

बिड दस्तावेज़ / Bid Document

बिड विवरण/Bid Details	
बिड बंद होने की तारीख/समय /Bid End Date/Time	09-01-2026 17:00:00
बिड खुलने की तारीख/समय /Bid Opening Date/Time	09-01-2026 17:30:00
बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)	180 (Days)
मंत्रालय/राज्य का नाम/Ministry/State Name	Ministry Of Health And Family Welfare
विभाग का नाम/Department Name	Department Of Health And Family Welfare
संगठन का नाम/Organisation Name	HII Lifecare Limited
कार्यालय का नाम/Office Name	HII Bhavan, Registered Office, Poojapura
कुल मात्रा/Total Quantity	6
वस्तु श्रेणी /Item Category	Hemodialysis Machine , 12 Channel ECG Machine , Ophthalmic Hydraulic Table and Chair , Multipara Monitor , Air Conditioner 1.5 Ton , Refrigerator 236-246 L
GeMARPTS में खोजी गई स्ट्रिंग्स / Searched Strings used in GeMARPTS	Hemodialysis Machine, 12 Channel ECG Machine, Ophthalmic Hydraulic Table and Chair, Multipara Monitor, Air Conditioner 1.5 Ton, Refrigerator 236_246 L

बिड विवरण/Bid Details	
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	<p>Searched String: Hemodialysis Machine</p> <p>Hemodialysis Machine, Paper Shredding Machines (V2), Hemodialysis Machine Disinfectants (V2), Permanent Hemodialysis Catheter, Haemodialysis Machine, High Vacuum Suction Machine (V2), Hemodialysis Machine with SLED and HDF, Hemodialysis Catheter Kit, Hemodialysis chair, Sanitary Napkins Vending Machines</p> <p>Searched String: 12 Channel ECG Machine</p> <p>ECG Machine, Electrocardiography (ECG) Machine (V2), ECG Pagewriter machine, Video Recorder for CCTV System (V2), Biomedical Waste Shreding Machine as per IS 12065, IS 7494, IS 1762, Manual Single Channel Air Displacement Pipetters Or Micropipette (V2), Household Sewing Machines Bobbins as per IS 1294, Band Saw Machine, Compression Testing Machine, Hearing Aid</p> <p>Searched String: Ophthalmic Hydraulic Table and Chair</p> <p>Six Seater Table Chair Kit, Modular Table / Meeting Table / Centre Table (V2), Stainless Steel Dining Table With Fixed Chair, Waiting Area / Airport Terminal / Public Place / Reception area Chair or Seat (V2), Fluoroscopy Procedure Table cum Chair for Video Urodynamic Studies, medical stools or chairs, Pedicure and Manicure Chair, Executive Table (V3), Folding Chair (V2), Styling Chair / Salon Chair / Swiveling Barber Chair</p> <p>Searched String: Multipara Monitor</p> <p>Veterinary Multipara Monitor, Multipara Monitor - Low End, Veterinary Multipara Monitor (V2), Holter Monitor (V2), High End Multipara Monitor, High End Multipara Monitor (V2), Multipara Monitor - High End, Cardiac Monitor with defibrillator, intracompartmental pressure monitoring set accessories (Pressure Monitoring Line), Computer Monitor</p> <p>Searched String: Air Conditioner 1.5 Ton</p> <p>Unitary Air Conditioner (Window AC) (V3) ISI Marked to IS 1391 (Part 1), Battery Cell as per IS 9128, IS 8144, Unitary Air Conditioner (Window AC) (V2) as per IS 1391 (Part 1), Split Air Conditioner, Wall Mount Type (V3) ISI Marked to IS 1391 (Part 2), Ductable Air Conditioner, PVC Copper Cable Single Core and Multi Core Circular Sheathed Cord with Flexible Conductor (V2) as per IS 694, Panel Air Conditioner, Split Air Conditioner, Ceiling Mount Type (Cassette) (V3) ISI Marked to IS 1391 (Part 2), Precision Air Conditioner, Split Air Conditioner Including Green AC, Wall Mount Type (V2)</p> <p>Searched String: Refrigerator 236_246 L</p> <p>Pressure Calibrator, Go Cast Making Machine (V2), Ice Lined Refrigerator</p>
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	<ul style="list-style-type: none"> • Hemodialysis Machine • High End Multipara Monitor (V2) • Electrocardiography (ECG) Machine (V2)
बीओक्यू शीर्षक /BOQ Title	BOQ116

