

**Raytheon Quality Note
WF****Revision - Date
12 – 02/15/2021**

UNIVERSAL QUALITY NOTE

REVISION HISTORY

- Revision 12 replaces revision 11 dated 4/29/2020:
 - Modified 6.2 and removed 6.3 to clarify changes requiring approval.
 - Removed PDR reference in Data Submission Summary
- The applicable revision of this document is determined by:
 - The revision specified on the purchase order, or
 - The revision in effect at the time of the purchase order if no revision is listed on the purchase order.

REQUIREMENTS

1. Quality Management System – Quality Note AN

- 1.1. Seller shall have a quality management system in compliance with the requirements of Raytheon Quality Note AN.

2. Seller's Sub-tier Supplier Management - Quality Note B6

- 2.1. Seller shall comply with the requirements of Raytheon Quality Note B6.

3. Documentation – Revision and Configuration Control

- 3.1. Seller shall ensure they have the drawing that matches the revision noted on the Purchase Order. The Seller shall ensure they have the drawings that match the revisions in effect if an item on the Purchase Order is controlled by a drawing that lists or references a Parts List (PL) or a Generation Breakdown (GB).
 - 3.1.1. Seller shall contact the Raytheon Procurement Agent on the Purchase Order for the drawing revision level listing of the subsidiary drawings on the Parts List or Generation Breakdown.
- 3.2. Seller shall not accept changes via verbal or email direction.
- 3.3. Any revision changes shall be approved and documented on the Purchase Order by the Raytheon Procurement Agent.
- 3.4. If an item on the Purchase Order invokes a military or industry specification (AMS, ASTM, MIL, etc.) without indicating a revision, the revision in effect is as of the date of the Purchase Order. If a revision

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controlled document is noted using a revision, the indicated revision of the specification shall be used.

- 3.4.1. If a revision controlled document without indicated revision is superseded by another document, as stated within its text, the superseding document shall be used.

4. Right of Access

- 4.1. Raytheon and Raytheon's commercial customers, Federal Government Contractors and/or regulatory authority representatives shall have right of access to quality management system documentation, all applicable records and all facilities involved in the execution of the Purchase Order.

5. Manufacturer's Part Numbers

- 5.1. Seller shall ensure product meets all drawing and Purchase Order requirements.
- 5.2. If an item on this Purchase Order is controlled by a drawing that references a "Suggested Source of Supply" and/or "Manufacturer Part Number", the Seller shall verify that the suggested source and/or manufacturer's part number meet the requirements of the drawing and/or Purchase Order.

6. No Changes Without Approval

- 6.1. Items furnished under this Purchase Order shall be identical in form, fit and function to a product previously approved by Raytheon, except for first time purchases.
- 6.2. Seller shall obtain Raytheon approval of any proposed changes to products in design, fabrication and test methods or processes, materials which may affect form, fit and/or function. Approval requests will be sent through the responsible Raytheon Procurement Agent.

7. Prohibition of Pure Tin

- 7.1. Components soldered into completed assemblies and subassemblies by the Seller or Seller's sub-tier suppliers shall not have Pb-free tin (pure tin) termination finishes unless one of the following conditions is met:
- 7.1.1. The use of Pure Tin (Sn) Plated Finishes is specifically authorized on the Purchase Order by the Raytheon Procurement Agent.

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- 7.1.2. The Raytheon Technical Data Package or Military Specification referenced on the Purchase Order requires the use of pure tin finishes.
- 7.1.3. Seller has a written tin control plan in accordance with GEIA-STD-0005-2 that has been approved in writing by Raytheon and the tin usage conforms to the requirements of the plan.
- 7.2. Seller shall communicate these restrictions to their subcontractors or sub-tier sellers as required.

8. Foreign Object Elimination

- 8.1. The material supplied on the purchase order shall be free of foreign objects and manufactured in an environment that is free of foreign objects.
- 8.2. Seller shall establish and maintain an effective Foreign Object Damage (FOD) Prevention Program, using NAS412 as a guideline.
- 8.3. The Seller's FOD Prevention Program shall account for the sensitivity of the design of the product(s) to FOD, as well as the FOD generating potential of the manufacturing methods.
- 8.4. Seller's FOD Prevention Program shall include FOD preventive practices for packaging.
- 8.5. Seller shall ensure that there are no foreign objects received in packaging and packaging containers. Note: Foreign objects include staples, foam peanuts, and Styrofoam which may be used in packaging.
- 8.6. Seller shall not use packaging material that may leave residue from the packaging material on the parts as a result of packing or unpacking the product.
- 8.7. Seller's FOD Prevention Program shall be available for review and audit upon request by the Raytheon Procurement Agent and/or government representative.

9. Nonconforming Material

- 9.1. Seller shall comply with the requirements of Raytheon Quality Note HR.

10. Electrostatic Sensitive Devices (ESD) - Quality Note MA

- 10.1. Seller shall comply with the requirements of Raytheon Quality Note MA if an item on this Purchase Order contains electrical or electronic parts,

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assemblies, or equipment, susceptible to damage from Electrostatic Discharge (ESD).

DATA SUBMISSION SUMMARY

- Seller to deliver the following data to Raytheon for information as required by this document
 - Evidence of a third party certification, if required per Requirement 1.
- Seller to deliver the following data to Raytheon for Raytheon Approval
 - Tin Control Plan in accordance with GEIA-STD-0005-2, if required per 7.1.3

NOTES

- The United States Government has the right to inspect any and all work included in this order at the Seller's plant that is in fulfillment of a US Government contract.