

### Bid Document

Bid Details	
Bid End Date/Time	24-07-2020 17:00:00
Bid Opening Date/Time	24-07-2020 17:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Health And Family Welfare
Department Name	Department Of Health And Family Welfare
Organisation Name	N/a
Office Name	Chandigarh
Total Quantity	1
Item Category	Refrigerated Centrifuge For General And Research Purpose
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
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.

### Refrigerated Centrifuge For General And Research Purpose ( 1 pieces )

#### Technical Specifications

\* As per GeM Category Specification

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Standards	Conformity to standards	-	*
	Certificate date and number	-	*
Performance Parameters	Purpose	To Centrifuge different kinds of samples in different Testing Labs and research Labs at room Temperature	*
	Centrifuge design	Bench Top	*
	Weight including Rotor in kgs	55	*
	Maximum RPM with no load	20000	*
	"Number of steps of RPM Variation available in the settings (correspondingly RCF also varies) "	10	*
	RPM setting accuracy	plus minus 5%	*
	<b>Type of Motor</b>	Brushless(without carbons)	Brushless(without carbons)
	Accessories	Spanner to tight or loose Nut of Rotor on Motor shaft head puller,spare rotor nuts ,fuse-2, Instruction Manual Book ,installation CD	*
	<b>Type of lid lock</b>	Both Manual and Electronic	Both Manual and Electronic
	Maximum Noise level when working at 1 meter distance in db	60	*
	Ambient operating Temperature range in Degree centigrade Celsius and humidity range	0 to 50 and Relative humidity 15 to 90%	*
	Rotor imbalance diagnostics and automatic stop if required	Yes	*
	<b>No of acceleration and deceleration</b>	"Programmable from 50 to 200 Seconds in	"Programmable from 50 to 200 Seconds in

<b>profiles in built for rotor speed while automatic braking</b>	Interval of 5 Seconds"	Interval of 5 Seconds"
Maximum timer set point	60 minutes	*
Parameters to be displayed by the digital display	RPM,RCF,Set time,Run time,Rotor running indication ,imbalancing if any	*
Display Type	LCD	*
Speed controller	Microprocessor controlled pre programmed speed controller which can control RPM as well as RCF	*
Speed Control tolerance in case of set speed (Plus minus RPM ) in percentage	2	*
Temperature controller	Micro processor based PID Digital temperature controller cum Indicator, (With LCD Display) to control the Temperature from +40° C up to -20°C	*
<b>Configuration of Rotor supplied with centrifuge machine</b>	swing out and angle rotor	swing out and angle rotor
Rotor Feature with reference to Autoclavability	Autoclavable Rotor @121 Degree Celsius	*
Type of Tubes which can be used with centrifuge machine	Polypropylene Centrifuge tubes and Glass centrifuge tubes	*
<b>Size of rotor supplied with centrifuge in ml</b>	"24X2 ml(for angle rotor) RPM 16000"	"24X2 ml(for angle rotor) RPM 16000"
Maximum RCF	23000	*
Power supply	220 Volts 50 Hz AC $\pm$ 10%	*
Power consumption in watts	220	*
Length of the Centrifuge in mm	635	*
Width of the Centrifuge in mm	508	*
Height of of the	355.6	*

	Centrifuge in mm		
	Length of Power cord in meters	3	*
	Refrigerant should be CFC free	Yes	*
	Temperature of refrigerator in degree Celsius	upto -20°C	*
	Cooling arrangement	Through suitable compressor, radiator, Cooling fan and its Cooling Kit	*
	Temperature control accuracy	± 2°C	*
	<b>Warranty period for equipment &amp; Rotor (on site and comprehensive warranty) in years</b>	1	1
	Maximum Noise level when working at 1 meter distance in db	60	*
Material Parameters	Assembly Material for manufacture of Centrifuge	Die cast Aluminum, Aluminum sheet, Stainless Steel, CRC Steel,Plastic and Rubber	*
	"Lid Material of Centrifuge "	CRC Steel finish with powder coating or stove painting or ABS Plastic of injection moulding	*
	Body material of Centrifuge	C.R.C Steel Finish with Powder Coating/ Stove Painting.	*
	Front Panel of centrifuge	CRC Steel finish with powder coating or stove painting or ABS Plastic of injection moulding	*
	Centrifuge Bowl material in Centrifuge	Double walled with PUF Insulation to avoid loss of Cooling. Inner Chamber made of 304 Quality Stainless Steel Moulded	*
	Material of Rotor	Aluminium	*
Additional Parameters	<b>Condensed Water Drainage System</b>	Yes	Yes, No

	<b>The Equipment shall be installed and demonstrated before Acceptance</b>	Yes	Yes
	<b>Servo Controller Voltage Stabilizer supplied with Item</b>	No	Yes, No
	<b>Servo stabilizer ratings in KVA</b>	Not supplied	1, 2, Not supplied
	<b>Warranty of stabilizer in years</b>	NA(If no stabilizer provided)	3, 4, 5, NA(If no stabilizer provided)
	Auto cut off	Yes	*
	Timer provided	Yes	*
Reports	Certifications of Manufacturer	ISO 9001:2015	*
	ISO Certificate 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	Sandeep Kumar	160038,Punjab State AIDS Control Society (PSACS) Prayaas Building, 4th Floor, Sector-38 B, Chandigarh.	1	15

### Bid Specific Additional Terms and Conditions

1. Authorised Service Centre within the state of Odisha, along with a dedicated contact person with telephone number for technical solution in a fast track basis at this institution as and when required basis.
2. Experience Certificate for the supply of the same to any Govt/ PSU/ any renowned private organisation along with Supply/ Purchase Order.
3. If the agency is registered under MSME or NSIC, then EMD exemption certificate needs to be enclosed.
4. Make in india specific authorisation certificate needs to be enclosed.

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

**---Thank You---**