बिड विवरण/Bid Details	
बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का) /Minimum Average Annual Turnover of the bidder (For 3 Years)	9 Lakh (s)
उन्हीं/समान सेवा के लिए अपेक्षित विगत अनुभव के वर्ष/Years of Past Experience Required for same/similar service	3 Year (s)
टर्नओवर के लिए एमएसई को छूट प्राप्त है / MSE Relaxation for Turnover	Yes Complete
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / Startup Relaxation for Years of Experience and Turnover	No
विक्रेता से मांगे गए दस्तावेज़/Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,Additional Doc 1 (Requested in ATC),Compliance of BoQ specification and supporting document *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
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेज़ों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेनू है/Do you want to show documents uploaded by bidders to all bidders participated in bid?	Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in)
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / Minimum number of bids required to disable automatic bid extension	3
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	3
ऑटो एक्सेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count	3
विगत प्रदर्शन / Past Performance	30 %
बिड से रिवर्स नीलामी सक्रिय किया जाना है। / Bid to RA enabled	Yes
रिवर्स नीलामी योग्यता नियम/RA Qualification Rule	50% Lowest Priced Technically Qualified Bidders
बिड का प्रकार/Type of Bid	Two Packet Bid
प्राथमिक उत्पाद श्रेणी/Primary product category	Hemodialysis Machine
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय / Time allowed for Technical Clarifications during technical evaluation	2 Days

बिड विवरण/Bid Details	
निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
वित्तीय दस्तावेज की आवश्यकता है / Financial Document Required	Yes
मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

ईएमडी विवरण/EMD Detail

एडवाइजरी बैंक/Advisory Bank	HDFC Bank
ईएमडी राशि/EMD Amount	38000

ईपीबीजी विवरण /ePBG Detail

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईपीबीजी प्रतिशत (%) /ePBG Percentage(%)	5.00
ईपीबीजी की आवश्यक अवधि (माह) /Duration of ePBG required (Months).	15

(a). जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज प्रस्तुत करने हैं। एमएसई केटेगरी के अंतर्गत केवल वस्तुओं के लिए विनियोग तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।/EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b).ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए। / EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

लाभार्थी /Beneficiary :

CHIEF GENERAL MANAGER (HR)

EMD shall be in favour of HLL Lifecare Limited. Performance security shall be in favour of M/s PowerGrid Corporation of India Limited, and the details will be given along with purchase order issued by HLL.

Grid Corporation of India Limited, Southern Region Transmission System-I ,6-6-8/32 & 395E, Kavadiguda Main Road, Secunderabad – 500 080 (Telangana).
(Chief General Manager - Hr)

बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

एमआईआई खरीद वरीयता / MII Purchase Preference

एमआईआई खरीद वरीयता / MII Purchase Preference	Yes
मेक इन इंडिया विक्रेताओं को खरीद में प्राथमिकता, यदि उनका मूल्य $L1+X\%$ तक की सीमा में है / Purchase Preference to MII sellers available upto price within $L1+X\%$	20
मेक इन इंडिया खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MII purchase preference	50
सार्वजनिक खरीद (मेक-इन-इंडिया को प्राथमिकता) आदेश 2017 के अनुसार केवल क्लास 1/क्लास 2 के स्थानीय आपूर्तिकर्ताओं को ही भागीदारी की अनुमति है दिनांक 16.09.2020 (समय-समय पर संशोधित एवं लागू) / Allow participation only from Class 1/Class 2 local suppliers as per the Public procurement(Preference to Make-in-india) order 2017 date 16.09.2020(as amended and applicable time to time)	Yes, in compliance with the MII ORDER : DPIIT Order(as amended and applicable time to time)

