

Clause	Description
Q001	Government Quality Assurance is a requirement of this procurement. Seller shall promptly make arrangements with the Government representative who normally services his facility so that GQA can be accomplished.
Q002	Government Quality Assurance is a requirement of this procurement. Seller will be notified by the Technical Services Section; Canadian Defense Liaison Staff, at 1 Grosvenor Square, London, England, W1X OAB, concerning the Government agency with whom Seller shall make arrangements for the accomplishment of Government Quality Assurance.
Q003	Government inspection is required prior to shipment of item(s) from your facility. Seller shall upon receipt of this procurement, promptly notify the Government Representative who normally services your facility so that appropriate planning for Government inspection can be accomplished. Seller upon receipt of this procurement, shall promptly furnish a copy of the procurement contract to the Government Representative who normally services your facility, or if none, to the nearest Army, Navy, Air Force or Defense Supply Agency Inspection office. In the event the Representative or office cannot be located, Buyer procurement agent should be notified immediately.
Q004	Seller shall provide with each shipment of (metallic) material, authenticated quantitative test reports, showing the degree of compliance with applicable specification regarding physical property test results, together with certification of chemical composition. The Seller shall retain all documents supplied to the Buyer for a period of 10 years.
Q005	Seller shall provide with each shipment of (non-metallic) material, authenticated quantitative test reports, showing the degree of compliance with applicable specifications. The Seller shall retain all documents supplied to the Buyer for a period of 10 years
Q006	Seller shall provide a "Certificate of Compliance" with each shipment of parts under this procurement, signed by a legally authorized representative of the Seller's organization, stating the following: - Part number and quantity; - Buyer's Purchase Order or Subcontract number; - Part Revision for revisionable part(s); - Materials supplied on this procurement meet applicable drawings and specifications. Documentation is on file to support this, and is subject to Buyer examination upon request. The Seller shall retain all documents supplied to the Buyer for a period of 10 years
Q008	Seller shall supply radiographic films with each shipment of items on this procurement from a laboratory certified in accordance with ASTM E1742. The Seller shall retain all documents supplied to the Buyer for a period of 10 years. NOTE: Radiographic techniques must be submitted to Buyer for approval.
Q009	Seller shall supply two copies of its laboratory certification for radiographic techniques to Buyer . The Seller shall retain all documents supplied to the Buyer for a period of 10 years.
Q010	This procurement will require Buyer's Quality Assurance to accept and release the shipment. Buyer's Quality Assurance has the right of access to verify the quality of all materials non-proprietary processes and services included in this procurement at the Seller's facility. Seller shall notify Buyer at least seventy-two (72) hours in advance of the time that part(s) will be ready for source verification or acceptance.
Q012	Buyer Quality Assurance shall verify/witness inspection or operation points in the suppliers manufacturing process. Buyer's Quality Assurance has the right of access to verify the quality of all materials non-proprietary processes and services included in this procurement at the Seller's facility. Seller shall notify Buyer at least seventy-two (72) hours in advance of the time that part(s) will be ready for MIP verification.
Q014	Seller shall clearly identify those items that have a specific shelf life and any necessary storage conditions. The date of the manufacture and date of expiry must be visibly marked on the item, or included in accompanying document. Not more than ten percent (10%) of the shelf life shall have elapsed at the time of receipt by Buyer . Alternatively, the Seller shall provide a shelf life (or warranty period) from the date of shipment. In this case, the shelf life (or warranty period) shall be visibly marked on the item, or included in accompany documentation. The Seller shall provide Safety/Hazard Data Sheets with the first shipment of material requiring any special handling. The Seller shall retain all documents supplied to the Buyer for a period of 10 years.

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Q015	This procurement is for Qualified Products. Seller must provide documentation, which identifies the Qualified Source from which parts originated (i.e., Manufacturer's name and or Cage Code number). The Seller shall retain all documents supplied to the Buyer for a period of 10 years. NOTE: Manufacturer's Name must appear on documentation and/or parts as applicable.
Q016	The Government reserves the right to inspect any or all materials included in this procurement at the Seller's facilities.
