

Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 20:00:00
Bid Opening Date/Time	20-07-2020 20:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Science And Technology
Department Name	Department Of Biotechnology (dbt) Government Of India
Organisation Name	Institute Of Bioresources And Sustainable Development (ibsd)
Office Name	ibsd
Total Quantity	1
Item Category	automated nucleic acid extraction machine (PAC Only)
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.

Automated Nucleic Acid Extraction Machine (1 pieces) (Under PAC)

Make	genetix
Model	purifier-96

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Performance Parameters	Purpose	Automated Nucleic Acid	*

		extraction system to efficiently automate RNA extractions as well as DNA extractions,, and their related purification protocols	
	Type of system	Open(compatible with multiple kits)	*
	Portability of model	Benchtop	*
	No of samples per run efficiently extracted within one hour	Up to 96	*
	Minimum Sample volume	25 to 200 µl	*
	Elution volume	30 to 100µl	*
	Performance of machine	High nucleic acid yields, Isolate pure, high quality DNA or RNA for downstream applications such as PCR, qPCR, Reverse transcription - qPCR, sequencing	*
	Heating and cooling facility	Yes	*
	Machine should allow to add customize protocols	Yes	*
	System should function smoothly and should not generate aerosol, spillage	Yes	*
	Internal in-built memory to store protocols	Yes	*
	All the necessary accessories required for working provided with the system	Yes	*
	Suitable UPS Provided	Yes	*
	UPS Back up time	1	*
Standard Parameters	Certification for product	CE-IVD	*
	Certification date and number	11/05/2020 and CE-29797	*
	Conformity to Manufacturing Standards	ISO 9001 & ISO 13485	*
	Conformity to Safety Standards	IEC 60601-1 or BIS equivalent	*
Reports	Comprehensive Warranty	5	5.0
	All spares should be available in market during warranty period as well as 5 years after the warranty	Yes	*
	User manual	User Technical , Maintenance manuals to be supplied in English in hard and soft copy	*
	Installation,validation, Demonstration and training to be provided at site at consignee end	Yes	*
	Service Centre	The Principal Manufacturer	*

		Must Have Direct Presence/approved service center In India	
	The detailed circuit diagram along with trouble shooting procedure and operational manual would be provided to the consignee along with the equipment	Yes	*
	Equipment should be supplied with manuals and the manuals including technical drawings should be complete in all respects to operate the system without any problem	Yes	*
	Copies of all certifications and reports (Instrumental qualification /operational qualifications / performance qualification) 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	Albert Chiang	793009,institute of bioresources and sustainable development, upper shillong-793009, meghalaya	1	15

Special terms and conditions for category automated nucleic acid extraction machine

- 1.(i) 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.(ii) Service centres: Details 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.(iii) Source of supply: It 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 .(iv) 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.(v) Spare Parts: Seller 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(vi) Installation, Training, Manuals: Seller 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.(vii) Electrical safety checking: Sellers 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.(viii) 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) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)

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

---Thank You---