

Bid Document

Bid Details	
Bid End Date/Time	23-07-2020 11:00:00
Bid Opening Date/Time	23-07-2020 11:30:00
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	Mizoram University
Office Name	Aizawl Mizoram
Total Quantity	4
Item Category	Hot air oven
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria *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.

Hot Air Oven (4 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Standards	Conformity to Standards	-	*
	Certification number and date	-	*
	Confirming Standards for Electrical Safety	IEC- 60601 with latest amendments or IS 13450 with latest amendments	*
	Compliance of Quality Systems for medical devices	ISO 13485	*
Performance Parameters	Purpose	Hot Air Oven is commonly used for dry heat sterilization which is a method of controlling micro-organisms	*
	Capacity in litres	101-150	50-100, 101-150, 151-200, More than 200
	Power ratings in watts	1500	750, 1000, 1500, 2000, 2500, 3000, 259W at 150C, Maximum 1400W, 358W at 150C, Maximum 3060W
	Should provide 3 heating elements on 3 sides of equipment to ensure uniform temperature on all shelves	Yes	*
	Ambient temperature range in °C	Ambient to 250°C	50 °C to 200 °C, Ambient to 250°C, Better, 50°C to 330 °C
	Temperature Accuracy in °C	±0.5°C	±2°C, ±1°C, ±0.5°C, Temp deviation over time: ± 0.2C at 150C
	Insulation	Glass wool	Glass wool, PUF, Ceramic Wool, Rack Wool
	Controller	Microprocessor based PID control	*

Type of Display	LCD	LCD, LED, Vacuum Fluorescent Display
Parameters displayed	Time, Temperature settings and temperature reading	*
Type of Temperature sensor	PT 100	*
Power supply	220 V , 50 Hz Single Phase	*
Door shall be insulated	Yes	*
Door shall be fitted with heavy hinges	Yes	*
Availability of Double glass window on door	No	Yes, No
Door should have locking facility	Yes	*
Type of Shelves	Removable	Fixed, Removable
Number of shelves	3	3, 4, 5, 2
Air Circulation	Motorized Blower for forced air circulation	*
Blower Motor power in HP	0.5	*
Blower motor shall be totally enclosed	Yes	*
Blower motor shall be air cooled	Yes	*
Weight in kgs	87	*
Length of power cord fitted with compatible Indian plug in meters	5	*
Operating temperature and humidity	10 to 40 degree centigrade and 15-90% humidity	*
Over temperature protection	Yes	*
Safety alarm system	Yes	*
Instruction manual to be provided	Yes	*
Oven should be corrosion resistant	Yes	*
Warranty in Years	3	1, 2, 3, 4, 5
Material Parameters	Material of Inner Chambers	SS 304
	Material of Outer	MS with powder coated

	Chamber	paint	paint, Powder coated cold rolled steel
	Material of Shelves	SS wire mesh	SS wire mesh, GI wire mesh, Chrome-plated wire mesh
Reports	ISO certification for manufacturer	ISO 9001	*
	ISO certification date and number	-	*
	Copies of all certifications and reports to be provided to buyer on demand at time of supplies	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	F.KAPMAWII	796004,Mizoram University, Tanhril, Aizawl, Mizoram	4	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. IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
3. ISO 9001: The bidder must have ISO 9001 certification.

[This Bid is also governed by the General Terms and Conditions](#)

---Thank You---