HLL/SD/2023-24/TENDER/35 Dt 02.02.2024



HLL Lifecare Limited

(A Govt. Of India Enterprise) CIN : U25193KL1966GOI002621 HLL Bhavan, Poojappura, Thiruvananthapuram -695012 Kerala, India Tel: 0471 2775500, 0471 2350959 (EXTN - 606 /531) Website - www.lifecarehll.com

HLL Lifecare Limited (HLL) hereby invites online bids through <u>https://eprocure.gov.in/eprocure/app</u> for **Supply and installation of CT Machine MGM College, Indore, Madhya pradesh** the Detailed requirements and terms & conditions are available in CPP Portal https://eprocure.gov.in/eprocure/app.

INDEX

Section	Description	Page No
А	Notice inviting Tender (NIT)	1
В	General Instructions To The Bidders (GIB)	02 – 10
С	General Conditions of Contract (GCC)	11 – 18
D	Special Condition of Contract (SCC)	19 – 20
E	List of Requirements	21
F	Technical Specifications	22 – 29
G	Forms and Declarations	30 – 45
н	MAKE/MODEL/HSN Code of Equipment	46
I	Manufacturer Authorization Form and Consortium Agreement	47 – 50
J	Bank Guarantee Form for Performance Security	51- 56
к	Price Schedule	57
L	Contract form for Comprehensive Annual Maintenance Contract	58 –59
м	Consignee Receipt Certificate	60
N	Performa of Final Acceptance Certificate by the Consignee	61-62
0	Undertaking Letter	63
Р	Consignee Address	64
Q	Technical Specification Compliance Sheet	65-75
R	Check List	76

HLL LIFECARE LIMITED

(A Government of India Enterprise) Sourcing Division Corporate Head Office, Poojappura.P.O, Thiruvananthapuram – 695012, Kerala, India Tel: 0471 2775500, 0471 2350959 (EXTN – 606 /531)

SECTION A

NOTICE INVITING TENDER (NIT)

HLL/SD/2023-24/TENDER/35

02-02-2024

HLL Lifecare Limited (HLL), a Government of India Enterprise on behalf of **M/s Power Grid Corporation of India** invites online bids from eligible, competent and experienced bidders who are capable of executing the following item/work meeting the requirements as per our tender.

SINo	Particulars	Description
1	Name of Item/Work	Supply and installation of CT Machine MGM College, Indore, Madhya Pradesh
2	List Of Required Items	Section E
3	Technical Specification	Section F
4	Bid Security/EMD	Rs. 24,00,000/-(Rupees Twenty Four Lakhs Only)
5	Bid Submission Fee	Rs. 2000(Rupees Two Thousand Only)
6	Period Of Completion	Delivery to be completed before 25.03.2024 and installation to be completed within 30 days from the date of delivery
7	HLL A/c Details for payment of Tender Fees and EMD (Payment mode: NEFT/RTGS)	Name of Bank: HDFC Bank Limited, TrivandrumA/c number: 00630330000035IFSC Code: HDFC0000063Branch name: Vazhuthacaud Branch, Thiruvananthapuram
8	Price Validity	180 days from the date of opening of bid
9	Eligibility criteria for Bidders	As per Tender document
10	Last Date and Time for Online submission of bids	10.02.2024 at 15.00 hrs
11	Date and time of opening of the- Tender	12.02.2024 at 15.00 hrs
12	Address for Communication at HLL regarding the tender	Vice President (SD) Sourcing Division HLL Lifecare Limited Corporate & Regd Office HLL Bhavan,Poojappura, Thiruvananthapuram-695012E-mail: <u>sdrbdsouth@lifecarehll.com</u>

Vice President (Sourcing)

SECTION B

GENERAL INSTRUCTION TO BIDDERS

- 1. This tender is an e-Tender and is being published online in Government eProcurement portal, <u>https://etenders.gov.in/eprocure/app</u>
- 2. Bid documents including the Bill of Quantities (BoQ) 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. <u>https://etenders.gov.in/eprocure/app</u>.
- **3.** The tender and its corrigendum/extension will also be published in our company website, URL address: <u>http://www.lifecarehll.com/tender</u>.
- 4. The tendering 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. 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.
- 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.
- 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.
- 8. Bidders are advised to visit CPPP website <u>https://etenders.gov.in</u> regularly to keep themselves updated, for any changes/modifications/any corrigendum in the Tender Enquiry Document.
- **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.
- 9.1 Registration
- a) 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: <u>https://etenders.gov.in/eprocure/app</u>), by clicking on the link "Online bidder Enrolment" on the CPP Portal which is free of charge.
- b) As part of the enrolment process, the bidders will be required to choose a unique user name and assign a password for their accounts.
- c) 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.
- d) 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.
- e) 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.

- f) 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.
- g) 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.
- h) Only those bidders having a valid and active registration, on the date of bid submission, shall submit bids online on the e-procurement portal.
- i) 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.
- j) 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.

9.2 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

9.3 **Preparation of Bid**

- a) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- b) 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.
- c) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR /DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- d) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" or "Other Important Documents" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.
- e) Note: My Documents space is only a repository given to the Bidders to ease the uploading process. If Bidder has uploaded his Documents in My Documents space, this does not automatically ensure these Documents being part of Technical Bid.
- **10.** More information useful for submitting online bids on the CPP Portal may be obtained at https://etenders.gov.in/eprocure/app

- **11.** Tenderer are required to upload the digitally signed file of scanned documents. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document. Uploading application in location other than specified above shall not be considered. Hard copy of application shall not be entertained.
- 12. 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: -

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 - <u>support-eproc@nic.in</u>, Policy Related - <u>cppp-doe@nic.in</u>

- **13.** 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.
- **14.** 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:

Vice President (SD) Sourcing Division HLL Lifecare Ltd. HLL Bhavan, Poojappura, Thiruvananthapuram - 695012, Kerala, India Tel: 0471- 2775531, 2775606, 2775578 Email <u>– sdrbdsouth@lifecarehll.com</u>

- **15.** The bids shall be opened online at the **Office of the Vice President (SD)** 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.
- **16.** More details can be had from the Office of the Vice President (SD) 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.
- **17.** 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.

18. 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: <u>https://etenders.gov.in/eprocure/app)</u>.
- ii. Pre-bid meeting: Not Applicable for this tender
- iii. Publishing of Corrigendum: All corrigenda shall be published on Government e-procurement portal (URL: <u>https://etenders.gov.in/eprocure/app)</u> and HLL website (URL address: <u>http://www.lifecarehll.com/tender</u>) and shall not be available elsewhere.
- iv. 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.

- v. Opening of Technical Bid and Bidder short-listing: The technical bids will be opened, evaluated and shortlisted as per the eligibility and technical qualifications. All documents in support of technical qualifications shall be submitted (online). Failure to submit the documents online will attract disqualification. Bids shortlisted by this process will be taken up for opening the financial bid.
- vi. Opening of Financial Bids: Bids of the qualified bidders shall only be considered for opening and evaluation of the financial bid on the date and time mentioned in critical date's section.

19. Tender Processing Fees and Bid Security (EMD):

Tender fee (Non-refundable) and EMD as per the tender conditions shall be paid separately, thru RTGS/NEFT transfer in the following HLL A/c details:

Name of Bank	:	HDFC Bank Limited, Trivandrum
A/c number	:	00630330000035
IFSC Code	:	HDFC0000063
Branch name	:	Vazhuthacaud Branch, Thiruvananthapuram

Document of the above transactions (UTR NUMBER and DATE OF UTR) completed successfully by the bidder, shall be uploaded at the locations separately while submitting the bids online.

Note: Any transaction charges levied while using any of the above modes of payment has to be borne by the bidder. The supplier / contractor's bid will be evaluated only if payment is effective on the date and time of bid opening.

- **20.** HLL Lifecare Limited does not bind themselves to accept the lowest or any bid or to give any reasons for their decisions which shall be final and binding on the bidders.
- **21.** HLL Lifecare Limited reserves to themselves the right of accepting the whole or any part of the tender and bidder shall be bound to perform the same at his quoted rates.
- 22. In case, it is found during the evaluation or at any time before placing of PO or after its execution and during the period of subsistence thereof, that one or more of the eligibility conditions have not been met by the bidder or the applicant has made material misrepresentation or has given any materially incorrect or false information, appropriate legal/penal etc., action shall be taken by HLL Lifecare as deemed fit.
- **23.** Conditional bids and bids not uploaded with appropriate/desired documents may be rejected out rightly and decision of HLL Lifecare Limited in this regard shall be final and binding.
- 24. The technical bids should be uploaded as per the requirements of NIT and should not contain price information otherwise the bid will be rejected.
- **25.** 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.
- **26.** 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 Technical bid and Financial bid online on Government e-procurement portal (URL: <u>https://etenders.gov.in/eprocure/app</u>).

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.

Vice President (Sourcing)

1. SCOPE OF THE BID

HLL lifecare Ltd on behalf of M/s Power grid Corporation of India Ltd, invites online bids from the eligible bidders who are capable of executing the Specified work as per our tender conditions.

2. ELIGIBLE BIDDERS

A Bidder should have eligibility criteria as per the document to submit bids against this tender.

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.

3. COST OF BIDDING

The Bidder shall bear all costs associated with the preparation and submission of its bid, and "the Purchaser", will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

4. SITE VISIT

The bidder is advised to visit and examine the Site of delivery/Work and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the bid and entering into a contract for delivery of item/construction of the Works. He shall examine the site condition and satisfy himself of the availability of materials at nearby places, difficulties which may arise during execution before submitting the bids. The costs of visiting the Site shall be at the bidder's own expense.

The bidder and any of his personnel or agents will be granted permission by HLL to enter upon its premises and lands for the purpose of such visit, but only upon the express condition that the bidder, his personnel or agents will release and indemnify HLL and its personnel and agents from and against all liability in respectthereof, and will be responsible for death or personal injury, loss of or damage to property, and any other loss, damage, costs, and expenses incurred as a result of the inspection.

5. Preparation of Bids

Language of the Bid

All documents relating to the bid shall be in the English language.

Documents Comprising the Bid

The online bid submitted by the bidder shall comprise the following:

- Copy of Registration (GST, PAN etc) Certificate duly attested.
- Copy of Documents in proof of eligibility criteria
- Copy of Documents in proof of Financial turnover.
- Other documents specified in the document.
- Priced Bill of Quantities.

Bidders shall not make any addition, deletion or correction in any of the bid documents.

Bid Prices

The rates quoted by the Bidder shall include cost of all materials and conveyance, labour charges, hire charges of plant and machinery, overheads and all incidental charges for execution of the contract. The rate quoted shall also include all statutory taxes as on the date of submission of the tender and such taxes shall be paid by the Contractor.

GST or any other tax applicable shall be payable by the Contractor in respect of this contract and HLL will not entertain any claim whatsoever in respect of thesame.

All taxes, royalty, Octroi and other levies payable by the Contractor under the contract, or for any other cause as of the date 28 days prior to the deadline forsubmission of bids shall be included in the rates, prices and total of bid price. The bid prices shall also cater for any change in tax pattern during the tenure of work.

The rates and prices quoted by the bidder shall remain firm during the entire period of contract.

Currencies of Bid and Payment

The currency of bid and payment shall be quoted by the bidder entirely in Indian Rupees. All payments shall be made in Indian Rupees only.

Alterations and additions

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 casesuch corrections shall be initiated by the person or persons signing the bid.

The 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 bed is qualified.

a) Envelope –I (Technical bid):

Technical Bid should contain signed and scanned soft copy documents in proof of experience and duly filled and signed copy of documents specified.

Qualification Criteria for Contractors / firms

The bidder should be fulfilling the following preconditions and must also upload/submitdocumentary evidence in support of fulfillment of these conditions while submitting the bid.

SINo	Eligibility Criteria
1	Bidder should have a valid Certificate of the following:
	GST Registration
	IT PAN Card
	Certificate of incorporation / Memorandum of Article
	Copy of valid certificates for the above shall be submitted in proof of thesame
2	Bidder should be a Manufacturer or authorized dealer or a consortium. If the bidder is a consortium, not more than 2 partners allowed to bid and all the partners shall be jointly and severally liable to and responsible for all obligations towards the Purchaser for performance of contract/services including that of its Associates/Sub Contractors under the Contract
3	Bidder shall have the following experience individually or jointly as consortium: - The Bidder must have successfully supplied Medical Equipment at least for the tune of Rs.6 Crores in last three years ending 31 st March 2023. If consortium, then the lead partner shall have the average annual turnover of at least Rs.4.20 Crores and member partner shall have at least of Rs 1.80 Crores, in the last three years, ending 31st March 2023. The equipment shall be satisfactorily functioning in India. Bidders quoting should be a manufacturer/authorized/Consortium dealer having experience on its own or through their OEM shall have successfully Supplied and installed the Similar Equipment The order shall be awarded to the responsive qualified bidder, who quotes the lowest a mount in total. Copies of work orders and satisfactory work completion reports issued by the Client/Authority concerned shall be submitted in proof of the same.
Note	For Govt. /Departmental works, Work orders and corresponding completion certificate issued by the Competent Authority (Exe. Engr, Supt. Engr., etc.) shall be submitted. Completion certificates for works issued by private parties shall be supported by TDS certificates/Bank Statement.
4	Documentary proof for establishing the average annual turnover of the bidder in the last three years, (2020-21, 2021-22 & 2022-23) is not less than Rs 6.00 Crores certified by a chartered accountant. If consortium, then the lead partner shall have the average annual turnover of at least Rs.4.20 Crore and member partner shall have at least of Rs 1.80 Crore, in the last three years, ending 31st March 2023. The Duly filled and Signed copy of the FINANCIAL STATEMENT as per item no. 1 in Section G is to be attached
Note	Enclose audited Balance sheets, Profit & Loss Statements, and IT return statements certified by a Chartered Accountant as proof of financial status.

