Quality Clause	Title	Requirements
QC01	Quality System	Supplier shall establish and maintain a Quality Management System (QMS) in compliance with PSE Document 1010 latest revision for the products and / or services provided under this purchase order or Statement of Work.
QC02	Requirements (Specifications, DWG's, Standards)	Products and / or services provided shall be in full compliance with specifications, standards, and drawings referenced on this purchase order or Statement of Work. The most recent specifications, standards, and drawings shall be used unless otherwise stated on the purchase order or Statement of Work.
QC03	Supplier Drawing	When PSE specification states PSE approval of a supplier drawing is required, the supplier must obtain approval prior to utilization of the drawing. A record of PSE's approval is to be maintained at supplier and made available upon request.
QC04	Change Management / Notification	Supplier is to notify PSE of changes to: • Supplier Quality Management System • Product design • Manufacturing processes that affect form, fit, and / or function of product • Manufacturing facility location • Key personnel And, where required, supplier shall obtain PSE approval. Distributers shall notify PSE of any known changes to OEM / Manufacturers' parts / materials at the time of order placement, or for any open order.
QC05	Product Serialization	When specified by drawing, specifications, and purchase order, all products and / or their subcomponents shall have unique serial numbers assigned. Supplier shall maintain traceability throughout production and record on all pertinent documentation.
QC06	Certification of Conformance (CoC)	A certification is required, stating that all of the products or services meet the purchase order, Statement of Work, and contract requirements. The certification must list the part number(s) and all the applicable specifications, standards, and drawings including the revision levels. Applicable test and inspection report data to be submitted with the CoC. If products and / or subcomponents (in subassembly) are provided from a distributer, the distributer shall be approved and full traceability back to the original manufacturer shall be established. Original manufacturer's certification of conformance shall be made available upon request.

Quality Clause	Title	Requirements
QC07	First Article Inspection Report (FAIR)	A First Article Report is required to be completed by supplier. The report shall specify compliance with all applicable specifications, standards, and drawing including revision levels. Applicable test and inspection report data to be submitted with the CoC. A FAIR is required when any of the following applies: • First time delivery • Drawing revision change (only data for the changed characteristic is required to be reported) • A significant process change that affects form, fit, or function of product. • New supplier Supplier to submit FAIR per PSE Procedure 821. Supplier may use its own format for FAIR if it contains all required information outlined in PSE Procedure 821.
QC08	Inspection & Measuring Tools / Equipment	Measuring tools and test equipment shall be calibrated in accordance with ANSI / NCLSL Z540-1 or ISO 10012-1 and traceable to NIST. The calibration subcontractor shall be accredited to ISO17025. A certification of calibration and / or record of calibration shall be available and provided when requested by PSE. Measuring and test equipment used for products acceptance / inspection must be controlled and traceable to calibration source.
QC09	Subcontractor Flow Down & Requirements	The supplier shall flow-down all applicable PSE purchase order requirements, including, but not limited to the latest specifications, standards, drawings, and PSE Supplier Quality Requirements to their subcontractor / vendor performing work or producing products. Flow-down of any change in products or processes is required when applicable. When any process or products are procured from subcontractors or vendors, supplier is responsible for assuring all inspections, tests and calibration necessary to substantiate that the products or services furnished conform to PSE purchase order are performed. Records of conformance shall be maintained on file at the supplier's facility and made available or provided for review by PSE upon request.
QC10	Product Identification	Supplier is to identify products in accordance with applicable PSE specifications, drawings, and purchase order, or Statement of Work requirements.

Quality Clause	Title	Requirements
QC11	Non-conformance / Corrective Action	No known non-conformance shall be shipped without prior written authorization from PSE. Supplier shall notify PSE of non-conforming products, processes, or services and obtain PSE approval for their disposition. If non-conforming product is found by the supplier after shipment is made the supplier shall notify PSE within two business days of the discovery. The supplier shall provide a corrective action report to PSE in accordance with PSE Procedure 815 when requested by PSE.
QC12	Counterfeit Prevention	Supplier shall establish and implement a process for avoidance, detection, mitigation and disposition of counterfeit parts. Supplier shall communicate (flow-down) this requirement to its subcontractors / vendors and assure their compliance. When supplier sources products through a manufacturer, the manufacturer shall be PSE approved. Full traceability back to the original manufacturer must be demonstrated when requested.
QC13	Packaging Protection & Package Labeling	Supplier to package products per PSE Standard 1000.1000, in a manner that will protect products from any kind of damage, deterioration, and contamination. No metal to metal contact is allowed. In some cases, product specification or purchase order may provide more specific requirements regarding product packaging; these requirements takes precedence in case of conflict with PSE Standard 1000.1000 requirements.
QC14	Control & Monitoring Performance	Supplier must maintain a Quality Level ≥ 96%. Quality Level is measured by tracking supplier rejection rate, supplier timely response to requested corrective actions, and supplier corrective action effectiveness. PSE will monitor supplier quality performance and trending. Reports will be issued as necessary. Under-performing suppliers may be issued corrective action requests to address causes contributing to unacceptable ratings.
QC15	Right of Entry	PSE, its customers, and regulatory and statutory personnel including government representatives shall, with suitable notification, have access to verify at the supplier facilities, or supplier's subcontracting premises, that the supplier and its subcontractor processes, products, procedures and records that are applicable to PSE confirm to all specified requirements.
QC16	Record Retention & Disposition	As a minimum, supplier is to retain records for at least 25 years from the date of shipment for all products unless otherwise specified in the purchase order or Statement of Work. Record shall be made available to PSE for review upon request. After the minimum retention period is achieved, supplier may disposition the record as archive or destroy at their discretion.

Quality Clause	Title	Requirements
QC17	Shelf Life	For shelf life items, supplier shall provide information regarding the recommended storage condition, shelf life, expiration dates, date of manufacturing. MSDS sheets to be provided when applicable.
QC18	Proprietary Information	Supplier shall hold all PSE specifications, standards, drawings, sketches, and any electronic data sets confidential. Distribution shall be restricted to necessary subcontractors and vendors as required for the performance of work on PSE purchase order or Statement of Work.

Document Revision History

Version #	Effective Date	Change / Action
1	11/10/2020	Initial Release
2	1/4/2021	Changed "Classification" type to Public