

### Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 15:00:00
Bid Opening Date/Time	20-07-2020 15:30:00
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	Horizontal Electrophoresis system
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.

### Horizontal Electrophoresis System ( 1 pieces )

#### Technical Specifications

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

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Standards	Certification for product	-	*
	Certification date and number	-	*
	Quality system certifications of manufacturer	ISO 13485 and 9001	*
	Conformity to standard for electrical safety latest amendment	IEC- 60601-2-40 or BIS Equivalent	*
Performance Parameters	Purpose	Horizontal Electrophoresis System refers to equipment widely used for separation of DNA & RNA on their size/mass and/or electrical charge in molecular biology, cell biology laboratories in agarose gels.	*
	<b>Length of the Gel tray (cm)</b>	10	10
	<b>Width of the Gel tray (cm)</b>	7	7
	<b>Number of well combs</b>	8	8
	<b>Thickness of comb (mm)</b>	1.5	1.5
	Maximum Sample Capacity	32	*
	<b>Construction of Unit (Moulded/Fabricated )</b>	Single Moulded	Single Moulded
	<b>Type of Electrodes (Fixed/Removable)</b>	Fixed	Fixed
	Maximum buffer volume (ml)	250	*
	Provision of gel casting gates for sealing the tray	Yes	*
	Easy replacement of electrode assemblies and lid removal to avoid buffer spillage	Yes	*
	Provision of uv transparent gel trays with florescent ruler	Yes	*

Power supply unit	<b>System should be provided with atleast three sets of output terminals to deliver constant voltage or current</b>	Yes	Yes Or higher
	<b>Output range</b>	voltage: 10-300v; current: 4-400ma; power: 75 watts or better	voltage: 10-300v; current: 4-400ma; power: 75 watts or better
	<b>Led display for voltage, current, power and time</b>	Yes	Yes Or higher
	<b>Safety feature</b>	Overload/short circuit detection; overvoltage protection	Overload/short circuit detection; overvoltage protection
Miscellaneous Parameters	<b>Comprehensive Warranty in years</b>	2	2
	Installation and demonstration to be given before acceptance	Yes	*
	Instruction manual to be supplied	Yes	*
	<b>Number of installations of the Machine machines in Central /State/PSU Govt Hospitals( Note: Seller should supply a performace certificate of the device to the buyer if demanded after placement of order)</b>	More than 3	More than 3
	OEM/Reseller ( if supplied to reseller shall ensure uninterputed availabilty of all spares for 10 years)	Yes	*
	Availability of toll free facility for technical support maintained by OEM or authorized agencies	Yes	*
	User/Technical/Mainten ance manuals in original to be supplied in English in hard and soft copy	Yes	*

Demonstration of equipment and training to be provided after completing supplies before acceptance	Yes	*
The Principal Manufacturer must have direct Presence/approved service center In India	Yes	*
QA, QC and other tests as per NABH shall be carried out by OEM or authorized agency of OEM	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	1	30

#### **Special terms and conditions for category Horizontal Electrophoresis system**

1. Comprehensive warranty Comprehensive warranty shall include preventive maintenance including calibration as per technical/ service /operational manual of the manufacturer, service charges and spares,. During the warranty period commencing from date of the successful completion of warranty period, Service personnel shall visit each consignee site as recommended in the manufacturer's technical/ service /operational manual, at least once in six months. warranty shall not be including the consumables .Further there will be 98% uptime warranty during warranty period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend warranty period by double the downtime period.Service centresDetails of Service outlets in India to render services for equipment to be furnished to buyer/consignees with complete address ,telephone numbers, e mails etc at time of making the supplies .It shall be the responsibility of seller to ensure that authorized service centres are available to cater to the areas where supplies are made within reasonable distance from where the service calls can be handled .Details of toll free numbers for service call and online registration of service requests also to be provided buyer/consignee at the time of supplies.Source of supplyIt shall be responsibility of seller to provide Documents regarding source of equipments such as copy of Performa invoice or any other documents to establish that the products supplied are manufactured by OEM indicated and sourced from

them. Packing and Marking Medical equipments being very delicate and sensitive packing for the goods should be strong and durable enough to withstand transit including transshipment (if any), rough handling, open storage etc. without any damage, deterioration etc. .The size, weights and volumes of the packing cases, remoteness of the final destination of the goods, availability or otherwise of transport and handling facilities at all points during transit up to final destination,. Quality of packing, the manner of marking within & outside the packages and provision of accompanying documentation shall take in to consideration the type of medical equipments being supplied. The accessories shall be suitably labelled and packed .Each of the package shall be marked on three sides with indelible paint of proper quality: indicating contract number and date , brief description of goods including quantity ,. Packing list reference number , country of origin of goods and any other relevant details.Spare PartsSeller shall provide materials, information etc. pertaining to spare parts manufactured and supplied by the OEM . It shall be ensured that the required spares are available for purchase at least for 10 years from date of supplies .In case due to any reasons the production of the spare parts is discontinued sufficient advance notice should be given to the buyer/consignee before such discontinuation to provide adequate time to purchase the required spare parts etc. Further, OEM and their service centres/dealers shall carry sufficient inventories to assure ex-stock supply of consumables and spares for the equipments so that the same are available.OEM or reseller shall always accord most favoured client status to the buyer/consignee and shall give the most competitive price for spares and consumables of its machines/equipments supplied.Installation, Training, ManualsSeller shall be responsible to carry out Installation & commissioning, Supervision and Demonstration of the goods. They shall provide required jigs and tools for assembly, minor civil works for the completion of the installation and Training of Consignee's representatives for operating and maintaining the equipment and Supplying required number of operation & maintenance manual for the goods. In case the category parameters are specifying any requirements regarding the installations , training and manuals the same shall also be applicable. Electrical safety checkingSellers are required to make sure that they furnish the list of equipments for carrying out routine and preventive maintenance to buyer/consignee. They should make sure to periodically check the electrical safety aspects as per BIS Safety Standards or equivalent .In case they do not have required equipment for such testing should ensure that the equipments checked for electrical safety compliance through labs with facilities for such checking during every preventive maintenance call. Software All software updates should be provided free of cost during warranty period.

## **Bid Specific Additional Terms and Conditions**

1. Scope of supply (Bid price to include all cost components) : Only supply 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---**