5 The bidder should submit the duly notarized Power of Attorney, issued by the competent authority in favour of the signatory of the bid in the stamp paper of appropriate value as per the Stamp Act. 6 Technical compliance sheet with clear indication of deviation in specification, if any. 7 Quality certificate is mandatory for all the equipment and same to be submitted along with technical document. 8 HSN Code of Equipment as per SECTION H 9 Manufacturer authorization or Consortium agreement as per SECTION I. 10 Product brochure literature, write up etc. 11 Dully filled Performance Statement as per item no.2 of Section G 12 Dully filled Self-Declaration – Make in India Preference as per item no. 4 of Section G. 13 Dully filled Self-Declaration – Compliance to Rule 144(XI) of the GFR 2017 as per item no. 5 of Section G 15 Dully filled Requisition form for E-payment as per item no.7 of Section G 16 / No) 11 No the duly signed declaration form as per item no-7 of Section -G is to be attached 16 / No) 17 No the duly signed declaration form as per item no-8 of Section -G is to be attached 18 Dully signed Meclaration form as per item no-7 of Section -G to be attached 17 No higoton his properly completing the contract, inordinate delays in completion, l		
7 Quality certificate is mandatory for all the equipment and same to be submitted along with technical document. 8 HSN Code of Equipment as per SECTION H 9 Manufacturer authorization or Consortium agreement as per SECTION I. 10 Product brochure literature, write up etc. 11 Dully filled Performance Statement as per item no.2 of Section G 12 Dully filled Category Details of Organization (MSE) as per item no.3 of Section G. 13 Dully filled Self-Declaration – Make in India Preference as per item no. 4 of Section G. 14 Section G 15 Dully filled Requisition form for E-payment as per item no. 6 of Section G 14 Has the Supplier/Firm/Company ever been black listed by the Govt./or the registering authority. (Yes (No) the duly signed declaration form as per item no-7 of Section-G is to be attached 1 The bidder will be disqualified if they have any record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, itigation history, or financial failures etc. Including ongoing works. 11. If the order is terminated in the last one year, their bid will be treated as non-responsive III. 11 Self-Certificate: Non-Black Listing Certificate of no-blacklist in any firms in bidders letterhead 17 Duly Signed ACCEPTANCE FORM as per item no-9 of Section -G to be attached	5	The bidder should submit the duly notarized Power of Attorney, issued by the competent authority in favour of the signatory of the bid in the stamp paper of appropriate value as per the Stamp Act.
7 document. 8 HSN Code of Equipment as per SECTION H 9 Manufacturer authorization or Consortium agreement as per SECTION I. 10 Product brochure literature, write up etc. 11 Dully filled Performance Statement as per item no.2 of Section G 12 Dully filled Category Details of Organization (MSE) as per item no.3 of Section G. 13 Dully filled Self-Declaration – Make in India Preference as per item no. 4 of Section G. 14 Dully filled Self-Declaration – Compliance to Rule 144(XI) of the GFR 2017 as per item no. 5 of Section G 15 Dully filled Requisition form for E-payment as per item no.6 of Section G 16 Has the Supplier/Firm/Company ever been black listed by the Govt./or the registering authority. (Yes (No) If NO, the duly signed declaration form as per item no-7 of Section-G is to be attached 1. The bidder will be disqualified if they have 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. Including ongoing works. 11. If the order is terminated in the last one year, their bid will be treated as non-responsive lil. 13. Self-Certificate: Non-Black Listing Certificate of no-blacklist in any firms in bidders letterhead 17 Duly Signed ACCEPTANCE FORM as per item no-9 of Section -G to be attached	6	Technical compliance sheet with clear indication of deviation in specification, if any.
 Manufacturer authorization or Consortium agreement as per SECTION I. Product brochure literature, write up etc. Dully filled Performance Statement as per item no.2 of Section G Dully filled Category Details of Organization (MSE) as per item no.3 of Section G. Dully filled Self-Declaration – Make in India Preference as per item no. 4 of Section G. Dully filled Self-Declaration – Compliance to Rule 144(XI) of the GFR 2017 as per item no. 5 of Section G Dully filled Requisition form for E-payment as per item no. 6 of Section G Dully filled Requisition form for E-payment as per item no.7 of Section G Has the Supplier/Firm/Company ever been black listed by the Govt./or the registering authority. (Yes / No) If NO, the duly signed declaration form as per item no-7 of Section-G is to be attached I. The bidder will be disqualified if they have 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. Including ongoing works. II. If the order is terminated in the last one year, their bid will be treated as non-responsive II. Self-Certificate: Non-Black Listing Certificate of no-blacklist in any firms in bidders letterhead Duly Signed ACCEPTANCE FORM as per item no-9 of Section -G to be attached Duly Signed COMPLETION PERIOD declaration as per item no-10 of Section -G to be attached Dully filled Integrity pact as per item no-11 of Section -G to be attached 	7	
 Product brochure literature, write up etc. Dully filled Performance Statement as per item no.2 of Section G Dully filled Category Details of Organization (MSE) as per item no.3 of Section G. Dully filled Self-Declaration – Make in India Preference as per item no. 4 of Section G. Dully filled Self-Declaration – Make in India Preference as per item no. 4 of Section G. Dully filled Self-Declaration – Compliance to Rule 144(XI) of the GFR 2017 as per item no. 5 of Section G Dully filled Requisition form for E-payment as per item no. 6 of Section G Has the Supplier/Firm/Company ever been black listed by the Govt./or the registering authority. (Yes / No) If NO, the duly signed declaration form as per item no-7 of Section- G is to be attached The bidder will be disqualified if they have 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. Including ongoing works. II. If the order is terminated in the last one year, their bid will be treated as non-responsive III. Self-Certificate: Non-Black Listing Certificate of no-blacklisti n any firms in bidders letterhead Duly Signed ACCEPTANCE FORM as per item no-9 of Section -G to be attached Duly Signed COMPLETION PERIOD declaration as per item no-10 of Section -G to be attached Dully filled Integrity pact as per item no-11 of Section -G to be attached 	8	HSN Code of Equipment as per SECTION H
11 Dully filled Performance Statement as per item no.2 of Section G 12 Dully filled Category Details of Organization (MSE) as per item no.3 of Section G. 13 Dully filled Self-Declaration – Make in India Preference as per item no. 4 of Section G. 14 Dully filled Self-Declaration – Make in India Preference as per item no. 4 of Section G. 15 Dully filled Self-Declaration - Compliance to Rule 144(XI) of the GFR 2017 as per item no. 5 of Section G 15 Dully filled Requisition form for E-payment as per item no. 6 of Section G 16 Has the Supplier/Firm/Company ever been black listed by the Govt./or the registering authority. (Yes / No) 17 If NO, the duly signed declaration form as per item no-7 of Section-G is to be attached 10 I. The bidder will be disqualified if they have 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. Including ongoing works. 11. If the order is terminated in the last one year, their bid will be treated as non-responsive III. Self-Certificate: Non-Black Listing Certificate of no-blacklist in any firms in bidders letterhead 17 Duly Signed ACCEPTANCE FORM as per item no-8 of Section -G to be attached 18 Duly Signed COMPLETION PERIOD declaration as per item no-10 of Section -G to be attached 19 Dully signed COMPLETION PERIOD declaration as per item no-	9	Manufacturer authorization or Consortium agreement as per SECTION I.
12 Dully filled Category Details of Organization (MSE) as per item no.3 of Section G. 13 Dully filled Self-Declaration – Make in India Preference as per item no. 4 of Section G. 14 Dully filled Self-Declaration - Compliance to Rule 144(XI) of the GFR 2017 as per item no. 5 of Section G 15 Dully filled Requisition form for E-payment as per item no. 6 of Section G 16 Has the Supplier/Firm/Company ever been black listed by the Govt./or the registering authority. (Yes (No) 16 If NO, the duly signed declaration form as per item no-7 of Section-G is to be attached 1. The bidder will be disqualified if they have 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. Including ongoing works. 11. If the order is terminated in the last one year, their bid will be treated as non-responsive III. Self-Certificate: Non-Black Listing Certificate of no-blacklist in any firms in bidders letterhead 17 Duly Signed NO DEVIATION CERTFICATE as per item no-8 of Section -G to be attached 18 Duly Signed COMPLETION PERIOD declaration as per item no-10 of Section -G to be attached 19 Duly signed Integrity pact as per item no-11 of Section -G to be attached	10	Product brochure literature, write up etc.
 13 Dully filled Self-Declaration – Make in India Preference as per item no. 4 of Section G. 14 Dully filled Self-Declaration - Compliance to Rule 144(XI) of the GFR 2017 as per item no. 5 of Section G 15 Dully filled Requisition form for E-payment as per item no. 6 of Section G Has the Supplier/Firm/Company ever been black listed by the Govt./or the registering authority. (Yes (No) If NO, the duly signed declaration form as per item no-7 of Section-G is to be attached I. The bidder will be disqualified if they have 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. Including ongoing works. II. If the order is terminated in the last one year, their bid will be treated as non-responsive III. Self-Certificate: Non-Black Listing Certificate of no-blacklist in any firms in bidders letterhead 17 Duly Signed ACCEPTANCE FORM as per item no-8 of Section -G to be attached 18 Duly Signed COMPLETION PERIOD declaration as per item no-10 of Section -G to be attached 20 Dully filled Integrity pact as per item no-11 of Section -G to be attached 	11	Dully filled Performance Statement as per item no.2 of Section G
14 Dully filled Self-Declaration -Compliance to Rule 144(XI) of the GFR 2017 as per item no. 5 of Section G 15 Dully filled Requisition form for E-payment as per item no. 6 of Section G 16 Has the Supplier/Firm/Company ever been black listed by the Govt./or the registering authority. (Yes / No) 16 If NO, the duly signed declaration form as per item no-7 of Section- G is to be attached 1. The bidder will be disqualified if they have 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. Including ongoing works. 11. If the order is terminated in the last one year, their bid will be treated as non-responsive III. Self-Certificate: Non-Black Listing Certificate of no-blacklist in any firms in bidders letterhead 17 Duly Signed ACCEPTANCE FORM as per item no-9 of Section -G to be attached 18 Duly Signed COMPLETION PERIOD declaration as per item no-10 of Section -G to be attached 19 Dully filled Integrity pact as per item no-11 of Section -G to be attached	12	Dully filled Category Details of Organization (MSE) as per item no.3 of Section G.
14 Section G 15 Dully filled Requisition form for E-payment as per item no. 6 of Section G Has the Supplier/Firm/Company ever been black listed by the Govt./or the registering authority. (Yes 16 No) If NO, the duly signed declaration form as per item no-7 of Section- G is to be attached I. The bidder will be disqualified if they have 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. Including ongoing works. II. If the order is terminated in the last one year, their bid will be treated as non-responsive III. Self-Certificate: Non-Black Listing Certificate of no-blacklist in any firms in bidders letterhead 17 Duly Signed ACCEPTANCE FORM as per item no-9 of Section -G to be attached 18 Duly Signed COMPLETION PERIOD declaration as per item no-10 of Section -G to be attached 19 Duly signed COMPLETION PERIOD declaration as per item no-10 of Section -G to be attached 20 Dully filled Integrity pact as per item no-11 of Section -G to be attached	13	Dully filled Self-Declaration – Make in India Preference as per item no. 4 of Section G.
Has the Supplier/Firm/Company ever been black listed by the Govt./or the registering authority. (Yes / No)16If NO, the duly signed declaration form as per item no-7 of Section- G is to be attached1If NO, the duly signed declaration form as per item no-7 of Section- G is to be attached1If how the bidder will be disqualified if they have 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. Including ongoing works.11.If the order is terminated in the last one year, their bid will be treated as non-responsive III.17Duly Signed NO DEVIATION CERTFICATE as per item no-8 of Section -G to be attached18Duly Signed ACCEPTANCE FORM as per item no-9 of Section -G to be attached19Duly signed COMPLETION PERIOD declaration as per item no-10 of Section -G to be attached20Dully filled Integrity pact as per item no-11 of Section -G to be attached	14	
 16 / No) If NO, the duly signed declaration form as per item no-7 of Section- G is to be attached I. The bidder will be disqualified if they have 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. Including ongoing works. II. If the order is terminated in the last one year, their bid will be treated as non-responsive III. Self-Certificate: Non-Black Listing Certificate of no-blacklist in any firms in bidders letterhead 17 Duly Signed NO DEVIATION CERTFICATE as per item no-8 of Section -G to be attached 18 Duly Signed ACCEPTANCE FORM as per item no-9 of Section -G to be attached 19 Duly signed COMPLETION PERIOD declaration as per item no-10 of Section -G to be attached 20 Dully filled Integrity pact as per item no-11 of Section -G to be attached 	15	Dully filled Requisition form for E-payment as per item no. 6 of Section G
I.The bidder will be disqualified if they have 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. Including ongoing works.II.If the order is terminated in the last one year, their bid will be treated as non-responsive III.Self-Certificate: Non-Black Listing Certificate of no-blacklist in any firms in bidders letterhead17Duly Signed NO DEVIATION CERTFICATE as per item no-8 of Section -G to be attached18Duly Signed ACCEPTANCE FORM as per item no-9 of Section -G to be attached19Duly signed COMPLETION PERIOD declaration as per item no-10 of Section -G to be attached20Dully filled Integrity pact as per item no-11 of Section -G to be attached	16	/No)
18 Duly Signed ACCEPTANCE FORM as per item no-9 of Section -G to be attached 19 Duly signed COMPLETION PERIOD declaration as per item no-10 of Section -G to be attached 20 Dully filled Integrity pact as per item no-11 of Section -G to be attached	Note	 The bidder will be disqualified if they have 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. Including ongoing works. If the order is terminated in the last one year, their bid will be treated as non-responsive
19 Duly signed COMPLETION PERIOD declaration as per item no-10 of Section -G to be attached 20 Dully filled Integrity pact as per item no-11 of Section -G to be attached	17	Duly Signed NO DEVIATION CERTFICATE as per item no-8 of Section -G to be attached
20 Dully filled Integrity pact as per item no-11 of Section -G to be attached	18	Duly Signed ACCEPTANCE FORM as per item no-9 of Section -G to be attached
	19	Duly signed COMPLETION PERIOD declaration as per item no-10 of Section -G to be attached
21 Dully Filled Technical Specification Compliance Sheet Section Q to be attached	20	Dully filled Integrity pact as per item no-11 of Section -G to be attached
	21	Dully Filled Technical Specification Compliance Sheet Section Q to be attached

b) Envelope – II (Financial Bid): The Financial e-Bid through CPP portal.

The BoQ to be filled by the bidder. The bidder has to fill the mentioned sheets as per the following:

The bidder shall quote for the entirety of the tender schedule. If any of the items not quoted then their bid will be treated as non responsive. The rates shall be quoted in the format provided and no other format is acceptable. If the price bid has been given as a standard format with the bid document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the file, open it and complete the colored (Unprotected) cells with their respective financial quotes and other details. 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.

The bidder shall fill the individual rates of all the items as mentioned in the **Section K** and upload the file in PDF format as a part of financial bid in the CPP portal.

6. Bid Opening and Evaluation

6.1 Bid Opening

Bids 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.

6.2 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.

a) Envelope -I: Envelop-I opening date shall be as mentioned in CPP Portal. The intimation regarding acceptance / rejection of their bids will be intimated to the Contractors/firms through e-tendering portal. (Envelop-I shall contain scanned copy of Pre- qualification document.)

If any clarification is needed from bidder about the deficiency in his uploaded documents in Envelope- I, he will be asked to provide it I. The bidder shall upload the requisite clarification/documents within time specified by HLL, failing which tender will be liable for rejection.

b) Envelope -II: The financial bids of the Contractors/firms found to be meeting the qualifying requirements shall be opened as per NIT. (Depending on evaluation of Envelop I & II, the date shall be intimated through CPP Portal)

6.3 Confidentiality

- 6.3.1 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.
- 6.3.2 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 Bidder's bid.

6.4 Clarification of Bids

- 6.4.1 To assist in the examination, evaluation, and comparison of bids, the Tender Inviting Authority may ask the bidder for required clarification on the information submitted with the bid. The request for clarification and the response shall be in writing or by e-mail or in portal, but no change in the price or substance of the Bid shall be sought, offered, or permitted.
- 6.4.2 No Bidder shall contact the Tender Inviting Authority on any matter relating to the submitted bid from the time of the bid opening to the time the contract is awarded. If the Bidder wishes to bring additional information to the notice of the Tender Inviting Authority, he shall do so in writing.

6.5 Examination of Bids, and Determination of Responsiveness

- 6.5.1 During the bid opening, the Tender Inviting Authority will determine for each Bid whether it meets the required eligibility as specified in the NIT; is accompanied by therequired documents and certificates. Further the purchaser may visit any of the facility established by the bidder for inspection and/or seek demonstration of the quoted products, anywhere in India as per the sole discretion of the purchaser. The inspection of such facility/ equipment shall be as a part of responsiveness of the technical bid. If the bidder doesn't arrange the facility visit / demonstrate the equipment within the stipulated time period of 7 days & location given, then their bid will be treated as non-responsive.
- 6.5.2 A substantially responsive bid is one which conforms to all the terms, conditions, and requirements of the bidding documents, without material deviation or reservation.
- A material deviation or reservation is one: -
- a. which affects in any substantial way the scope, quality, or performance of theWorks;
- b. which limits in any substantial way, inconsistent with the bidding documents, thePurchaser's rights or the Bidder's obligations under the Contract; or
- c. whose rectification would affect unfairly the competitive position of other Bidders presenting substantially responsive Bids.
- 6.5.3 If a Bid is not substantially responsive, it may be rejected by the Tender Inviting Authority, and may not subsequently be made responsive by correction or withdrawal of the nonconforming material deviation or reservation.-

- 6.5.4 Non submission of legible or required documents or evidences may render the bid non-responsive.
- 6.5.5 The CAMC costing will not be added to determine the L1 bidder, however the bidders are informed to quote the CAMC rates.

6.6 Negotiation on Bids

The Tender Inviting Authority reserves the right to negotiate with the lowestevaluated responsive bidder.

7. Award of Contract

- 7.1 HLL will award the Contract to the Bidder whose bid has been determined to be substantially responsive and who has offered the lowest evaluated bid price in total.
- 7.2 In the eventuality of failure on the part of the lowest successful bidder to produce theoriginal documents, or submit the security deposit, or acceptance of LOI/ Work orderwithin the specified time limit, the Bidder shall be debarred in future from participating in Bids for three years and will be recommended for blacklisting by the competent authority. In such cases, the work shall be retendered.
- 7.3 The rates for the various items quoted by the Bidder shall be rounded to two decimalplaces. The decimal places in excess of two will be discarded during evaluation.
- 7.4 The Tender Inviting Authority reserves the right to accept or reject any Bid and to cancel the Bidding process and reject all Bids at any time prior to the 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 grounds for the TenderInviting Authority's action.
- 7.5 Notification of Award and Order Acceptance
- 7.5.1 The Bidder, whose Bid has been accepted, shall be notified of award by HLL prior to expiration of the Bid validity period by facsimile or e-mail confirmed by letter sent through post. This letter (hereinafter and in the Conditions of Contract called the "Letter of Acceptance") will state the sum that the Purchaser will pay the Bidder in consideration of the execution, completion and remedying defects, if any of the Worksby the Contractor as prescribed by the Contract.

SECTION - C

GENERAL CONDITIONS OF CONTRACT (GCC)

1. Application

The General Conditions of Contract incorporated in this section shall be applicable for this purchase to the extent the same are not superseded by the Special Conditions of Contract prescribed under Section D, List of requirements under Section E and Technical Specification under Section F of this document.

2. Patent Rights

The supplier shall, at all times, indemnify and keep indemnified the purchaser, free of cost, against all claims which may arise in respect of goods & services to be provided by the supplier under the contract for infringement of any intellectual property rights or any other right protected by patent, registration of designs or trademarks. In the event of any such claim in respect of alleged breach of patent, registered designs, trademarks etc. being made against the purchaser, the purchaser shall notify the supplier of the same and the supplier shall, at his own expenses take care of the same for settlement without any liability to the purchaser.

3. Country of Origin

All goods and services to be supplied and provided for the contract shall have the origin in India or in the countries with which the Government of India has trade relations.

The word "origin" incorporated in this clause means the place from where the goods are, manufactured, or from where the services are arranged.

The country of origin may be specified in the Price Schedule.

4. Performance Security

Within seven (7) days from date of the issue of notification of award by the contractor, shall furnish Performance Security to the Purchaser for an amount equal to five percent (5%) of the total value of the contract, valid up to 60 days after the date of completion of 1-year warranty period / all contractual obligations by the contractor, including the warranty obligations, initially valid for a total period of minimum 14 months from the date of Notification of Award.

The Performance security shall be denominated in Indian Rupees.

a. It shall be in any one of the forms namely Account Payee Demand Draft drawn from any Nationalized bank in India or Bank Guarantee issued by a Nationalized bank in India, in the prescribed form as provided in

Section J of this document in favour of the Purchaser.(M/s Powergrid) The validity of Bank Guarantee will be for a period up to sixty (60) days beyond respective Warranty Period.

