

Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 16:00:00
Bid Opening Date/Time	20-07-2020 16:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Home Affairs
Department Name	Department Of Home
Organisation Name	Directorate Of Forensic Science Services (dfss)
Office Name	Bhopal
Total Quantity	2
Item Category	Non Refrigerated Centrifuge for General Purpose and research
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
----------	----

ePBG Detail

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

Splitting

Bid splitting not applied.

Non Refrigerated Centrifuge For General Purpose And Research (2 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Standards	Conformity to standards	-	*
	Certificate number and date	-	*
Performance Parameters	Purpose	To Centrifuge different kinds of samples in different Labs and research Labs at room Temperature	*
	Centrifuge design	Bench Top	Bench Top
	Weight including Rotor in kgs	4	*
	Maximum RPM with no load	20000	*
	"Number of steps of RPM Variation available in the settings (correspondingly RCF also varies) "	100	*
	RPM setting accuracy	plus minus 5%	*
	Type of Motor	Brushless(without carbons)	Brushless(without carbons), With Carbon Brushless
	Type of lid lock	Both Manual and Electronic	*
	Maximum Noise level when working at 1 meter distance in db	52	*
	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	*
	No of acceleration and deceleration profiles in built for rotor speed while automatic braking	"Programmable from 50 to 200 Seconds in Interval of 5 Seconds"	*
	Maximum timer set	60 minutes	*

	point		
	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	*
	Configuration of Rotor supplied with centrifuge machine	Angle rotor	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	*
	Size of rotor supplied with centrifuge	"12x2ml(for angle rotor) RPM 20000"	"12x2ml(for angle rotor) RPM 20000"
	Maximum RCF	14100	*
	Power supply	230 Volts 50 Hz AC \pm 10%	*
	Power consumption in watts	85	*
	Length of the Centrifuge in mm	240	*
	Width of the Centrifuge in mm	225	*
	Height of of the Centrifuge in mm	120	*
	Length of Power cord in meters	3	*
	Accessories	Spanner to tight or loose Nut of Rotor on Motor shaft head puller,spare rotor nuts ,fuse-2, Instruction Manual Book ,installation CD	*
	Warranty period in years	1	1, 2, 3, 4, 5
Material Parameters	Assembly Material for manufacture of	Die cast Aluminum, Aluminum sheet,	*

	Centrifuge	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	304 Quality Stainless Steel Moulded	*
	Material of Rotor	Aluminium	*
Additional Parameters	Auto cut off	Yes	*
	Timer provided	Yes	*
	The Equipment shall be installed and demonstrated before Acceptance	Yes	Yes, No (No installation and demonstration required and consignee can install)
	Servo Controller Voltage Stabilizer supplied with Item	No	Yes, No
	Servo stabilizer ratings in KVA	Not Supplied	1, 2, Not Supplied
	Warranty of stabilizer in years	Not supplied	3, 4, 5, Not supplied
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	Pradeep Kumar	462030,CENTRAL FORENSIC SCIENCE LABORATORY BARKHERA BONDER P.O. BAIRAGARH KALAN NEAR DR.SHANKAR DAYAL SHARMA COLLEGE OF NURSING	2	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. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
3. Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.

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

---Thank You---