Q017	All work on this order is subject to inspection and test by the Government at any time and place. The Government Quality Representative who has been delegated NASA Quality Assurance functions on this procurement shall be notified immediately upon receipt of this order. The Government Representative shall also be notified forty-eight (48 hrs) in advance of the time articles or materials are ready for inspection or test, and supplier shall make available any documentation to perform inspection or test.
Q019	All parts and materials supplied under this procurement <u>will be verified /inspected</u> by the Buyer's Quality Department upon receipt, before final acceptance.
Q021	The Seller's calibration system used in the performance or verifying the compliance of all test equipment under this purchase order shall meet the requirements of ISO 10012 / ISO 17025. A Calibration Certificate shall be supplied under this procurement which indicates readings taken before and after calibration, along with extent of adjustments made. If on receipt the readings are outside of the instrument's measurement tolerance, Buyer shall be notified immediately. <u>If repair is required such that readings cannot be taken before calibration, then the certificate shall so state this and the Test Equipment shall be identified with a colour tag.</u> The Calibration Certificate must be signed by the facilities authorized inspector stating that the standards used to obtain readings are traceable to the Canadian Standards Association (CSA), The National Institute of Standards and Technology (NIST) or recognized international standards. The Seller shall retain all documents supplied to the Buyer for a period of 10 years.
Q022	Seller must ensure that packaging of items on the Buyer's procurement is sufficient to prevent any corrosive damage or any physical damage caused by shipping/handling.
Q023	The Seller's calibration system used in the performance of verifying the compliance of all test equipment under this purchase order shall meet the requirements of ISO 10012 / ISO 17025. A Calibration Certificate signed by the Seller's authorized inspector shall be supplied with the equipment under this procurement. The certificate shall include all points of calibration and must state that the standards used to obtain readings are traceable to either the Canadian Standards Association (CSA), the National Institute of Standards and Technology (NIST) or recognized international standards. The Seller shall retain all documents supplied to the Buyer for a period of 10 years.
Q025	Buyer's Quality Assurance will perform source surveillance at Seller's facilities during the manufacture and/or test of items to be furnished on this procurement. Buyer's Quality Assurance has the right of access to verify the quality of all materials nonproprietary processes and services included in this procurement at the Seller's facility. Surveillance will be scheduled by Buyer and coordinated with Seller .
Q026	Seller shall not make any changes in product design, material, processing (including cleanliness requirements) or in fabrication method without prior approval in writing by the Buyer . The Seller shall also not make any change in purchased parts (i.e. off the shelf items) utilized in the fabrication of items on this procurement without prior written approval by the Buyer .
Q028	Seller shall provide with each lot or batch of parts under this procurement authenticated original test reports, showing the degree of compliance with applicable physical, chemical, metallurgical and mechanical requirements. The reports shall accompany the parts, and shall not be shipped separately. Associated certification data shall be traceable to the original manufacturer by lot or batch number. The original manufacturers name and lot or batch number must be identified on the packaged parts and all documents provided with the parts. The Seller shall retain all documents supplied to the Buyer for a period of 10 years.
Q029	Seller shall provide and maintain a Quality Assurance Program, which is in conformance with Military Specification MIL-Q-9858, AS 9100 or ISO 9001:2000.
Q030	Seller shall provide and maintain a Quality Control Inspection System that is in conformance with Quality Inspection System Standard MIL-I-45208A, AQAP-4.

Clause	Description
Q031	Seller shall provide and maintain a Calibration Control System that is in conformance with Military Specification ISO 10012 / ISO 17025.
Q040	Seller shall provide and maintain a Product Assurance Program that is in conformance with the Buyer's document SPAR-SSSG-1008 or SPAR-SS-SG-3015.
Q042	Seller must ensure that all items on this procurement are traceable to <u>source of origin</u> by lot/batch number or date code. Source of origin traceability must be reflected on release documentation or on the item package label to Buyer.
Q043	For use in Manned Space Flight, materials, manufacturing and workmanship of the highest quality standards are essential in order to ensure Astronauts safety.