In the event of any failure /default of the contractor with or without any quantifiable loss to the Purchaser the amount of the performance security is liable to be forfeited. The Purchaser may do the needful to cover any failure/default of the contractor with or without any quantifiable loss to the Purchaser.

In the event of any amendment issued to the contract, the contractor shall, within Seven (7) days of issue of the amendment, furnish the corresponding amendment to the Performance Security (as necessary), rendering the same valid in all respects in terms of the contract, as amended.

The Purchaser will release the Performance Security without any interest to the contractor on completion of the contractor's warranty and contractual obligations including submission of satisfactory performance certificates received from Hospital authorities.

5. Technical Specifications and Standards

The Goods & Services to be provided by the supplier under this contract shall conform to the technical specifications and quality control parameters mentioned in 'Technical Specification' and 'Quality Control Requirements' under Sections F and H of this document.

6. Packing and Marking

The packing for the goods to be provided by the supplier should be strong and durable enough to withstand, without limitation, the entire journey during transit including transshipment (if any), rough handling, open Storage etc. without any damage, deterioration etc. As and if necessary, the size, weights and volumes of the packing cases shall also take into consideration, the remoteness of the final destination of the goods and availability or otherwise of transport and handling facilities at all points during transit up to final destination as per the contract.

The quality of packing, the manner of marking within & outside the packages and provision of accompanying documentation shall strictly comply with the requirements as provided in Technical Specifications and Quality Control Requirements under Sections F and G and in SCC under Section D. In case the packing requirements are amended due to issue of any amendment to the contract, the same shall also be taken care of by the supplier accordingly.

Packing instructions:

Unless otherwise mentioned in the Technical Specification and Quality Control Requirements under Sections F and H and in SCC under Section D, the supplier shall make separate packages for each consignee (in case there is more than one consignee mentioned in the contract) and mark each package on three sides with the following with indelible paint of proper quality:

- a. contract number and date
- b. brief description of goods including quantity
- c. packing list reference number
- d. country of origin of goods
- e. consignee's name and full address and
- $f\!\!$. supplier's name and address

7. Inspection, Testing and Quality Control

The purchaser and/or its nominated representative(s) will inspect and/or test the ordered goods and the related services to confirm their conformity to the contract specifications and other quality control details incorporated in the contract. The purchaser shall inform the supplier in advance, in writing, the purchaser's programme for such inspection and, also the identity of the officials to be deputed for this purpose. The cost towards the transportation, boarding & lodging will be borne by the supplier and/or its nominated representative(s)

After the issuance of purchase order, the supplier must bring all the equipment to one location for a pre dispatch inspection, which shall be conducted by atleast two HLL officials. The entire inspection cost (travel/food/accommodation) of HLL for the same to be incurred by the supplier. Post inspection, based on HLL official clearance, the equipment may be dispatched to the destination.

The Technical Specification and Quality Control Requirements incorporated in the contract shall specify what inspections and tests are to be carried out and, also, where and how they are to be conducted. If such inspections and tests are conducted in the premises of the supplier all reasonable facilities and assistance, including access to relevant drawings, design details and production data, shall be furnished by the supplier to the purchaser's inspector at no charge to the purchaser.

If during such inspections and tests the contracted goods fail to conform to the required specifications and standards, the purchaser's inspector may reject them and the supplier shall either replace the rejected goods or make all alterations necessary to meet the specifications and standards, as required, free of cost to the purchaser and resubmit the same to the purchaser's inspector for conducting the inspections and tests again.

In case the contract stipulates pre-dispatch inspection of the ordered goods at premises decided by the purchaser, the supplier shall put up the goods for such inspection to the purchaser's inspector well ahead of the contractual delivery period, so that the purchaser's inspector is able to complete the inspection within the contractual delivery period.

If the supplier tenders the goods to the purchaser's inspector for inspection at the last moment without

providing reasonable time to the inspector for completing the inspection within the contractual delivery period, the inspector may carry out the inspection and complete the formality beyond the contractual delivery period at the risk and expense of the supplier.

The purchaser's/consignee's contractual right to inspect, test and, if necessary, reject the goods after the goods' arrival at the final destination shall have no bearing of the fact that the goods have previously been inspected and cleared by purchaser's inspector during pre-dispatch inspection mentioned above.

Goods accepted by the Purchaser and/or its inspector at initial inspection and in final inspection in terms of the contract shall in no way dilute purchaser's/consignee's right to reject the same later, if found deficient in terms of the warranty clause of the contract, as incorporated under GCC Clause15.

If required by the purchaser, Foreign supplier shall also have the equipment inspected by recognized/ reputed agency like SGS, Lloyd or equivalent (acceptable to the purchaser) prior to dispatch at the supplier's cost and furnish necessary certificate from the said agency in support of their claim.

For details of final inspection please refer section D, special conditions of Contract.

8. Terms of Delivery

Goods shall be delivered by the supplier in accordance with the terms of delivery as follows:

a. The goods shall be supplied, unpacked, installed and commissioned at the designated location as per the Section M. The project has to be completed within 60 days from date of order. All costs including insurance, loading, unloading etc., shall be borne by the supplier.

9. Transportation of Goods

The supplier shall at their own experience, arrange transport (including air/sea/land), loading & unloading of goods up to the consignee address.

10. Insurance:

Unless otherwise instructed in the SCC, the supplier shall make arrangements for insuring the goods against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the following manner:

In case of supply of domestic goods on Consignee site basis, the supplier shall be responsible till the entire goods contracted for arrival in good condition at destination. The transit risk in this respect shall be covered by the Supplier by getting the goods duly insured. The insurance cover shall be obtained by the Supplier and should be valid till installation, testing and commissioning of the equipment.

If the equipment is not commissioned and handed over to the consignee within stipulated period, the insurance will be extended by the supplier at their cost till the successful installation, testing, commissioning and handing over of the goods to the consignee. In case the delay in the installation and commissioning is due to handing over of the site to the supplier by the consignee, such extensions of the insurance will still be done by the supplier, but the insurance extension charges at actuals will be reimbursed.

11. Spare parts

If specified in the List of Requirements and in the resultant contract, the supplier shall supply/provide any or all of the following materials, information etc. pertaining to spare parts manufactured and/or supplied by the supplier:

a. The spare parts as selected by the Purchaser to be purchased from the supplier, subject to the condition that such purchase of the spare parts shall not relieve the supplier of any contractual obligation including warranty obligations; and

b. In case the production of the spare parts is discontinued:

- i) Sufficient advance notice to the Purchaser before such discontinuation to provide adequate time to the purchaser to purchase the required spare parts, etc. at the supplier's risk and cost and
- i) Immediately following such discontinuation, providing the Purchaser, free of cost, the designs, drawings, layouts and specifications of the spare parts, as and if requested by the Purchaser.

Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spares for the goods so that the same are supplied to the Purchaser promptly on receipt of order from the Purchaser.

12. Incidental services

Subject to the stipulation, if any, in the SCC (Section – D), List of equipment (Section – E) and the Technical Specification (Section – F), the supplier shall be required to perform the following services.

- i)Installation & Commissioning, Supervision and Demonstration of the goods and rectification of accidental damages occurred before handing over the system/site to Hospital authorities.
- i) Providing required jigs and tools for assembly, minor civil works required for the completion of the installation.
- iii) Training to Doctors/Technicians on equipment in clinical aspects for operating and maintaining the equipment.

iv)Supplying required number of operation & maintenance manual for the goods.

v)Providing all the necessary as built drawings after the installation and commissioning.

vi)Provide all software updates during warranty period without any additional cost.

13. Distribution of Dispatch Documents for Clearance/Receipt to Goods

The supplier shall send all the relevant dispatch documents well in time to the Purchaser to enable the Purchaser clear or receive (as the case may be) the goods in terms of the contract. Unless otherwise specified in the SCC, the usual documents involved and the drill to be followed in general for this purpose are as follows.

A) For Domestic Goods, including goods already imported by the supplier under its own arrangement.

Within 24 hours of dispatch, the supplier shall notify the purchaser, consignee, and others concerned if mentioned in the contract, the complete details of dispatch and also supply the following documents to them by registered post / speed post (or as instructed in the contract):

Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount;

Consignee Receipt Certificate as per Section M in original issued by the authorized representative of the consignee;

Two copies of packing list identifying contents of each package; Inspection certificate issued by the nominated Inspection agency, if any. Certificate of origin;

Insurance Certificate as per GCC Clause 10

Manufacturers/Supplier's warranty certificate &In-house inspection certificate.

14. Work Completion Period

Works shall be completed by the contractor within 60 days from date of order /handing over of site, whichever is later.

15. Warranty

The contractor warrants comprehensively that the goods supplied under the contract is new, unused and incorporate all recent improvements in design and materials unless prescribed otherwise by the purchaser in the contract. The contractor further warrants thatthe work executed under the contract shall have no defect arising from design, materials (except when the design adopted and / or the material used are as per the Purchaser's/Consignee's specifications) or workmanship or from any act or omission of the contractor, that may develop under normal use of the executed works under the conditions prevailing in India.

This warranty shall remain valid for 1 year from the date of handing over entire facility and acceptance by the Purchaser/Hospital.

In case of any claim arising out of this warranty, the Purchaser shall promptly notify the same in writing to the contractor.

Upon receipt of such notice, the contractor shall, within 8 hours on a 24 (hrs) X 7 (days) X 365 (days) basis respond to take action to repair or replace the defective goods or parts thereof, free of cost, at the ultimate destination. The contractor shall take over the replaced parts/goods after providing their replacements and no claim, whatsoever shall lie on the purchaser for such replaced parts/goods thereafter. The penalty clause form on rectification will be applicable as pretender conditions.

In the event of any rectification of a defect or replacement of any defective goods during the warranty period, the warranty for the rectified/replaced goods shall be extended to a further period from the date such rectified / replaced goods starts functioning to the satisfaction of the purchaser.

If the contractor, having been notified, fails to respond to take action to repair or replace the defect(s) within 8 hours on a 24(hrs) X 7 (days) X 365 (days) basis, the purchaser may proceed to take such remedial action(s) as deemed fit by the purchaser, at the risk and expense of the contractor and without prejudice to other contractual rights and remedies, which the purchaser may have against the contractor.

16. CAMC:

a. Bidder shall offer price for CAMC rates separately

CAMC shall be awarded at the discretion of Purchaser/Hospital at the end of thewarranty period.

- b. The CAMC shall be for 5 years after completion of prescribed warranty period. The bidder shall specify whether the AMC service provider is bidder/OEM/Authorized agent of OEM/ Any third party. The address of the CAMC service provider shall be provided including contact details.
- c. Preventive Maintenance services during CAMC shall be rendered on quarterly basis with minimum gap between two services shall be not less than 90 days and not morethan 115 days. In addition, all breakdown calls shall be attended to immediately and all major repairs shall be rectified within 7 calendar days from the date of intimation, as per tender, failing which, a penalty of Rs.50,000/- per day thereof is leviable until the equipment is repaired and commissioned to the satisfaction of the end user, For this purpose supplier shall carry sufficient inventories to assure prompt replacement of defective parts as per tender
- d. Breakdown calls shall be attended immediately and major complaints shall be rectified within 7 calendar days from the date of intimation. The breakdown calls shallnot be combined with preventive maintenance calls.
- e. In case the performance of CAMC services is not satisfactory and found below the 95% uptime level, the Purchaser / Hospital has the right to source the maintenance services from other means/agency at the risk and cost of supplier including termination of contract and legal/penal actions.
- f. On receipt of CAMC order, the supplier shall furnish performance security for an amount equal to 3% of the CAMC value per annum in the form of Demand Draft or Performance Bank Guarantee, which will be renewed in term with value of everyyear till completion of CAMC period.
- g. The cost of CAMC includes preventive maintenance with required testing, calibration as per technical/service/operational manual, labour and spares. The supplier shall undertake preventive maintenance as recommended in the manufacturer's technical/service /operational manual, but minimum once in three months during the 5 years CAMC period for preventive maintenance.
- h. The cost of CAMC may be quoted along with taxes and duties applicable on the date of Tender Opening. The taxes to be paid extra, to be specifically stated. In the absence of any such stipulation, the price will be taken inclusive of such taxes and no claim for the same will be entertained later.
- i. The payment of CAMC will be made once in every four months after satisfactory completion of said period, duly certified by Hospital authorities, but subject to valid Performance Security.
- j. There will be 95% uptime warranty during CAMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CAMC period by double the downtime period.

k. During the CAMC period, all software updates should be provided free of cost.

17. Terms and Mode of Payment

All Payments to be disbursed by the Client Department (Power Grid Corporation of India Limited) against recommendation of the Project Management Consultant (HLL) based on the tender terms & conditions.

The invoice shall be addressed to:

Power Grid Corporation of India Limited, Plot no.54, sama-savli road Vadodara, Gujarat-390024

Payment shall be made as given below: -

All payments to the lowest bidder should be made by the concerned department / its head of the Department as three payments directly based on the Recommendation by HLL Lifecare Limited.

- 10% of LOA amount shall be released by POWERGRID as 1st instalment on submission of duly signed invoice along with the Advance Bank Guarantee of 110% of payable amount in favour of M/s Powergrid Corporation and against the purchase order placed (on confirmation from bank, payment will be processed). The advance bank guarantee will be returned against the final settlement to the supplier.
- 2) 70% of LOA amount shall be released as 2nd instalment on submission of invoice duly verified by MGM College, Indore, Madhya Pradesh along with documentary evidence and photographs as proof of receipt of material/ equipment against the Purchase Order.

Payment as per para 2 above shall be processed upon receipt of the following documents:

- a) Detailed Invoice
- b) Receipted Delivery Receipt, Packing List etc.
- c) Guarantee/ Warranty Certificate
- d) Manufacturer's certificate for quality of material
- e) Insurance Policy/ Certificate
- f) Physical Verification and acceptance of material by MGM College, Indore, Madhyapradesh
- 3) 20% of LOA amount shall be released as 3rd instalment on submission of invoice duly verified and certified by MGM College, Indore, Madhya Pradesh. The documentary evidence and photographs as proof of successful installation and commissioning of material/equipment shall be furnished against the Purchase Order.

18. Delay in the contractor's performance

(i) Payment shall be released on submission of CPG of 10% of contract value as specified in the bid documents.

(ii) For 20% payment on 1st instalment, Bank Guarantee of 110% of payable amount shall be submitted by the supplier.

(iii) For final 20% payment, successful installation, commissioning and onsite training report duly certified by MGM College, Indore, Madhya Pradesh works under the contract within the time schedule specified by the Purchaser and asincorporated in the contract.

Any unexcused delay by the contractor inmaintaining its contractual obligations towards delivery of goods and performance of services shall render the contractor liable to any or all of the following sanctions:

- (i) Imposition of liquidated damages or
- (ii) Forfeiture of its performance security and
- (iii) Termination of the contract for default.

If at any time during the currency of the contract, the contractor encounters conditions hindering timely

completion of works, the contractor shall promptly inform the Purchaser in writing about the same and its likely duration and make a request to the Purchaser for extension of the completion period accordingly. On receiving the contractor's communication, the Purchaser shall examine the situation as soon as possible and, at its discretion, may agree to extend the completion period, with or without liquidated damages for completion of contractor's contractual obligations by issuing an amendment to the contract.

When the period of completion is extended due to unexcused delay by the contractor, the amendment letter extending the delivery period shall, interalia contain the following conditions:

The Purchaser shall recover from the contractor, by way of liquidated damages on the works, which the Contractor has failed to deliver within the delivery period stipulated in the contract.

- (a) That no increase in price on account of any ground, whatsoever, including any stipulation in the contract for increase in price on any other ground and, also includingstatutory increase in or fresh imposition of applicable taxes or on account of any othertax or duty which may be levied in respect of the works specified in the contract, which takes place after the date of completion stipulated in the contract shall beadmissible on such of the said works as are completed and performed after the date of the completion stipulated in the contract.
- (b) But nevertheless, the Purchaser shall be entitled to the benefit of any decrease in price on account of reduction in or remission of applicable taxes or any other duty or tax or levy or on account of any other grounds, which takes place after the expiry of the date of completion stipulated in the contract.

19. Liquidated damages

If the contractor fails to complete the works within the time frame(s) incorporated in the contract, the Purchaser shall, without prejudice to other rights and remedies available to thePurchaser under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 0.5% per week of delay or part thereof on delayed supply of goodsand/or services until actual delivery or performance subject to a maximum of 7.5% of the contract price or actual liability of the purchaser due to delayed works or total performance of the contractor, whichever is higher. Once the maximum is reached by the Purchaser may consider termination of the contract.

20. Termination for default

The Purchaser, without prejudice to any other contractual rights and remedies available to it (the Purchaser), may, by written notice of default sent to the contractor, terminate the contract in whole or in part, if the contractor fails to execute works or perform any other contractual obligation(s) within the time period specified in the contract, or within any extension thereof granted by the purchaser

In the event of the Purchaser terminates the contract in whole or in part, the Purchaser may execute the works similar to those cancelled, with such terms and conditions and in such manner as it deems fit and the contractor shall be liable to the Purchaser for the extra expenditure, if any, incurred by the Purchaser for arranging such procurement.

Unless otherwise instructed by the Purchaser, the contractor shall continue to perform the contract to the extent not terminated.

