parts which comprise the top level PO line item (if applicable) will also comply with this clause. Seller shall perform a Maintenance Process Verification (MPV) on the first repair/overhaul of a component. The MPV will be an independent document to verify the repair/overhaul process produced a component that met all the requirements of the repair/overhaul technical data.
- B. Buyer reserves the right to require Seller to perform a MPV, at Buyer's request, at no additional cost, price or fee of this PO.
- C. Seller shall document completion of the MPV in the English language.
- D. All elements of this clause are applicable to the Seller's facility address referenced on Buyer's PO. If the Seller's Maintenance, Repair or Overhaul activity will be performed at or from a location other than the contracted PO address, the Seller must obtain prior approval from the Buyer.
- E. Seller shall provide the Buyer a copy of a teardown report for each item repaired/overhauled. The teardown report shall include at a minimum the following:
 - a. Part Number
 - b. Serial Number if serialized
 - c. Parts removed and replaced
 - d. If part was repaired or overhauled
 - e. Test report if applicable
 - f. Technical Order (T.O.) or repair/overhaul manual used including the revision level

- F. Seller shall provide the Buyer a Maintenance Release/Return to Service certification or equivalent. This could be a DD1574, C of C, Maintenance release certificate, etc.
- G. Seller shall use the latest revision of the Technical Orders (T.O.) or OEM repair/overhaul manual for all repairs or overhauls.
- H. Seller shall only use replacement parts that are specified in the T.O. or QEN repair/overhaul manual. These parts will only be procured from the manufacturer specified in the T.O. or QEM repair overhaul manual. Any substitution of parts not specified in the T.O. or QEM repair/overhaul manual must be approved by the Buyer prior to use. This may require another MPV to be performed.
- I. Seller shall notify Buyer's assigned Supplier Quality Engineer a minimum of 5 days prior to creating or starting any changes identified in paragraph H above.
- J. Seller shall ensure discrepancies and non-conformances, if any, discovered are documented and dispositioned by the appropriate Material Review Board ("MRB") actions, (i.e., Seller's MRB for Seller design and Buyer's MRB for Buyer design).
- K. Seller shall present MPV documentation records for validation to Buyer's assigned Supplier Quality Engineer, if requested by such Supplier Quality Engineer.
- N. Seller shall maintain documentation of MPV results on each deliverable end item for the period specified by this PO. Seller shall provide to Buyer, within 48 hours of a request by Buyer, a complete copy of MPV reports at no increase in the cost, price, or fee of this PO.
- O. Seller may use the latest revision of Quality Clause Q2B to meet all requirements in any other PO with prior versions of Quality Clause Q2B imposed between Buyer, acting for and through Lockheed Martin Aeronautics Company, and Seller, provided that Seller does so at no increase in price, cost or fee of this PO.
- P. Seller shall use internal processes / procedures, as defined in Seller's Quality Management System, to verify product conformance to the requirement of Q2B.

DETAILED REQUIREMENTS:

- A. Seller shall not outsource any portion of the repair, overhaul or testing without prior approval from the Buyer.
- B. If there are any special processes called out that are proprietary to either the Buyer or the OEM the Seller must use sources that are approved by the Buyer.
- C. All Acceptance Test Procedures (ATP) must be approved by the Buyer or IAW the latest revision of the T.O. or OEM repair/overhaul manual.