

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	water baths
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
----------	----

ePBG Detail

Required	No
----------	----

Splitting

Bid splitting not applied.

Water Baths (4 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Water Bath Chamber Dimensions, Capacity and Construction	Chamber Length of offered product:	-	*
	Chamber Width of offered product:	-	*
	Chamber Depth of offered product:	-	*
	Water bath Chamber Capacity	>over 26 to 30 litre	2 to 4 litre, > over 4 to 6 litre, >over 8 to 10 litre, >over 10 to 14 litre, >over 14 to 18 litre, >over 18 to 22 litre, >over 22 to 26 litre, >over 26 to 30 litre, over 6 to 8 litre, over 30 to 34 Litre
	Chamber Construction:	Double walled rectangular chamber with mineral wool/solid insulation material filling in between	single walled rectangular chamber, Double walled rectangular chamber, Double walled rectangular chamber with mineral wool/solid insulation material filling in between
	Material of inner Chamber and lid Construction:	Stainless Steel (SS 304)	*
	Material of Outer Chamber Construction:	Epoxy / Powder coated Stainless Steel SS304	Epoxy coated/Powder coated mild steel, Epoxy / Powder coated Stainless Steel SS304
	Weight (kg)	15	*
	Number of racks provided with Water bath unit	0	0, 2, 4, 6, 8, 10, 12, 14
	Number of 75 mm diameter Holes provided:	0	0, 6, 8, 12, 15, 24
Heating Arrangement Parameters	Heat source:	Heating shall be done by a immersion heater.	*
	Heating Capacity (>=):	1500	800, 1000, 1500, 2000, 2400, 2500, 3000, 200,

			1200
Control Panel and Display Unit	Control Panel has:	ON/Off Switch, Heating & Temperature (Set & Actual) Indicators, Power mains Indicator, Temperature controller	ON/Off Switch, Heating & Temperature (Set & Actual) Indicators, Power mains Indicator, Temperature controller, Circulation Controller (if Water bath has circulation facility), Refrigeration Controller (if Water bath has chamber refrigeration facility), Shaking Controller (if Water bath has shaking facility)
	Type of Temperature controller	Digital controller cum Indicator PID Based control	Thermostat based control, Digital controller cum Indicator PID Based control Or higher
Water bath Temperature	Temperature range of bath chamber:	5°C above ambient to 90°C	5°C above ambient to 99.9°C, 5°C above ambient to 90°C, 5°C above ambient to 95°C, 20°C to 99.9°C, 10°C to 100°C
	Temperature control sensitivity:	±0.2°C or better	±0.5°C or better, ±0.2°C or better, ±0.1°C or better Or higher
	Least temperature increment Step available	0.1 degree C	5 degree C, 1 degree C, 0.1 degree C, 0.01 degree C Or higher
	Temperature Accuracy:	±0.2°C or better	±5°C or better, ±1°C or better, ±0.5°C or better, ±0.2°C or better, ±0.1°C or better Or higher
	Safety Features:	Low fluid Alarm, High limit Alarm, Over temperature Alarm & cutoff, Redundant safety thermostat	Low fluid Alarm, High limit Alarm, Over temperature Alarm & cutoff, Redundant safety thermostat
Power Requirement, Certifications and Warranty	Power requirement:	220 V 50 Hz Single Phase AC	220 V 50 Hz Single Phase AC, 440 V 50Hz three phase AC
	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	No	Yes, No

	Manufactured by ISO 9001:2008 or latest certified firm:	YES	*
	Equipment has CE certification	Yes	Yes, No
	Warranty Period:	3	3, 5 Or higher
Cover	Lid/cover Provided	Yes	*
	Shape of Cover	Gable	*
Timer Unit	Timer Provided	Yes	Yes, No
	Timer Setting (minimum increment step)	1	0 - 300
Miscellaneous Features	Drain plug in Chamber provided	No	Yes, No
	Data Logging facility through (RS 232/USB /HDMI/Bluetooth etc) to computer available:	No	Yes, No
	Steel holder for tubes and Flasks provided:	-	*

* 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) : Only supply 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---