Q044	If the Seller is able to supply the desired items with a quality that is higher than that of the items specified or proposed, the Seller is requested to bring this fact to the immediate attention of the Buyer. Seller is required to insert this requirement in all subcontracts to the lowest tier.
Q045	Seller shall not use Pure Tin Plating, Zinc or Cadmium processes on part(s) or assemblies supplied on this procurement. Only parts containing alloys with less than 97% tin are acceptable, and all cadmium alloys or zinc alloys (e.g. brass) must be completely over plated with an approved metal.
Q051	The devices to be furnished under this procurement are considered by the Buyer to be susceptible to damage from electrostatic discharge. The Seller shall take the necessary precautions whilst handling and packaging the deliverable product to prevent damage. The device leads shall be electrically shorted together by non-corrosive conductive foam or other suitable methods. The deliverable devices shall be encased in electrically conductive/static dissipative packages, tubes, carriers or conductive bags for shipment. The packaging must be labeled to indicate that it contains electrostatic sensitive parts.
Q052	Seller shall provide a "Certificate of Compliance" with each shipment of parts under this procurement, signed by a legally authorized representative of the Seller's organization, which specifically states that each microcircuit has passed testing per MIL-PRF-38535, for Class B/Q or S/V. The Seller shall retain all documents supplied to the Buyer for a period of 10 years. NOTE: Complete screening test data for each microcircuit is acceptable in lieu of the Certification of Compliance.
Q060	Seller shall perform "First Article Inspection" on a randomly selected piece of each part number produced. The actual measurements of each characteristic generated shall be recorded. All drawing notes shall be verified. Seller shall identify the method of inspection/verification used and forward a completed copy of the "First Article Inspection" Report, with the initial shipment of each part number to Buyer. The Seller shall retain all documents supplied to the Buyer for a period of 10 years.
Q062	The Items supplied on this purchase order shall be delivered marked with the suppliers Serial Number, unless an MDA serial number has been provided in the Purchase Order notes. The supplier's serial number shall be unique to the Item Number and have the recommended following format: The first three letter of the supplier name – job number – sequential unique number. The serial number(s) of items supplied on this procurement shall be referenced on Seller's release documentation, i.e.(C of C, test reports, packing slip, etc.).
Q063	Seller shall provide Certified Inspection Data that include dimensional inspection results, and/or test results, process certifications, material certifications etc. for verification to drawings and specifications by Buyer QA. The Seller shall retain all documents supplied to the Buyer for a period of 10 years.
Q066	Seller shall develop a "Lot by Lot" Inspection Plan for each part number to be fabricated on this procurement and submit Plan to Buyer for approval prior to use. Seller shall use this plan to verify characteristics of the finished part to Buyer drawings and specifications. A completed "Lot by Lot" inspection report must accompany each lot of parts shipped to Buyer. The Seller shall retain all documents supplied to the Buyer for a period of 10 years.

Clause	Description
Q067	Seller must ensure that all In-Process handling procedures are sufficient to ensure protection of the item(s) from handling damage during manufacturing, assembly and test.
Q068	Seller shall provide a "Certificate of Compliance" with each shipment of software under this procurement, signed by a legally authorized representative of the Seller's organization and stating the following: i) CSCI number; ii) Brief description of CSCI; iii) Buyer's purchase order or subcontract number; iv) Software provided on this procurement meets applicable requirements The Seller shall retain all documents supplied to the Buyer for a period of 10 years.
Q070	Seller shall provide to Buyer Test/Inspection Data as follows: (i.e. Screening, DPA/PIND, etc.) a) Inspection measurements and/or electrical test data reflecting the requirements of the applicable drawings and specifications shall be recorded and included with the shipment. b) When applicable, Group test data and/or screening data in accordance with the applicable specifications must be furnished for each shipment of parts against the purchase order. The Seller shall retain all documents supplied to the Buyer for a period of 10 years.
Q071	Seller shall have an electrostatic discharge control program for any activity that designs, tests, inspects, services, manufactures, processes, assembles, installs, packages, labels or otherwise handles electrical or electronics parts susceptible to damage caused by static electricity in accordance with MIL-STD-1686, ANSI/ESD S20.20 and Handbook MIL-HDBK-263A.
