

Hand-held Oscilloscope

IMPORTANT: Filled Tables 1 and 2 and supporting documents as indicated to be provided for the bids to be considered.

Table 1 Specifications of the Handheld oscilloscope and Compliance

Specification to be met	Compliance (Yes/No) if "No" provide remarks
1. Must be portable with rechargeable batteries (batteries and charger should be included)	
2. Must have analog bandwidth of 60 MHz or more	
3. Must have input impedance of 1 MOhm or more	
4. Must have 2 or more isolated input analog channels	
5. Must have BNC connectors for the input channels	
6. Maximum input voltage capability should be CAT IV 600 V	
7. Must have ADC resolution of 8 bit or more	
8. Must have sampling rate of 0.5 GSa/s or higher	
9. Trigger function should be available on both channels	
10. Must have rise time of 6 ns or lesser	
11. Operation time with single charging should be at least 3 hours	
12. Must be able to store internally at least 10k data points from each channel	
13. Must be able to store externally in SD card or USB drive	
14. Must have a screen size of at least 6 inches	
15. Must have weight less than 3 kg	
16. Must have the largest dimension lesser than 320 mm	
17. Must have Digital Multi Meter feature	
18. Must be able to connect to PC which allows to view and control the scope through PC	
19. Must conform with IP51 or better standards	

Table 2 Essential Qualifying conditions that are to be met for the bid to be considered

Qualifying conditions without which the bids will not be considered	Compliance (Yes/No) if "No" provide remarks
1. The bidder should have supplied at least eight numbers of the quoted product or equivalent in specifications or higher in specifications in the last five years. Out of the 8 at least 3 should have been supplied to ARAI/DRDO/IITs/IISC/NITs. Proof of supply has to be provided along with the bid. <u>Proof of supply by providing POs without indicating commercial terms has to be provided along with the bid for the bid to be considered.</u>	
2. The supplier should be the sole representative of the manufacturer of the offered item in India. <u>Letter to be provided.</u>	

3. The supplier should be able to offer complete after sales service support in Chennai with an office available not more than 500 km from Chennai. <u>Letter to be provided.</u>	
4. Warranty should be for three years. <u>Letter to be provided.</u>	
5. Any other support systems that are needed for the functioning of the oscilloscope but do not form a part of the instrument should be specified in the technical bid.	
6. In-case of instrument damage in the warranty period, repair or replacement should be done such that it is functional again within 5 working days from the date of reporting the issue by e-mail/phone. <u>Letter indicating this to be provided.</u>	