

E-TENDER Document for

SELECTION OF SERVICE PROVIDER FOR ESTABLISHMENT, MAINTENANCE & OPERATIONS OF USG & X-Ray (with FLOUROSCOPY) EQUIPMENT AT HINDLABS

TENDER No: HLL/HCS/eTender/2025-26/01 Dated 03.04.2025



HLL LIFECARE LIMITED
(A Govt. Of India Enterprise)
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**NOTICE INVITING TENDER FOR SELECTION OF SERVICE PROVIDER FOR
ESTABLISHMENT, MAINTENANCE & OPERATIONS OF USG & X-Ray (with FLOUROSCOPY)
EQUIPMENT AT HINDLABS**

HLL Lifecare Limited, a Government of India Enterprise, invites bids from eligible parties for Providing and Maintaining Machines at Hindlabs, AIIMS Gorakhpur

TENDER NO	:	HLL/HCS/eTender/2025-26/01
TENDER PUBLISHING DATE	:	03.04.2025
LAST DATE AND TIME FOR RECEIPT OF TENDER	:	05.04.2025 02:00 PM
TIME AND DATE OF OPENING OF THE TENDER	:	07.04.2025 02:00 PM
TENDER FEE	:	Rs. 1500.00 (Rupees Thousand Five Hundred only)
EMD	:	Rs. 500000.00 (Rupees Five Lakhs only)
PLACE OF OPENING OF TENDER	:	HLL LIFECARE LIMITED HLL BHAVAN, POOJAPPURA, TRIVANDRUM, KERALA- 695012 PHONE NO – 0471 2354949
ADDRESS FOR COMMUNICATION	:	AVP i/c & BH (HCS) HEALTHCARE SERVICES DIVISION HLL LIFECARE LIMITED, HLL BHAVAN, POOJAPPURA TRIVANDRUM, KERALA- 695012 PHONE NO – 0471 2354949,2775500
EMAIL ID	:	hcstenders@lifecarehll.com

**Associate Vice President i/c& BH (HCS)
HEALTHCARE SERVICES DIVISION**

DISCLAIMER

The information contained in this document is confidential in nature. The bidders shall not share this information with any other party not connected with responding to this TENDER Document. All information contained in this Notice Inviting Tender (NIT) provided / clarified are of good interest and faith. This is not an agreement and is not an offer or invitation to enter into an agreement of any kind with any party.

The information contained in this TENDER Document or subsequently provided to Bidder(s) whether verbally or in writing by or on behalf of HLL Lifecare Limited (HLL) shall be subject to the terms and conditions set out in this Tender Document and any other terms and conditions subject to which such information is provided. Though adequate care has been taken in the preparation of this Tender document, the interested firms shall satisfy themselves that the document is complete in all respects. The information is not intended to be exhaustive. Interested Bidders are required to make their own enquiries and assumptions wherever required. Intimation of discrepancy, if any, should be given to the specified office immediately. If no intimation is received by this office by the date mentioned in the document, it shall be deemed that the Tender document is complete in all respects and firms submitting their bids are satisfied that the Tender document is complete in all respects. If a bidder needs more information than what has been provided, the potential bidder is solely responsible for seeking the information required from HLL.

HLL reserves the right to provide such additional information at its sole discretion. In order to respond to the Bid, if required, and with the prior permission of HLL, each bidder may conduct his own study and analysis, as may be necessary. HLL reserves the right to reject any or all of the applications submitted in response to this Tender document at any stage without assigning any reasons whatsoever. HLL also reserves the right to withhold or withdraw the process at any stage with intimation to all who submitted the Tender.

HLL reserves the right to change/modify/amend any or all of the provisions of this Tender document. Such changes would be posted on the website of HLL (www.lifecarehll.com) and the CPP portal. Neither HLL nor their employees and associates will have any liability to any prospective respondent interested to apply or any other person under the law of contract, to the principles of restitution for unjust enrichment or otherwise for any loss, expense or damage which may arise from or be incurred or suffered in connection with anything contained in this Tender document, any matter deemed to form part of this Tender document, the award of the Assignment, the information and any other information supplied by or on behalf of HLL or their employees and Bidder or otherwise arising in any way from the selection process for the Assignment.

SECTION-1 INSTRUCTIONS TO BIDDERS (ITB)

1. COMPANY BACKGROUND

HLL Lifecare Limited is a Government of India “Mini Ratna” Public Sector Enterprise, under the Ministry of Health and Family Welfare, Government of India. (Hereinafter known as “HLL”). Over the years, HLL has grown to serve many new areas in the field of healthcare in India in addition to manufacturing of contraceptives, and medical products.

HLL’s purpose of business is “to be a globally respected organization focusing on inclusiveness by providing affordable and quality healthcare solutions through continuous innovations”. In its quest to become a comprehensive healthcare solutions provider, HLL had diversified into hospital products and healthcare services, while nurturing its core business of providing quality contraceptives.

Healthcare Services Division

The Healthcare Service Division (HCS) of HLL is setting up and operating High-end path lab facilities and imaging centres across the country partnering with various State Governments and Central Government Institutions. The purpose of this division is to make available the high-end path lab diagnostic facilities and imaging facilities to poor and needy patients at a much affordable rate. At present, HCS division of HLL has its presence in seven states.

2. INTRODUCTION

Through a chain of Healthcare Diagnostic centres, called HINDLABS, HLL offers clinical pathology lab services and Radio diagnostic imaging services. Over a period of short span HINDLABS emerged as one of the key player among retail diagnostic chains with 225 Diagnostic labs, 4000 collection centers (Which includes PHC, RH, DH, SSH, RRH, WH & MH) and 60+ medical imaging centres in various states and cities across India. HINDLABS uses state-of-the-art technology to provide the most comprehensive and advanced imaging services. The facilities are designed to comply with National Accreditation Board for Testing and Calibration Laboratories (NABL) standards.

3. SCOPE OF TENDER:

HLL is operating and managing the X-ray, USG, CT & MRI services at AIIMS Gorakhpur HLL is under the brand name of Hindlabs. The duration of services is until 25th February, 2026 which is extendable to further period of one year. Now HLL intends to identify a service provider who can deploy, operate by providing required manpower and maintain following machines at this facility during this period.

- i. 3D/4D USG (Ultrasonography) equipment with latest technical specifications for

- routine USG, Color Dopplers, Level -II, Fetal Dopplers, TVS/TRS, Small parts, Pregnancy Dopplers and Echocardiography – 2 nos.
- ii. X-Ray equipment with Flouroscopy for all kinds of Contrast Studies and routine X-Rays – 1 no.

3.1. Scope of Service provider

- Installation and maintenance of two new UltraSound equipment with technical specifications for routine USG, Dopplers, Level -II, Fetal Dopplers, Pregnancy Dopplers and Echocardiography and one number new X-Ray Machine with flouroscopy as per the specifications in **Annexure-1**.
- Up-time management and maintenance of the machines as per the requirement of HLL
- Procurement and timely supply of all ancillaries, consumables etc. essential for the smooth operations at the cost of service provider.
- Support in installation and commissioning of equipment
- Providing all sorts of IT accessories : computers, printers, power backup (Online UPS)
- Providing necessary furniture if required.
- Modifying USG and X-Ray rooms as per PNDT and AERB respectively.
- Providing adequate support staff like nurses, attendants, Radiographers as required for ensuring smooth operations of X-ray and USG services.
- Providing Radiologists (one each for Ultrasound machines and one for Xray machine), Technologists adhering to PC-PNDT Rules.
- Obtaining and maintaining essential mandatory compliances.
- Support HLL to ensure provision of all services 24 x 7
- Conducting preventive as well as breakdown maintenance of the equipment and Enrolment in CAMC/AMC for the machines at their cost.
- Meet all statutory and regulatory guidance and requirements.
- Any other responsibility assigned by HLL to ensure smooth operations of X-Ray and USG services.

