6	20 इसमनि	Mission & Combat System Research & Design Centre HINDUSTAN AERONAUTICS LIMITED					
N.	E CICI	Marathalli Post					
		Bangalore - 560 037 INDIA					
	nical Terms and Conditions of Tender						
Name of Work: Digital Storage Oscilloscope (DSO)							
Name							
Quota							
PLEASE INDICATE YOUR RESPONSE/ COMPLAINCE/ACCEPTANCE TO THE FOLLOWING TERMS (MANDATORY). INDICATE THE TECHNICAL SPECIFICATION/RANGE AGAINST HAL TECHNICAL REUIREMENTS WHEREVER NECESSARY							
SI. No.		Vendor's Compliance (Additional information if any)					
1	SCOPE Vendor shall be responsible for delivery of Digital Storage Oscilloscope (DSO)						
2	TECHNICAL REQUIREMENTS OFDig Vendor shall supply the Digital Storage						
	Parameter	Requirment					
		INPUT CHANNELS					
	Type of input channels	Analog					
	Number of Analog Channels	4					
	Sampling Rate Per Analog Channel Simultaneously	2 GS/sec					
	Bandwidth	200 MHz					
	Operating System	Non -Windows					
		DISPLAY					
	Display Type	Colour TFT					
	Minimum Display Size	5.5 inch					
		MEASUREMENTS FEATURES					
	Vertical Sensitivity	1mV/Div to 5 V/Div					
3	Vertical Resolution	8 bit to 10 bit					
	Frequency Analysis Feature	Yes					
	In-built Frequency Counter	Yes					
	GENERIC						
	Minimum Detectable Pulse Width	1 ns to 5 ns					
	Coupling	AC, DC, GND					

SI. No.		Description of Requirement / Scope of Work		Vendor's Compliance (Additional information if any)
	Trigger Types Edge, Pulse Width, Video, External			
	Acquisition Modes Normal, Peak Detect, Averaging, High Resolution, Roll Mode			
	I/O Interface	O Interface USB, Software for waveform analysis		
	Power Source			
	OPERATING CONDITION Minimum Operating Temperature 5°C			
	Maximum Operating Temperature	50°C		
	General Requirements			
4	Туре	Portable		
	Brand	Tektronix/ Keysight / Rhode & Schwarz/ Fluke		
	(iii) Certificate of Conformance LIST OF DELIVERABLES			
	SI. No.	Item	Quantity(No.)	
	i	Digital Storage Oscilloscope (DSO)	1	
	ii	Accessories	1 Set / As per Standard	
6		i. 10X probe (one per channel)		
		ii. Power cord		
		iii. Carrying bag and protective case for Instrument.		
	iii	Documents	As per para 5.	
7	DELIVERY SCHEDULE Vender shall deliver the Digital Storage Oscilloscope -4 channel in 3 months from the date of placement of PO to MCSRDC, HAL.			
8	WARRANTY Vendor shall provide on-site warranty at MCSRDC for a minimum of 36 months from the date of final acceptance of items by MCSRDC			
9	Acceptance Criteria The delivered digital storage oscilloscope will be accepted based on the saisfactory performance and OEM test report .			
		*** End ***		