Q072	Article procured under this control shall be subject to identification with a Program Specific Sticker or an MDA tag and CP sticker by Material Support Operator (Receiving) upon receipt at MDA. Photographs shall be taken of Items as received upon receipt and attached to receiving documentation.
Q075	Seller shall provide to the Buyer the documents (i.e. Inspection/Test Reports, Operating Time Cycle Record, Drawings, Deviations/Waivers, Non-conformance Reports, etc.) as per contract (SOW) to be deliverable with hardware. The Seller shall retain all documents supplied to the Buyer for a period of 10 years.
Q076	Seller shall ensure that the hardware is double bagged. Desiccant and Humidity indicator shall be placed in the outer bag. The inner bag shall be zip locked. The outer bag shall be sealed.
Q077	Mechanical parts supplied under this procurement are subject to testing by Buyer's Product Assurance Engineer
Q078	The Seller shall perform 100% inspection of critical/key characteristics identified on applicable engineering documents. The Seller shall record actual measurements and supply a Critical Characteristic Inspection Report to the Buyer with the shipment of hardware. The report shall be legible and shall be validated by an authorized Seller's representative, by either an inspection stamp or signature and title. The Seller shall retain all documents supplied to the Buyer for a period of 10 years.
Q081	Seller must ensure all pieces for each item shall be from the same inspection lot and be of the same data code of manufacture. Partial shipments will not be accepted.
Q082	Seller must ensure the date of manufacture (lot) codes of all components covered by this purchase order shall not be older than 36 months at the time of delivery without permission from the Buyer.
Q084	Documentation shall include the identification of the parts by: a) Manufacturer part number; b) Buyer's drawing number, dash number, and revision level; c) Mil-spec part number for Mil-spec part; d) Purchase order number; e) Quantity; f) Date code or inspection lot number (or batch number); g) Manufacturer's name; h) A certificate of conformance signed by the head of quality control (or other cognizant authorized company official) above; i) Shelf life (if applicable); j) Serial number (if applicable). The Seller shall retain all documents supplied to the Buyer for a period of 10 years.

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Q085	Seller shall provide a Manufacturing Flowchart/Plan to the Buyer prior to the commencement of manufacturing activities, so that the Buyer may assign QA "Mandatory Inspection Point" to the Manufacturing process flow.
Q087	Seller shall notify the Buyer's Quality Assurance when articles and material do not conform to Buyer's drawing/specification requirements. Seller must ensure that a Material Review Board (MRB), as per contract, is held with the participation of Buyer's Quality Assurance, to disposition nonconforming articles and material.
Q088	In accordance with Federal Acquisition Regulation Clause 52.245-1 subparagraph (vi)(A), "Loss, damage, destruction or theft", the vendor shall investigate and furnish a written narrative of all incidents of loss, damage, destruction or theft to buyer as soon as the facts become known or when requested by the Buyer . Such reports shall, at a minimum, contain the following information: 1) Date of the incident ; 2) The name, commercial description, manufacturer, model number, and national Stock Number(if applicable); 3) Quantity; 4) Unique Item Identifier (if available); 5) Purchase Order number; 6) Cause and Corrective action taken to prevent recurrence; 7) Copies of all supporting documentation; 8) Last known location
Q089	Seller shall ensure that in accordance with the Electricity Act, 1998/Ontario Regulation 438/07 , the Electrical Product(s) or Device(s) that will be connected to a source of power and is supplied under this purchase order has been deemed approved by a "Certification Body" or a "Field Evaluation Agency" accredited in accordance with the Standards Council of Canada Act to evaluate Electrical Products/Devices and recognized by the authority, as defined under the Ontario Regulation 438/07 . If the Electrical Equipment consists of or incorporates a component or components that are deemed to be approved under Ontario Regulation 438/07, the Electrical Equipment is not deemed to be approved unless the whole Electrical Equipment as assembled, is deemed to be approved according to the process set out in Ontario Regulation 438/07 . Seller shall ensure that all supplied Electrical Equipment/Products/ Devices bear an approval label, approved for use in either Ontario or Canada , affixed to the product or device which identifies the Electrical product or device as certified for use in Canada.