3.2. Scope of HLL

- Provision of space and utilities for the equipment positioned by service provider.
- The complete Strategic Design, Planning and execution of the project
- Day to day operations of the project
- Coordination with AIIMS Gorakhpur for execution of project
- Maintain the quality standards and the SOP's
- Routine Reports and Coordination with all stakeholders

3.3. Revenue Sharing Model

- a) HLL intends to avail the support from service provider on a revenue sharing basis (Revenue generated from operation of the deployed equipment only), with minimum 10% revenue share to HLL.
- b) All the participants have to submit acceptance for offering minimum revenue share of 10% for HLL
- c) HLL will charge the beneficiaries the test rates as per prevailing CGHS Delhi Non- NABL/NABH rates and once the services are NABL/NABH accredited, CGHS NABL/NABH rates shall be applicable.
- d) HLL will retain the revenue share as agreed by service provider through their financial bid for the tests carried out in the machines positioned by service provider. Remaining amount after deducting all expenses incurred by HLL with regard to these machines will be released to the service provider.
- e) Service provider shall make independent assessment of proposed project and submit their financial quotes. The financial quote of the service providers shall specify the revenue share percentage acceptable to share with HLL for this particular proposal. Financial quotes will be evaluated based on the revenue share percentage to HLL over and above the minimum value of 10% as detailed below. Financial Quote has to be submitted as per the format provided in CPP portal.
- f) The evaluation for the project would be done on the basis of offered revenue share percentage to HLL. **Revenue share to HLL will be Minimum revenue share of 10% per term + additional revenue share offered in the price bid (b)%, i.e, (10+b) %.** The bidder offering the highest revenue share (H1 bidder) to HLL will be finalized as the Service provider for this project.
- g) Period of engagement will be terminated on completion of the project or closure of the project by HLL's Clients after issuing sufficient notice period.
- h) HLL will have the right to reject proposals if they are found to be unacceptable.

3.4. Eligibility Criteria

- The bidder shall be a sole provider/company, which may be a Partnership Firm, LLP, Private Limited, or Public Limited company.
- Bidders must have at least three years of experience of operating the Medical Imaging Facilities with equipment like X-ray and USG as per AERB and PNDT guidelines
- The bidder should have an average annual turnover of at least ₹100 lakh during the last three financial years.(FYs 2021-22,2022-23, 2023-24)

- If the bidder is not the manufacturer, they must provide an authorization letter from the Original Equipment Manufacturer (OEM).
- Bidder must have experience of employing minimum of two Radiologists during last Three years.
- Equipment to be deployed shall meet the technical specifications as mentioned in this document. Item by item technical specifications compliance statement must be submitted.
- The equipment supplied by the bidder should have valid licenses as per the technical specifications.
- The bidder must have qualified technical personnel for installation, training, maintenance, and support and should ensure a service response time of no more than 48 hours from the time of complaint.
- The bidder should not be currently blacklisted or debarred by any government institution or public sector organization.

3.5. **Documents to be Submitted**

- EMD & Tender Fee details
- Signed copy of tender document
- Power of attorney for signatory of bid in Rs. 200.00 stamp paper duly notarised.
- Copy of valid business registration certificate /Certificate of Incorporation
- Copy of GST registration and PAN card issued by the Income Tax Department.
- Audited financial statements or certificate of turnover from a registered chartered accountant for the last three financial years. (FYs 2021-22,2022-23, 2023-24)
- Documentary proof of experience in operations of medical imaging and related services (such as work orders, contracts, or completion certificates from at least one healthcare or diagnostic facilities. In case of own facility, CA certified declaration evidencing operation of medical imaging facilities for last Three years are to be submitted).
- Proof of experience of employing two radiologists during last three years – Offer letters/agreements.
- Manufacturer's authorization letter (if the bidder is not the manufacturer), as per Format-A
- Item by Item technical specifications compliance statement.
- Copies of valid licenses/ certifications for the equipment as per technical specifications.
- List of trained engineers/technicians along with their qualifications and certifications.
- Declaration of compliance with service and maintenance requirements, including a commitment to a maximum 48-hour response time. (Format-B)
- Declaration for uninterrupted supply of reagents & consumables (Format-C)
- Declaration stating that the bidder is not blacklisted or debarred by any government institution or public sector organization. (Format-D)
- Any other document as specified in this tender.

3.6. **General Terms and Conditions**

3.6.1.	<ul style="list-style-type: none"> a. The successful bidder has to supply, install, Calibrate and Demonstrate equipment and associated accessories including compatible UPS free of cost and free of rent for the entire contract period. b. Deployed equipment must be new and unused. Used or Refurbished equipment are not acceptable. c. Selected bidder must ensure continual operations of the equipment without any interruptions. Also, Radiologists and supporting staff must be deployed as per the requirement of HLL continuously during the engagement period without any operational disruptions. d. The successful bidder has to supply the reagents and consumables on free of cost basis as per the purchase order to this hospital for the entire contract period. e. The supplied equipment shall be used in all days round the clock of the year. f. Maintenance of the installed equipment (including backup) with associated accessories including compatible UPS for the entire contract period at free of cost. i.e. The maintenance and repair work of the analyzer and associated accessories is the responsibility of the successful bidder. g. HLL shall provide space, manpower for operating the equipment. h. Quality and status of Equipment supplied will be checked and verified by HLL upon supply prior to installation. Supplier must provide documentary proof of the date and place of manufacturing of equipment at the time of supply. i. The supplier must perform equipment calibration/Preventive maintenance/Quality Assurance as per manufacturer's recommendation to fulfill the requirement of as specified from time to time and records must be made available including certificate of calibration. The cost of calibrators/Consumables shall be borne by the Service Provider for the duration of the contract. j. The bidder must ensure an uninterrupted supply of consumables required for the scans performed on the supplied equipment. k. The bidder must comply with all statutory and regulatory guidelines related to the installation, maintenance, and operation of medical equipment. l. The instrument should be provided with appropriate online UPS and must provide a backup for at least 30 minutes in the event of disruption of main power supply. m. The instrument should be capable of online help, maintenance logs and data storage facility with live remote service 24x7.
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	<p>n. The bidder shall ensure an uptime of more than 95% for the entire duration of the project.</p> <p>o. The Bidder shall maintain stock of two month's supply of reagents and consumables and information of the inventory must be provided to the Center Manager.</p> <p>p. The bidder should include comprehensive training program for staffs.</p> <p>q. The instrument should have an auto save mode for data in case of sudden failure of power supply.</p> <p>r. Maintenance schedule should be based on objective performance criteria and must be under the supervision of faculty In-charge.</p> <p>s. If patient load increases or based upon the future requirement, instrument will be upgraded with advanced model with higher throughput within stipulated time as decided by the competent authority of the HLL by the bidder free of cost.</p> <p>t. All software updates should be provided free of cost during period of contract.</p> <p>u. Bidders are strongly advised to visit the site and carry out assessment work before bidding.</p> <p>v. All minor works like electrical works required for commissioning, installation and smooth running of equipment (s) like cable wire, electrical outlets, switches, cable trenches, railing, etc should be fireproof, certified for electrical safety as per international standard, are of reputed make and shall be done by the bidder.</p> <p>w. Service Provider has to provide proper drainage ports/traps for prevention of contamination and bacterial growth.</p> <p>x. Service Provider has to provide all necessary safety equipment to site as per international guidelines.</p> <p>y. The System should be installed at the Institute site by the company subject to fulfilment of the pre- installation conditions as specified by the company in its pre- installation and training requisites. After installation, the Institute will provide proper environment including electrical and storage area, etc. for system operation and its maintenance.</p>
3.6.2.	While this Tender has been prepared in good faith, HLL does not make any commitment or warranty, express or implied, or accept any responsibility or liability, whatsoever, in respect of any statement or omission herein, or the accuracy, completeness or reliability of information contained herein, and shall incur no liability under any law, statue, rules or regulations as to the accuracy, reliability or completeness of this request, even if any loss or damage is caused by any act or omission on its part.
3.6.3.	The process of inviting Tender is to ascertain various options available to HLL. After evaluation / examination of the offers, HLL may at its sole discretion decide further