एमएसई खरीद वरीयता/MSE Purchase Preference

एमएसई खरीद वरीयता/MSE Purchase Preference	Yes
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माताओं को खरीद में प्राथमिकता, यदि उनका मूल्य $L1+X\%$ तक की सीमा में हो / Purchase Preference to MSE OEMs available upto price within $L1+X\%$	15
सूक्ष्म और लघु उद्यम को खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MSE purchase preference	25

- If the bidder is a Micro or Small Enterprise (MSE) as per latest orders issued by Ministry of MSME, the bidder shall be relaxed from the eligibility criteria of "Bidder Turnover" as defined above subject to meeting of quality and technical specifications. If the bidder itself is MSE OEM of the offered products, it would be relaxed from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Turnover, shall upload the supporting documents to prove his eligibility for Relaxation.
- 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 above 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.
- Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM of the product offered in the bid {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts and delivery acceptance certificates like CRAC 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.
- 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 .The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023.

[OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

5. Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal 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 themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. 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 and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. 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 MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM No. F.1/4/2021-PPD dated 18.05.2023 [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

6. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

7. 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. 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.

8. Reverse Auction would be conducted amongst first 50% of the technically qualified bidders arranged in the order of prices from lowest to highest. Number of sellers eligible for participating in RA would be rounded off to next higher integer value if number of technically qualified bidders is odd (e.g. if 7 bids are technically qualified, then RA will be conducted amongst L-1 to L-4). In case number of technically qualified bidders are 2 or 3, RA will be between all without any elimination. If Buyer has chosen to split the bid amongst N sellers, then minimum N sellers would be taken to RA round. In case Primary products of only one OEM are left in contention for participation in RA based on lowest 50% bidders qualifying for RA, the number of sellers qualifying for RA would be increased to get at least products of one more OEM (directly participated or through its reseller) if available. Further, if bid(s) of any seller(s) eligible for MSE preference is / are coming within price band of 15% of Non MSE L-1 or if bid of any seller(s) eligible for Make in India preference is / are coming within price band of 20% of non MII L-1, then such MSE / Make in India seller shall also be allowed to participate in the RA process.

एक्सेल में अपलोड किए जाने की आवश्यकता /Excel Upload Required :

BOQ116 - [1767090296.xlsx](#)

Hemodialysis Machine

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ramesh R	695012,HLL LIFECARE LTD, HLL BHAVAN, POOJAPURA, THIRUVANANTHAPURAM	1	30

12 Channel ECG Machine

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ramesh R	695012,HLL LIFECARE LTD, HLL BHAVAN, POOJAPURA, THIRUVANANTHAPURAM	1	30

Ophthalmic Hydraulic Table And Chair

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local

Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)**तकनीकी विशिष्टियाँ /Technical Specifications**

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परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ramesh R	695012,HLL LIFECARE LTD, HLL BHAVAN, POOJAPURA, THIRUVANANTHAPURAM	1	30

Multipara Monitor**(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अहता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)****तकनीकी विशिष्टियाँ /Technical Specifications**

Specification Document	View File
BOQ Detail Document	View File

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ramesh R	695012,HLL LIFECARE LTD, HLL BHAVAN, POOJAPURA, THIRUVANANTHAPURAM	1	30

Air Conditioner 1.5 Ton

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

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परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ramesh R	695012,HLL LIFECARE LTD, HLL BHAVAN, POOJAPURA, THIRUVANANTHAPURAM	1	30

Refrigerator 236-246 L

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ramesh R	695012,HLL LIFECARE LTD, HLL BHAVAN, POOJAPURA, THIRUVANANTHAPURAM	1	30

क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें/Buyer Added Bid Specific Terms and Conditions

1. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 50 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity up to 50% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be $(\text{Increased quantity} \div \text{Original quantity}) \times \text{Original delivery period (in days)}$, subject to minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.

2. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

TECHNICAL SPECIFICATION

1. HEMODIALYSIS MACHINE

- Should have facility for conventional dialysis with latest microprocessor controlled technology. Machine should have one 10 microns filter at water inlet and one bacterial filter before water going to dialyzer in built
- Battery back- up for at least 20-30 mins.
- Dry bicarbonate bag compatibility (Optional).
- Na & UF profiling.
- Dialysate temperatures selectable between 35 °C to 39 °C
- Variable conductivity setting between 13-15
- Should have variable dialysate flow of 300-700 ml per minute or more
- Should have facility to show trends curve of all parameter for 15-20 minutes.
- Heparin pump with syringe sizes up to 10-20 ml or more with pump flow rate from 1-10 ml per hour (0.1 increments)
- Ultra filtration 0.1 to 2.5 litres/ hr. The in and out fluid circuit must be separated so that there is no chance of contamination in the event of membrane rupture.
- Treatment parameters should be displayed both by graph and digitally. Should have integrated heat and chemical disinfection facility.
- Should have accurate feedback control conductivity mixing technique.
- Should have drain facility
- All important data should be preset so that machine can be used anytime without feeding data every.
- Should have automatic self-test facility.
- Should have auto ON/OFF facility.
- Machine should have TFT / LCD touch screen.
- Easy to service, troubleshoot and calibrate.
- Machine can be connected to computer to feed all data and trouble shoot whenever any problem.
- Blood pump rate from 50-500 ml/ min, adaptable to all standard A- V blood lines.
- Audio visual alarms on limit violation of conductivity, blood leak, air leak, transmembrane alarm, can empty alarm, end of disinfection alarm, bypass alarm and blood pump stop alarm.
- Alarm for reverse ultra-filtration.
- Machines should have real-time clearance surveillance for urea & KT/V to assess adequacy of dialysis (Optional).

- Comprehensive training for staff and support services till familiarity with the system.
- Equipment should be US FDA / CE (European)/ BIS approved for medical use and relevant copy of certificate shall be submitted.
- Manufacturers/Suppliers should have ISO certification for Quality Standards.
- Electrical safety conforms to standards for electrical safety IEC-60601 or better-general requirements.
- Certificate of calibration and inspection to be provided after installation.
- Should be CDSCO/SLA approved, as applicable and relevant copy of certificate shall be submitted.

2. 12 CHANNEL ECG MACHINE

- Machine should have 12 channel simultaneous acquisition of all 12 leads.
- Machine should have at least 8 inch or more LCD color and moveable display.
- Machine should have onscreen user guide function.
- Machine should have facility to provide more than 200 findings including Brugada syndrome detection with detailed analysis
- Machine should have facility to display the data Waveform, patient information, recording settings, operation mode, heart rate, QRS sync mark, error message, electrode Detachment, noise.
- Machine should have facility for transferring the ECG waveform and analysis result to the PC with USB LAN or Wireless LAN card to review data without recording in paperless mode.
- Machine should have facility of integration with network server.
- The Machine should be lightweight 5 kg or lesser and easily portable.
- Machine should run on AC current & rechargeable battery.
- The ECG machine should conform to AHA, ACC guidelines for medical equipment.
- The unit should have both Auto and Manual mode.
- Machine should have facility to upgrade Synthesized 18-Lead ECG with ST- Polar Map to Identify invisible ischemia checking posterior and right ventricular ECG (price to be quoted separately)
- Should have Network printer connectivity.
- Machine should have preview facility of ECG waveform and interpretation result on display prior to printing.
- Machine should have sample rate 8000 samples per second.
- Machine should have printed data with ECG waveform, heart rate, lead name, version, date and time, paper speed, sensitivity, filter setting, patient information, measured information, and marks.
- Machine should have internal data storage facility.
- Machine should have external data storage facility in PDF format with optional SD-card or USB.
- Machine should complies IEC standard IEC60601-2-51

3. Ophthalmic Hydraulic Table & Chair

Technical Specification

- Should have facility for standing or sitting working position.
- Should be an Ideal operating table with the advantages of strong applicability easy to operate.
- It should adjust conveniently and steady performance.
- Should have ergonomic design ensuring both surgeon and patient comfort.
- Should have patient comfort with deep antistatic cushions which are easy to clean.
- Should have facility for adjustable cushioned head rest ensures doctors comfort and restraint During Operations.

