

### 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	1
Item Category	magnetic stirrers
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.

### Magnetic Stirrers ( 1 pieces )

#### Technical Specifications

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

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
CONFIGURATION AND FEATURES	<b>Number of stirring Positions</b>	1	1
	<b>Calibration</b>	Automatic Calibration	Automatic Calibration
	<b>Type of Drive Motor</b>	Brushless Motor AC	Brushless Motor AC
	<b>Display Option/Output Read out Option</b>	Digital	Digital
	<b>Magnetic stirrer is:</b>	with a hot plate or some other means for heating the liquid	with a hot plate or some other means for heating the liquid
	Timer Setting (Increment step) (sec)	-	*
	Minimum Speed Possible (RPM)	50	*
	<b>Magnetic stirrer Type</b>	variable speed	variable speed
	<b>Controller type</b>	Microprocessor Controlled	Microprocessor Controlled
	<b>IP rating or Ingress protection rating</b>	42	42.0 - 68.0 Or higher
	<b>Programmable</b>	Yes	Yes
	Direction change feature	No	*
	<b>Speed Control Accuracy of set speed (+/-) (RPM)</b>	5	0.0 - 5.0 Or lower
	<b>Maximum Stirring capacity per position</b>	3000	3000.0
	<b>Top plate Material</b>	Ceramic	Ceramic
	Timer Provided	Yes	*
	Base material	Die cast aluminium	*
	<b>User Interface</b>	Digital Front Panel	Digital Front Panel
	Pulse mode	Yes	*
	Type of Data Logging Option	NOT AVAILABLE	*
	Slip Detection	No	*
	<b>Last run memory</b>	Yes	Yes
	Accessories and spares included in standard pack	-	*
CERTIFICATIONS	Firm Certified to ISO9001:2008 or latest	YES	*

	<b>Product is CE certified (Seller to furnish supporting document to Buyer on demand)</b>	Yes	Yes
	EN/IEC directives	-	*
	Name and Address of the Lab	-	*
	Availability Of Test Report (to be furnished by Seller to Buyer on demand) from Central Govt/NABL/ILAC accredited laboratory to prove conformity to specifications	No	*
	Test Report details; Number, date of issue, name and address of issuing laboratory	-	*
WARRANTY	<b>Warranty on Machine</b>	3	3, 5 Or higher
MISC	<b>In built-in multi-step safety system to continuously monitor device operation and protect against damage should the operation exceed the pre-determined parameters:</b>	Unsafe Hotplate Temperature - Temperatures exceed safety Parameters, Probe Failure - Probe Break Or Become Disconnected, Vessel Breakage - Should The Vessel Have A Crack And The Solution Begins To Leak, provision for preventing liquid from damaging equipment	Unsafe Hotplate Temperature - Temperatures exceed safety Parameters, Probe Failure - Probe Break Or Become Disconnected, Vessel Breakage - Should The Vessel Have A Crack And The Solution Begins To Leak, provision for preventing liquid from damaging equipment
	Weigh	4.9	*
	Ambient operating Temperature range 0 to 50 degree	Yes	*
	Permissible Relative Humidity (%)	80	*
POWER SUPPLY	Input Voltage with Phase (V)	220 V, 50 Hz AC, single phase	*
	Input Current (A)	50	*
	Power Consumption (	600	*
SPEED	<b>Speed Mode</b>	Variable Speed	Variable Speed
	Speed (RPM)	50	*

	Minimum Speed increment step (RPM)	5	*
	Maximum Speed (RPM) of variable speed mode equipment	1500	*
DIMENSIONS	External Dimension: Height )	97	*
	External Dimension: Width	208	*
	<b>External Dimension: Depth</b>	275	275.0
	<b>Body Material</b>	Die cast Aluminium	Die cast Aluminium
	Finish of Body material	Powder coated	*
STIR BAR	Stir bar cover material	PTFE	*
	Stir Bar length	25	*
TOP PLATE	Top plate area shape	Rectangular	*
	Length of rectangular top plate area	184	*
	Width of rectangular top plate area	184	*
	Circular Top plate diameter	0	*
	<b>Top plate Finish</b>	Ceramic coated	Ceramic coated

\* 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	1	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---**