	course of action.
3.6.4.	On submission of financial bid, participant confirms its acceptance to all terms and conditions of Tender and scope of work.
3.6.5.	Tender participants are requested to keep the information and details strictly confidential.
3.6.6.	HLL shall not be responsible for any expense incurred by Parties in connection with the preparation and delivery of their Tender and other expenses.
3.6.7.	HLL reserves the right to deal with the proposal in any manner without assigning any reasons for the same. The decision of HLL in this regard shall be final.
3.6.8.	The Bidder to indemnify HLL from any claims / penalties / statutory charges, liquidated damages, with legal expenses etc as charged by the customer.
3.6.9.	Startups and MSEs will get exemptions/preferences as per statutory norms.

4. SUBMISSION OF BIDS

The Interested bidder shall submit their bid online only through the Government eProcurement portal (URL: <https://etenders.gov.in/eprocure/app>) as per the procedure laid down for e-submission as detailed in the web site. For e tenders, the Interested bidders shall download from the portal. The Bidder shall fill up the documents and submit the same online using their Digital Signature Certificate. On successful submission of bids, a system generated receipt can be downloaded by the bidder for future reference. Copies of all certificates and documents shall be uploaded while submitting the tender online.

The tender is invited in 2 Envelope system from the registered and eligible firms at CPP Portal.

Envelope –I (Technical bid):

The Bidder shall furnish all the documents as specified in the documents to be submitted section and as mentioned in this tender document. The financial bids of technically qualified bidders only will be considered for evaluation.

Envelope-II (Financial Bid)

Financial offer shall be quoted in the format provided in procurement portal and no other format is acceptable. Bidders are required to download the file, open it and complete the colored (Unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the file is found to be

modified by the bidder, the bid will be rejected.

Through submission of financial Bid, it is considered that participant agrees to all terms and conditions of this Tender.

Note:-

The Tender Inviting Authority shall not be responsible for any failure, malfunction or breakdown of the electronic system while downloading or uploading the documents by the Bidder during the e-procurement process.

5. GENERAL INSTRUCTIONS TO BIDDERS:

- 5.1 This Tender is an e-Tender and is being published online in Government eProcurement portal, <https://etenders.gov.in/eprocure/app>
- 5.2 Tender documents can be downloaded free of cost from the Central Public Procurement Portal of Government of India (e-portal). All Corrigendum/extension regarding this e-Tender shall be uploaded on this website i.e. <https://etenders.gov.in/eprocure/app>.
- 5.3 The Tender and its corrigendum/extension will also be published in our company website, URL address: <http://www.lifecarehll.com/tender>.
- 5.4 The Tender process is done online only at Government eProcurement portal (URL address: <https://etenders.gov.in/eprocure/app>). Aspiring bidders may download and go through the Tender document.
- 5.5 All bid documents are to be submitted online only and in the designated cover(s)/envelope(s) on the Government eProcurement website. Tenders/bids shall be accepted only through online mode on the Government eProcurement website and no manual submission of the same shall be entertained. Late Tenders will not be accepted.
- 5.6 The complete bidding process is online. Bidders should be in possession of valid Digital Signature Certificate (DSC) of class II or above for online submission of bids. Prior to bidding DSC need to be registered on the website mentioned above. If the envelope is not digitally signed & encrypted the Purchaser shall not accept such open Bids for evaluation purpose and shall be treated as non-responsive and shall be rejected.

- 5.7 Bidders are advised to go through “Bidder Manual Kit”, “System Settings” & “FAQ” links available on the login page of the e-Tender portal for guidelines, procedures & system requirements. In case of any technical difficulty, Bidders may contact the help desk numbers & email ids mentioned at the e-tender portal.
- 5.8 Bidders are advised to visit CPPP website <https://etenders.gov.in> regularly to keep themselves updated, for any changes/modifications/any corrigendum in the Tender Enquiry Document.
- 5.9 The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the Government eProcurement Portal.
- 5.10 Registration
- 5.10.1 Bidders are required to register in the Government e-procurement portal, obtain ‘Login ID’ & ‘Password’ and go through the instructions available in the Home page after log in to the CPP Portal (URL: <https://etenders.gov.in/eprocure/app>), by clicking on the link “Online bidder Enrolment” on the CPP Portal which is free of charge.
- 5.10.2 As part of the enrolment process, the bidders will be required to choose a unique user name and assign a password for their accounts.
- 5.10.3 Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 5.10.4 They should also obtain Digital Signature Certificate (DSC) in parallel which is essentially required for submission of their application. The process normally takes 03 days’ time. The bidders are required to have Class II or above digital certificate or above with both signing and encryption from the authorized digital signature Issuance Company. Please refer online portal i.e. - <https://etenders.gov.in/eprocure/app> for more details.
- 5.10.5 Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or above Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.
- 5.10.6 Bidder then logs in to the site through the secured log-in by entering their user ID/password and the password of the DSC / e-Token.
- 5.10.7 The Bidder intending to participate in the bid is required to register in the e-tenders portal using his/her Login ID and attach his/her valid Digital Signature Certificate (DSC) to his/her unique Login ID. He/She have to submit the relevant information as asked for about the firm/contractor. The bidders, who submit their bids for this Tender after digitally signing using

their Digital Signature Certificate (DSC), accept that they have clearly understood and agreed the terms and conditions including all the Forms/Annexure of this Tender.

5.10.8 Only those bidders having a valid and active registration, on the date of bid submission, shall submit bids online on the e-procurement portal.

5.10.9 Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse. Ineligible bidder or bidders who do not possess valid & active registration, on the date of bid submission, are strictly advised to refrain themselves from participating in this Tender.

