

### Bid Document

Bid Details	
Bid End Date/Time	23-11-2020 19:00:00
Bid Opening Date/Time	23-11-2020 19:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	45 (Days)
Ministry/State Name	Ministry Of Health And Family Welfare
Department Name	Department Of Health And Family Welfare
Organisation Name	HII Infra Tech Services Limited
Office Name	Hites
Total Quantity	17
Item Category	Haemodialysis Machine
Bidder Turnover (Last 3 Years)	51 Lakh (s)
OEM Average Turnover (Last 3 Years)	51 Lakh (s)
Experience Criteria	3 Year (s)
MSE Exemption for Years Of Experience and Turnover	Yes
Startup Exemption for Years Of Experience and Turnover	Yes
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	30 %
Bid to RA enabled	No
CMC Required	Yes
Inspection Required	Yes
Inspection to be carried out by Buyers own empanelled agency	Yes
Type Of Inspection	Pre Dispatch
Name of the Empanelled Inspection Agency/ Authority	Board of Officers
Estimated Bid Value	17000000

#### EMD Detail

Required	No
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#### ePBG Detail

Advisory Bank	HDFC Bank
ePBG Percentage(%)	3.00
Duration of ePBG required (Months).	62

(a). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

**Beneficiary:**

Head PCD  
HITES, Department of Health and Family Welfare, HLL INFRA TECH SERVICES Limited, Ministry of Health and Family Welfare  
(Arundhati Kandwal)

**Splitting**

Bid splitting not applied.

**MII Purchase Preference**

MII Purchase Preference	Yes
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**MSE Purchase Preference**

MSE Purchase Preference	Yes
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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 Financial years as indicated above 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 Financial 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. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
4. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer)of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY.
5. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 30% of bid quantity, in at least one of the last three Financial 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 financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

## Haemodialysis Machine ( 17 pieces )

(Minimum 50% Local content required for MII compliance)

### 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	<b>Material of the body</b>	Polypropylene (PP)	Polypropylene (PP), Aluminium and FRP
	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	*
	<b>Arterial Pressure Monitoring</b>	-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	*
<b>Arterial Blood pump flow rate (ml/min)</b>	15 to 600	10 to 600, 15 to 600, 20 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	*
<b>Variable dialysate flow (ml/mt)</b>	300 to 800	200 to 800, 300 to 800
<b>Dialysate Temperature (degree C)</b>	32 to 39	32 to 39, 34 to 39
<b>Machine should have Single Needle dialysis facility</b>	With single blood pump	With single blood pump, With double blood pump
Machine should have volumetric Ultrafiltration system	Yes	*
<b>Machine should have inbuilt on-line Dialysate fluid filter system for ultrapure Dialysate delivery</b>	Yes	Yes
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	*
<b>Heparin infusion</b>	0 to 10	0 to 10

<b>pump delivery range (ml/min)</b>		
<b>Heparin infusion pump bolus infusion range (ml/min)</b>	0.5 to 5	0 to 5, 0.5 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 800ml/min	Yes	*
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	*
<b>Machine should have built-in automatic pulse rate and blood pressure(NIBP) monitoring unit</b>	Yes	Yes
<b>Built-in online NIBP recording facility</b>	Yes	Yes
Online clearance kt/V facility	Yes	*
<b>Machine should be up gradable to future software development and can</b>	Yes	Yes

	<b>be linked for Data Management System</b>		
	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	<b>Bacterial filters (Sets)</b>	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	*
	<b>Colour panel display size (inch)</b>	10.4	10 - 15
	Data protection while power goes off	Yes	*
	Memory for storage of records	Yes	*
	<b>USB and Ethernet for file sharing</b>	Yes	Yes
PACKING MODE	The product is packed individually in a box with all its accessories in	Yes	*

	such a way that there will be no transit damage		
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	Warranty in Years (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue)	5	*
	User technical and maintenance manual detailing complete maintaining schedule with routine maintenance should be provided	Yes	*
	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.

**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	The Dean	,Gandhi Medical College, Bhopal	4	30
2	The Dean	,GRMC Medical College, Gwalior	4	30
3	The Dean	,Indore Medical College,	6	30
4	The Dean	,Jabalpur Medical College,	3	30

### Special terms and conditions for category Haemodialysis Machine

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 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. 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. 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 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. 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. 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. Software All software updates should be provided free of cost during warranty period.

