

**Bid Document**

<b>Bid Details</b>	
Bid End Date/Time	15-03-2021 09:00:00
Bid Opening Date/Time	15-03-2021 09:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Rajasthan
Department Name	Technical Education Department Rajasthan
Organisation Name	Rajasthan Technical University (rtu) Kota
Office Name	Rajasthan Technical University Kota
Total Quantity	1
Item Category	PCB Prototype Machine
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	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
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.

**PCB Prototype Machine ( 1 pieces )**

Brand Type

Registered Brand

**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>	Automatic
	<b>Number of Automatic Tool Change Positions available</b>	20
	<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 400
	<b>Working area in Y Axis in mm</b>	up to 300
	<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>	200
	<b>Type of bits included with PCB Proto Type Machine</b>	Engraving
	<b>Spindle Speed in RPM</b>	20000, 30000, 40000, 50000, 60000, 70000, 80000, 90000, 100000
	<b>Drilling performance in terms of number of stroke per minute</b>	50
<b>Quantity of Drill Bits supplied with the Machine</b>	50	
<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	

**Additional Specification Parameters - PCB Prototype Machine ( 1 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
Product must have Spindle Speed in RPM more than 50000	Required

\* Bidders offering must also comply with the additional specification parameters mentioned above.

**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	V V D N Kamesh	324010,Rajasthan Technical University, Rawatbhata Road,	1	15

**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's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
- 3.Warranty period of the supplied products shall be as given in specifications from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.
- 4.Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 3 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% 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).Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.

[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---**