5.11 Searching for Tender Documents

- a) There are various search options built in the CPP Portal, to facilitate bidders to search active Tenders by several parameters. These parameters could include Tender ID, Organization Name, Form of Contract, Location, Date, Value etc. There is also an option of advanced search for Tenders, wherein the bidders may combine a number of search parameters such as Organization
- b) Once the bidders have selected the Tenders they are interested in, they may download the required documents/Tender schedules. These Tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS/ e-mail in case there is any corrigendum issued to the Tender document.
- c) The bidder should make a note of the unique Tender ID assigned to each Tender, in case they want to obtain any clarification/help from the Helpdesk

5.12 Preparation of Bid

- a) Bidder should take into account any corrigendum published on the Tender document before submitting their bids.
- b) Before the deadline for submission of bids, the Tender Inviting Authority may modify the bidding document by issuing addenda.
- c) Any addendum thus issued shall be a part of the bidding documents which will be published in the e-tender website. The Tender Inviting Authority will not be responsible for the prospective bidders not viewing the website in time.
- d) If the addendum thus published does involves major changes in the scope of work, the Tender Inviting Authority may at his own discretion, extend the deadline for

submission of bids for a suitable period to enable prospective bidders to take reasonable time for bid preparation taking into account the addendum published.

- e) Please go through the Tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

5.13 More information useful for submitting online bids on the CPP Portal may be obtained at <https://etenders.gov.in/eprocure/app>

5.14 Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The 24x7 Help Desk details are as below: -

5.15 For any technical related queries please call at 24 x 7 Help Desk Number:

0120-4001 062, 0120-4001 002, 0120-4001 005, 0120-6277 787

Note: - International Bidders are requested to prefix +91 as country code

E-Mail Support: For any Issues or Clarifications relating to the published Tenders, bidders are requested to contact the respective Tender Inviting Authority

Technical - support-eproc@nic.in, Policy Related - cppp-doe@nic.in

5.16 Bidders are requested to kindly mention the URL of the portal and Tender ID in the subject while emailing any issue along with the contact details.

5.17 Any queries relating to the Tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a Tender or the relevant contact person indicated in the Tender. Address for communication and place of opening of bids:

Associate Vice President i/c and BH (HCS)

Healthcare Services Division

HLL Lifecare Limited

HLL Bhavan, Poojappura, Thiruvananthapuram - 695012,

Kerala, India

Tel: +91 4712354949 , Email – hcstenders@lifecarehll.com

5.18 The bids shall be opened online at the Office of the Associate Vice President i/c and BH (HCS) in the presence of the Bidders/their authorized representatives who wish to attend at the

above address. If the Tender opening date happens to be on a holiday or non-working day due to any other valid reason, the Tender opening process will be done on the next working day at same time and place.

- 5.19 More details can be had from the Office of the Associate Vice President i/c and BH (HCS) during working hours. The Tender Inviting Authority shall not be responsible for any failure, malfunction or breakdown of the electronic system while downloading or uploading the documents by the Bidder during the e-procurement process.
- 5.20 A firm/bidder shall submit only one bid in the same bidding process. A Bidder (either as a firm or as an individual or as a partner of a firm) who submits or participates in more than one bid will cause all the proposals in which the Bidder has participated to be disqualified.
- 5.21 Online Tender Process:
The Tender process shall consist of the following stages:
- i. Downloading of Tender document: Tender document will be available for free download on Government e-procurement portal (URL: <https://etenders.gov.in/eprocure/app>).
 - ii. Publishing of Corrigendum: All corrigenda shall be published on Government e-procurement portal (URL: <https://etenders.gov.in/eprocure/app>) and HLL website (URL address: <http://www.lifecarehll.com/tender>) and shall not be available elsewhere.
 - iii. Bid submission: Bidders have to submit their bids along with supporting documents to support their eligibility, as required in this Tender document on Government e-procurement portal. No manual submission of bid is allowed and manual bids shall not be accepted under any circumstances.
 - iv. Opening of Tender and Award of contract: The financial bids will be opened, evaluated and finalized as per the criteria detailed in this Tender document.
- 5.22 Conditional bids and bids not uploaded with appropriate/desired documents may be rejected outrightly and decision of HLL Lifecare Limited in this regard shall be final and binding.

- 5.23 HLL Lifecare Limited Ltd. reserves the right to verify the claims made by the bidders and to carry out the capability assessment of the bidders and the HLL Lifecare Limited's decision shall be final in this regard.
- 5.24 HLL Lifecare Limited Ltd reserves the right to amend or withdraw any of the terms and conditions contained in the Tender document including scope of work or reject any or all Tenders without giving any notice or assigning any reasons.
- 5.25 Submission Process:
For submission of bids, all interested bidders have to register online as explained above in this document. After registration, bidders shall submit their bid online on Government e-procurement portal (URL: <https://etenders.gov.in/eprocure/app>).
- 5.26 Note: - It is necessary to click on "Freeze bid" link / icon to complete the process of bid submission otherwise the bid will not get submitted online and the same shall not be available for viewing/ opening during bid opening process.

6. DEADLINE FOR SUBMISSION OF THE Tender FOR INTERESTED BIDDERS

- 6.1 Bid shall be received only online on or before the date and time as notified in Tender.
- 6.2 The Tender Inviting Authority, in exceptional circumstances and at its own discretion, may extend the last date for submission of bids, in which case all rights and obligations previously subject to the original date will then be subject to the new date of submission. The Bidder will not be able to submit his bid after expiry of the date and time of submission of bid (server time).
- 6.3 Modification, Resubmission and Withdrawal of Tenders
Resubmission or modification of bid by the bidders for any number of times before the date and time of submission is allowed. Resubmission of bid shall require uploading of all documents including price bid afresh.
- 6.4 If the bidder fails to submit his modified bids within the pre-defined time of receipt, the system shall consider only the last bid submitted.
- 6.5 The Bidder can withdraw his/her bid before the date and time of receipt of the bid. The system shall not allow any withdrawal after the date and time of submission.

7. BID OPENING AND EVALUATION

Tenders of Interested bidders shall be opened on the specified date & time, by the Tender inviting authority or his authorized representative in the presence of bidders or their designated

representatives who choose to attend.

8. BID OPENING PROCESS

Opening of bids shall be carried out in the same order as it is occurring in invitation of bids or as in order of receipt of bids in the portal. The bidders & guest users can view the summary of opening of bids from any system. Bidders are not required to be present during the bid opening at the opening location if they so desire.

In the event of the specified date of bid opening being declared a holiday for HLL, the bids will be opened at the same time on the next working day.

9. CONFIDENTIALITY

9.1 Information relating to the examination, clarification, evaluation, and comparison of Bids and recommendations for the award of a contract shall not be disclosed to Bidders or any other persons not officially concerned with such process until the award has been announced in favour of the successful bidder.

9.2 Any effort by a Bidder to influence the Purchaser during processing of bids, evaluation, bid comparison or award decisions shall be treated as Corrupt & Fraudulent Practices and may result in the rejection of the Bidders' bid.

10. BID VALIDITY

10.1 Bids shall remain valid for a period of engagement or additional extended time period as decided by HLL from the date of notification of Award. A bid valid for a shorter period shall be rejected by HLL as non-responsive.

10.2 In exceptional circumstances, prior to expiry of the original bid validity period, the Tendering Authority may request the bidders to extend the period of validity for a specified additional period. The request and the responses thereto shall be made in writing or by email. A bidder may refuse the request without forfeiting its bid security (if applicable). A bidder agreeing to the request will not be required or permitted to modify its bid, but will be required to extend the validity of its bid security (if applicable) for the period of the extension.