- It should have Minimum height 690 mm, Maximum height 920 mm, Stroke Length 260 mm, weight capacity 250 kg.
- Should have Facility for Bed Tilting, Back rest section / leg section: 20° / 30°
- Should have Power supply ~110 - 230v (optional 110v), 50-60 Hz
- Should have Power consumption less than of 120 VA
- Should have Dimension of 1900 mm (L) X 600 mm (W)
- Should have Net weight less than 120 Kg
- Should be supplied with Standard accessories including Foot switch (1 no) and power cord (1 no)

4. Multipara Monitor

- The monitor should have features suitable for all patient categories, i.e. Neonate, Pediatrics & Adult patients.
- Monitor must have bright, minimum 10" or more Color LCD/TFT display with full touch screen facility.
- Monitor should be compact, lightweight with weight less than 5 kg including battery.
- Monitor must have the facility of displaying at least 5 waveforms along with related numerical parameters on single screen.
- Monitors should have facility to monitor ECG, SpO2, NIBP, Respiration and temperature.
- Monitor should be ready to connect IBP.
- Monitor should be upgradeable to measure Non-invasive continuous cardiac output from basic parameters like ECG, SpO2 and NIBP/IBP, without the need of dedicated catheter or sensor. (price to be quoted separately).
- The monitor should have facility of displaying large numerical and should have multiple layout of screen.
- Monitors should have ST segment calculations with all latest advanced arrhythmia detection.
- VPC count and ST level reading should be displayed continuously on the screen.
- Should display perfusion index (PI %) from SpO2 as an indication of pulse strength at the sensor site. SpO2 probe must be durable.
- Should have facility of tourniquet from NIBP cuff for doing venous puncture procedure.
- Monitors should have facility to review last 120 hours or more graphical and numerical trends having options to select the items to be displayed in trend table.
- Should have facility to store ECG waveform of last 120 hours as standard feature.
- Should have facility to detect advance arrhythmias (at least 15 different types) and should show no of arrhythmias occurred with ECG waveform for last 120 hours.
- Monitor should have graded audio/visual alarm color coding & should be visible from a distance.
- Alarm limit status (ON/OFF) must be indicated on-screen for each parameter and actual parameter alarm settings must be displayed on-screen when alarms are on.
- Should have facility to change the priority of alarms of various parameters and arrhythmia. It should have feature of escalating technical alarms to higher priority in case user miss them.
- Waveform color changing should be user configurable.
- Should have internal rechargeable battery for 3 hours or more operation along with battery charge indicator.
- Patient monitoring network shall use standard TCP/IP protocol and be capable of residing on hospital's network infrastructure.
- Should be compatible with HIS and should be HL7 compliant.
- Monitor should have onscreen guide function to assist user in finding solution for various technical alarms associated with parameters.
- Monitor should have ESU & Defibrillation protection.
- Monitor should be CE or FDA approved.
- Each monitor to be supplied with following:
 - a. 3 Lead ECG electrode cable with connection cord - 01. No
 - b. Adult SpO2 finger sensor with connection cable - 01 no.
 - c. NIBP Air hose with cuff for Adult (13 cm) - 1 No
 - d. Temp Probe rectal - 01 No.

