Bid Number: GEM/2020/B/708232
Dated: 13-07-2020

Bid Document

Bid Details	
Bid End Date/Time	23-07-2020 15:00:00
Bid Opening Date/Time	23-07-2020 15:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Health And Family Welfare
Department Name	Department Of Health And Family Welfare
Organisation Name	N/a
Office Name	Korea
Total Quantity	1
Item Category	Haemodialysis Machine
Bidder Turnover (Last 3 Years)	4 Lakh (s)
OEM Average Turnover (Last 3 Years)	30 Lakh (s)
Experience Criteria	1 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Past Performance	50 %
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Required	No

ePBG Detail

Required	No

Splitting

Bid splitting not applied.

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of years as indicated in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
2. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
3. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 50% of bid quantity, in at least one of the last three years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one year) to be submitted along with bid in support of quantity supplied in the relevant year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Haemodialysis Machine (1 pieces)

Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
GENERAL FEATURES	Product name	Haemodialysis or Dialysis machine	*
	Clinical purpose	Purification of blood of a person by removing excess water and waste products from the blood using artificial kidney with the help of a dialysis machine out side the patient's body whose kidneys are dysfunctional, damaged or missing	*
	Patient category	Pediatrics and adults	*

CONSTRUCTION, OPERATION AND FUNCTIONAL FEATURES	**Material of the body**	Polypropylene (PP)	Polypropylene (PP)
	The Machine should be of latest technology with microprocessor controlled	Yes	*
	Machine should have Acetate & Bicarbonate dialysis facility	Yes	*
	Machine should have two bacterial filters (Pyrogen filters) one at water inlet and one before water going to dialyzer	Yes	*
	Machine should have Sequential/Isolation Ultra filtration facility	Yes	*
	It should have Arterial , Venous & Transmembrane pressure monitoring facility	Yes	*
	Arterial Pressure Monitoring	-300 mm Hg to +300 mm Hg	-300 mm Hg to +300 mm Hg
	Venous Pressure Monitoring	-60 mm Hg to +500 mm Hg	*
	Transmembrane Pressure Monitoring	-60 mm Hg to +500 mm Hg	*
	Treatment parameters should be displayed by trend curve and digital both in a user friendly manner	Yes	*
	Arterial Blood pump flow rate (ml/min)	15 to 600	15 to 600
	Blood tubing pump segment should be operator changeable for use of different type of blood tubing sets	Yes	*
	Blood Tubing Pump segment range 4mm to 10mm approx	Yes	*
	Variable dialysate flow (ml/mt)	300 to 800	300 to 800
	Dialysate Temperature (degree C)	34 to 39	34 to 39
	Machine should have	With double blood	With double blood

	Single Needle dialysis facility	pump	pump
	Machine should have volumetric Ultrafiltration system	Yes	*
	Machine should have inbuilt on-line Dialysate fluid filter system for ultrapure Dialysate delivery	Yes	Yes, No
	Machine should have In-line Bicarbonate mixing and solution preparation facility with sterile dry powder cartridge during dialysis	Yes	*
	Machine should have Air bubble detector facility with level adjustment facility for Venous Chamber	Yes	*
	Machine should have Optical Sensor to check the presence of blood/saline in the extracorporeal blood circuit system	Yes	*
	Should have Na, Bicarbonate and UF profiling	Yes	*
	Should have drain facility	Yes	*
	Machine should have Heparin Infusion Pump with rate 0 to 10ml/min and Bolus infusion up to 5ml/min approx	Yes	*
	Heparin infusion pump delivery range (ml/min)	0 to 10	0 to 10
	Heparin infusion pump bolus infusion range (ml/min)	0 to 5	0 to 5
	Machine should have blood leak sensor	Yes	*
	Alarm will be activated for blood loss rate not greater than 0 point 5ml/min at maximum dialysate flow of	Yes	*

	800ml/min		
	Machine should be able to accept different concentrate formulation, different dialyzers and blood tubing set	Yes	*
	Ultrafiltration rate (Lts/Hr)	4	*
	Machine should have variable conductivity setting between 13 to 15(minimum range)	Yes	*
	Machine should have facility for priming and rinsing of dialyzer and blood lines	Yes	*
	Machine should have automatic priming/reinfusion facility	Yes	*
	Machine should have Hot Rinsing and Hot Chemical Disinfection facility (Temp above 80 deg Celsius) with recirculation system	Yes	*
	it should have various Chemo Thermal cleansing and disinfection programs	Yes	*
	Machine should have Ultrafiltration and Sodium Profiling facility	Yes	*
	Built-in heat exchanger	Yes	*
	Machine should have built-in automatic pulse rate and blood pressure(NIBP) monitoring unit	Yes	Yes
	Built-in online NIBP recording facility	Yes	Yes
	Online clearance kt/V facility	Yes	*
	Machine should be up gradable to future software development and can be linked for Data Management	Yes	Yes, No

	System		
	All important data should be preset so that machine can be used anytime without feeding data every time	Yes	*
	Should have automatic self test facility	Yes	*
	Automatic diagnosis of malfunctioning with on line ability to show the faults with trouble	Yes	*
	Audio visual alarms on limit violation of conductivity,blood leak, air leak, transmembrane pressure alarms,, Dialysis temperature alarm,dialysis can empty alarm, end of disinfection alarm,bypass alarm and blood pump stop alarm, alarm for reverse Ultrafiltration etc	Yes	*
STANDARD ACCESSORIES	**Bacterial filters (Sets)**	2	2
ELECTRICAL FEATURES	Should have auto ON/OFF Facility	Yes	*
	LED indicator on front panel for status of machine	Yes	*
	Power supply (with Indian plug)	220+/-10% V, 50Hz, AC Single phase	*
	Machine should have Automatic battery backup for complete Extracorporeal blood system during power failure	Yes	*
	UPS of suitable rating with voltage regulation and spike protection for 60 minutes back up	Yes	*
USER INTERFACE	Colour TFT display operated by touch buttons or touch screen	Yes	*
	Colour panel display	10	10.0 - 15.0 Or higher

	size (inch)		
	Data protection while power goes off	Yes	*
	Memory for storage of records	Yes	*
	USB and Ethernet for file sharing	Yes	Yes, No
PACKING MODE	The product is packed individually in a box with all its accessories in such a way that there will be no transit damage	Yes	*
CERTIFICATIONS & REPORTS	Availability of test report/quality assurance report from parent manufacturer	YES	*
	Product certification	EU-CE	*
	Certificate No	-	*
	Certificate Date	-	*
	Certificate issuing authority	-	*
	Four digit number of notified body If product is EU-CE certified	-	*
	Certification, performance and safety standards specific to the device	IS:13485	*
	Submission of all the certifications and test reports to the buyer along with supplies on demand	Yes	*
INSTALLATION & TRAINING	Supplier to perform installation, safety and operation checks before handover	Yes	*
	Training of users in operation and basic maintenance shall be provided	Yes	*
WARRANTY & MAINTENANCE	Onsite comprehensive warranty from the date of installation and commissioning (in years)	5	*
	User technical and maintenance manual	Yes	*

	detailing complete maintaining schedule with routine maintenance should be provided		
	Contact details of manufacturer, supplier and local service agent to be provided	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	Sudhanshu Shrivastav	497335,Chief Medical & Health officer Kanchanpur baikunthpur korea cg	1	30

Special terms and conditions for category Haemodialysis Machine

1. Comprehensive warrantyComprehensive 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 MarkingMedical equipments being very delicate and sensitive packing for the goods should be strong and durable enough to withstand transit including transhipment (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. 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---