

QA REQUIREMENTS FOR SPACE QUALIFIED CAPACITORS		
Sr. No.	SAC Requirement description	Compliance Remark(s)
1	<b>Indent SN-1 &amp; 2</b> Parts supplied shall be qualified to and as per the latest ESCC 3012/004 specification with chart F2 & F3.	
	<b>Indent SN-3</b> The capacitors shall be qualified to and as per the MIL-PRF-55365/11 specification, Established Reliability with; a) Weibull Failure rate level 'C' or better. b) Termination finish: Hot solder dipped c) Surge current test option Code 'C'	
	<b>Indent SN-4</b> The capacitors, to be supplied, shall fully comply with any one of the quality requirements described as below-	
	Qualified to and as per the latest ESCC 3009 applicable specification with in process inspection, chart F2 and F3 testing OR	
	Qualified to and as per the latest MIL-PRF-32535 applicable specification with high reliability 'T' level including Group A & B.	
2	The offered part(s) and the Part-manufacturer should be listed on the applicable latest MIL/ESCC QPL.	
3	The deliverable resistors shall preferably have a Single Lot Date Code (SLDC) not older than two years from the date of shipment to SAC.	
4	The PIN (Part Identification Number) / Marking on the parts as well as marking on the part label/package/container shall be as per the applicable MIL/ESCC specification.	
5	The parts shall be supplied in standard size antistatic waffle packages. Tape & reel packaging shall not be acceptable.	
<b>6</b>	<b>The following details shall be supplied along with proposal.</b>	
6a	Name of the Original Part Manufacturer.	
6b	The vendor(s) authorized by original part manufacturer to source and sell parts in INDIA shall only be considered. Latest copy of authorization letter and point by point compliance endorsed by the Original Part Manufacturer in case quote is not from OEM. OR If quote is from Authorized Representative of HI-REL Parts Procurement Agency (HRPPA); Copy of latest authorization letter and point by point compliance endorsed by the HRPPA.	
6c	If supplier is HI-REL Parts Procurement Agency (HRPPA) OR Representative of HRPPA; in addition to all the quality requirement of this Indent compliance with the supporting documents/certificates for the following shall be provided along with the quote-	
	The vendor should have more than 5 years of experience as HRPPA. Details regarding the same shall be supplied.	

	Details of EEE parts supplied to other customers with name of space programs supported and Space agencies / Satellite payload manufacturers.	
	Supplied parts shall meet Manufacturer recommended storage & cleanliness condition.	
	Outline of the Vendor's operating procedure, for compliance to quality requirements of this document; including details of mechanism for traceability up to Original Parts Manufacturer.	
	Details of Quality documents that will be supplied along with deliverables	
	For off-the-shelf parts following shall be provided along with quote- <ul style="list-style-type: none"> <li>• Date-code of supplied parts</li> <li>• Storage and inspection criteria to be supplied whenever applicable</li> <li>• Technical and Quality Procurement specifications</li> </ul>	
	Acceptability of such off-the-shelf parts will be at SAC's discretion	
6d	The status of qualification of offered part and part- manufacturer. A copy of Qualification Certificate and relevant pages of the ESCC/MIL QPL be attached in the quote.	
6e	The latest data sheet(s) of the offered part(s) indicating electrical, mechanical, environmental specifications and engineering drawing.	
<b>7</b>	<b>The following shall be supplied along with the deliverable components.</b>	
7a	The Certificate of Compliance (CoC) from the Original Part Manufacturer.	
7b	The Certificate of Compliance (CoC) from the supplier/vendor.	
7c	Test data summary as per applicable MIL/ESCC specifications, if ordered	
<b>8</b>	<b>Important notes</b>	
8a	Point by point compliance with supporting documents as described above in para 1 to 7 shall be submitted along with the technical quote. Additionally, if supplier is HRPPA/authorized representative of HRPPA, all the details as per para 6c shall be submitted along with quote with the supporting technical documents/certificates. <b><i>Failing so the offer is liable to be rejected.</i></b>	