

Bid Document

Bid Details	
Bid End Date/Time	28-01-2019 18:00:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	45 (Days)
Ministry/State Name	Gujarat
Department Name	Education Department Gujarat
Organisation Name	Commissionerate Of Technical Education
Office Name	Gandhinagar
Total Quantity	5
Item Category	Digital Storage Oscilloscope
Average Turn Over of Last 3 Years	39 Lakh (s)
Experience with Gov. Required	3 Year (s)
MSE Exemption For Years Of Experience And Turnover	No

Digital Storage Oscilloscope (5)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Allowed Values
PERFORMANCE FEATURES	Bandwidth	200	200.0
	Bandwidth Upgradability	no	yes, no
	Operating System	Non -Windows	Non -Windows
INPUT CHANNELS	Type of input channels	Analog	Analog
	Number of Analog Channels	2	2
	Record Length Per Analog Channel Simultaneously	2500 points	2500 points, 10000 points, 1M points, 4M points, 10M points, 100K points, 20M points, 50M points, 2M points

	Sampling Rate Per Analog Channel Simultaneously	2 GS/sec	250 MS/sec, 500 MS/sec, 1 GS/sec, 2 GS/sec, 4 GS/sec, 5 GS/sec, 10 GS/sec, 20 GS/sec, 2.5 GS/sec, 40 GS/sec
	Digital Channels	no	no
	Number of Digital Channels	NA	8, 16, NA
	Record Length Per Digital Channel Simultaneously	NA	100K point, 500K point, 1M point, 2M point, 4M point, 8M point, 16M point, 32M point, 64M point, NA
	Sampling Rate Per Digital Channel Simultaneously	NA	500MS/sec, 1GS/sec, 2GS/sec, NA
DISPLAY	Display Type	colour TFT	colour LCD, colour TFT, colour LED, monochrome CRT
	Minimum Display Size	5.5	*
MEASUREMENTS FEATURES	Vertical Sensitivity	2mV/Div to 5 V/Div	*
	Vertical Resolution	8	*
	Frequency Analysis Feature	yes	*
	In-built Frequency Counter	no	*
	In-built Function Generator	no	*
	Time Base Range	-	*
	Time Base Accuracy	50	*
GENERIC	Minimum Detectable Pulse Width	1	*
	Memory Upgradability	no	*
	Segmented Memory Feature Availability	no	*
	Waveform Update Rate (Waveform/sec)	NA	*
	Coupling	AC,DC,GND	*
	Trigger Types	Edge,pulse width,video	*
	Measurements	Math function-Add, subtract, multiply, divide, Automatic Measurements of Amplitude and time,FFT	*

		(phase),low-pass filter,Frequency Domain function,Time & Voltage cursors,FFT (magnitude)	
	Acquisition Modes	Peak Detect,Averaging,Roll Mode,Sample	*
	I/O Interface	USB	*
	Power Source	230 V AC	*
	Any other features,if applicable	-	*
ACCESSORIES	Standard Accessories to be supplied	-	*
OPERATING CONDITION	Minimum Operating Temperature	0	*
	Maximum Operating Temperature	50	*
	Operating Humidity (RH)	80	*
SERVICE	Warranty	5	1, 2, 3, 4, 5 Or higher
TEST REPORT DETAILS & TESTS	conformity to Dry Heat for 16 hrs at specified maximum temp , in accordance with IS:9000/part-3/section-5/1977 latest	no	*
	conformity to Damp Heat (Cyclic)Test for 2 Cycles of 24 h each at a temp of 40 degree C & 95% RH in accordance with IS:9000/part-5/section-1/1991 latest	no	*
	conformity to Cold Test for 4 hrs at specified minimum temp in accordance with IS:9000/part-2/section-4/1977 latest	no	*
	Availability of Test Reports from Central Govt / NABL approved / ILAC accredited lab to prove conformity to the specification	yes	yes, NO
	Test Report Number and date for	-	*

	specification(not a part of biddable parameter)		
	Name and Address of the Test lab(not a part of biddable parameter)	-	*

* Bold specifications are the golden parameters.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Vadodaria Ghanshyambhai	380015, The Principal, L.D.College of Engineering, Navarangpura	5	30

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Buyer Specific Additional Terms and Conditions

- Scope of supply (Bid price to include all cost components) :** Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)
- Availability of service Centres :** Bidder /OEM must have Service Centre In the State of each Consignee's Location
- Timely Servicing / rectification of defects during warrantee period:** After having been notified of the defects / service requirement during warrantee period, Seller has to complete the required Service / Rectification within time limit specified. If the Seller fails to complete service / rectification with defined time limit, a penalty of defined % of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG).
 - Time Limit for Service / Rectification of defects will be as defined in the SLA document for the service.
 - Penalty per week of delay as % of unit price of product will be as defined in the SLA document for the service.
 Seller to give compliance Yes / No while submitting bid.
- Pre-dispatch inspection / testing at Seller premises :** Before dispatch, the goods will be inspected and tested by Buyer / Consignee or their Authorized Representative / Nominated External Inspection Agency by Buyer (Fee/Charges taken by the External inspection Agency shall be borne by the Buyer) at Seller's premises for their compliance to the contract specifications. The Sellers will provide necessary testing facilities and shall bear cost of in house testing required, if any. Seller shall notify the Buyer through e-mail about

readiness of goods for pre-dispatch inspection and Buyer will notify the Seller about the Authorized Representative/ Nominated External Inspection Agency and the date for testing. The goods would be dispatched to consignee only after clearance in pre-dispatch inspection. Consignee's right of rejection as per GTC in respect of the goods finally received at his location shall in no way be limited or waived by reason of the goods having previously been inspected, tested and passed by Buyer/ Consignee or its Nominated External Inspection Agency prior to the goods' shipment.

5. The Purchaser reserves the right to increase or decrease the ordered quantity up to 25 percent at the time of placement of contract . The purchaser also reserves the right to increase the contracted qty up to 25% during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly

[This Bid is also governed by the General Terms and Conditions](#)

---Thank You---