21. Termination for insolvency

If the contractor becomes bankrupt or otherwise insolvent, the purchaser reserves the right to terminate the contract at any time, by serving written notice to the contractor without any compensation, whatsoever, to the contractor, subject to further condition thatsuch termination will not prejudice or affect the rights and remedies which have accrued and / or will accrue thereafter to the Purchaser.

22. Force Majeure

Neither the Contractor nor the Purchaser/Owner shall be considered in default in the performance of their obligations as per the Contract so long as such performance is prevented or delayed because of strikes, war, hostilities, revolution, civil commotion, epidemics, accidents, fire, cyclone, flood or because of any law and order proclamation, regulation or ordinance of Government or subdivision thereof or

because of any act of God. The proof of existence of force majeure shall be provided by the party claiming it to the satisfaction of the other.

The Contractor shall advise Purchaser/Owner initially by a Fax, followed by post, the beginning and end of any of the above causes of delay, failing which Purchaser/Owner shall not be liable to consider delays due to the above reasons. Notice as stated above should be given even in case where only the Contractor's bids are under the consideration of the Purchaser/Owner and no acceptance of the same has been given and detailed order issued.

In the event of definite delay even if arising out of reasons due to force majeure, Purchaser/Owner shall have the right at their discretion to cancel the Order or part of the Order without any liability on their part to make any payment to the Contractor while reserving the right to claim refund of and any payment if advanced or paid to Contractor.

23. Termination for convenience

The Purchaser reserves the right to terminate the contract, in whole or in part for its (Purchaser's) convenience, by serving 7days written notice on the contractor at any timeduring the currency of the contract. The notice shall specify that the termination is for the convenience of the Purchaser. The notice shall also indicate interalia, the extent towhich the contractor's performance under the contract is terminated, and the date with effect from which such termination will become effective.

- The goods and services which are complete and ready in terms of the contract for completion and performance within thirty days after the contractor's receipt of the notice of termination shall be accepted by the Purchaser following the contract terms, conditions and prices. For the remaining works, the Purchaser may decide:
- a. To get any portion of the balance completed at the contract terms, conditions and prices; and/or
- b. To cancel the remaining portion of the works and compensate the contractor by paying an agreed amount for the cost incurred by the contractor towardsthe remaining portion of the works.

24. Governing language

The contract shall be written in English language. All correspondence and other documents pertaining to the contract, which the parties exchange, shall also be written accordingly in that language.

25. Notices

Notice, if any, relating to the contract given by one party to the other, shall be sent in writing or by cable and confirmed in writing. The procedure will also provide the senderof the notice, the proof of receipt of the notice by the receiver. The addresses of the parties for exchanging such notices will be the addresses as incorporated in the contract.

The effective date of a notice shall be either the date when delivered to the recipient or the effective date specifically mentioned in the notice, whichever is later.

26. Settlement of Disputes

Arbitration shall not be a means of settlement of any dispute or claim arising out of the contract relating to the work. Any disputes or difference arising between the parties with respect to the performance of any part of this agreement or anything connected therewith, etc shall as far as possible be mutually settled by the process of dialog and negotiation. The Courts at Chennai alone shall have jurisdiction in respect of settlement of any matter arising out or in connection with the contract.

27. Applicable Law

The contract shall be governed by and interpreted in accordance with the laws of India for the time being in force.

Section -D

SPECIAL CONDITIONS OF CONTRACT (SCC)

1. General requirement for eligibility:

- a) In order to decide the responsiveness of tender, the Purchaser may ask the bidder for Demonstration of equipment/system, presentations, sample, etc. and the bidder shall arrange Purchaser's requirement as and when so asked, failing which the tender shall be deemed as non-responsive.
- b) The Licenses, Certifications, if any, required from the regulatory authorities in India with respect to this tender shall be produced along with the tender.
- c) All technical details, catalogue, application details, shall be provided along with the tender.
- d) Signed copy of Tender Document (all pages of Bid documents to be signed & stamped) by the Bidder as token of acceptance of the Terms & Conditions.
- e) Duly filled, signed and sealed forms as per the Annexures of the tender document.
- f) Power of attorney notarized by the authorized signatory to sign and submit the bid documents
- g) Copy of PAN Card. (self-attested Copy)
- h) GST Registration Certificate
- i) Certificate of incorporation / Memorandum of Article (self-attested copy)
- j) Last 3 financial years audited Profit & Loss, Balance Sheet duly certified by Chartered Accountant.
- k) EMD as per tender document. In case of MSME suppliers who had availed the EMD exemption as per the applicable exemptions, has to submit the equivalent amount of EMD as Security deposit within 7 days from the date of award / Letter of Intent / Notification of Award.
- I) One to one compliance statement to technical specification requirements against each item shall be provided along with the tender, with pamphlets/Catalogues.
- m) Acceptance test should be done at designated hospitals, prior to handing over of equipment.
- n) All details of pre installation and installation works along with schedules & drawings should be supplied within a week of award of order.

2. Final Inspection

The final inspection of the Goods will be done by the Technical Committee of the Purchaser and Hospital Authorities after installation and commissioning of the goods.

3. Warranty:

- a) 1 year as per Section E (LIST OF REQUIREMENTS) for comprehensive warranty as per Conditions of Contract of the TE document for complete equipment from the date of satisfactory installation, commissioning, trial run & handing over of equipment to Hospital/Institution.
- b) 95% uptime Warranty of complete equipment with extension of Warranty period by double the downtime period on 24 (hrs) X 7 (days) X 365(days) basis.
- c) All software updates should be provided by the supplier free of cost during Warranty period.

4. Aftersales Service:

After sales service center should be available at on 24 (hrs) X 7 (days) X 365 (days) basis. Breakdowns/Complaints should be attended within 8 hrs. An undertaking by the Manufacturer shall accompany the tender that the spares for the equipment shall be available for at least 5 years + 1 year defect liability period from the date of supply

5. CAMC:

a) Bidder shall offer price for CAMC. CAMC shall be awarded at the discretion of Purchaser/Hospital at the end of the warranty period.

- b) The CAMC shall be for 5 years after completion of prescribed warranty period. The bidder shall specify whether the AMC service provider is bidder/OEM/Authorized agent of OEM/ Any third party. The address of the CAMC service provider shall be provided including contact details.
- c) Preventive Maintenance services during CAMC shall be rendered once in every four months with minimum gap between two services shall be not less than 90 days and not more than 115 days. In addition, all breakdown calls shall be attended to immediately and all major repairs shall be rectified within 7 calendar days from the date of intimation, as per tender, failing which, a penalty of Rs.50,000/- per day thereof is leviable until the equipment is repaired and commissioned to the satisfaction of the end user, For this purpose supplier shall carry sufficient inventories to assure prompt replacement of defective parts as per tender
- d) Breakdown calls shall be attended immediately and major complaints shall be rectified within 7 calendar days from the date of intimation. The breakdown calls shall not be combined with preventive maintenance calls.
- e) In case the performance of CAMC services is not satisfactory and found below the 95% uptime level, the Purchaser / Hospital has the right to source the maintenance services from other means/agency at the risk and cost of supplier including termination of contract and legal/penal actions.
- f) On receipt of CAMC order, the supplier shall furnish performance security for an amount equal to 3% of the CAMC value per annum in the form of Demand Draft or Performance Bank Guarantee, which will be renewed in term with value of every year till completion of CAMC period.
- g) The cost of CAMC includes preventive maintenance with required testing, calibration as per technical/service/operational manual, labour and spares. The supplier shall undertake preventive maintenance as recommended in the manufacturer's technical/ service /operational manual, but minimum once in three months during the 5 years CAMC period for preventive maintenance.
- h) The cost of CAMC may be quoted along with taxes and duties applicable on the date of Tender Opening. The taxes to be paid extra, to be specifically stated. In the absence of any such stipulation, the price will be taken inclusive of such taxes and no claim for the same will been pertained later.
- i) The payment of CAMC will be made once in every four months after satisfactory completion of said period, duly certified by Hospital authorities, but subject to valid Performance Security.
- j) There will be 95% uptime warranty during CAMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CAMC period by double the down time period.
- k) During the CAMC period, all software updates should be provided free of cost.

SECTION E LIST OF REQUIREMENTS

SL NO	Description	Qty (Nos)
01	128 Slice computed tomography scanner with AI automatic Patient positioning	01

SECTION F

Technical Specification

	Tender specifications for 128 slice Computed Tomography Scanner with Al Automatic patient positioning.
	Whole body & Cardiac 64rows, 128-slice CT scanner with 38mm or more physical detector Z axis dimension. The quoted model should be with iterative reconstruction technology for dose reduction. The system should be offered with latest AI-enhanced features.
S.No.	Specification
1	Gantry
1.1	Aperture ≥ 70 cm
1.2	Scan field of view ≥ 50 cm
1.3	Integrated display panel on Gantry front showing patient and/or machine information.
1.4	Laser Lights: The gantry should have 3D positioning Laser lights
1.5	Physical / Digital Tilt should be: + 24 degree or better (Physical is preferable).
2	X-RAY GENERATOR
2.1	Output capacity (actual and not effective): 70 KW or more.
2.2	Continuous helical time: 100 s or more.
3	TUBE ASSEMBLY
3.1	Tube Voltage (actual): 80-140 kV or better with 10 /20 kV steps .
3.2	Max. Tube current range (Actual): 20-600 mA or better
3.3	Mention the Dual Focal spot size (as per IEC 60336: 2005)
3.4	Tube Anode Heat capacity (actual): > 7MHU
3.5	Scan time for full 360-degree rotation for cardiac & whole body: ≤ 0.35 sec
3.6	Tube cooling:
4	Tube cooling rate should be 1000 KHU/min or better.
4.1	Number of physical rows: \geq 64 physically distinct rows
4.2	Number of slices: Ability to acquire or generate 128 slices or better per 360-degree rotation
4.3	Z axis axial coverage in 360-degree rotation with 1:1 pitch:
4.3	> 38mm for all scan mode Pitch:
4.5	Pitch should be freely selectable between 0.5-1.5 or more Range of acquisition & visualization slice thickness (Axial mode & Helical mode):
	0.625 — 5mm or better
5	PATIENT TABLE Maximum load capacity:
5.1	≥ 200 kg Scannable range (Axial & Helical):
5.2	Scalinable range (Axia & Helical). 2000mm Longitudinal table speed:
5.3	≥ 150mm per sec Table Positioning:
5.4	Reproducibility of table positioning (mm) should be +/- 0.25 mm Table dimensions:
5.5	Specify the width and length of the table, distance between gantry front and table base (minimum and maximum should be specified)
6	SCANNING ACQUISITION FEATURES ON CONSOLE
6.1	Dedicated metal artifact reduction for plain & contrast studies with single exposure: (iMAR/SmartMAR/OMAR/SEMAR/HiMAR)
6.2	Dual Energy Scan acquisition & processing:

	Both Contrast based (VNC, iodine mapping etc.) and non- contrast based (Calculi characterization, gout etc.) Dual Energy Applications have to be offered. As standard. All Dual Energy scans, by default, must be single acquisition runs.
	 Following Dual-Energy Applications must be offered as standard: 1. Differentiation of brain hemorrhage from contrast enhancement 2. Virtual non contrast CT scan Brain and Body using Dual energy method. 3.Dual energy-based angiography with bone removal method
	4. Vascular plaque characterization5. Assessment of lung perfusion using dual energy6. Chemical composition of kidney stones.
	7.Bone density and marrow imaging by calcium removal. 8.Liver VNC, with Liver Fat evaluation using Dual energy method
6.3	Temporal resolution: Multisector/single sector based temporal resolution for cardiac scanning
6.4	Triple rule out scan: Acquisition of gated & non-gated study in same sequence & display in same image
6.5	Pulmonary Angio: Free Breathing pulmonary angio
6.6	ECG Gating: Prospective ECG trigger facility
6.7	ECG Editing: Facility for ECG editing for removing irregular or ectopic beat (Retrospective)
6.8	Dynamic Neuro perfusion: 4D Perfusion coverage of 8cm or better
6.9	Artificial Intelligence (AI) features: System must have latest AI-enabled features. e.g. auto-positioning, AI Scan Range selection, AI Inline Rib labelling, AI Lung nodule assessment etc.
7	PATIENT REGISTRATION
7.1	It should be possible to do pre-registration of patient at any time prior to scans
7.2	Special emergency registration should be possible without interacting with console computer
7.3	System must transfer patient information from departmental existing RIS & HIS via DICOM Work list System must transfer examination information and Images from scanner into departmental existing HIS & RIS and PACS
8	PATIENT COMUNICATION
8.1	There should be Integrated patient two-way communication system capable of playing recorded audio
	Automatic Patient instruction: A standard set of commands for patient communication before, during,
8.2	and after scanning should be available In the English and Hindi language
8.2 9	and after scanning should be available In the English and Hindi language OPERATOR CONSOLE WITH TABLE
9	OPERATOR CONSOLE WITH TABLE Operator console should be supplied with Console Table, Chair & monitor adjusting bracket/stand etc Should be able to store Minimum of 4,00,000 - 512x512 images on the console
9 9.1	OPERATOR CONSOLE WITH TABLE Operator console should be supplied with Console Table, Chair & monitor adjusting bracket/stand etc
9 9.1 9.2 9.3 9.4	OPERATOR CONSOLE WITH TABLE Operator console should be supplied with Console Table, Chair & monitor adjusting bracket/stand etc Should be able to store Minimum of 4,00,000 - 512x512 images on the console 2 no of large 24" or more high-resolution medical grade LCD monitors with a display of 1024 X 1024 or better. System should be able to export DICOM format with DVD/CD/USB other than png, jpg, avi, movie etc.
9 9.1 9.2 9.3	OPERATOR CONSOLE WITH TABLE Operator console should be supplied with Console Table, Chair & monitor adjusting bracket/stand etc Should be able to store Minimum of 4,00,000 - 512x512 images on the console 2 no of large 24" or more high-resolution medical grade LCD monitors with a display of 1024 X 1024 or better. System should be able to export DICOM format with DVD/CD/USB other than png, jpg, avi, movie etc. PROCESSING APPLICATION SHOULD BE AVAILABLE ON CONSOLE, WORKSTATION
9 9.1 9.2 9.3 9.4	OPERATOR CONSOLE WITH TABLE Operator console should be supplied with Console Table, Chair & monitor adjusting bracket/stand etc Should be able to store Minimum of 4,00,000 - 512x512 images on the console 2 no of large 24" or more high-resolution medical grade LCD monitors with a display of 1024 X 1024 or better. System should be able to export DICOM format with DVD/CD/USB other than png, jpg, avi, movie etc. PROCESSING APPLICATION SHOULD BE AVAILABLE ON CONSOLE, WORKSTATION MPR: Real-time multi-planar reconstruction (MPR) of secondary views, with viewing perspectives in all planes including curved & orthogonal MPR,
9 9.1 9.2 9.3 9.4 10	OPERATOR CONSOLE WITH TABLE Operator console should be supplied with Console Table, Chair & monitor adjusting bracket/stand etc Should be able to store Minimum of 4,00,000 - 512x512 images on the console 2 no of large 24" or more high-resolution medical grade LCD monitors with a display of 1024 X 1024 or better. System should be able to export DICOM format with DVD/CD/USB other than png, jpg, avi, movie etc. PROCESSING APPLICATION SHOULD BE AVAILABLE ON CONSOLE, WORKSTATION MPR: Real-time multi-planar reconstruction (MPR) of secondary views, with viewing perspectives in all planes including curved & orthogonal MPR, ROI Evaluation: Parallel evaluation of multiple ROI In circle, irregular and polygonal forms.
9 9.1 9.2 9.3 9.4 10 10.1	OPERATOR CONSOLE WITH TABLE Operator console should be supplied with Console Table, Chair & monitor adjusting bracket/stand etc Should be able to store Minimum of 4,00,000 - 512x512 images on the console 2 no of large 24" or more high-resolution medical grade LCD monitors with a display of 1024 X 1024 or better. System should be able to export DICOM format with DVD/CD/USB other than png, jpg, avi, movie etc. PROCESSING APPLICATION SHOULD BE AVAILABLE ON CONSOLE, WORKSTATION MPR: Real-time multi-planar reconstruction (MPR) of secondary views, with viewing perspectives in all planes including curved & orthogonal MPR, ROI Evaluation: Parallel evaluation of multiple ROI In circle, irregular and polygonal forms. Statistical Evaluation: Area/ volume, Standard deviation, Mean value, Image annotation and labeling, Angle measurement, Distance measurement
9 9.1 9.2 9.3 9.4 10 10.1 10.2	OPERATOR CONSOLE WITH TABLE Operator console should be supplied with Console Table, Chair & monitor adjusting bracket/stand etc Should be able to store Minimum of 4,00,000 - 512x512 images on the console 2 no of large 24" or more high-resolution medical grade LCD monitors with a display of 1024 X 1024 or better. System should be able to export DICOM format with DVD/CD/USB other than png, jpg, avi, movie etc. PROCESSING APPLICATION SHOULD BE AVAILABLE ON CONSOLE, WORKSTATION MPR: Real-time multi-planar reconstruction (MPR) of secondary views, with viewing perspectives in all planes including curved & orthogonal MPR, ROI Evaluation: Parallel evaluation of multiple ROI In circle, irregular and polygonal forms. Statistical Evaluation: Area/ volume, Standard deviation, Mean value, Image annotation and labeling, Angle measurement,