11. BID SECURITY (EMD)

11.1 Bidders have to submit EMD of Rs.500000 (Rupees Five lakhs) through RTGS/NEFT transfer in the following HLL A/c details:

Beneficiary	:	HLL LIFECARE LIMITED
Account No	:	00630330000563
IFSC Code	:	HDFC0000063
Bank Name	:	HDFC BANK
Branch Name	:	Vazhuthacaud

11.2 The Bid Security (EMD) of the successful Bidder will be discharged when the Bidder has furnished the required Security Deposit and acceptance of LOI/Work order.

11.3 Eligible MSME units interested in availing exemption from payment of EMD should submit a valid copy of their Udhyam registration certificate. But the Party has to provide Performance Security/Security Deposit if Tender is awarded to them.

11.4 The Bid Security may be forfeited:

(a) If a Bidder:

- Changes its offer/bid during the period of bid validity or during the validity of the contract.
- Does not accept the correction of errors

(b) In the case of the successful Bidder, if the Bidder fails:

- To sign the Agreement
- To deliver the material within stipulated time frame as per PO.
- To accept the Notification of award/Letter of Indent/ Purchase order and/or submit the security deposit.
- To acknowledge the Notification of award/Letter of Indent/ Purchase order within 5 days from the date of issue by sending the signed copy of the same.
- to furnish the Performance Security within the specified time period

11.5 In such cases the work shall be rearranged at the risk and cost of the selected bidder

11.6 The Bid Security deposited will not carry any interest.

12. ALTERATIONS AND ADDITIONS

12.1 The bid shall contain no alterations or additions, except those to comply with instructions, or as necessary to correct errors made by the bidder, in which case such corrections shall be initialed by the person or persons signing the bid.

- 12.2 The Interested bidder shall not attach any conditions of his own to the Bid. The Bid price must be based on the tender documents. Any bidder who fails to comply with this clause will be disqualified.

13. NOTIFICATION OF AWARD:

- 13.1 Successful participant after evaluation of financial bid will be notified through a Notification of Award (NoA) issued by HLL, detailing the terms and conditions of service based on the agreement between HLL & the cooperative society.
- 13.2 Selected participant has to submit performance security as will be specified in the NOA.
- 13.3 After receipt of performance security an agreement will be entered with the successful participant.

14. DURATION OF ENGAGEMENT

The entire contact period will be initially till 25th February, 2026 which may be extended upon satisfactory performance of the service provider after the performance review. However, this will be subject to the agreement between HLL and the client. In case of any change in terms of the agreement between HLL and client, suitable decision on the operation shall be taken by HLL.

15. CONFLICT OF INTEREST.

The selected Service provider shall not engage in activities that are in conflict with interest of the client (HLL) under the assignment and they would not engage in any contract that would be in conflict of interest with their current obligations. The selected Service provider that has a business of family relationship with such members of HLL staff who are directly or indirectly involved in this assignment will not be awarded the assignment.

16. PERFORMANCE SECURITY

- 16.1 The selected Service Provider has to submit an irrevocable and unconditional guarantee from a Bank in the form provided by HLL. The PBG amount shall be notified in the NoA. Until such time the Performance Security is provided by the Service Provider and the same comes into effect, the Bid Security shall remain in force and effect, and upon provision of the Performance Security, the HLL shall release the Bid Security (EMD) to the Service Provider. No interest shall be payable by the HLL against the Performance Security.

- 16.2 Appropriation of Performance Security

Upon occurrence of a Service Provider Default, the HLL shall, without prejudice to its other rights and remedies hereunder or in law, be entitled to encash and appropriate from the Performance Security the amounts due to it for and in respect of such Service Provider Default. Upon such encashment and appropriation from the Performance Security, the Service Provider shall, within 30 days thereof, replenish, in case of partial appropriation, to its original level the Performance Security, and in case of appropriation of the entire Performance Security by the HLL, provide a fresh Performance Security, as the case may be, failing which the HLL shall be entitled to terminate the Agreement with Service Provider. Upon replenishment or furnishing of a fresh Performance Security, as the case may be, as aforesaid, the Service Provider shall be entitled to an additional Cure Period of 15 days for remedying the Service Provider Default, and in the event of the Service Provider not curing its default within such Cure Period, the HLL shall be entitled to encash and appropriate such Performance Security as Damages, and to terminate the Agreement with Service Provider

16.3 Release of Performance Security

The Performance Security shall remain in force and effect for the entire period of the Agreement, shall be released after 90 (ninety) days of Transfer Date in accordance with the Agreement with Service Provider.

17. COURT JURISDICTION:

In the event of any dispute arising out of this agreement, the parties agree that the courts of Thiruvananthapuram, Kerala alone will have exclusive jurisdiction.

18. INDEMNITY

The Interested Bidder shall indemnify, defend and hold harmless Government of India and HLL, its Affiliates, officers, directors, employees, agents, and their respective successors and assigns, from and against any and all loss, damage, claim, injury, cost or expenses (including without limitation reasonable attorney's fees), incurred in connection with third Party claims of any kind that arise out of or are attributable to (i) Manufacturer's/Bidders/Service provider's breach of any of its warranties, representations, covenants or obligations set forth herein or (ii) the negligent act or omission of the Manufacturer /Bidders.(iii) any product/service liability claim arising from the gross negligence or bad faith of, or intentional misconduct or intentional breach of this Contract by bidder or its affiliate.

19. LIQUIDATED DAMAGES

19.1. If the party fails to execute the terms referred in the Tender within the stipulated time, they

shall be levied liquidating damages in line with the conditions that will be specified in the Notification of Award which will be in line with the work order received by HLL from AIIMS Gorakhpur.

20. HLL'S RIGHT TO ACCEPT OR REJECT ANY OR ALL BIDS

- 20.1 HLL reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to award Contract award, without thereby incurring any liability to the affected bidder or bidders.
- 20.2 HLL does not bind itself to accept the highest or any bid and reserves the right to reject any or all bids at any point of time prior to the issuance of the Notice of award/Letter of intent/Purchase order without reason whatsoever.
- 20.3 HLL reserves the right to resort to retendering without providing any reasons whatsoever. The purchaser shall not incur any liability on account of such rejection. The purchaser reserves the right to modify any terms, conditions or specifications for submission of offer and to obtain revised bids from the bidders due to such changes, if any.
- 20.4 Canvassing of any kind will be a disqualification and the purchaser may decide to cancel the bidder from its empanelment.
- 20.5 HLL reserves the right to accept or reject any bid and annul the bidding process and reject all bids at any time prior to award of contract without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the ground for the purchaser's action.

21. GOVERNING LANGUAGE

The contract shall be written in English language. English language version of the Contract shall govern its interpretation. All correspondence and documents pertaining to the Contract which are exchanged by the parties shall be written in the same language.

