



## **Resonant Sciences LLC Supplier Quality Requirements**

- 1. Prevention of Counterfeit/Fraudulent Materials and/or Documentation:** Supplier must utilize effective procedures and training of the appropriate persons to prevent counterfeit or fraudulent materials and/or documentation from being delivered to Resonant Sciences.
- 2. Right of Access:** With reasonable cause, in support of a quality investigation, Supplier must grant the Buyer, its customer and/or government or regulatory authority reserves the right of access to Supplier's premises to review the applicable areas and related documents to verify any sub-tier products or processes conform to the requirements of this purchase order. This does not include Suppliers pricing or costs.
- 3. No Changes to Qualified Sources, Materials, Methods, and Facilities:** Seller certifies that the raw materials and sources thereof, the manufacturing process and the manufacturing location for the Goods purchased to the referenced material specification have not changed from those originally qualified for use by Resonant Sciences. Supplier must notify Resonant Sciences of any changes in product, including raw materials, sub-tier suppliers, facilities, or processes, and obtain written authorization from Resonant Sciences prior to manufacturing Goods.
- 4. Quality Management System (QMS):** The Seller must maintain a documented quality system to address at a minimum: Contract Review, Control of Counterfeit/Fraudulent Material, Receiving and Final Inspection, Calibration of measuring and monitoring equipment (except distributors), Control of nonconforming product, and Corrective Action. Seller's Quality Management System must ensure all personnel training include awareness of their contribution to product or service conformity, product safety, and the importance of ethical behavior. The status of the external provider's third-party certification to ISO9001 and/or AS9100 is verified periodically by Resonant Sciences, to ensure continued reliability and performance as an external provider.
- 5. Electrostatic Discharge:** All electrostatic sensitive devices and components shall be marked, packaged, and handled in compliance with ANSI/ESD S20.20 Protection of Electrical and Electronic Parts, Assemblies, and Equipment, or equivalent.
- 6. Certification of Conformance:** Seller shall provide a certification of conformance to purchase order requirements and the applicable material specification and revision for each lot/batch delivered. Certifications must be signed by an authorized seller's quality representative and shall include date of manufacture, shelf-life expiration and storage temperature/conditions.
- 7. Special Processing:** Special processing is defined as the manufacturing step or process where the end item or result cannot be physically inspected post processing. Any special processing must be clearly identified on the certificate of conformance. Resonant Sciences and its customers have right of entry to subcontractors' facilities to assess special process(s) used to verify the quality of the work performed.
- 8. Certificate of Analysis:** Seller shall provide certification and test report of chemical, physical, and/or analytical test results, as applicable, in accordance with the applicable material specification for each lot/batch delivered. Certification of Analysis and/or Test Reports by the Original Manufacturer is required with each shipment, unless otherwise indicated on the Purchase Order. For woven fabrics, both weaving and OEM fiber/yarn certifications are required with each shipment.
- 9. Non-Conforming Product:** Supplier agrees to notify Resonant Sciences of any non-conforming



product and must obtain written consent to ship from the Buyer prior to shipping nonconforming material. If non-conforming/discrepant material is received by the Buyer, the Seller will immediately conduct a containment action. The Supplier must also notify Resonant Sciences of any previously shipped / delivered products that may contain nonconforming materials. The Seller will provide to the Buyer, a written report which is specific and conclusive to prevent a recurrence of the discrepancy. Seller will complete the provided Supplier Corrective Action form within 30days of issue. The corrective action will include a root cause determination and actions that provide a process or product improvement and defect elimination.

- 10. Request for Deviation/Waiver:** Seller shall not ship non-conforming items without Buyer's express written authorization. Seller shall request in writing, Buyer's disposition(s) for nonconforming item(s) prior to shipment. Items determined to be unacceptable by Buyer shall be permanently identified by Seller, to preclude use or shipment to Buyer.
- 11. Record Retention:** Seller's Quality/Inspection Records shall be retained for a period not less than 10 years after completion of purchase order. Resonant Sciences must be contacted in writing, prior to disposal to confirm authorization for and method of disposal.
- 12. Distributor Material Certification Traceability:** Distributors must provide certifications and test reports with traceability from the original manufacturer to the distributor and from the distributor to the Buyer.
- 13. Source Inspection:** If Source Inspection is required as specified on the Purchase Order, the Seller shall notify Buyer no less than ten (10) days prior to manufacturing product, to allow sufficient time for travel to Seller's manufacturing site.
- 14. External Calibration Provider:** Seller shall furnish certificate of calibration traceable to NIST standards. If required, test data based on the condition of equipment "as found/received" and "after calibration" shall be provided.
- 15. Work Transfer / Subcontracting:** The Supplier shall not subcontract or transfer any work to be conducted in the completion of this purchase order, without prior written authorization from Resonant Sciences.
- 16. Sub-Tier Flow-Down Requirements:** Supplier agrees to "Flow-Down" to their sub-tier suppliers the applicable requirements of this purchase order, and acknowledges the terms of this order may be requirements of Resonant Sciences' customer/end-user of the product, and Seller shall, upon request, provide evidence of systems in place to control their supply chain by "flow-down" of the requirements of this order, as required, to their own suppliers / subcontractors.
- 17. Supplier Rating:** Supplier On-Time Delivery and Quality Rating System will be utilized by Purchaser. Our expectation is 100% OTD and 100% compliance with order requirements including documentation/packaging.
- 18. Foreign Object Debris (FOD) Program:** A FOD program shall be in place for the prevention, detection, and removal of foreign objects. This is applicable to AS9100 certified suppliers.
- 19. Specialty Metals:** Supplier agrees to provide metal produced, sourced or melted domestically within the United States as mandated by the Defense Federal Acquisition Regulation Supplement DFARS 252.225-7008.



**20. Conflict Minerals:** Supplier agrees to Section 1502 of the Dodd-Frank Wall Street Reform and Consumer Protection Act, and the Securities and Exchange Commission Rules adopted in connection therewith, require certain corporations to report the use of “Conflict Minerals” in the manufacture of their products. Generally, Conflict Minerals collectively refers to Tantalum, Tin, Tungsten and Gold (3TG), and variations thereof, which originate from the Democratic Republic of the Congo or specified adjoining countries.