

### Bid Document

Bid Details	
Bid End Date/Time	01-02-2021 18:00:00
Bid Opening Date/Time	01-02-2021 18:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	70 (Days)
Ministry/State Name	Telangana
Department Name	Higher Education Department Telangana
Organisation Name	Universitycollegeofengineering Osmaniauniversity
Office Name	Hyderabad
Total Quantity	1
Item Category	PCB Prototype Machine
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,Certificate (Requested in ATC),OEM Authorization Certificate *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
Time allowed for Technical Clarifications during technical evaluation	2 Days
Inspection Required	No
Evaluation Method	Total value wise evaluation

#### 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. 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.

## PCB Prototype Machine ( 1 pieces )

### Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Performance Parameters	<b>Purpose of the Machine</b>	To fabricate Proto Type Single Sided and Double sided PCB for Academic and R&D Work ,Designing micro strip components
	<b>Type of Operation of PCB Machine</b>	Automatic
	<b>Capacity of Machine for fabrication of double side PCB</b>	Yes
	<b>Tool Change operation</b>	Manual
	<b>Number of Automatic Tool Change Positions available</b>	NA ( For Manual )
	<b>The operations performed by the Machine</b>	Drilling, Engraving, Routing
	<b>Surface inspection feature to check uniformity of Surface</b>	Yes
	<b>Drill Depth Sensing and Adjusting Feature</b>	Yes
	<b>Availability of Built in camera function</b>	Yes
	<b>Available software for import of design made</b>	Gerber
	<b>Working area X Axis in mm</b>	up to 250
	<b>Working area in Y Axis in mm</b>	up to 350
	<b>Working Area z Axis in mm</b>	up to 50
	<b>Resolution in micrometer</b>	0.1
	<b>Size of Tool holder/ Collet in inches</b>	ONE BY FOUR
	<b>Minimum Trace Width in mm</b>	0.1
	<b>Maximum working Speed in mm/s</b>	50
<b>Type of bits included with PCB Proto Type Machine</b>	Engraving	
<b>Spindle Speed in RPM</b>	30000	

<b>Drilling performance in terms of number of stroke per minute</b>	50
<b>Quantity of Drill Bits supplied with the Machine</b>	15
<b>Machine shall be supplied with suitable enclosure to reduce sound</b>	Yes
<b>Tool length detection feature</b>	Yes
<b>Auto Bit Protection feature</b>	Yes
<b>Warranty in years</b>	2

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Jalla Upendar	500007, PRINCIPAL, TEQIP OFFICE- UCE, UNIVERSITY COLLEGE OF ENGINEERING OSMANIA UNIVERSITY HYDERABAD TELANGANA PIN-500007	1	30

#### 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. Procurement under this bid is reserved for purchase from Micro and Small Enterprises from the State of Bid Inviting Authority whose credentials are validated online through Udyog Aadhaar for that product category. If the bidder wants to avail the reservation benefit, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service.
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.
4. 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 24/09/2020

[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---**