Q090	Seller shall not perform Electrical Discharge Machining (EDM) on fracture critical parts. The drawing for any given part will indicate if the part is fracture critical or not. EDM is permitted on non-fracture critical parts, but the specific EDM process must be qualified with a sample test piece before any production parts are machined. When the Seller intends to use EDM, MDA will provide the detailed requirements for the EDM sample test piece.
Q091	All test data delivered under this procurement shall be verified and approved by the Buyer's EEE or Mechanical parts Engineer upon receipt, prior to final acceptance.
Q092	Seller shall provide "Certified Inspection Data" that include dimensional inspection results, and/or test results, process certifications, material certifications etc., PRIOR to each shipment of parts, for verification to drawings and specifications by Buyer QA . The report shall be legible and shall be validated by an authorized Seller's representative, by either an inspection stamp or signature and title. The Buyer QA will review that data and authorized shipment of the parts. Final acceptance of all parts and materials will be upon receipt verification by the Buyer . The Seller shall retain all documents supplied to the Buyer for a period of 10 years.
Q093	Seller shall provide Certified Inspection Data that include material certification, test results, process certifications and dimensional inspection results with each shipped part. 100% inspection of all features on the annotated drawing and drawing notes on all parts is mandatory unless a sampling inspection is specified on the purchase order. The Seller shall retain all documents supplied to the Buyer for a period of 10 years.
Q094	(1) The article(s) provided to the Seller under this purchase order are U.S. Government Property (e.g. any material and/or equipment). Seller shall have a system of internal controls to manage (control, use, preserve, protect, repair and maintain) U.S. Government property in its possession. The system shall be adequate to satisfy the requirements of Federal Acquisition Regulations (FAR) Clause 52.245-1, Government Property. In doing so, Seller shall initiate and maintain the processes, systems, procedures, records, and methodologies necessary for effective and efficient control of U.S. Government property. (2) Seller's responsibility extends from the initial acquisition and receipt of property under this PO, through stewardship, custody, and use until formally relieved of responsibility by authorized means, including delivery, consumption, expending, sale (as surplus property), or other disposition, or via a completed investigation, evaluation, and final determination for lost property. This requirement applies to all U.S. Government property under Seller's accountability, stewardship, possession or control, including its sub-tier vendors.
Q095	Seller shall provide the Buyer with the name of the raw material supplier prior to commencing work. The Buyer must approve all suppliers of titanium (any form) and aluminum (extrusions only) prior to use on MDA purchase orders.

Clause	Description
Q096	The Seller shall retain all documents supplied to the Buyer for a period of 10 years.
Q097	Seller agrees to hold confidential any and all information which it receives from Buyer or through its association with Buyer under this PO/quote, and shall not divulge or use such information for its own benefit or for any other person or company unless the prior written permission of Buyer is obtained. Seller acknowledges that any invention or process developed by using MDA information, will be the property of MDA. This covenant shall survive termination of the PO. Seller also agrees to execute such further documentation as MDA may reasonably require from time to time to evidence the above undertakings.
Q098	Items received under this Purchase Order are to be identified as inventory and marked as Canadian Government Property and received into project Flight or Non-Flight stores as applicable.
Q099	(1) The article(s) provided to the Seller under this purchase order are Canadian Government Property (e.g. any material and/or equipment). Seller shall have a system of internal controls to manage (control, use, preserve, protect, repair and maintain) Canadian Government Property in its possession. Seller shall initiate and maintain the processes, systems, procedures, records, and methodologies necessary for effective and efficient control of Canadian Government Property. (2) Seller's responsibility extends from the initial acquisition and receipt of property under this PO, through stewardship, custody, and use until formally relieved of responsibility by authorized means, including delivery, consumption, expending, sale (as surplus property), or other disposition, or via completed investigation, evaluation, and final determination for lost property. This requirement applies to all Canadian Government Property under Seller's accountability, stewardship, possession or control, including its sub-tier vendors.
