

**Bid Document**

<b>Bid Details</b>	
Bid End Date/Time	05-09-2020 15:00:00
Bid Opening Date/Time	05-09-2020 15:30:00
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	10
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 ( 10 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	*
	<b>Facility to study and verify all logic gates</b>	Yes	Yes
	<b>Facility to verify boolean identities and Demorgan's Theorems</b>	Yes	Yes
	<b>Number of Breadboard</b>	2	2
	<b>Number of tie points per breadboard wth <math>\pm 25</math> tolerance</b>	1680	1680
	Length of main power cord provided in meter	5	*
	<b>Number of data switches</b>	16	16
	<b>Number of pulsar switches ( Push to On)</b>	1	1
	<b>Range of fixed clock in Hz</b>	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	*
	<b>Type of connectivity</b>	Snap fit	Snap fit
	<b>Number of seven segment display with BCD Inputs</b>	2	2
	<b>Number of dual color indicators to observe high/low logic, standard outputs</b>	16	16
<b>Warranty in years</b>	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	*
	<b>Material of case provided for enclosing the kit</b>	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	*
	<b>Number of connecting wires provided</b>	25	25
	<b>Number of 2 mm to 1 mm patch cords provided</b>	10	10
	<b>Number of 2 mm to 2 mm patch cords provided</b>	12	12
	<b>Availability of Built in Power Supply</b>	Yes	Yes
	<b>Block Description Screen printed on glassy epoxy PCB</b>	Yes	Yes
	Digital trainer kit shall be supplied with technical literature and User manual	Yes	*
Reports	<b>Availability of test report from govt/ NABL/ILAC accredited lab covering all parameters</b>	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	-	*
	<b>Copies of all certifications and reports to be provided to buyer on demand at time of supplies ,</b>	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	10	45
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### **Bid Specific Additional Terms and Conditions**

- 1.Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
- 2.Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder 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 bidder 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.Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.

[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---**