1440 S. ALLEC ST.
ANAHEIM, CA 92805

SI MANUFACTURING
SUPPLIER QUALITY REQUIREMENTS

SUPPLIER QUALITY SYSTEM

1 Unless other specified in the body of this purchase order (PO) or modified by additional SQR call-outs, all product supplied for this PO shall be in accordance with the applicable MIL-SPEC, drawing, specification, vendor catalog or vendor spec sheet listed on this PO or inferred by the usage of a vendor catalog/spec sheet part number. In the absence of specific requirements, all product supplied shall be manufactured or performed, inspected, tested and packaged to assure conformance with the item or service description listed on the PO. The equipment used for test/inspection of product provided against this PO must be in calibration traceable to national standards per ISO 10012-1 at the time of use. Records needed to show compliance with SIMFG Purchase Order requirements shall be legible, identifiable, and retrievable for 7 yrs minimum, and shall be provided to SIMFG upon request.

2 **SOURCE INSPECTION**

2A SI Manufacturing source inspection is required prior to shipment from your facility. Make source inspection requests through SI Manufacturing purchasing.

2B Government source inspection is required prior to shipment from your facility. Upon receipt of this order notify the government quality representative who normally services your facility. If the representative of the government inspection office cannot be located the buyer should be notified immediately.

3 **WORKMANSHIP (Fabricated items only)**

Supplied product shall exhibit good workmanship. It shall be consistent, free of tool marks, scuffs, dings, dents, scratches, and uneven finishes. It shall exhibit uniform color and texture, be legible, even, and squared off as applicable.

4 **CERTIFICATE OF COMPLIANCE**

Certificate of compliance with the purchase order shall be included with each shipment. Certification shall show compliance with any specifications noted in the part number or description on the PO and include certifications back to original MFR, if it is not the supplier.

5 **FIRST ARTICLE (Fabricated items only, first time supplied to SIMFG)**

A First Article Inspection is to be performed and delivered with or prior to, the first lot of material. The part used for the first article shall be identified. Certifications for all materials and processes required by the drawing shall be provided. Variables data for all drawing specified tests/measurements will be supplied with the first article.

5A **FIRST ARTICLE AS9102 (Fabricated items only, first time supplied to SIMFG)**

A First Article Inspection is to be performed iaw AS9102 (latest rev) and delivered with or prior to, the first lot of material. The part used for the first article shall be identified. Certifications for all materials and processes required by the drawing shall be provided. Variables data for all drawing specified tests/measurements will be supplied with the first article. FAI is required for first time item supplied or when a change in requirement (drawing), material, or process has occurred or as otherwise called out in PO.

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6 **INSPECTION/TEST DATA (Printed Circuit Boards only)**

Seller shall submit with each shipment a legible report of all inspections/tests required by the purchase order, drawing, specification, or MIL-SPEC's. This data shall include as a minimum:

- •Purchase order number
- •Part number
- •Revision letter
- •Lot/date code and S/N as applicable
- •Characteristics tested/inspected
- •Sample size if less than 100%
- •Date of test/inspection
- •Signature/stamp of seller's test/inspection
- •Qty accepted/ qty rejected by characteristic

7 **FOREIGN OBJECT DAMAGE PREVENTION**

To help prevent Foreign Object Damage at SIMFG, delivered products will be free of Foreign Objects. That is any material, contaminant, dirt, etc. that is not specifically part of the product or is part of the product but located other than where specifically required.

8 **PRODUCT CHANGE APPROVAL (Manufacturer only)**

Without prior written approval from the buyer, the seller shall not make any changes in product design, composition, materials, or fabrication methods that adversely affect the form, fit or function of the item being procured.

9 **AGE CONTROL (Shelf Life sensitive items only)**

For items whose acceptability is limited by the age of the item the seller shall have an effective system for age control. Shelf-Life sensitive items shall not be shipped against this PO unless at least 2/3 of their shelf life remains at the anticipated date of receipt at SIMFG.

10 **SOLDERABILITY (For all solderable items, wire, terminals, components, PCBs etc.)**

Unless otherwise stated on the part specification the items supplied on this purchase order shall meet the solderability requirements of J-STD-001.

11 **ESD HANDLING AND PACKAGING (For ESD sensitive components or PCAs with ESD sensitive components installed only)**

Product shall be handled and packaged in accordance with accepted industry practices. Additionally, Pink Poly bags, if used, shall NOT be the only packaging used to protect electronic components/assemblies from electrostatic discharge.

12 **RAW MATERIALS (Manufacturer only)**

Raw materials to be used in fabrication or processing of products shall conform to the applicable physical, chemical and any other technical requirements. Laboratory testing shall be employed as necessary for verification at the discretion of vendors' quality assurance.

13 **SPECIALTY METALS**

Use of specialty metals shall be compliant with DFARS 252.225-7003, DFARS 252.225-7008, DFARS 252.225-7009. Any specialty metals (as defined within these clauses) included in any articles delivered under this purchase order must comply with these clauses, and you must flow down the aforementioned clauses to all of your vendors supplying any articles, containing specialty metals, delivered under this purchase order.

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14 COUNTERFEIT MATERIAL AVOIDANCE

If the supplier is not the Original Component Mfr (OCM), supplier shall purchase material directly from the OCM or from an Authorized OCM distributor. In either of these cases, supplier shall provide original C of C from the OCM and records providing unbroken supply chain of custody traceability. Suppliers shall obtain approval from SIMFG if items required to satisfy this order cannot be procured from these sources. Supplier shall provide support for any such requests.