Q100	Seller shall provide with each lot or batch of parts under this procurement authenticated original pull test reports. Associated certification data shall be traceable to the original manufacturer by lot or batch number. The original manufacturer's name and lot or batch number must be identified on the packaged parts and all documents provided with the parts. The Seller shall retain all documents supplied to the Buyer for a period of 10 years.
Q101	The Seller shall plan, implement and control processes, appropriate to the organization and the product, for the prevention of counterfeit or suspect counterfeit part use and their inclusion in products delivered to the Buyer. The methodology of SAE AS5553 (electronics parts) and/or SAE AS6174 (mechanical parts) may be used as an implementation guide.
Q102	The Seller shall not engage in any form of corruption, bribery, anti-competitive agreements or other unfair business practices. Appropriate action shall be taken for any instances of infraction of employees' compliance with these principles.
Q103	The Seller shall plan, implement, and control the processes needed to assure product safety during the entire product life cycle including, but not limited to, the product during manufacturing, testing, storage, handling and transportation. The safety of the personnel, test equipment, fixture, and environment shall also be considered.
BURLI	SHIP VIA - BAX GLOBAL - UNINSURED - COLLECT CANADIAN ACCOUNT - 443 722 241 U.S. ACCOUNT - 643 804 696
CFE	THE SELLER SHALL NOT TRANSFER TO A THIRD PARTY MDA FURNISHED EQUIPMENT, TOOLING, MATERIAL AND/OR HARDWARE ITEMS WITHOUT PRIOR WRITTEN AUTHORIZATION FROM MDA. THE SELLER SHALL MAINTAIN CONTROL OF ALL MDA FURNISHED EQUIPMENT, TOOLING, MATERIAL AND/OR HARDWARE ITEMS AT ALL TIMES WHILST IN THEIR POSSESSION. MDA SHALL BE PERMITTED TO INSPECT THE MDA FURNISHED EQUIPMENT, TOOLING, MATERIAL AND/OR HARDWARE ITEMS AT THE SELLER'S PREMISES DURING REGULAR BUSINESS HOURS UPON REASONABLE NOTICE. UNLESS DIRECTED OTHERWISE BY MDA, ALL MDA FURNISHED EQUIPMENT, TOOLING, SURPLUS MATERIAL AND/OR HARDWARE ITEMS SHALL BE RETURNED TO MDA AT THE COMPLETION OF THIS PURCHASE ORDER

Clause	Description
DHL	SHIP VIA - DHL WORLDWIDE EXPRESS - UNINSURED - COLLECT MDA ACCOUNT # 9700 49904
FEDEX	SHIP VIA - FEDERAL EXPRESS - UNINSURED - COLLECT ACCOUNT NUMBER - 1269-3662-1
PCRDOCS	THE LATEST REVISION OF MDA PROCESS CONTROL REQUIREMENT (PCR) DOCUMENTS ARE REQUIRED TO COMPLETE THIS PURCHASE ORDER. THE SELLER SHALL VERIFY THAT THE LATEST REVISION OF THESE DOCUMENTS ARE IN THEIR POSSESSION BY VISITING THE BUYERS WEB SITE AT http://sm.mdacorporation.com/PCR_web/ . THE SELLER SHALL CONTACT THE BUYER WHERE DIFFERENCES IN REVISION EXIST, PRIOR TO PERFORMING THE WORK.
PUROL	SHIP VIA - PUROLATOR - UNINSURED - COLLECT ACCOUNT NUMBER - 9269893
ROADW	SHIP VIA - ROADWAY EXPRESS - UNINSURED - COLLECT ACCOUNT NUMBER - 222 1637
TIMAX	SHIP VIA - TIMAX(905) 890-4700 - UNINSURED - COLLECT ACCOUNT NUMBER MDA001
WHMIS	SUPPLIER MUST PROVIDE WHMIS LABEL AFFIXED TO CHEMICAL (GAS & LIQUID) AS WELL AS MATERIALS SAFETY DATA SHEET (MSDS) FOR EACH CHEMICAL ORDERED. FAILURE TO DO SO WILL RESULT IN CHEMICAL BEING RETURNED TO VENDOR AT THEIR EXPENSE.