### Bid Specific Additional Terms and Conditions

1. Experience Certificate for the supply of the same to any Govt/ PSU/ any renowned private organisation along with Supply/ Purchase Order.
2. If the agency is registered under MSME or NSIC, then EMD exemption certificate needs to be enclosed.
3. Make in india specific authorisation certificate needs to be enclosed.
4. Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder 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 bidder 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.
5. Bidders shall quote only those products in the bid which are not obsolete in the market and has at least 3 years

- residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.
6. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
  7. Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.
  8. **End User Certificate:** Wherever Bidders are insisting for End User Certificate from the Buyer, same shall be provided in Buyer's standard format only.
  9. **OPTION CLAUSE:** The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.
  10. 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)
  11. Scope of supply includes Training: Number of employees to be trained 2 , Place for Training As per tender and Duration of training 7 days.
  12. Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 3 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.
  13. The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.
  14. The successful bidder has to supply all essential accessories required for the successful installation and commissioning of the goods supplied. Besides standard accessories as per normal industry practice, following accessories must be part of supply and cost should be included in bid price: The cost should be all inclusive for item, accessories, related trunk work (if any) as defined in tender and amendments.
  15. To be eligible for award of contract, Bidder / OEM must possess following Certificates / Test Reports on the date of bid opening (to be uploaded with bid): All required certificate asked in technical specification and amendments..
  16. **Upload Manufacturer authorization:** Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.

## **Additional Clause For Comprehensive Maintenance Charges**

1. CMC shall include preventive maintenance including calibration as per technical/ service /operational manual of the manufacturer, service charges and spares, after satisfactory completion of Warranty. During the CMC 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. CMC shall not be including the consumables. Further there will be 98% uptime warranty during CMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CMC period by double the downtime period.
2. CMC charges to be indicated as percentage of cost of equipment quoted for each year after the warranty period.
3. GST shall be included in the CMC Charges quoted.
4. Cost of CMC will be added for Ranking/Evaluation purpose with depreciation formula. A 10% discounting rate per year shall be applied on CMC Charges for price evaluation on present value.
5. The payment of CMC will be made on quarterly basis after satisfactory completion of said period, duly certified by end user.
6. While creating a bid or RA buyers shall indicate whether CMC is required against Yes/No options. If CMC Charges are included an option for number of years for CMC required after the warranty period shall be available. Under this options up to 5 years can be chosen for CMC charges beyond warranty period.
7. The CMC functionality shall be available in bid only and no direct RA shall be applicable. In case of bid to RA decrement rules shall be applicable on total price inclusive of CMC charges. Bunching of products shall not be available while creating bids with CMC charges.

7.1. Buyer shall indicate number of years of warranty by selecting option of 2 or 5 available in the field depending on warranty parameter applicable in category parameters for the equipment. The Seller while participating in Bid/RA will get fields to indicate CMC charges as percentage depending on number of years of CMC selected by Buyer. The following shall be applicable If 5 year CMC selected

- CMC charges for first year after warranty period – Percentage to be indicated- A 1
- CMC charges for second year after warranty period – Percentage to be indicated A2
- CMC charges for third year after warranty period – Percentage to be indicated A3
- CMC charges for fourth year after warranty period – Fixed amount to be indicated A4
- CMC charges for 5th year after warranty period – Percentage to be indicated A5

7.2. The calculation of CMC Charges shall take in to account of number of years of warranty and duration of CMC as specified while creating bid.

7.3. In the price evaluation, the system shall provide function to calculate the cost of each equipment by formula indicated below including CMC and then show the inter-se- ranking of the bidders. The following are the variables.

(i) Number of years for which CMC required.

(ii) Number of years of warranty. The formula for calculating total cost including CMC charges shall be :

Total cost for evaluation=  $C + C * (A1/100) / (1.10^n) + A2/100 / (1.10^{n+1}) + A3/100 / (1.10^{n+2}) + A4/100 / (1.10^{n+3}) + A5/100 / (1.10^{n+4})$

C – Cost for equipment quoted and n shall be number of years of warranty specified

If 2 year warranty specified n shall be 2 and if 5 year specified n shall be 5.

A1,A2 A3 A4 A5 shall depend on how many years CMC selected If 3 year means only A1,A2 and A3 factor to be not taken in to account and A4 and A5 will not be applicable

7.4. CMC charges to be indicated for each subsequent year should be same or higher than preceding year.

7.5. The CMC charges shall be offered within range of 3 to 10% of cost of equipment.

8. Since CMC charges are to be paid only later for each year during CMC period , applicable performance guarantee amount after placement of contract shall be based on the cost of equipment and not on basis of cost of equipment along with CMC Charges.

9. Performance bank guarantee applicable for CMC is to be submitted at start of the CMC and shall be applicable 3% as specified in bid on the total contract value including CMC Charges The PBG submitted after award of contract shall be released only after new PBG for the CMC period is submitted and accepted by buyer/consignee after due verification. Bank guarantee for CMC is to remain valid till completion of CMC period plus one year .The bank guarantee for CMC shall be submitted to buyer directly.

10. In case of splitting of quantity equipment cost and CMC charges offered by L-1 in the evaluated cost shall be matched by higher quoting eligible bidders on one to one basis .The equipment cost shall be matched and CMC charges shall be matched year to year.

11. The CMC Contract shall be an offline contract to be handled by buyer. The payment of CMC will be made on quarterly basis after satisfactory completion of said period, duly certified by end user and scope of CMC will be as per para 1 above.

12. The above terms and conditions shall be part of the bid as well as part of the contract.

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

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

**---Thank You---**