22. PAYMENT TERMS

- 22.1. HLL will charge the beneficiaries the test rates as per prevailing CGHS Delhi Non- NABL/NABH rates and once the services are NABL/NABH accredited, CGHS NABL/NABH rates shall be applicable.
- 22.2. HLL will raise the invoices to AIIMS Gorakhpur and claim the payments on monthly basis for cashless billings. With respect to Direct billing, revenue will be directly collected by HLL from patients. From the realised revenue, HLL will retain the revenue share as agreed by service provider through their financial bid as detailed below. Remaining amount after deducting all expenses incurred by HLL will be released to Service Provider.
- 22.3. HLL will provide test details conducted on the supplied equipment and revenue realised from

- this equipment to Service Provider.
- 22.4. Service provider has to submit invoices to HLL based on the same and payment to service provider shall be released within 30 days from receipt of invoice and realisation all payments by HLL.
- 22.5. All payments agreed to be made by the HLL to the Party in accordance with the Services shall be inclusive of all statutory levies, duties, taxes and other charges whenever levied/applicable. The Party shall bear all personal/income taxes levied or imposed on it and its personnel, etc. on account of payment received under this agreement.
- 22.6. If any services are done free of cost, then Service provider shall not be entitled to make any claim for the revenue share for that particular patient.
- 22.7. In the event of the HLL noticing at any time that any amount has been disbursed wrongly to the Service provider or any other amount is due from the Service provider to the HLL, the HLL may without prejudice to its rights recover such amounts by other means after notifying the Service provider or deduct such amount from any payment falling due to the Service provider. The details of such recovery, if any, shall be intimated to the Service provider. The Service provider shall receive the payment of undisputed amount under subsequent invoice for any amount that has been omitted in previous invoice by mistake on the part of the HLL.
- 22.8. The HLL shall be entitled to delay or withhold payment of any invoice or part of it delivered by the Service provider at its sole discretion where the HLL disputes such invoice or part of it provided that such dispute is bonafide. The withheld amount may be limited to that which is in dispute. The disputed amount shall be settled in accordance with the procedure. Any exercise by the HLL under this section shall not entitle the Service provider to delay or withhold the services to be rendered as per the agreement.
- 22.9. All payments agreed to be made by the HLL to the Service provider in accordance with the Services shall be inclusive of all statutory levies, duties, taxes and other charges whenever levied/applicable. The Service provider shall bear all personal/income taxes levied or imposed on it and its personnel, etc. on account of payment received under this agreement

23. PREFERENCE TO MAKE IN INDIA PRODUCTS (FOR BIDS < 200 CRORE):

- 23.1. 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 will be as defined in Public Procurement (Preference to Make in India), Order 2017.
- 23.2. 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 and if the OEM is a company then by a practicing cost accountant or a chartered accountant for OEM's other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 16.09.2020. Only Class-I and Class-II Local suppliers as per MII order dated 16.9.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 16.09.2020 is 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.

24. BIDDERS QUOTING EQUIPMENT MANUFACTURED IN COUNTRIES SHARING LAND BORDER WITH INDIA:

- 24.1. Any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non-consultancy services) or works (including turnkey projects) only if the bidder is registered with Competent Authority, as specified in Annex I of order F.No.6/18/2019-PPD dated 23-July-2020 and bidder must comply with all provisions mentioned in the order with subsequent amendment/modifications, if any. Said order is available for download from the website of Department of Expenditure (DoE), Public Procurement Division, Ministry of Finance'.

25. TERMINATION

HLL reserve right to terminate/ cancel the Notification of award/ Letter of Indent/ Purchase order at any time for any reason without any liability on HLL.

ANNEXURE-1- TECHNICAL SPECIFICATION

1. X-Ray equipment with Flouroscopy

Sr. No.	Parameters	Specifications
	GENERATOR: -	
	Power rating	65KW
	Generator frequency	40 KHz
	Radiography parameters	
	KV range	40KVP to 150KVP
	mA Output	Max. up to 800mA
	mAS Range	Up to 350 MAS
	Generator Exposure Time	1 ms to 5 sec
	Fluoroscopy Parameters	
	kV Range	40 kV to 120 kV
	mA Range	In Fluoro Mode: up to 20 mA In Cine Mode : up to 40 mA
	Exposure Timer	300 Seconds with audio alarm system.
	ACQUISITION WORKSTATION FEATURES	

	X-RAY & IMAGE CONTROL CONSOLE	<p>Fully Integrated System with Following features:</p> <p>2-Point and 3-point exposure technique in Radiography mode.</p> <p>Digital Display of</p> <p>KV, mAs in Radiography</p> <p>KV, mA in Fluoro and Cine</p> <p>KV, mAs in Spot.</p> <p>Integrated touch screen monitor on tube for display of various X-ray & movement related parameters with image display.</p> <p>Exposure parameters (eg. KV, mA, mAs) can be controlled from Acquisition software.</p> <p>Manual and Automatic Brightness Stabilization (ABS) in fluoroscopic Modes.</p> <p>Exposure indication on Acquisition Software.</p> <p>Self-diagnostic Program with Indicators for Inverter Fault, Filament error & Tube's Thermal Overload, Rotor fault and Phase failure indications.</p> <p>Anatomical Programming Radiography (i.e., APR) is provided in which exposure parameters are automatically selected depending upon the physique of the patient and part of the body to be exposed.</p> <p>More than 200 preprogrammed APR programs are provided that can be edited or expandable as per the user's requirement.</p> <p>Foot switch is provided for initiating the exposure for performing Fluoro and Cine and Digital Spot Procedures</p> <p>Hand switch with retractable cord for initiating the exposure in radiography mode.</p>
3. Software:- Synergy DRF		
	Exposure Mode	RF (For Fluoro, Cine and Spot) DX (For Radiography)
	Image Size/ Frame Rate	RF:1.5Kx1.5K Image resolution) Up-to 18 FPS Pulsed X-Ray DX: 3Kx3K Image resolution)
	Major Module	Patient Entry Module Examination Module: - RF Module DX Module Viewing Module Print Module
	Generator Controls	kVp mAs ABSON/OFF AEC ON/OFF AEC Chamber Selection Filament Selection Heat Unit Display 3Point (kv, mA,ms) / 2Point (kv,mAs)
	Examination Layout	1x1 (Live) 1x2 (1st: Live, 2nd: Reference)
	Live Parameters	WW/WL Zoom Flip Frame Rate Software Shuttering

	DICOM Compatibility	DICOM 3.0 compatible: DICOM Send DICOM Print DICOM MWL	
	WL/WW Adjustment	Automatic WW/WL adjustment for Radiography. Automatic WW/WL adjustment for Fluoro, Cine, Spot according to the selected procedures Manual WL/WW adjustment	
	Post processing Parameters	WW/WL Zoom Magnify glass Invert Flip Horizontal/ Vertical Annotations Image Layouts as per user Play DICOM Loops Frame by Frame Image View Software Shutter/Crop Angle and Length measurement	
	Advance Features	ABS for Fluoro and Cine AEC for Radiography on table. Configurable RF Procedures and Radiography Protocols Live image WL/WW adjustment Stenosis Patient Workbook	
	Image Acquisition System Configuration	Image Acquisition system with Intel core i7 processor 24GB RAM, 1TB SSD, 500GB SSD and Window 10 OS Keyboard & Mouse 3KVA online UPS	
	Monitor and Examination Layouts	For Console Room	For Examination Room
		27" Monitor (For Live Image & Reference Image)	27" Monitor (For Live Image & Reference Image)
	X-Ray Tube		
	Focal spot	Dual focus Rotating anode x-ray tube with 0.6 & 1.2mm focal spots	
	Anode heats t o r a g e c a p a c i t y	600 KHU	
	Anode r o t a t i o n s p e e d	9500-10800 RPM @ 180Hz	
	H.V. Cables	One pair of suitable length HV Cables are provided	

