

Bid Document

Bid Details	
Bid End Date/Time	21-10-2020 12:00:00
Bid Opening Date/Time	21-10-2020 12:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Human Resource Development
Department Name	Department Of Higher Education
Organisation Name	University Of Delhi
Office Name	Shyam Lal College
Total Quantity	2
Item Category	Digital Storage Oscilloscope
OEM Average Turnover (Last 3 Years)	1 Lakh (s)
Experience Criteria	3 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Past Performance	10 %
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of Financial years as indicated above in the bid

document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

2. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

3. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 10% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Digital Storage Oscilloscope (2 pieces)

Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
INPUT CHANNELS	Type of input channels	Analog	Analog
	Number of Analog Channels	2	2
	Record Length Per Analog Channel Simultaneously	100K points	100K points
	Sampling Rate Per Analog Channel Simultaneously	1 GS/sec	1 GS/sec
	Digital Channels	no	no
	Number of Digital Channels	NA	NA
	Record Length Per Digital Channel Simultaneously	NA	NA
	Sampling Rate Per Digital Channel Simultaneously	NA	2GS/sec, NA
PERFORMANCE FEATURES	Bandwidth	50	50.0
	Bandwidth Upgradability	no	no
	Operating System	Non -Windows	Non -Windows
DISPLAY	Display Type	colour TFT	colour TFT
	Minimum Display Size	7	7.0
MEASUREMENTS FEATURES	Vertical Sensitivity	500µV/Div to 10 V/div	*
	Vertical Resolution	8	*
	Frequency Analysis Feature	no	*

	In-built Frequency Counter	yes	*
	In-built Function Generator	no	*
	Time Base Range	-	*
	Time Base Accuracy	50	50.0
GENERIC	Minimum Detectable Pulse Width	10	*
	Memory Upgradability	no	*
	Segmented Memory Feature Availability	no	*
	Waveform Update Rate (Waveform/sec)	50000	*
	Coupling	AC,DC,GND	*
	Trigger Types	Edge,pulse width,video,pattern/state,External	*
	Measurements	Math function-Add, subtract, multiply, divide, Automatic Measurements of Amplitude and time,FFT (phase),low-pass filter,Time & Voltage cursors,FFT (magnitude)	*
	Acquisition Modes	Normal,Peak Detect,Averaging,High Resolution	*
	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)	95	*
SERVICE	Warranty	3	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	no	*

/part-2/section-4/1977 latest		
Availability of Test Reports from Central Govt / NABL approved / ILAC accredited lab to prove conformity to the specification	yes	yes
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)	-	*

* Specifications highlighted in bold are the Golden Parameters.

* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement (allowed Values) by the Buyer.

Additional Specification Documents

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Manoj Kumar	110032,Shyam Lal College (University of Delhi) G.T.Road Shahdara Near Welcome Metro Station Delhi-110032	2	15

Bid Specific Additional Terms and Conditions

1.Actual delivery (and Installation & Commissioning (if covered in scope of supply)) is to be done at following address Shyam lal College Shahdara Delhi-110032 Shyam lal College Shahdara Delhi-110032 Shyam lal College Shahdara Delhi-110032 Shyam lal College Shahdara Delhi-110032.

This Bid is also governed by the General Terms and Conditions

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---Thank You---