

Dated: 17/07/26

TENDER

SUBJECT: REQUIREMENT OF RESPONSE/QUOTE WITH TIMELINES FOR MIL STANDARD TESTING FACILITY.

REFERENCE: 01/17/07/26

1. TEST FACILITY/TEST CENTRE FOR AIRWORTHY ITEMS, MIL-STD 810 F/G/H, MIL STD 461-C/E/G, EMI/EMC TEST
2. PREFERENCE WILL BE GIVEN TO THE FACILITY/TEST CENTRE HAVING TESTS UNDER ONE ROOF.
3. REPRESENTATIVES/TEAM FOR OBSERVING THE TESTS SHOULD BE ALLOWED.
4. QUOTE VALIDITY: 90 DAYS
5. NO THIRD PARTY INVOLVEMENT.
6. PAYMENTS WILL BE CLEARED AFTER SUCCESSFUL TESTING/REPORTS AS PER CSIR-CSIO GUIDELINES.
7. TECHNICAL DETAILS/REQUIREMENTS: ATTACHED
8. CONTACT DETAILS: harry.garg.csio@csir.res.in, vksehjal.csio@csir.res.in, sunil.kumar.csio@csir.res.in
9. LAST DATE: 5 DAYS FROM DATE OF TENDER
10. TERMS & CONDITIONS AS PER CSIR-CSIO RULES.


Dr. Harry Garg

ANNEXURE-1

TESTING OF LRU

1	Pre random Sinusoidal Vibration Test	5-2000 Hz @ 1g ; Test duration: 05 minutes per axis No. of axis: Three (Force Rating, FR <4T)	01 hr.
2	Random Vibration Test	15-83 Hz @ 0.04 g ² /Hz; 83-300 Hz @ 4dB/Octave roll up; 300-1000 Hz @ 0.2 g ² /Hz; 1000-2000 Hz @ 4dB/Octave roll down; Test duration: 60 minutes per axis No. of axis: Three (Force Rating, 4T <FR<9T)	03 hrs.
3	Post random Sinusoidal Vibration Test	5-2000 Hz @ 1g ; Test duration: 05 minutes per axis No. of axis: Three (Force Rating, FR <4T)	01 hr.
C	Altitude Test	Altitude :18 km, Equivalent pressure: 54.7 mbar Duration: 01 hr.	01 hr.

S. No .	Test Description	Condition
1.	CS101	30Hz to 150KHz
2.	CS114	10KHz to 200MHz
3.	CS115	30Hz
4.	CS116	10KHz to 100MHz
5.	CS118	2KV to 30KV
6.	CE102	10KHz to 10MHz
7.	RE102	10kHz to 18GHz