Supplier is not authorized to deliver any item procured from other than OCMs, or their authorized distributors without prior written authorization from the SIMFG buyer.

Supplier shall maintain a Counterfeit Item Risk mitigation process using AS5553 as a guide.

Supplier shall provide evidence of Suppliers risk mitigation process to SIMFG upon request.

Supplier shall participate in Government Industry Data Exchange program (GIDEP) monitoring and acting on GIDEP reports which affect product delivered to SIMFG in support of POs citing this SQR.

Supplier shall immediately notify SIMFG if supplier becomes aware that suspect or confirmed counterfeit item (s) has been delivered to SIMFG in accordance with this PO.

15 REACH COMPLIANCE

Supplier represents, warrants, certifies and covenants that none of the goods supplied under this Purchase Order contain any substances listed on the candidate list of the REACH legislation. For more information on REACH go to: http://echa.europa.eu/regulations/reach/understanding-reach

16 MILITARY ORDERS CLAUSES

The seller shall:

16A Assure that personnel are aware of their contribution to product or service conformity, and product safety and of the importance of ethical behavior.

16B Notify SIMFG of nonconforming product, and obtain SIMFG approval of nonconforming product disposition,

16C Notify SIMFG of changes in product and/or process, changes of suppliers, changes of manufacturing facility location and where required, obtain SIMFG approval,

16D Grant right of access to SIMFG, their customer and regulatory authorities to the applicable areas of all facilities, at any level of the supply chain involved in the order and to all applicable records,

16E Flow down to the supply chain the applicable requirements including customer requirements,

16F Maintain records and require suppliers to maintain records pertaining to this PO for seven (7) years and make them available to SIMFG upon request.

16G When US Government property is utilized in performance of PO, FAR 52.245-1 is hereby incorporated.

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17 SPACEX ORDERS CLAUSES

The seller shall:

17A Be aware that this order is FOR SPACEX USE

17B Provide documentation showing full traceability from original manufacturer to SIMFG including each supplier in between of parts detailing the characteristics, original manufacturer name, original manufacturer part number, serial/lot number, and shelf life (if applicable).

17C For SpaceX designated items, inspect, and provide discrete data for each drawing characteristic on 100% of the parts supplied or as specified in SpaceX approved sample plan.

17D Metallic Materials – When fabricating SpaceX-designed hardware, use metallic raw material sources as detailed in SPX-00035640, Acceptable Mills & Preferred Distributors, available from the buyer at the time the PO is released.

17E For all SpaceX-designed parts, special processes – as well as certain additional processes not typically categorized as "special" – are source controlled, and shall be performed by a SpaceX approved vendor. All source controlled processes and approved suppliers can be found in the Approved Supplier List. The Seller shall obtain the latest revision from buyer at the time PO is released.

17F Have a documented process to maintain trace of product & services, constituent parts, special processes, and material through all stages of production, processing and distribution.

17G Assure that personnel are aware of their contribution to product or service conformity, and product safety and of the importance of ethical behavior.

17H Notify SIMFG of nonconforming product, and obtain SIMFG approval of nonconforming product disposition,

17I Notify SIMFG of changes in product and/or process, changes of suppliers, changes of manufacturing facility location and where required, obtain SIMFG approval,

17J Grant right of access to SIMFG, their customer and regulatory authorities to the applicable areas of all facilities, at any level of the supply chain involved in the order and to all applicable records,

17K Flow down to the supply chain the applicable requirements including customer requirements,

17L Maintain records and require suppliers to maintain records pertaining to this PO for seven (7) years and make them available to SIMFG upon request.

18 CYBERSECURITY INTERIM RULE

To the extent supplier is subject to NIST SP 800-171 security requirements in accordance with DFARS 252.204-7012, supplier represents that it has (1) completed within the last 3 years and will maintain at least a current basic NIST SP 800#171 DOD assessment for all covered contractor information systems related to its business with SI Manufacturing, Inc that are not part of an information technology service or system operated on behalf of the government and (2) submitted or will submit to the government for posting to the US government's Supplier Performance Risk System (SPRS), the information required by paragraph (d) of DFARS 252.204-7020 prior to accepting this order from SI Manufacturing, Inc. Supplier will flow down the substance of this clause, including this paragraph (g), in all subcontracts and other contractual instruments, including subcontracts for the acquisition of commercial items (excluding COTS items).

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19 **CODE OF CONDUCT AND ETHICS**

All suppliers are required to follow the portion of the SIMFG Code of Conduct and Ethics shown here.

Suppliers will conduct its business at all times in a Legal, Honest, and Fair manner consistent with the industry standards. The words “Legal”, “Honest”, and “Fair” as used herein carry the broadest possible meaning and are intended to include compliance with all relevant rules, laws and universally acceptable behavior regarding:

Quality
Counterfeit Parts
Environmental, Health and Safety
Competition on the Merits
Anti-Corruption/Fair Competition/Anti-Trust
Insider Trading
Conflicts of Interest
International Trade Compliance
Government Procurement
Information Protection
Security of Supply Chain
Cybersecurity
Accuracy of Records and Submissions
Non-Discrimination
Harassment
Child Labor
Human Trafficking
Wages & Benefits
Substance Abuse
Business Partners
Code Compliance