	Collimator	Motorized L.B.D (light beam diaphragm) with high lux light output & auto shut off after 45seconds. Cross hair laser centring device Preview of collimation on software screen Remotely operated shutters from console room & from Table side	
	DETECTORS SPECIFICATION:- DUAL DETECTOR FOR TABLE& VBS		
	FOR TABLE: Dynamic Fixed FPD		
	D e t e c t o r T y p e	Amorphous Silicon	
	Pixel Size	139µm	
	FPD Size	43 x 43CM	
	Pixel matrix	3K x 3K	
	Spatial Resolution	3.6 lp/mm	
	A/D Conversion	16bit	
	DQE	80% at 0lp/mm	
	FOR VBS: Static Fixed FPD		
	Detector Type	Amorphous Silicon	
	Pixel Size	139µm	
	FPD Size	43 x 43CM	
	Pixel matrix	3K x 3K	
	Spatial Resolution	3.6 lp/mm	
	A/D Conversion	16bit	
	DQE	70% at 0lp/mm	
	Tube STAND: - Motorized Ceiling Free tube stand with new generation technology provides the user servo assisted movements of the tube head covering a huge area and noiseless, swift up/down movement of the tube head. Motorized Longitudinal movement: -2450mm Motorized Vertical up/down movement: - 1260mm Motorized Tube head Rotation (along horizontal axis): ±90		

	<p>Table: - Fixed patient table with detector Table with Horizontal (In 0°) & vertical (+90°) auto track modes. Servo controlled noise free motorized movements. Table top size: - 1965 x 739mm Tabletop Height: - 835mm (From floor to table top) Motorized Tilt Movement: - +90° to -12° Motorized Bucky movement: -1340mm Manual Transverse Movement of table top: - 190mm (Electromagnetic lock with foot switch for release) Weight carrying capacity: - up to 250kgs Grid:- Compatible Fixed grid of 8:1, 200lp/inch is provided</p>	
	<p>TROLLEY: - 1no. 27" LCD monitor parallel to consol room for live & ref. Image display mounted on mobile trolley is provided. Ergonomically designed integrated keyboard having feather touch keys and touch pad is provided instead of double unit keyboard and mouse. Large size wheels for better mobility with kick stop provision in two wheels for parking stability.</p>	
	<p>Motorized Vertical Bucky Stand: - Floor mounted Motorized Vertical Bucky stand with inbuilt FPD (FLAT PANEL DETECTOR) for lung and skeleton x-ray examinations with user friendly design and handling. Motorized Vertical Movement:- 1300mm (400 to 1700mm from to centre of FPD) Grid:- Compatible removable grid of 8:1, 103lp/inch is provided</p>	
	Power supply requirement	400 +/-10 % VAC, 3 phase supply of 50/60 Hz Frequency with line resistance less than 0.2 ohms. Suitable voltage stabilizer for the complete machine is provided
	Standard accessories	Hand Grip & Compression Device Foot Rest Foot Switch Console Table Two ways intercom system is provided for Voice Communication.

Optional Features: -

1.	In Acquisition Workstation Software	DSA Package Manual Image stitching Automatic Image Stitching Automatic Positioning as per APR View Dual Energy MPPS
2	Reporting/Review Workstation (RF workstation) Addition workstation for image viewing, processing and printing will be provided with high resolution monitor	

	Workstation Features	Patient Search WL/WW Zoom PAN Magnifying Invert Flip Vertical Flip Horizontal Annotations Image Layouts Play DICOM Loops Frame by frame Image View Software Shutter Crop Angle and Length Measurement Dual window WW/WL DICOM Tags Viewing
	Advance Features	DICOM Store Job Queues
	RF Workstation System specification	Computer system with Intel core i3 processor, 8GB RAM 1TB HDD and Window 10 or Higher Specifications. Keyboard Mouse 1KVA online UPS
	Monitor	Min19 Inch Colored Monitor
	Image processing	Exam Specific Algorithms image processing for consistent image quality of all body parts. Image processing tools for different anatomy Image cropping (can be done automatically according to configuration) Image mirror, rotate (can be done automatically according to configuration) Add image accept/reject comments. True size for printing with Multiple printing formats
	Excellent Maintainability	Remote online system diagnosis Remote online software upgrade Image quality control tools Easy and quick Offset and gain calibration with bad pixel removal algorithm.
	FULL DICOM 3.0 COMPATIBILITY	Get DICOM work list DICOM Print DICOM Store Support DICOM MPPS
3	DAP Meter	Dose Area Product (DAP) to record dose given to patient.
4	Automatic Exposure Control (AEC) for VBS	Automatic Exposure Control (AEC) System with 3- state ion chamber.
5	The quoted model should have AERB type Approval and CDSCO	

2. 3D/4D Ultrasonography equipment with latest technical specifications for routine USG, COLOR Dopplers, Level -II, Fetal Dopplers, Pregnancy Dopplers, TVS/TRS, Small parts, and Echocardiography

TECHNICAL SPECIFICATIONS OF HIGH END COLOR DOPPLER ULTRASOUND SYSTEM

S.NO.	TECHNICAL SPECIFICIATIONS
1.	It should be robust state of art, fully digital high end latest Color Doppler Ultrasound System with C-Sound / N-Site / Crystal-live / similar architecture capable of precision beam forming ,capable of performing imaging applications in abdominal, Cardiac, obs/gynae, Fetal Heart, musculoskeletal, small parts, Urology, Breast, Pediatric etc.
2.	System should have broad band beam former capable of processing signals from 1-22 MHz.
3.	System should have latest state of the art Hybrid Beam forming technology to ensure no Compromise between Temporal and Special resolution
4.	System processing channels must be more than 80,00,000.
5.	Frame rates more than 5000 frames/sec preferred.
6.	System with Digital TGC control is preferred.
7.	System should have 4 universal probe ports.
8.	System should incorporate facility for high resolution 3D/4D, M-mode, PW, Color Flow Imaging, Color Power Angio imaging, Power Pulse Inversion Harmonics, Directional Color Power angio imaging modes, Auto IMT, CAD Based Automatic Breast Lesion evaluation features & Elastography and Comprehensive 4D Package.
9.	System should have Full Spectrum Imaging, Tissue Harmonic Imaging, Spatial Compound Imaging, Pulse Inversion Harmonic Imaging, Trapezoidal Imaging, Quad Imaging, Dual Imaging in Horizontal Split, 2D/C Live Imaging, Automatic PW Doppler Adjustment and Auto 2D Adjustment.
10.	System should have fully digital real time Multi recording with live voice annotation recording in DVD.
11.	System should have scan depth of 2 to 50 cm or more. Please specify through data sheet.
12.	System should have 256 shades of gray display.
13.	System should have feature to Volume shade imaging for skin tones and shading to improve visualization of 3D/4D with variable light source time.
14.	System should have facility for real time or frozen, pan or point zoom.
15.	System should have cine loop review minimum 50000 frames. Please specify through data sheet.
16.	System should have panoramic extended field of view.
17.	System should have Fetoscopic view technology that displays detailed volume rendering, enabling users to easily identify subtle anatomical structures with change in position of light source. Anatomies look realistic when viewed in color.
18.	The Endocavity probe should have viewing angle of more than 200 Degree, to visualize entire Uterus from cervix to fundus.
19.	Console height should be adjustable for user's comfort.
20.	Linear probe for MSK and Breast Imaging, with automated quantification for easier identification of breast Neoplasm and 2D Real time Shearwave Elastography