- e. IBP Cable – 2 No along with transducer

5. Air Conditioner (1.5 Ton)

- Should have facility of 1.5 Ton 3-Star Split AC.
- Should have facility of Cooling Capacity 1.5 Ton (Approx. 5.28 kW)
- Should have Energy Efficiency Rating 3 Star (BEE Rating)
- Should have Power Consumption 1500W - 1700W
- Should have Refrigerant R-32 or R-410A (Eco-friendly refrigerants)
- Should have Voltage 220-240V AC, 50Hz
- Should have Airflow (CFM) 500 - 600 CFM
- Should have Indoor Unit Dimensions (H x W x D) 290 x 1000 x 235 mm
- Should have Outdoor Unit Dimensions (H x W x D) 550 x 780 x 300 mm
- Should have Weight (Indoor/Outdoor Unit) Indoor: 8-10 kg, Outdoor: 30-35 kg (approx.)
- Should have Compressor Type Rotary/Scroll
- Should have Fan Speed 3-4 Speed
- Should have Noise Level (Indoor/Outdoor) Indoor: 30-40 dB, Outdoor: 45-55 dB
- Should have Air Filters Anti-bacterial, Dust, and PM2.5 Filters
- Should have Cooling Type Split (Indoor & Outdoor Units)
- Should have Dehumidification with adjustable setting
- Should have Auto Restart (with memory function)
- Should have facility Modes Auto, Cool, Dry, Fan, Sleep Mode, Turbo Mode
- Should have Voltage Protection (Over-voltage/Under-voltage protection)
- Should have Display Type LED Digital Display
- Should supply along with 1kVA stabiliser.
- Installation to be completed by the vendor

6. Refrigerator (236 - 246L)

Technical Specification

- Should have facility of Capacity: Around 236-246 Liters total storage.
- Should have facility of Cooling Capacity 1.5 Ton (Approx. 5.28 kW)
- Capacity: Around 236-246 Liters total storage.
- Should have facility of Type: Double Door, Frost-Free
- Should have facility Compressor: Smart Inverter Compressor.
- Should have facility of Convertible: Allows the freezer to convert into a fridge for extra storage.
- Should have facility of Multi Air Flow: Distributes cool air evenly throughout the refrigerator.
- Should have facility of Smart Connect: Helps connect the refrigerator to your home inverter for continuous operation during power cuts.
- Should have facility of Stabilizer-Free Operation: Operates within a wide voltage range, reducing the need for a separate stabilizer.
- Should have facility of Energy Rating: Often a 3-Star rating.
- Should have facility of Finish: May come in PET finish or other options.

3. Buyer Added Bid Specific ATC

Buyer uploaded ATC document [Click here to view the file.](#)

अस्वीकरण/Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for attached categories, trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.
15. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template as indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by GeM GTC.
16. In a category based bid, adding additional items, through buyer added additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogs or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

All GeM Sellers/Service Providers shall ensure full compliance with all applicable labour laws, including the provisions, rules, schemes and guidelines under the four Labour Codes i.e. the Code on Wages, 2019; the Industrial Relations Code, 2020; the Occupational Safety, Health and Working Conditions Code, 2020; and the Code on Social Security, 2020 as and when notified and brought into force by the Government of India.

For all provisions of the Labour Codes that are pending operationalisation through rules, schemes or notifications, the corresponding provisions of the pre-existing labour enactments (such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972, etc. and relevant State Rules) shall continue to remain applicable.

The Seller/ Service Providers shall, therefore, be responsible for ensuring compliance under:

- **All notified and enforceable provisions of the new Labour Codes as mentioned hereinabove; and**
- **All operative provisions of the erstwhile Labour Laws until their complete substitution.**

All obligations relating to wages, social security, safety, working conditions, industrial relations etc. and any other statutory requirements shall be strictly met by the Seller/ Service Provider. Any non-compliance shall constitute a breach of the contract and shall entitle the Buyer to take appropriate action in accordance with the contract and applicable law.

यह बिड सामान्य शर्तों के अंतर्गत भी शासित है। /This Bid is also governed by the General Terms and Conditions

जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस नियिदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।/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.

---धन्यवाद/Thank You---