

### 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	3
Item Category	vortex mixers
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.

## Vortex Mixers ( 3 pieces )

### Technical Specifications

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

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
DISCREPTION	<b>Type of Drive Motor</b>	Carbon Brush DC Motor	Brushless DC Motor, Brushless AC Motor, Brushless induction Motor, Carbon Brush DC Motor, Carbon Brush AC Motor
	<b>Display Option/Output Read out Option</b>	No integral Display	Analog, Digital, No integral Display, Other
	<b>Material of Mixing Head/vortex cup</b>	Rubber	Silicone, Rubber, Plastic, Steel, Aluminium
	Type of Vortex Mixer	Mini Vortex Mixer	*
	<b>Type of Controller</b>	other	Microprocessor Controlled, other
	Timer Setting (Increment step)	0.0001	*
	<b>Base material</b>	Plastic	Die cast aluminium, Stainless Steel, Steel, Plastic
	<b>Number of Sample tubes testable simultaneously</b>	Multi-Tube	Single Tube, Multi-Tube
	Weight (kg)	2.4	*
	<b>User Interface</b>	Analog Front Panel	Analog Front Panel, Digital Front Panel Without Glove mode, Digital Front panel With Glove mode
	<b>Largest Volume of the tube testable</b>	500	Above 200
	<b>Finish of Body material</b>	Powder coated	Powder coated, Electro plated, Plain finish, other
	<b>Body Material</b>	Plastic	Die cast Aluminium, Aluminium Alloy, Metal Alloy, Plastic
	<b>Maximum Load capacity</b>	0.5	Above 0.1
WARRANTY	<b>Warranty on</b>	3	3, 5

	<b>machine</b>		
FEATURES	Speed increment step,if variable speed (RPM)	1	*
	<b>IP rating or Ingress protection rating</b>	67	21 - 69
	<b>Activation mode</b>	Press Activated and Continuous run	Press Activated, Continuous run, Press Activated and Continuous run
	<b>Speed mode</b>	Variable Speed	Fixed Speed, Variable Speed
	Type of Data Logging option	USB	*
	<b>Number of Program mable/Programmed modes</b>	0	Above 0
	Maximum Speed (RPM)	2500	*
	<b>Minimum Speed (RPM)</b>	1	Above 1
	<b>Timer Provided</b>	No	Yes, No
	Input Current (Amp)	1	*
	Pulse mode	No	*
	In built Counter balance	No	*
	<b>Programmable Pulse mode</b>	No	Yes, No
	<b>Speed control Accuracy (+/-) (RPM)</b>	25	0 - 50
	Suction Cup in the base	No	*
	Maximum Diameter of the tube testable (mm)	26.2	*
	Accessories and spares included in standard pack	-	*
	Auto Cutoff	No	*
DIMENSIONS	<b>Orbital Diameter</b>	4	2 - 6
	External Dimension: Height	132	*
	External Dimension: Width	156	*
	External Dimension: Depth	150	*
POWER	Power Consumption (W)	60	*

	<b>Input Voltage (V) with number of Phases</b>	AC 220V / AC 110V, 50/60Hz	Any applicable text(s)
CERTIFICATIONS	availability of test report (to be furnished to Buyer by Seller on demand of the former) from NABL/ILAC/Govt laboratory	No	*
	Test Report Number and date	-	*
	Name and address of the Lab issuing test report	-	*
	<b>Product CE certified</b>	Yes	Yes, No
	Firm certified to ISO9001:2008 or latest	YES	*
	If CE certified, EN/IEC directives	-	*
OPERATING PARAMETERS	Ambient operating Temperature (0 to 50 Degree Celsius)	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	3	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---**