21.	Convex Probe with Single Crystal will be accepted for higher frame rate and deep penetration. This probe should have 2D Real time Shearwave liver elastography with quantification.
22.	System must have Contrast Ultrasound with Time Intensity Curves (CEUS).
23.	System should have Advanced Image Processing algorithm to analyze between targets and artifacts so as to sharpen target anatomy, reduce the sparkle & artifacts to improve image quality.
24.	System should have Dynamic range 256 db or more.
25.	It should have extensive software and automatic and user programmable calculation package for gray scale, color Doppler, 3D and 4D applications.
26.	System should have more than 21" or more Flat panel Monitor (preferably LED)
27.	System should have more than 14" wide LED Touch Screen Control.
28.	System should support single button to customize the workflow of Doctor.
29.	System should have central lock for all four wheels.
30.	System should be able to show hemodynamic color flow (Alpha blending).
31.	System should be DICOM ready.
32.	System should have built in Image Management Software, for off line application when patient has gone after examination, such as Image Manipulation, Multi Planner reformatting, surface & volume rendering etc. It should have hard disk memory of 512 GB or more.
33.	System should have Micro Vascular Flow to detect very low intensity vascularization.
34.	System should have BIRADS based breast lesion classification tool For Breast.
35.	System should have TIRADS based thyroid lesion classification tool For Thyroid.
36.	System should have automatic tool to derive 9 planes of fetal heart (as per AIUM recommendation) from one volume sweep.
37.	System should have automatic tool for deriving 9 planes for Fetal Central Nervous System.
38.	System should have 2D real time Shearwave Imaging with Convex and Linear Probe.
39.	System Should have Stress and Strain Echo.
40.	The quoted model should be US FDA approved.
41.	Please respond to each specification in the same format and order and support it with Product Data Sheet.
	System should be provided with following transducer:
A	Single Crystal Convex Abdominal probe with frequency range from 1 to 7 MHz. (Single Crystal Probe will be required for higher frame rate and deep penetration, also capable of doing Shearwave Elastography). +/-1 MHz Frequency Acceptable
B	Endocavity (TV/TR) 2-11 MHZ approx. with more than 200 Degree Angle. +/-1 MHz Frequency Acceptable
C	Single Crystal Linear probe for vascular studies and Breast Imaging 3-14 Mhz. also capable of doing Shearwave Elastography. +/-1 MHz Frequency Acceptable
D	Single crystal phased array probe 1-5 Mhz +/-1 MHz Frequency Acceptable for adult cardiac imaging with all required cardiac packages.

FORMATS

A. OEM AUTHORIZATION LETTER FORMAT

(To be printed on the letterhead of the Original Equipment Manufacturer)

Date:

To,
Associate Vice President i/c and BH (HCS)
Healthcare Services Division
HLL Lifecare Limited
HLL Bhavan, Poojappura, Thiruvananthapuram - 695012,
Kerala, India, Email – hcstenders@lifecarehll.com

Subject: Authorization Letter for [*Bidder's Name*]

Dear Sir/Madam,

We, [**Name of the Original Equipment Manufacturer (OEM)**], having our registered office at [**OEM's Address**], hereby authorize [**Bidder's Name**], having their office at [**Bidder's Address**], to participate in the tender [**Tender Reference No.**] for the **supply, installation, maintenance, and reagent supply** of [**Equipment Name – -----**] on our behalf.

We confirm that:

1. [**Bidder's Name**] is an authorized distributor/supplier for our [**Equipment Name**] in India.
2. We shall provide full technical support, training, and spare parts availability to [**Bidder's Name**] for the offered equipment.
3. The equipment supplied is not refurbished and unused in all respects.
4. The equipment supplied meets all applicable **CE/FDA/ISO** certifications and regulatory requirements.
5. We ensure that if [**Bidder's Name**] fails to provide service, we shall step in to fulfill the service and maintenance commitments during the contract period.
6. This authorization is valid for the entire duration of the contract.

We request you to accept this authorization letter as confirmation of our support to [**Bidder's Name**] for this tender.

For [**OEM Name**],
Authorized Signatory
(Signature with Seal)

Name:
Designation:
Email:
Contact Number:

B. DECLARATION FOR 48-HOUR SERVICE RESPONSE TIME

To,
Associate Vice President i/c and BH (HCS)
Healthcare Services Division
HLL Lifecare Limited
HLL Bhavan, Poojappura, Thiruvananthapuram - 695012,
Kerala, India, Email – hcstenders@lifecarehll.com

Sub: Declaration for 48-Hour Service Response Time

Dear Sir/Madam,

We, **[Bidder's Name]**, having our registered office at **[Bidder's Address]**, hereby declare that we shall provide **preventive and corrective maintenance services** for the **[Equipment Name – -----]** supplied under **[Tender Reference No.]** within a **maximum response time of 48 hours** from the time of complaint registration.

We further confirm that:

1. We have a team of trained technical personnel available for maintenance and service support.
2. We will ensure prompt response and resolution of issues to minimize downtime.
3. In case of any unforeseen delays, we will provide alternative arrangements to ensure the continuity of laboratory operations.

This declaration is made in good faith, and we understand that non-compliance with the above commitment may lead to penalties or termination of the contract.

For **[Bidder's Name]**,

Authorized Signatory
(Signature with Seal)

Name:
Designation:
Email:
Contact Number:

C. DECLARATION FOR UNINTERRUPTED SUPPLY OF REAGENTS & CONSUMABLES

Date:[DD/MM/YYYY]

To,

Associate Vice President i/c and BH (HCS)

Healthcare Services Division

HLL Lifecare Limited

HLL Bhavan, Poojappura, Thiruvananthapuram - 695012,

Kerala, India, Email – hcstenders@lifecarehll.com

Sub : Declaration for Uninterrupted Supply of Reagents & Consumables

Dear Sir/Madam,

We, **[Bidder's Name]**, having our registered office at **[Bidder's Address]**, hereby declare that we shall ensure the **continuous and uninterrupted supply** of all required **reagents and consumables** for the **[Equipment Name – Immunoassay Analyzer and HbA1c Analyzer]** supplied under **[Tender Reference No.]** for the entire contract period.

We further confirm that:

1. We have the necessary arrangements in place for the procurement and timely delivery of reagents and consumables.
2. We shall maintain sufficient stock to prevent any disruption in laboratory operations.
3. Any unforeseen supply chain issues will be promptly addressed with alternate arrangements to ensure continuity.

This declaration is made in good faith, and we understand that failure to comply with the above commitment may lead to penalties or contract termination.

For **[Bidder's Name]**,

Authorized Signatory

(Signature with Seal)

Name:

Designation:

Email:

Contact Number:

D. DECLARATION FORMAT – NOT BLACKLISTED

(To be submitted in the letter pad of the firm indicating full name and address, telephone & fax numbers etc.)

To,

Associate Vice President) i/c & BH (HCS)

HLL Lifecare Limited

(A Government of India Enterprise),

HLL Bhavan, Poojappura, Thiruvananthapuram -695012, Kerala, India

Tel: 0471 2354949 , 2775500

Website – www.lifecarehll.com

I/we hereby confirm that I/we do not stand blacklisted/de-recognized/debarred/banned by any State Government / Central Govt. Organization /State Medical Corporations/ Director Health Services in India.

I/we hereby confirm that our firm/directors do not have any criminal record or not have been convicted by any court of law in India.

I/we have not any record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc.

If, at any stage, it is found to be incorrect, I / we understand that we will be disqualified from the tender.

For **[Bidder's Name]**,

Authorized Signatory

(Signature with Seal)

Name:

Designation:

Email:

Contact Number: