

Bid Document

Bid Details	
Bid End Date/Time	30-09-2020 14:00:00
Bid Opening Date/Time	30-09-2020 14:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	45 (Days)
Ministry/State Name	Telangana
Department Name	Higher Education Department Telangana
Organisation Name	Universitycollegeofengineering Osmaniauniversity
Office Name	Hyderabad
Total Quantity	12
Item Category	Digital Trainer Kit
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Bidder 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
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.

Digital Trainer Kit (12 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

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Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Performance parameters	Application of Digital Trainer Kit	Digital Trainer Kit is used to teach students about designing of combinational and sequential logic circuits. The training board has a variety of basic gates and devices built on and pre-wired to the connectors of the board	*
	Facility to study and verify all logic gates	Yes	Yes
	Facility to verify boolean identities and Demorgan's Theorems	Yes	Yes
	Number of Breadboard	2	2
	Number of tie points per breadboard wth ± 25 tolerance	1680	1680
	Length of main power cord provided in meter	5	*
	Number of data switches	16	16
	Number of pulsar switches (Push to On)	1	1
	Range of fixed clock in Hz	1 Hz to 1 MHz in 7 steps	1 Hz to 1 MHz in 7 steps
	Availability of Crystal generated clock outputs	Three with Manual Pulsing by a push button switch	*
	Input power supply	230 V \pm 10 % AC 50 Hz	*
	Output power supply	5 Volt \pm 3%, @ 1 Amp	*
	Facility of overload trip for protection	Yes	*
	Type of connectivity	Snap fit	Snap fit
	Number of seven segment display with BCD Inputs	2	2
	Number of dual color indicators to observe high/low logic, standard outputs	16	16
Warranty in years	2	2	
Material and dimensional parameters	Size of breadboard in mm x mm	172.5 x 128.5	*
	Bare board Tested Glass Epoxy SMOBC PCB should be used	Yes	*
	Material of case provided for enclosing the kit	Plastic	Plastic
	Weight of the trainer kit in Kg	3.5	*

Additional parameters	The tie points must be solder less	Yes	*
	Availability of On board 20 PIN ZIF socket for further expansion of breadboard	Yes	*
	Number of connecting wires provided	25	25
	Number of 2 mm to 1 mm patch cords provided	10	10
	Number of 2 mm to 2 mm patch cords provided	12	12
	Availability of Built in Power Supply	Yes	Yes
	Block Description Screen printed on glassy epoxy PCB	Yes	Yes
	Digital trainer kit shall be supplied with technical literature and User manual	Yes	*
Reports	Availability of test report from govt/ NABL/ILAC accredited lab covering all parameters	No	No
	Test report number , Incase test reports not available , put NA	-	*
	Test report date, Incase test reports not available , put NA	-	*
	Name of test lab , Incase test reports not available , put NA	-	*
	Address of test lab , Incase test reports not available , put NA	-	*
	Copies of all certifications and reports to be provided to buyer on demand at time of supplies ,	Yes	Yes

* 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	Erukulla Vidya Sagar	500007,PRINCIPAL UNIVERSITY COLLEGE OF ENGINEERING OSMANIA UNIVERSITY HYDERABAD TELANGANA PIN-500007	12	45
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Bid Specific Additional Terms and Conditions

- 1.Upload Manufacturer authorization:** Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.
- The buyer organization is an institution eligible for concessional rates of GST as notified by the Government of India. The goods for which bids have been invited fall under classification of GST concession and the conditions for eligibility of concession are met by the institution. A certificate to this effect will be issued by Buyer to the Seller after award of the Contract. Sellers are requested to submit their bids after accounting for the Concessional rate of GST.
Applicable Concessional rate of GST : 5%
Notification No.and date : TU/V/RG-CDE(923)/2015 dated 06/11/2015
- 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)

[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---