40.0	Comparison:
10.6	Able to compare exams with prior studies including oncology cases, neuro cases, body imaging,
	comparison according to RECIST criteria, PETCT cross time point evaluation.
407	CT Angiography:
10.7	Automatic table and bone subtraction in a angiography, Single click bone removal, manual and
	automatic vessel tracking, Carotid Stenosis measurement, Single energy calcium removal and
40.0	CT brain perfusion:
10.8	Software for advanced cerebral perfusion study with stroke protocol and summary maps of the perfused
	area
	CT Body perfusion:
10.9	Multi-slice calculation of blood flow, blood volume, permeability images, VOI measurement tools for
	perfusion characteristics
10.10	CT Colonoscopy & Endoscopy:
	CT Colonoscopy & Endoscopy with virtual navigation, virtual Dissection, electronic cleansing
11	IMAGE POST PROCESSING
	OEM Server architecture with 4 Nos. workstations and 2 concurrent licenses ensuring at least
	16,000 slices visualization capability.
11.1	Basic post-processing licenses (12.1 - 12.5) should be available on all the workstations. 2 concurrent
	licenses for all advanced post-processing licenses (12.6-12.15) should be offered.
	Additionally, 3 Nos. Medical-grade 27" or more Reporting Workstation should be offered.
14.0	Integration:
11.2	Imaging processing Server-Clients must be integrated with existing RIS-PACS in the department.
40	OEM Workstation with dual monitor (independent to scanner acquisition console)
12	OEM Linux or windows-based OS with user friendly user interface
	MPR x 4 license:
12.1	Real-time multi-planar reconstruction (MPR) of secondary views, with viewing perspectives in all planes
	including curved & orthogonal MPR,
	ROI Evaluation x 3 license:
12.2	Parallel evaluation of multiple ROI In circle, irregular and polygonal forms.
	Statistical Evaluation x 3 license:
12.3	Area/ volume, Standard deviation, Mean value, Image annotation and labeling, Angle measurement,
-	Distance measurement
	2D x 3 license:
40.4	2-D, including image zoom and pan, image manipulations, including averaging, reversal of grey-scale
12.4	values, and mirroring; image filter functions, including advanced smoothing algorithm and advanced
	bone correction
40.5	3D x 3 license:
12.5	MIP, Min IP, VRT and other advanced 3D applications and color-coding for different tissues.
	Comparison x 2 license:
12.6	Able to compare exams with prior studies including oncology cases, neuro cases, body imaging,
	comparison according to RECIST criteria, PETCT cross time point evaluation.
	CT Angiography x 4 license:
12.7	Automatic table and bone subtraction in a angiography, Single click bone removal, manual and
	automatic vessel tracking, Carotid Stenosis measurement, Single energy calcium removal
	CT perfusion brain x 2 license:
12.8	Software for advanced cerebral perfusion study with stroke protocol and summary maps of the perfused
-	area
	Body CT perfusion x 2 license:
12.9	Multi-slice calculation of blood flow, blood volume, permeability images, VOI measurement tools for
	perfusion characteristics
12.10	Fusion/rigid registration with two different volumes for multi time point compare x 2 license
	Lung Nodule analysis & segmentation x 2 license:
12.11	lung nodule segmentation and analysis
	Complete Liver segmentation (automated) x 2 license:
	a somplete Errer segmentation fautomateur x 2 noense.
12 12	Pre-processing for complete liver Segmentation and Semi-automated segmentation of arterial portal
12.12	Pre-processing for complete liver Segmentation and Semi-automated segmentation of arterial, portal venous, and venous vascular and bile ducts tree with analysis
12.12	venous, and venous vascular and bile ducts tree with analysis
12.12 12.13	venous, and venous vascular and bile ducts tree with analysis Multi time point compare with WHO & RECIST x 2 license:
	venous, and venous vascular and bile ducts tree with analysis Multi time point compare with WHO & RECIST x 2 license: Should be offered as standard
	venous, and venous vascular and bile ducts tree with analysis Multi time point compare with WHO & RECIST x 2 license: Should be offered as standard Coronary Analysis x 2 license:
	 venous, and venous vascular and bile ducts tree with analysis Multi time point compare with WHO & RECIST x 2 license: Should be offered as standard Coronary Analysis x 2 license: Automatic coronary tracking and labeling. Coronary Plaque composition analysis, Single click stenosis
12.13	venous, and venous vascular and bile ducts tree with analysis Multi time point compare with WHO & RECIST x 2 license: Should be offered as standard Coronary Analysis x 2 license:

12.15	Cardiac Function analysis x 2 license: Cardiac analysis including LV & RV Analysis with EF & bulls eye x 3 license
13	CT GUIDED FLUOROSCOPY
13.1	CT guided Fluoroscopy with ceiling mounted in-room 18inch monitor, with foot pedal & remote.
14	IMAGE RECONSTRUCTION Recon speed:
14.1	Minimum 25 images/sec for axial, helical scans
14.2	Recon Matrix: 512 X 512
14.3	Real time display speed: 20fps or better
15	IMAGE QUALITY
15.1	High contrast Spatial Resolution obtained with entire width of the detector: It should be not less than 15 lines pair per cm or better maximum at 0% MTF X-Y axis acquired with beam collimation not less than 38cm on Catphan Phantom
15.2	Low-contrast resolution: Mention the values
15.3	Spatial resolution: <0.33mm
16	DOSE REDUCTION TECHNIQUES
16.1	There should be pre-patient collimation to reduce unnecessary dose to the patient
16.2	Iterative Reconstruction: iDOSE4/ASiR/SAFFIRE/AIDR
16.3	Model Based Iterative Reconstruction: iMR/ASiR-V/ADMIRE/FIRST
16.4	Cardiac scanning: Prospective gating should be provided for dose reduction
16.5	Organ Dose modulation: Advanced dose limiting for critical organs using ODM / xCARE or equivalent should be offered as standard
16.6	3D Dose Modulation of tube current along X-Y & Z-axis for different patient size and organs should be offered as standard
16.7	Pediatric & infant Imaging protocols with Low dose BMI based protocols must be provided
17	NETWORKING
17.1	DICOM Storage (Send/Receive)
17.2	DICOM Modality Worklist User
17.3	Modality Performed Procedure Step (MPPS)
17.4	DICOM Print User
17.5	Query/Retrieve User and Provider
17.6	DICOM 3 compliance
17.7	Integration with existing departmental RIS and HIS must be done . Any licenses or software needed for the same is to be provided by the vendor. HIS & RIS Vendor's support will be arranged by Hospital.
18	LOCAL ARCHIVING/Saving
18.1	Removable Media
18.2	DVD-RAM archive
18.3	DICOM CD Writer
19	ACCESSORIES
19.1	DUAL HEAD PRESSURE INJECTOR
19.1.1	CT Dual head Pressure injector: Floor mounted touch controlled Dual head injector system
19.2	DRY LASER CAMERA
19.2.1	Resolution: Preferably 32 bits / 500 dpi
19.2.2	Port: Min 3

19.2.3	Number of film trays: Minimum 3
19.2.4	Support film 5izes: 17X 14, 10X12 and others
19.3	UPS
19.3.1	Power: Full System UPS for 15 min backup with maintenance free batteries
19.4	Computer with Color Printer x 2
19.5	4 Way Intercom with accessories
19.6	Lite lead apron 5 No's
19.7	Gonad Shield 5 No's
19.8	Thyroid Shield 5 No's
19.9	Triple film view box 2 No
19.10	Laser Camera for Film Print Triple Tray 1 No with 10 packet films of each size.
19.11	Patient Trolley 1 No
19.12	Wheel Chair 1 No
19.13	Multi Para monitor 10 inch monitor, ECG, SPO2, NIBP module of a reputed make for monitoring vital parameters.
20	MISCELLANEOUS
20.1	LED X-ray Film viewer with adjustable brightness ; capable of holding 3 films of 14"x17" size 3 nos
20.2	Standard Patient positioning accessory and restraining device: All standard Accessories pertaining to patient comfort and desired study like patient restraint kit, elevated head holder, table extension, coronal head rest, table pad, arm rest, cushions and pads, IV pole and infant cradle.
20.3	Cabling of Network (LAN) connectivity for camera system, console system, workstation and computers etc.
20.4	Remote Diagnostics Service: Remote support & Diagnostics Service over a broadband connection. Broadband connection will be provided & maintained by department.
20.5	LEAD GLASS: Lead glass of size 6ft x 3ft should be installed between examination room and console room
20.6	Fire extinguisher Dry CO2 type as required for the building safety.
20.67	Software updates: All future software updates compatible with supplied hardware shall be free of cost during warranty and CMC period.
20.8	Onsite / OffSite training: In house training should be provided for technical staff and radiologists from an application expert from the principal manufacturer. Technical assistance for at least 1 year for demonstration and training of all advanced applications to user site technicians and Doctors both resident and faculty should be provided.
20.9	Manuals: Operators & technical manuals of main and subsystems. Cooling chart curve of the x-ray tube and all other relevant material, if any, like concept guide/books notable published work must be supplied in duplicate.
21	AERB Type Approval/US FDA/CE/CDSCO/BIS System offered should have AERB type approval, US FDA /CE/CDSCO/BIS certification at the time of submission of the bid.

Turnkey & Civil Works

The S	Scope of Work- Site Modification Work	
	ope of work includes complete Civil work, Electrical, Plumbing, hing, Air-conditioning and Fire detection system for the construction of	
	n Centre.	
	preparing the plan, the following aspects have to be addressed –	
•	Care should be taken to provide easy negotiation of the patient	
	stretchers/ trolleys through corridors and doors.	
•	Adequate steel railing like protection of the CT table to avoid hit by	
	the incoming stretchers to be done.	
•	Radiation shielding for doors, walls, windows etc.	
•	Furniture like desk, chairs, shelves etc.	
•	Patient stretcher and other furniture/ accessory to make the scan	
·	center functional.	
The co	est of Site modification work for the area of 1000 sq.ft and Air-	
	ioning of Tonnage 30 TR (including standby unit/s) will be considered for	
	g / Evaluation purpose.	
	of work for Site modification work CT unit works:-	
The sc	ope of work includes complete Civil work, Electrical, Plumbing,	
	hing, Air-conditioning and Fire detection system for the installation of CT	
center		
The C	SCAN CENTRE shall consist of the following rooms:	
•	CT Gantry Room	
٠	Console room	
٠	Equipment room	
٠	Patient preparation room cum change room	
•	Radiologist room x 2	
Civil w	ork	
	onstruction work including construction of brick wall if any, plastering,	
	g as per the approved plan and equipment layout plan.	
	ete bed at CT equipment area.	
	rm for unloading and shifting the CT should be provided if necessary.	
	tray, trench & channel – necessary trenches, cable tray and channels at ed location would be provided.	
All the Consig	construction work to be done as per the final plan approved by the nee.	
Floori	ng	
600 x (500 mm vitrified tiles with 100mm tile skirting to match in CT Gantry &	
Conso	le room, lobby and patient preparation areas, Radiologist room etc.	
	n thick cement concrete flooring with Vinyl flooring in CT equipment / nom.	

Paintin	g	
patient	ats Plastic Emulsion Paint over 2 coats of wall putty including primer in preparation area, Lobby area, console room & Equipment room and ogist room etc. Full height wall tiles should be provided in the CT Gantry	
False C	eiling	
suppor with w	ical tile for ceiling with light weight insulating material of high quality ted on grid or finished seamless with support above ceiling. Finished hite paint or powder coated with white paint, if metallic. Ceiling height the equipment mount and clearances.	
Plumbi	ing work	
	ter service to be provided if required. (The water supply line and drain I be provided by consignee up to CT complex)	
Electric	cal work	
scan ce accesso point w by the	oplier shall be required to specify the total load requirements for the CT enter including the load of air conditioning , room lighting and for the pries if any. The supply line will be provided by the Institute up to one within the CT Scan center area. The distribution panel shall be provided vendor. Few lights in each room shall be connected to the UPS to be emergency lighting.	
The ele	ectrical work shall include the following:	
necess	 All interior electrical wiring- with main distribution panel board, ary MCBs, DB, joint box, switch box etc. the wires shall be of copper of nt capacity as per the load and should be renowned make as listed 	
	es light and power points should be of modular type and of standard is listed below.	
Genera	I lights –LED light fittings with 500 Lux Illumination	
	ate number of earthing required for equipment and accessories should vided by the equipment vendor.	
AIR CO	NDITIONING:	
room r elimina	le Split / Ductable package air conditioners may be used according to equirement and suitability. Humidity control should be effective to ate moisture condensation on equipment surface. The Air conditioning be designed with standby provision to function 24 hours a day.	
The ou damag	tdoor units of AC should have grill coverings to prevent theft and e.	
Ventila	tion is required in toilet.	
Dehum	idifier of 110 Liter - 2 Nos. to be provided.	
Enviror	nment specifications:	
	e Humidity range: To be maintained between 60% and 80% in all areas equipment room which shall be as per requirement of the equipment.	

Temperature ranges: 22± 2° C in all areas except equipment room which shall be as per requirement of the equipment.	
Air conditioning load: The heat load calculations and maintaining the desired temperature and humidity shall be the responsibility of the bidder.	
Furniture:	
Revolving chairs height adjustable, medium-back with hand-rest in the Control room, Radiologist room and viewing area. – 8 NO.S	
Chairs for patient waiting area – Three seater (chrome plated) 10 NO.S	
Cupboard with laminate door shutters for storage of spare parts and accessories (approx size of 6'X3') and records as per requirement. – Qty 3 NO.S	
Drug trolleys 1 numbers for patient preparation area.	
Patient trolley with rubber foam mattress to be kept in the patient preparation room.	
Name boards for all rooms	
Tables for Workstation and Radiologist - 3 NO.S	
Dustbins: 10 no.s	
LED TV - Min 40 inches – for Patient waiting areas.	

Note: Since the proposed specifications are higher end CT machine with advanced features, a technical assistance for at least 1 year for demonstration and training of all advanced applications to be provided to our technicians and Doctors (resident and faculty). Accordingly, 1 Technical Staff to be deployed at hospital premises for one year from the date of project completion and handing over.

SECTION G

FORMS AND DECLARATION

1. FINANCIAL STATEMENT

Name & Address of bidder:

Financial Year	Annual Turnover (In Rs.)
2020-2021	
2021-2022	
2022-2023	
Total annual turnover for the 3 financial years	
Average annual turnover for the 3 financial years	

Note: Enclose audited balance sheets, profit & loss statement and IT return for the above period duly certified by a Chartered Accountant as proof.

We hereby declare that the above Turnover figures are based on the audited financial statements of the firm.

Signature and stamp of Chartered Accountant	Signature and stamp of the bidder			

2. PERFORMANCE STATEMENT

(For the period of last three years)

:_____

·

:_____

Tender Reference No.

Date of opening

Order cross reference No.

Name and address of Purchaser

Country of origin, Name and address

Of the manufacturer/bidder

Order placed by (full address of	Order number	Description and quantityof ordered goods	Valueof order (Rs.)	Date compl ofCon	etion	reasons for	Have the goods been functioning Satisfactorily
Purchaser	and date	and services		As per contract	Actual	delay if any	
1	2	3	4	5	6	7	8

Date:

Signature and seal of the Purchaser

NB: Satisfactory performance certificate from clients to be enclosed

3. CATEGORY DETAILS OF ORGANIZATION

SL No.	Description	Yes/No
1.	*Whether the organization belongs to the MSME category	
2.	*If yes whether the organization belongs to MSE category	
3.	*Whether the MSE organization belongs to SC/ST entrepreneur.	
4.	*Whether the MSE organization belongs to woman entrepreneur.	

*Kindly furnish the copies of documents supporting your above claim along with this Annexureduly filled.

*The Udyog Aadhar no of the bidder

(Self-attested copy of Udyog Aadhar / Udyam Registration certificate should be submitted along with thetechnical bid)

Date:

Signature of the Bidder:

Place:

Name with seal:

Designation:

Address:

4. SELF DECLARATION - MAKE IN INDIA PREFERENCE

In line with Government Public Procurement Order No. P-45021/2/2017-BE-II dt. 15.06.2017 as amended from time to time and as applicable on the date of submission of tender, we hereby certify that we M/s_______(supplier name) are local supplier meeting the requirement of minimum Local content (50%) as defined in above orders for the material against Tender No

Details of location at which local value addition will be made is as follows: ------

------ We also understand, false declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rule for which for which a bidder or its successors can be debarred for up two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.

Seal and Signature of Authorized Signatory

5.SELF DECLARATION – COMPLIANCE TO RULE 144 (XI) OF GFR 2017

1. The facts contained herein are within my own personal knowledge.

2. I have read the Order (Public Procurement No.1, 2 & 3) dtd 23 Jul 2020 & 24 Jul 2020 on the subject of Restrictions under Rule 144 (xi) of the General Financial Rules (GFRs), 2017 regarding restrictions on procurement from a bidder of a country which shares a landborder with India and comply to all the provisions of the Order

4. I understand that the submission of incorrect data and / or if certificate / declaration given by M/s(name of bidder entity) is found to be false, this would be a ground for immediate termination and further legal action in accordance with law as per Clause 12 of the Public Order on Restrictions under Rule 144 (xi) of the General Financial Rules (GFRs), 2017

AUTHORISED SIGNATURE:

DATE:

Seal / Stamp of Bidder

This declaration form part of this tender & it contains general information and serves as a declaration form for all bidders. (Before completing this declaration, bidders must study the General Conditions, Definitions, Govt Directives applicable in respect of Public Procurement No.1, 2 & 3) dtd 23 Jul 2020 & 24 Jul 2020 on Restrictions under Rule 144 (xi) of the General Financial Rules (GFRs), 2017& prescribed tender conditions).

6. REQUISITION FORM FOR E-PAYMENT (In the company letter with sign & seal)

Certified that I am having a Savings / Current Account in <Name of Bank> ------ at<Name of Branch_____ with <IFSC Code>_____. The Account Number is:_____

I wish to receive all payments in this account through NEFT and RTGS systems, as the case may be, for all payments relating to this work.

Name of Bidder

Place:

Date:

(Attach Scanned copy of Cancelled cheque of above bank)

7.SELF-DECLARATION NON BLACK LISTED

To,

Vice President Sourcing HLL Lifecare Limited HLL Bhavan, Poojappura Thiruvananthapuram-695012 Kerala, India <u>Tel:+91</u> 4712354949 (EXT 242/272/273) Email-sdrbdsouth@lifecarehll.com

Dear Sir,

This is to certify that our company has not been Black Listed /debarred or found guilty of malpractice /misconduct either by State Government or /Government of India or any other Government institution in connection with manufacture and supply of any of the product(s) quotedduring the last 5 years' period.

Signature:

Date:		
Place:		
Name:		
Designation:		
Seal:		

8. NO DEVIATION CERTIFCATE

То

Vice President Sourcing HLL Lifecare Limited HLL Bhavan, Poojappura Thiruvananthapuram-695012 Kerala, India <u>Tel:+91</u> 4712354949 (EXT 242/272/273) Email-sdrbdsouth@lifecarehll.com

Subject: No Deviation Certificate for Supply and installation of CT Machine MGM College, Indore, Madhya pradesh

Tender Ref.No. HLL/SD/2023-24/TENDER/35 Dt.02.02.2024

Dear Sir,

With reference to above this is to confirm that as per Tender conditions we have visited site before submission of our Offer and noted the job content and site condition etc. We also confirm that we have not changed/modified the above tender document and in case of observance of the same at any stage it shall be treated as null and void.

We hereby also confirm that we have not taken any deviation from Tender Clause together with other reference as enumerated in the above referred Notice Inviting Tender and we hereby convey our unconditional acceptance to all terms & conditions as stipulated in the Tender Document.

In the event of observance of any deviation in any part of our offer at a later date whether implicit or explicit, the deviations shall stand null and void.

Yours faithfully,

Date: (Signature, name and designation of the Authorized signatory)

Name and seal of Bidder

Note: In case of Association, the Associate Bidder shall also submit the Form

9. ACCEPTANCE FORM

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

From

То

Vice President Sourcing HLL Lifecare Limited HLL Bhavan, Poojappura Thiruvananthapuram-695012 Kerala, India <u>Tel:+91</u> 4712354949 (EXT 242/272/273) Email-sdrbdsouth@lifecarehll.com

Tender Ref.No. HLL/SD/2023-24/TENDER/35, dated. 02.02.2024

We, the undersigned have examined the above mentioned Tender document, including amendment/corrigendum No._____, dated_____(if any), the receipt of which is hereby confirmed. We now offer to supply and deliver (Description of goods and services) in conformity with your above referred document, as shown in the price schedule(s), attached herewith and made part of this tender.

If our tender is accepted, we undertake to supply the goods and perform the services as mentioned above, in accordance with the delivery schedule specified in the List of Requirements.

We further confirm that, if our tender is accepted, we shall provide you with a performance security of required amount in an acceptable form in terms of GCC clause 5, read with modification, if any, in Section - D – "Special Conditions of Contract", for due performance of the contract.

We agree to keep our tender valid for acceptance as required in the ITB clause 8.5, or for subsequently extended period, if any, agreed to by us. We also accordingly confirm to abide by this tender up to the aforesaid period and this tender may be accepted any time before the expiry of the aforesaid period. We further confirm that, until a formal contract is executed, this tender read with your written acceptance thereof within the aforesaid period shall constitute a binding contract between us.

We further understand that you are not bound to accept the lowest or any tender you may receive against your above-referred tender enquiry.

We confirm that we do not stand deregistered/banned/blacklisted by any Govt. Authorities. We confirm that we fully agree to the terms and conditions specified in above mentioned TE document, including amendment/ corrigendum if any

Yours faithfully,

SIGNATURE OF THE BIDDER WITH SEAL

10. COMPLETION PERIOD

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

Supply and installation of CT Machine MGM College, Indore, Madhya Pradesh shall be completed within a period of 50 Days from the date of Letter of Intent/Work Order or Site Clearance (whichever is later), irrespective to the no. of sites awarded.

SIGNATURE OF THE BIDDER WITH SEAL

11.INTEGRITY PACT

(In the company letter with sign & seal)

All bidders are bound to comply with the integrity pact clauses. Bids submitted without signing the integrity pact will be ab initio rejected without assigning any reason.

HLL Lifecare Limited.

Division:

Tender No: HLL/SD/2023-24/TENDER/35 dated 02.02.2024

INTEGRITY PACT

This Pre-Contract Integrity Pact (herein after called the Integrity Pact) is made on _____ day of the month of _____

Between

HLL Lifecare Ltd. a Government of India Enterprise with registered office at HLL Bhavan, Poojappura, Thiruvananthapuram 695 012, Kerala, India. (Hereinafter called "HLL", which expression shall mean and include, unless the context otherwise requires, his successors in office and assigns) of the First Party.

And

M/s ______ with office atrepresented by Shri _____, Designation...... (hereinafter called the "Bidder/Seller"/Contractor/Agent which expression shall mean and include, unless the context otherwise requires, his successors and permitted assigns) of the Second Party.

Both HLL and Bidder referred above are jointly referred to as the Parties.

Preamble

NOW, THEREFORE,

To avoid all forms of corruption by following a system that is fair, transparent and free from any influence/prejudiced dealings prior to, during and subsequent to the currency of the contract to be entered into with a view to:-

1. Enable HLL to obtain the desired materials/ stores/equipment/ work/ project done at a competitive price in conformity with the defined specifications by avoiding the high cost and the distortionary impact of corruption on public procurement; and

2. Enable the Bidder to abstain from bribing or indulging in any corrupt practice in order to secure the contract by providing assurance to them that their competitors will also abstain from bribing and other corrupt practices and HLL will commit to prevent corruption, in any form, by its officials by following transparent procedures.

The parties hereto hereby agree to enter into this Integrity Pact and agree as follows:

Clause.1. Commitments of HLL

1.1 HLL undertakes that HLL and/or its Associates (i.e. employees, agents, consultants, advisors, etc.) will not demand, take a promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favour or any material or immaterial benefit or any other advantage from the bidder, either for themselves or for any person, organization or third party related to the contract in exchange for an advantage in the bidding process, bid evaluation, contracting or implementation

process related to the contract.

1.2 HLL will, during the tender process / pre-contract stage, treat all BIDDERs with equity and reason, and will provide to all BIDDERs the same information and will not provide any such information or additional information, which is confidential in any manner, to any particular BIDDER which could afford an advantage to that particular BIDDER in comparison to other BIDDERs in relation to tendering process or during the contract execution.

1.3 All the officials of HLL will report to IEM, any attempted or completed breaches of the above commitments as well as any substantial suspicion of such a breach.

1.4 HLL will exclude from the process all known prejudiced persons and persons who would be known to have a connection or nexus with the prospective bidder.

1.5 If the BIDDER reports to HLL with full and verifiable facts any misconduct on the part of HLL's Associates (i.e. employees, agents, consultants, advisors, etc.) and the same is prima facie found to be correct by HLL, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings may be initiated by HLL. Further, such an Associate may be debarred from further dealings related to the contract process. In such a case, while an enquiry is being conducted by HLL the proceedings under the contract would not be stalled.

Clause 2. Commitments of BIDDERs/ CONTRACTORs

2. The BIDDER commits itself to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of its bid or during any pre-contract or post-contract stage in order to secure the contract or in furtherance to secure it and in particular commit itself to the following:-

2.1 The BIDDER will not offer, directly or indirectly (i.e. employees, agents, consultants, advisors, etc.) any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of HLL, connected directly or indirectly with the bidding process, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding, evaluation, contracting and implementation of the contract.

2.2 The BIDDER further undertakes that it has not given, offered or promised to give, directly or indirectly any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of HLL or otherwise in procuring the contract or forbearing to do or having done any act in relation to obtaining or execution of the contract or any other contract with the Government for showing or forbearing to show favor or disfavor to any person in relation to the contract or any other contract or any other contract or any other contract or any other contract.

2.3 The BIDDER will not engage in collusion, price fixing, cartelization, etc. with other counterparty(s).

2.4 The counterparty will not pass to any third party any confidential information entrusted to it, unless duly authorized by HLL.

2.5 The counterparty will promote and observe ethical practices within its Organization and its affiliates.

2.6 BIDDER shall disclose the name and address of agents and representatives and Indian BIDDERS shall disclose their foreign principals or associates.

2.7 The counterparty will not make any false or misleading allegations against HLL or its Associates.

2.8 BIDDERs shall disclose the payments to be made by them to agents/brokers or any other intermediary, in connection with this bid/contract.

2.9 The BIDDER further confirms and declares to HLL that the BIDDER is the original manufacture/integrator/authorized government sponsored export entity of the defense stores and has not engaged any individual or firm or company whether Indian or foreign to intercede, facilitate or in any way to recommend to HLL or any of its functionaries, whether officially or unofficially to award the contract to the BIDDER, nor has any amount been paid, promised or intended to be paid to any such individual, firm or company in respect of any such intercession, facilitation or recommendation.

2.10 The BIDDER while presenting the bid or during pre-contract negotiations or before signing the

contract, shall disclose any payments he has made, is committed to or intends to make to officials of HLL or their family members, agents, brokers or any other intermediaries in connection with the contract and the details of services agreed upon for such payments.

2.11 The BIDDER will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.

2.12 The BIDDER commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.

2.13 If the BIDDER or any employee of the BIDDER or any person acting on behalf of the BIDDER, either directly or indirectly, is a relative of any of the officers of HLL, or alternatively, if any relative of an officer of HLL has financial interest/stake in the BIDDER's firm, the same shall be disclosed by the BIDDER at the time of filing of tender. The term 'relative' for this purpose would be as defined in Section F of the Companies Act 1956.

2.14 The BIDDER shall not lend to or borrow any money from or enter into any monetary dealings or transactions, directly or indirectly, with any employee of HLL.

2.15 The BIDDER will not collude with other parties interested in the contract to impair the transparency, fairness and progress of the bidding process, bid evaluation, contracting and implementation of the contract, and will not enter into any undisclosed agreement or understanding with other Bidders, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

2.16 The BIDDER will not commit any offence under the relevant Indian Penal Code, 1860 or Prevention of Corruption Act, 1988; further the Bidder(s)/ Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the HLL as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically. The BIDDER also undertakes to exercise due and adequate care lest any such information is divulged.

2.17 The BIDDER will not instigate third persons to commit offences outlined above or be an accessory to such offences.

2.18 The Bidder(s)/Contractors(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly the Bidder(s)/Contractors(s) of Indian Nationality shall furnish the name and address of the foreign Principal(s), if any.

2.19 The Bidder(s) shall not approach the courts while representing the matters to IEM and the Bidder(s) will await their decision in the matter.

Clause.3. Previous contravention and Disqualification from tender process and exclusion from future contracts

3.1 The BIDDER declares that no previous contravention occurred in the last three years immediately before signing of this Integrity Pact, with any other company in any country in respect of any corrupt practices envisaged hereunder or with any Public Sector Enterprise in India or any Government Department in India that could justify BIDDER's exclusion from the tender process

3.2 The BIDDER agrees that if it makes incorrect statement on this subject, BIDDER can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason. If BIDDER before award or during execution has committed a contravention through a violation of Clause 2, above or in any other form such as to put his reliability or credibility in question, t HLL is entitled to disqualify the BIDDER from the tender process.

Clause.4. Equal treatment of all Bidders / Contractors / Subcontractors

4.1 The Bidder(s)/ Contractor(s) undertake(s) to demand from his Subcontractors a commitment in conformity with this Integrity Pact.

4.2 HLL will enter into agreements with identical conditions as this one with all Bidders and Contractors.

4.3 HLL will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

Clause.5. Consequences of Violation / Breach

5.1 Any breach of the aforesaid provision by the BIDDER or any one employed by it or

acting on its behalf (whether with or without the knowledge of the BIDDER) shall entitle HLL to take all or any one of the following action, wherever required:-

i. To immediately call off the pre-contract negotiations without assigning any reason or giving any compensation to the

BIDDER. However, the proceedings with the other BIDDER(s) would continue.

ii. If BIDDER commits violation of Integrity Pact Policy during bidding process, he shall be liable to compensate HLL by way of liquidated damages amounting to a sum equivalent to 5% to the value of the offer or the amount equivalent to Earnest Money Deposit, whichever is higher.

iii. In case of violation of the Integrity Pact after award of the contract, HLL will be entitled to terminate the contract. HLL shall also be entitled to recover from the contractor liquidated damages equivalent to 10% of the contract value or the amount equivalent to security deposit/ performance guarantee, whichever is higher.

iv. To immediately cancel the contract, if already signed, without giving any compensation to the BIDDER.

v. To recover all sums already paid by HLL, and in case of an Indian BIDDER with interest thereon at 2% higher than the prevailing Prime Lending Rate of State Bank of India, while in case of a BIDDER from a country other than India with interest thereon at 2% higher than the LIBOR. If any outstanding payment is due to the BIDDER from HLL in connection with any other contract for any other stores, such outstanding payment could also be utilized to recover the aforesaid amount.

vi. To encash the advance bank guarantee and performance guarantee /warranty bond, if furnished by the BIDDER, in order to recover the payments already made by HLL, along with interest.

vii. To cancel all or any other contract with the BIDDER. The BIDDER shall be liable to pay compensation for any loss or damage to HLL resulting from such cancellation/recession and HLL shall be entitled to deduct the amount so payable from the money(s) due to the BIDDER.

viii. To debar the BIDDER from participating in future bidding processes of HLL for a minimum period of five (5) years, which may be further extended at the discretion of HLL or until Independent External Monitors is satisfied that the Counterparty will not commit any future violation.

ix. To recover all sums paid in violation of this Pact by BIDDER(s) to any middleman or agent or broker with a view to securing the contract.

x. In cases where irrevocable Letters of credit have been received in respect of any contract signed by HLL with the BIDDER, the same shall not be opened.

xi. Forfeiture of performance guarantee in case of a decision by HLL to forfeit the same without assigning any reason for imposing sanction for violation of the pact.

5.2 HLL will be entitled to all or any of the actions mentioned in para 5.1(i) to (x) of this pact also on the commission by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER), of an offence as defined in Chapter IX of the Indian Penal Code, 1860 or Prevention of Corruption Act, 1988 or any other

Statute enacted for prevention of corruption.

5.3 The decision of HLL to the effect that a breach of the provisions of this Pact has been committed by the BIDDER shall be final and conclusive on the BIDDER. However, the BIDDER can approach the Independent External Monitor(s) appointed for the purposes of this Pact.

Clause.6. Fall Clause

The BIDDER undertakes that it has not supplied/is not supplying similar product/systems or subsystems OR providing similar services at a price / charge lower than that offered in the present bid in respect of any other Ministry/Department of the Government of India or PSU and if it is found any stage that similar product/systems or sub systems was supplied by the BIDDER to any of the Ministry/Department of the Government of India or a PSU at a lower price, then that very price, with due allowance for elapsed time will be applicable to the present case and the difference in the cost would be refunded by the BIDDER to HLL, if the contract has already been concluded.

Clause .7. Independent External Monitor(s)

7.1 HLL has appointed Sh. Ashok Kumar Mangotra IAS (Retd.) as Independent External Monitor(s) (hereinafter referred to as IEM(s)) for this Pact in consultation with the Central Vigilance Commission. Contact details of IEM is as below:

Sh. Ashok Kumar Mangotra IAS (Retd.), Independent External Monitor (IEM) Office: HLL Lifecare Limited, HLL Bhavan, Poojappura, Thiruvananthapuram 695 012, Kerala Email: iemhll@lifecarehll.com

7.2 The responsibility of the IEM(s) shall be to review independently and objectively, whether and to what extent the parties comply with the obligations under this Pact.

7.3 The IEM(s) shall not be subject to instructions by the representatives of the parties and perform their functions neutrally and independently.

7.4 Both the parties accept that the IEM(s) have the right to access all the documents relating to the project/ procurement, including minutes of meetings.

7.5 As soon as the IEM(s) notices, or has reason to believe, a violation of this pact, he will so inform the CEO/CMD.

7.6 The BIDDER(S) accepts that the IEM(s) have the right to access without restriction to all project documentation of HLL including that provided by the BIDDER. The BIDDER will also grant the IEM(s), upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to subcontractors engaged by the BIDDER. The IEM(s) shall be under contractual obligation to treat the information and documents of the BIDDER/ Subcontractor(s) with confidentiality.

7.7 HLL will provide to the IEM(s) sufficient information about all meetings among the parties related to the Project provided such meeting could have an impact on the contractual relation between the parties. The parties will offer to the IEM(s) option to participate in such meetings.

7.8 The IEM(s) will submit a written report to the CEO/CMD of HLL within 8 to 10 weeks from the date of reference or intimation to him by HLL/BIDDER and, should consent arise, submit proposals for correcting problematic situations.

Clause.8.Criminal charges against violating Bidder(s)/ Contractor(s)/ Subcontractor(s)

If HLL obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or if HLL has substantive suspicion in this regard, HLL will inform the same to the Chief Vigilance Officer.

Clause.9. Facilitation of Investigation

In case of any allegation of violation of any provisions of this Pact or payment of commission, HLL or its agencies shall be entitled to examine all the documents, including the Books of Accounts of the BIDDER and the BIDDER shall provide necessary information and documents in English and shall extend all possible help for the purpose of such examination.

Clause.10. Law and Place of Jurisdiction

Both the Parties agree that this Pact is subject to Indian Law. The place of performance and hence this Pact shall be subject to Chennai Jurisdiction.

Clause.11. Other legal Actions

The actions stipulated in the Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

Clause.12. Validity and Duration of the Agreement

This Pact begins when both parties have legally signed it. It expires for the Contractor/Successful bidder 12 months after the last payment under the contract or the complete execution of the contract to the satisfaction of the both HLL and the BIDDER /Seller, including warranty period, whichever is later, and for all other Bidders/unsuccessful bidders 6 months after the contract has been awarded.

If any claim is made / lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged / determined by Chairman and Managing Director of HLL.

Clause. 13. Other provisions

13.1 Changes and supplements as well as termination notices need to be made in writing. Both the Parties declare that no side agreements have been made to this Integrity Pact.

13.1 If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.

13.1 Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions

INWITNESS THEREOF the parties have signed and executed this pact at the place and date first above mentioned in the presents of following witnesses:

HLL Lifecare Ltd.

Bidder

Witness

1.....

1.....

Witness

2.....

2.....

SECTION H

MAKE/MODEL/HSN CODE OF EQUIPMENTS

SL NO	Description	Qty (Nos)	MAKE	MODEL	HSN CODE
01	128 Slice computed tomography scanner with AI automatic Patient positioning	01			

SECTION - I

A)

MANUFACTURER'S/DISTRIBUTOR'S AUTHORISATION FORM

То

Vice President Sourcing HLL Lifecare Limited HLL Bhavan, Poojappura Thiruvananthapuram-695012 Kerala, India Tel:+91 4712354949 (EXT 242/272/273) Email-sdrbdsouth@lifecarehll.com

Dear Sir,

Tender Ref. No. HLL/SD/2023-24TENDER/35 dated 02.02.2024

We further confirm that no supplier or firm or individual other than Messrs.

(name and address of the above agent) is authorized to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred TE documents for the above goods manufactured by us.

We also hereby extend our full warranty, CAMC as applicable as per clause 15 of the General Conditions of Contract, read with modification, if any, in the Special Conditions of Contract for the goods and services offered for supply by the above firm against this TE document.

Yours faithfully,

[Signature Messrs	with	date,	name	and	designation]	for	and	on	behalf	of
----------------------	------	-------	------	-----	--------------	-----	-----	----	--------	----

[Name & address of the manufacturer / distributor]

Note: This letter of authorization should be on the letter head of the manufacturing firm and should be signed by a person competent and having the power of attorney to legally bind the Manufacturer.

CONSORTIUM AGREEMENT

(In Rs. 100 Non Judicial Stamp Paper)

M/s._____having its registered office at______, incorporated ascompany under companies Act 1956 (hereinafter referred as "Lead Partner") which the expression shall unless otherwise include all its successors and permitted assigns and represented by_____in the capacity of______ of the FIRSTPART.

AND

M/s.______having its registered office at______, incorporated as company under companies Act 1956 (hereinafter referred as "Second Partner") which the expression shall unless otherwise include all its successors and permitted assigns and represented by_____in the capacity of______ of the SECOND PART.

For the purpose of this Agreement both the "Lead Partner" as well as "Second Partner" are collectively called "Partners" and individually called "Partner".

Whereas -

a. HLL Lifecare Limited (Purchaser/HLL) has floated a tender vide Tender No:

_____for setting up of ______on turnkey basis at ______.

b. As per the Tender document, bids are to be submitted by any Consortium which will be considered; provided such bids fulfill all the specific requirements in that regard.

c. Now the Parties to this Agreement decided to form a Consortium to participate in the Tender.

d. AND WHEREAS the bid is being submitted based on the consortium agreement being these presents and the bid with its bid forms and submission documents in accordance with the requirement of tender document conditions and requirements have been signed by all the partners and submitted to HLLLifecareLtd.,

NOW THIS AGREEMENT WITNESSTH HEREIN AS FOLLOWS

1. That the Parties to this Consortium do hereby agrees to participate in the Tender in the name and style of "_" (hereinafter referred as "Consortium").

2. **Scope:** Purpose of this Agreement is to participate and submit all necessary bid documents against the Tender floated by HLL and in case of award, supply the tendered items listed below as against teach partner.

SI. No.	List of Equipment	Qty in Nos
1		
2		

3. **Tenure:** This Agreement shall be valid till the date of either rejection of the Bid submitted by this Consortium against the Tender floated by the HLL or till the expiry of the Contract entered between the Consortium members and HLL in case of award of the Tender to this Consortium.

4. In consideration of the bid submission by us to HLL, pre-qualification of our technical bid by HLL if considered acceptable, submission of price bid by us and the award of contract by HLL to the Consortium (if selected by), we the partners to the Consortium, hereby agree that M/s shall act as the Lead Partner for self, and for and on behalf of Partner – II and further declare and confirm that shall be solely bound to HLL for execution of the contract in accordance with the contract terms and shall perform all contractual obligations including technical guarantees. Further, the Lead Partner is authorized to incur liabilities and receive instructions for and on behalf of any or all partners of the Consortium.

5. The Lead Partner shall be solely responsible for Management of all the works to be undertaken under the tender and it shall be the nodal point for HLL for queries, purchase orders, installation and payments.

6. In case of any breach of the said Contract by any of the partners of the Consortium, we hereby agree to be fully responsible for the successful execution/ performance of the Contract in accordance with the terms of the Contract.

7. Further, if HLL suffers any loss or damage on account of any breach of the Contract or any shortfall in the completed work meeting the guaranteed performance parameters as per the technical specifications/ contract documents, the Lead Partner under takes to promptly make good such loss or damage caused to HLL, on HLL's demand without any demure. HLL shall have the right to proceed against.

8. The financial liability of the partners to this Consortium Agreement, to HLL with respect to the any or all claims arising out of the performance or non-performance of the Contract shall, however be not limited in any way so as to restrict or limit the liabilities of either of the partner.

9. It is expressly understood and agreed between the partners to this agreement that the responsibilities and obligations of each of the partners shall be as deline at edin this agreement.

Itisfurtheragreedbythepartnersthattheabovesharingofresponsibilities and obligations shallnot in any way be a limitation of the joint and several responsibilities of the partners under the Contract.

10. Obligations of the Second Partner

a. That, the Second Partner ensures the procurement and supply of the items listed above.

b. That, the Second Partner ensures to provide necessary training to the staffs employed in respective

training centers operating under the provisions of the contract signed between the Consortium and HLL.

c. That, the Second Partner agrees to provide necessary repairers and replacements for supplied items, if any found defective during the tenure of the agreement between the Consortium and HLL Provided such defects have incurred due to any breakage or manufacturing defect and must be pointed out by the Lead Partner to the Second Partner in writing within 3 days from the date of identification of such defect.

11. This Consortium Agreement shall be governed, construed and interpreted in accordance with Laws of India. Courts of Chennai shall have exclusive jurisdiction in all matters arising there under.

12. In case of award of contract, we the partners to this Consortium Agreement do hereby agree that we shall furnish the contract performance guarantee (if any) in favour of the HLL from a bank acceptable/ approved by HLL for a value as stipulated in the Contract Award.

13. It is further agreed that this Consortium Agreement shall be irrevocable and shall form an integral part of the Contract and shall continue to be enforceable till the Consortium members discharges the same. It shall be effective on the date first above mentioned for all purposes and intents.

IN WITNESS WHEREOF, the partners to this Consortium agreement have, through their respective authorized representatives, have executed these presents and affixed their hands and common seal of their respective companies on the day, month and year first abovementioned.

For M/s_

For M/s_____

Authorized Signatory

Witness 1:

2:

SECTION – J

BANK GUARANTEE FORM FOR PERFORMANCE SECURITY

(For the purpose of verification/confirmation of this Bank Guarantee by the Employer, the Bank shall indicate 2 official email ids of the authorized signatories from Issuing Branch and also of the designated higher office (Corporate Office, Zonal Office etc) in the covering letter of the Bank forwarding the Bank Guarantee.)

Bank Guarantee No.

NOA/Contract No.....

......[Name of Contract].....

To: [Name and address of the Employer]

Dear Ladies and/or Gentlemen,

We refer to the Contract ("the Contract") signed on(insert date of the Contract)...... between you and M/s (Name of Contractor),

(or)

vide notification of award issued on(insert date of the notification of award)..... by you to M/s (Name of Contractor)

Or

We refer to the Contract signed on(insert date of the Contract)...... between you and M/s (Name of Contractor),

(or)

vide notification of award issued on(insert date of the notification of award)..... by you to M/s (Name of Contractor)

We undertake to make payment under this Letter of Guarantee upon receipt by us of your first written demand signed by your duly authorized officer declaring the Contractor to be in default under the

Date.....

Contract and without cavil or argument any sum or sums within the above named limits, without your need to prove or show grounds or reasons for your demand and without the right of the Contractor to dispute or question such demand.

Our liability under this Letter of Guarantee shall be to pay to you whichever is the lesser of the sum so requested or the amount then guaranteed hereunder in respect of any demand duly made hereunder prior to expiry of the Letter of Guarantee, without being entitled to inquire whether or not this payment is lawfully demanded.

Except for the documents herein specified, no other documents or other action shall be required, notwithstanding any applicable law or regulation.

Our liability under this Letter of Guarantee shall become null and void immediately upon its expiry, whether it is returned or not, and no claim may be made hereunder after such expiry or after the aggregate of the sums paid by us to you shall equal the sums guaranteed hereunder, whichever is the earlier.

All notices to be given under shall be given by registered (airmail) posts to the addressee at the address herein set out or as otherwise advised by and between the parties hereto.

We hereby agree that any part of the Contract may be amended, renewed, extended, modified, compromised, released or discharged by mutual agreement between you and the Contractor, and this security may be exchanged or surrendered without in any way impairing or affecting our liabilities hereunder without notices to us and without the necessity for any additional endorsement, consent or guarantee by us, provided, however, that the sum guaranteed shall not be increased or decreased.

No action, event or condition which by any applicable law should operate to discharge us from liability hereunder shall have any effect and we hereby waive any right we may have to apply such law so that in all respects our liability hereunder shall be irrevocable and, except as stated herein, unconditional in all respects.

Notwithstanding anything contained herein:

1.Our	liability	under	this	Bank	Guarantee	shall	not	exceed		(value	in
figures	;)	[(\	alue in	word	ls)].		

2. This Bank Guarantee shall be valid upto _____(validity date)_____

3. We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only & only if we receive a written claim or demand on or before _____ (validity date)

For and on behalf of the Bank

[Signature of the authorised signatory(ies)]

Signature_____

Name_____

Designation_____

POA Number_____

Contact Number(s): Tel.		_Mobile	
	Fax Number		
	email		
Common Se	al of the Bank		
			Witness:
	Signature		
	Name		
Add	ress		
Contact Number(s): Tel.			
	email		

Note :

1.For the purpose of executing the Bank Guarantee, the non-judicial stamp papers of appropriate value shall be purchased in the name of Bank who issues the 'Bank Guarantee'.

2. The Bank Guarantee shall be signed on all the pages by the Bank Authorities indicating their POA nos. and should invariably be witnessed.

3. The Bank Guarantee should be in accordance with the proforma as provided. However, in case the issuing bank insists for additional paragraph regarding applicability of ICC publication No: 758, the following may be added at the end of the proforma of the Bank Guarantee [*i.e., end paragraph of the Bank Guarantee preceding the signature(s) of the issuing authority(ies) of the Bank Guarantee*]:

"This Guarantee is subject to Uniform Rules for Demand Guarantee, ICC publication No. 758 except that article 15(a) is hereby excluded."

4.At the time of issuance of the Bank Guarantee (including its extensions) through SFMS facility, the issuing bank will input the IFSC code of Beneficiary Bank as mentioned at GCC clause 9.4 in SCC in their Trade Finance Portal.

Additional paragraph regarding issuance of the Bank Guarantee through SFMS Platform (if applicable), the following should be added at the end of the proforma of the Bank Guarantee [*i.e.,* end paragraph of the Bank Guarantee preceding the signature(s) of the issuing authority(ies) of the Bank Guarantee]:

"This Guarantee has been issued using SFMS Platform and the requisite communication in this regard has been forwarded to the Beneficiary Bank."

7. BANK GUARANTEE FORM FOR ADVANCE PAYMENT

(For the purpose of verification/confirmation of this Bank Guarantee by the Employer, the Bank shall indicate 2 official email ids of the authorized signatories from Issuing Branch and also of the designated higher office (Corporate Office, Zonal Office etc) in the covering letter of the Bank forwarding the Bank Guarantee.)

Bank Guarantee No.

Date.....

NOA / Contract No.....

......[Name of Contract].....

To: [Name and address of the Employer]

Dear Ladies and/or Gentlemen,

We refer to the Contract ("the Contract") vide Notification of Award issued on (insert date of the notification of award)....by you to M/s (Name of Contractor),

(OR)

signed on(insert date of the Contract)...... between you and M/s (Name of Contractor),

having its Prir	ncipal place (of busines	s at(Addres	s of C	Contractor)		and
Registered	Office	at	(Registered		address	of	Contractor)
-				("the	Cont	ractor")	concerning
for the complete execution of the							
(insert name of Package along with name of the Project)							

Provided always that the Bank's obligation shall be limited to the amount of this Bank guarantee or an amount equal to the outstanding balance of the Advance Payment(s) and the accrued interest on the Advance Payment(s), taking into account such amounts, which have been repaid by the Contractor from time to time in accordance with the terms of payment of the said Contract, as certified by you.

Notwithstanding anything contained herein:
1. Our liability under this Bank Guarantee shall not exceed (value in figures) [
2. This Bank Guarantee shall be valid upto(validity date)
3. We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only & only if we receive a written claim or demand on or before (<i>validity date</i>)
For and on behalf of the Bank
[Signature of the authorised signatory(ies)] Signature
Name
Designation
POA Number
Contact Number(s): TelMobile Fax Number
email
Common Seal of the Bank
Witness: Signature
Name
Address
Contact Number(s): TelMobile
email
Note: 1.For the purpose of executing the Bank Guarantee, the non-judicial stamp papers of appropriate value shall be purchased in the name of Bank who issues the 'Bank Guarantee'.

2. The Bank Guarantee shall be signed on all the pages by the Bank Authorities indicating their POA nos. and should invariably be witnessed.

3. The Bank Guarantee should be in accordance with the proforma as provided. However, in case the issuing bank insists for additional paragraph regarding applicability of ICC publication No: 758, the following may be added at the end of the proforma of the Bank Guarantee [*i.e., end paragraph of the Bank Guarantee preceding the signature(s) of the issuing authority(ies) of the Bank Guarantee*]:

"This Guarantee is subject to Uniform Rules for Demand Guarantee; ICC publication No. 758 except that article 15(a) is hereby excluded."

4.At the time of issuance of the Bank Guarantee (including its extensions) through SFMS facility, the issuing bank will input the IFSC code of Beneficiary Bank as mentioned at GCC clause 9.4 in SCC in their Trade Finance Portal.

Additional paragraph regarding issuance of the Bank Guarantee through SFMS Platform (if applicable), the following should be added at the end of the proforma of the Bank Guarantee [*i.e.,* end paragraph of the Bank Guarantee preceding the signature(s) of the issuing authority(ies) of the Bank Guarantee]:

"This Guarantee has been issued using SFMS Platform and the requisite communication in this regard has been forwarded to the Beneficiary Bank."

Section-K

PRICE SCHEDULE

SL NO	Description	Qty (Nos)
01	128 Slice computed tomography scanner with Al automatic Patient positioning	01

(In the letter of the company)

	COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT**						
SI.	Name of the Equipment	1st year (Amt in Rs.)	2nd year (Amt in Rs.)	3rd year (Amt in Rs.)	4th year (Amt in Rs.)	5th year (Amt in Rs.)	
01	128 Slice computed tomography scanner with AI automatic Patient positioning						

* *After completion of 1-year Warranty period.

NOTE: -

- 1) Rate per unit excluding GST shall be quoted above in the price schedule.
- 2) The above rate is for per unit, excluding _____% GST. The GST % shall be mentioned here.
- 3) In case of discrepancy between unit price and total prices, THE UNIT PRICE shall prevail.
- 4) The cost of CAMC which includes preventive maintenance including testing & calibration as per technical/ service /operational manual, labour and spares, after satisfactory completion of Warranty period may be quoted for next 5 years on yearly basis for complete equipment and Turnkey.
- 5) The uptime warranty will be 95 % on 24 (hrs) X 7 (days) X 365 (days) basis or as stated in Technical Specification of the document.
- 6) All software updates should be provided free of cost during CAMC period.
- 7) The stipulations in Technical Specification will supersede above provisions.

8) The supplier shall keep sufficient stock of spares required during Comprehensive Annual Maintenance Contract period. In case the spares are required to be imported, it would be the responsibility of the supplier to import and get them custom cleared and pay all necessary duties.

Business Address	
Place:	Signature of Bidder
Date:	Seal of the Bidder

SECTION - L

CONTRACT FORM –

CONTRACT FORM FOR COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT

This AGREEMENT made on this day ------ between HLL Lifecare Ltd (HLL)/HLL's Client, represented by the ------- having his Office at(hereinafter called HLL/) of one part and M/s.----- represented by ------ aged------ years, having his / her Office at------ (hereinafter called "") of the other part. (The term *HLL/HLL's Client* and ------, wherever the context appear and unless, it is specifically excluded, shall mean and exclude its successor, assign administrators and executors).

WHEREAS the _____had supplied and installed number ______at_against the supply order placed by HLL vide P.O. No. _ and as per provisions of the tender and supply order ______should provide Comprehensive Annual Maintenance Services for this equipment (herein after called services) and the purchaser accepted & approved the rates and terms and conditions offered by _____ in the financial bid for the services to which this agreement made for.

NOW THE AGREEMENT WITNESS AS FOLLOWS:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract / order referred to above.

2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:

a. The terms and conditions stipulated in *Purchaser's* tender document ref._____, Dt.____, Dt._____, Dt._____for the supply of the equipment.

b. The Bid Form and Price Schedule submitted byfor supply and providing the maintenance Services, against the tender.

c. The supply order for supply and installation of the equipment vide Ref. No.____

Dt.___Placed by Purchaser.

3. The Contract of Annual Comprehensive Maintenance is hereby concluded as under:

Sr.	Name of Equipment	Qty	Total CAMC Amt in Rs. (Excl applicable GST)				
No		-	2 nd year	3 rd year	4 th year		6 th year

4. Payments shall be made by HLL/HLL's Client to Supplier as per the Purchaser's tender document, _____hereby covenant with the *Purchaser* to provide the Comprehensive Annual Maintenance

Services in conformity in all respects with the provisions of the *Contract* and the orders referred above.

5. The rates indicated cover all charges towards cost of spare parts, transportation and installation charges, cost of travel, boarding, lodging and expenses related to service personnel and other expenses related to maintenance of the equipment. No claim whatsoever will be entertained.

6. It is agreed that the rates indicated hereunder will be firm during the contract period and the contract period is for 5 years from .(date of expiry of 5 years warranty period)

7. Performance security shall be submitted by way of Bank Guarantee valid till [(fill the date) 2 months after expiry of entire CAMC period] for an amount of Rs. [(fill amount) equivalent to 3 % of the cost of the total CAMC value.

8. It is agreed that ______ will provide preventive maintenance call at least one visit in four

months and the gap between any two Preventive Maintenance should not be less than 90 days and not more than 115 days and attend all breakdown calls, within the time limit prescribed in the tender. In addition, all breakdown calls shall be attended to immediately and all major repairs shall be rectified within 7 calendar days from the date of intimation, as per tender, failing which, a penalty of Rs.50,000/-per day thereof is leviable until the equipment is repaired and commissioned to the satisfaction of the end user, For this purpose you shall carry sufficient inventories to assure prompt replacement of defective parts as per tender.

9. It is agreed that the failure to attend to any breakdown calls within the prescribed time limit will attract penalty as stipulated in the CAMC order.

10. Uptime guarantee of 95% shall be maintained by ______ on annual basis taking into consideration the number of actual working hours and working days of the centre.

11. Purchaser reserves its rights to get the maintenance services done through any other agency at your full risk and cost and also to take appropriate penal action including termination of the contract, if the performance of services is found not satisfactory and below the 95% uptimelevel.

12. All disputes arising out of this agreement would be settled by arbitration by a sole arbitrator to be appointed by the CMD Of Purchaser

13. All disputes arising out of this agreement will be subjected to the jurisdiction of Chennai only.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, Sealed and Delivered by the

Said(For the HLL/HLL'sClient)

in the presence of

Signed, Sealed and Delivered by the

Said(For_____)

in the presence of

SECTION – M **CONSIGNEE RECEIPT CERTIFICATE** (To be given by consignee's authorized representative) The following store (s) has / have been received in good condition: (i) Contract No & date : (ii) Supplier's Name : (iii) Consignee's Name & Address with telephone No.& FaxNo. :___ (iv) Name of the item supplied :_____ (v) Quantity Supplied :_____ (vi) Date of Receipt by the Consignee: (vii) Name and designation of Authorized Representative of Consignee :_____ Signature of Authorized Representative of Consignee with (viii) Date :_____ (ix) Seal of the Consignee :_____

SECTION - N

Proforma of Final Acceptance Certificate by the Consignee

Date___

То				
M/s				
			_	

Project Name:

This is to certify that the equipment(s)/plant(s) as detailed below has/have been received in good conditions along with all the standard and special accessories and a set of spares (subject to remarks in Para no.02) in accordance with the contract/technical specifications. The same has been installed and commissioned.

(a) Contract No		dated	
(b) Description of the equipme	ent(s)/plants:		
(c) Equipment(s)/plant(s)nos.			
(d) Quantity:			
(e) Bill of Loading/Air Way Bill	/Railway Receipt/	Goods Consignment Note no	dated
(f) Name of the vessel/Transp	orter:		
(g) Name of the Consignee:			
(h) Date of commissioning an	d proving test:		
Details of accessories/spare	es not yet supplie	ed and recoveries to be made on th	nat account.
SI. Description of Item	Quantity	Amount to be recovered No.	

The proving test has been done to our entire satisfaction and operators have been trained to operate the equipment(s)/plant(s).

The supplier has fulfilled its contractual obligations satisfactorily ## or

The supplier has failed to fulfill its contractual obligations with regard to the following:

He has not adhered to the time schedule specified in the contract in dispatching the documents/drawings pursuant to 'Technical Specifications'.

He has not supervised the commissioning of the equipment(s)/plant(s)in time, i.e. within the period specified in the contract from date of intimation by the Purchaser in respect of the installation of the equipment(s)/plant(s).

The supplier as specified in the contract has not done training of personnel.

The extent of delay for each of the activities to be performed by the supplier in terms of the contract is

The amount of recovery on account of non-supply of accessories and spares is given under Parano.02.

The amount of recovery on account of failure of the supplier to meet his contractual obligations is ______(here indicate the amount).

Signature.

Name.

Designation with stamp.

Explanatory notes for filling up the certificate:

He has adhered to the time schedule specified in the contract in dispatching the documents/drawings pursuant to 'Technical Specification'.

He has supervised the commissioning of the equipment(s)/plant(s) in time, i.e. within the time specified in the contract from date of intimation by the Purchaser in respect of the installation of the equipment(s)/plant(s).

Training of personnel has been done by the supplier as specified in the contract.

In the event of documents/drawings having not been supplied or installation and commissioning of the equipment(s)/plant(s) having been delayed on account of the supplier, the extent of delay should always be mentioned.

SECTION O

UNDERTAKING LETTER

(Legally Authorized representatives from Supplier should sign/seal and submit along with Technical Bid submission as a part of evaluation)

We hereby undertake and duly agree that, we have been intimated by M/s HLL Lifecare Limited and we fully aware that the complete eligible payment as per contract milestone for those works executed / good supplied / services provided in relation to this tender notification No: HLL/SD/2023-24/TENDER/35,Dt.02-02-2024 Will be directly received from Power grid Corporation of India as per following legal address and contacts.

Region Address:

Western Region-II Power Grid Corporation of India Limited, Plot no.54, sama-savli road Vadodara, Gujarat-390024

Corporate Address:

Power Grid Corporation of India Limited, B9, Qutub Institutional Area, Katwaria Sarai New Delhi- 110016 & CSR Department at Plot No-42, Sector-44, Gurgaon, Haryana- 122003

We also aware that the Bank Guarantee received by HLL Lifecare Limited in relation to this tender notification No: HLL/SD/2023-24/TENDER/35 Dt.02.02.2024 will be surrendered and the custodian of any statutory / financial documents will be Power Grid Corporation of India only.

Hence whatsoever claim related to statutory / financial handling like receipt of payments, bank guarantees, LC payments, Warranty claims, and penalty claims etc.we hereby acknowledge and duly agree that Power Grid Corporation of India is solely responsible for any claim whatsoever related to non-release/delay in release of payment to the supplier/contractor after successful award of contract.

Authorized Signatory Sign & Seal

SECTION P

CONSIGNEE ADDRESS

MGM College, Indore, Madhyapradesh

SECTION Q

TECHNICAL SPECIFICATION COMPLIANCE SHEET

Note :The bidder has to submit signed and stamped Technical specification compliance sheet.The bid without section Q will be summarily rejected

SI No	Item Specification	100% Technically Complied (Yes / No)	Please specify if any deviation from technical specification
1	Gantry		
1.1	Aperture > 70 cm		
1.2	Scan field of view <u>></u> 50 cm		
1.3	Integrated display panel on Gantry front showing patient and/or machine information.		
1.4	Laser Lights: The gantry should have 3D positioning Laser lights Physical / Digital Tilt should be: + 24 degree or		
1.5	better (Physical is preferable).		
2	X-RAY GENERATOR		
2.1	Output capacity (actual and not effective): 70 KW or more.		
2.2	Continuous helical time: 100 s or more.		
3	TUBE ASSEMBLY		
3.1	Tube Voltage (actual): 80-140 kV or better with 10 /20 kV steps .		
3.2	Max. Tube current range (Actual): 20-600 mA or better		
3.3	Mention the Dual Focal spot size (as per IEC 60336: 2005)		
3.4	Tube Anode Heat capacity (actual): ≥ 7MHU		
3.5	Scan time for full 360-degree rotation for cardiac & whole body: $\leq 0.35 \text{ sec}$		
3.6	Tube cooling: Tube cooling rate should be 1000 KHU/min or better.		
4	DETECTOR		
4.1	Number of physical rows: ≥ 64 physically distinct rows		
4.2	Number of slices: Ability to acquire or generate 128 slices or better per 360-degree rotation		
4.3	Z axis axial coverage in 360-degree rotation with 1:1 pitch: ≥ 38mm for all scan mode		
4.4	Pitch: Pitch should be freely selectable between 0.5-1.5 or more		
4.5	Range of acquisition & visualization slicethickness (Axial mode & Helical mode):0.625 — 5mm or better		
5	PATIENT TABLE		
5.1	Maximum load capacity: ≥ 200 kg		
5.2	Scannable range (Axial & Helical): ≥ 2000mm		
5.3	Longitudinal table speed: ≥ 150mm per sec		

	TECHNICAL SPECIFICATION C	OMPLIANCE	<u>SHEET</u>
SI No	Item Specification	100% Technically Complied (Yes / No)	Please specify if any deviation from technical specification
	Table Positioning:	,	
5.4	Reproducibility of table positioning (mm) should be +/- 0.25 mm		
	Table dimensions:		
5.5	Specify the width and length of the table, distance between gantry front and table base (minimum		
	and maximum should be specified)		
6	SCANNING ACQUISITION FEATURES ON CONSOLE		
6.1	Dedicated metal artifact reduction for plain & contrast studies with single exposure: (iMAR/SmartMAR/OMAR/SEMAR/HiMAR)		
6.2	Dual Energy Scan acquisition & processing:Both Contrast based (VNC, iodine mapping etc.)and non- contrast based (Calculi characterization,gout etc.) Dual Energy Applications have to beoffered. As standard. All Dual Energy scans, bydefault, must be single acquisition runs.Following Dual-Energy Applications must beoffered as standard:1. Differentiation of brain hemorrhage fromcontrast enhancement2. Virtual non contrast CT scan Brain and Bodyusing Dual energy method.3.Dual energy-based angiography with boneremoval method4. Vascular plaque characterization5. Assessment of lung perfusion using dualenergy6. Chemical composition of kidney stones.7.Bone density and marrow imaging by calciumremoval.8.Liver VNC, with Liver Fat evaluation usingDual energy method		
6.3	Temporal resolution:Multisector/singlesectorbasedtemporalresolution for cardiac scanning		
6.4	Triple rule out scan: Acquisition of gated & non-gated study in same sequence & display in same image		
6.5	Pulmonary Angio: Free Breathing pulmonary angio		
6.6	ECG Gating: Prospective ECG trigger facility		
6.7	ECG Editing: Facility for ECG editing for removing irregular or ectopic beat (Retrospective)		
6.8	Dynamic Neuro perfusion: 4D Perfusion coverage of 8cm or better		
6.9	Artificial Intelligence (AI) features: System must have latest AI-enabled features. e.g. auto-positioning, AI Scan Range selection, AI Inline Rib labelling, AI Lung nodule assessment etc.		

SECTION Q <u>TECHNICAL SPECIFICATION COMPLIANCE SHEET</u>					
SI No	Item Specification	100% Technically Complied (Yes / No)	Please specify if any deviation from technical specification		
7	PATIENT REGISTRATION				
7.1	It should be possible to do pre-registration of patient at any time prior to scans				
7.2	Special emergency registration should be possible without interacting with console computer				
7.3	System must transfer patient information from departmental existing RIS & HIS via DICOM Work list				
	System must transfer examination information and Images from scanner into departmental existing HIS & RIS and PACS				
8	PATIENT COMUNICATION				
8.1	There should be Integrated patient two-way communication system capable of playing recorded audio				
8.2	Automatic Patient instruction: A standard set of commands for patient communication before, during, and after scanning should be available In the English and Hindi language				
9	OPERATOR CONSOLE WITH TABLE				
9.1	Operator console should be supplied with Console Table, Chair & monitor adjusting bracket/stand etc				
9.2	Should be able to store Minimum of 4,00,000 - 512x512 images on the console				
9.3	2 no of large 24" or more high-resolution medical grade LCD monitors with a display of 1024 X 1024 or better.				
9.4	System should be able to export DICOM format with DVD/CD/USB other than png, jpg, avi, movie etc.				
10	PROCESSING APPLICATION SHOULD BE AVAILABLE ON CONSOLE, WORKSTATION				
10.1	MPR: Real-time multi-planar reconstruction (MPR) of secondary views, with viewing perspectives in all planes including curved & orthogonal MPR,				
10.2	ROI Evaluation: Parallel evaluation of multiple ROI In circle, irregular and polygonal forms.				
10.3	Statistical Evaluation: Area/ volume, Standard deviation, Mean value, Image annotation and labeling, Angle measurement, Distance measurement				
10.4	2D: including image zoom and pan, image manipulations, including averaging, reversal of grey-scale values, and mirroring; image filter functions, including advanced smoothing algorithm and advanced bone correction				

	SECTION G	2	
	TECHNICAL SPECIFICATION C		SHEET
SI No	Item Specification	100% Technically Complied (Yes / No)	Please specify if any deviation from technical specification
10.5	3D: MIP, Min IP, VRT and other advanced 3D applications and color-coding for different tissues.		
10.6	Comparison: Able to compare exams with prior studies including oncology cases, neuro cases, body imaging, comparison according to RECIST criteria, PETCT cross time point evaluation.		
10.7	CT Angiography: Automatic table and bone subtraction in a angiography, Single click bone removal, manual and automatic vessel tracking, Carotid Stenosis measurement, Single energy calcium removal and		
10.8	CT brain perfusion: Software for advanced cerebral perfusion study with stroke protocol and summary maps of the perfused area		
10.9	CT Body perfusion: Multi-slice calculation of blood flow, blood volume, permeability images, VOI measurement tools for perfusion characteristics		
10.10	CT Colonoscopy & Endoscopy: CT Colonoscopy & Endoscopy with virtual navigation, virtual Dissection, electronic cleansing		
11	IMAGE POST PROCESSING		
11.1	OEM Server architecture with 4 Nos. workstations and 2 concurrent licenses ensuring at least 16,000 slices visualization capability. Basic post-processing licenses (12.1 - 12.5) should be available on all the workstations. 2 concurrent licenses for all advanced post- processing licenses (12.6-12.15) should be offered. Additionally, 3 Nos. Medical-grade 27" or more Reporting Workstation should be offered.		
11.2	Integration: Imaging processing Server-Clients must be integrated with existing RIS-PACS in the department.		
12	OEM Workstation with dual monitor (independent to scanner acquisition console) OEM Linux or windows-based OS with user friendly user interface		
12.1	MPR x 4 license: Real-time multi-planar reconstruction (MPR) of secondary views, with viewing perspectives in all planes including curved & orthogonal MPR,		

	SECTION Q				
	TECHNICAL SPECIFICATION C		SHEET		
SI No	Item Specification	100% Technically Complied (Yes / No)	Please specify if any deviation from technical specification		
12.2	ROI Evaluation x 3 license: Parallel evaluation of multiple ROI In circle, irregular and polygonal forms.				
12.3	Statistical Evaluation x 3 license: Area/ volume, Standard deviation, Mean value, Image annotation and labeling, Angle measurement, Distance measurement				
12.4	2D x 3 license: 2-D, including image zoom and pan, image manipulations, including averaging, reversal of grey-scale values, and mirroring; image filter functions, including advanced smoothing algorithm and advanced bone correction				
12.5	3D x 3 license: MIP, Min IP, VRT and other advanced 3D applications and color-coding for different tissues.				
12.6	Comparison x 2 license: Able to compare exams with prior studies including oncology cases, neuro cases, body imaging, comparison according to RECIST criteria, PETCT cross time point evaluation.				
12.7	CT Angiography x 4 license: Automatic table and bone subtraction in a angiography, Single click bone removal, manual and automatic vessel tracking, Carotid Stenosis measurement, Single energy calcium removal				
12.8	CT perfusion brain x 2 license: Software for advanced cerebral perfusion study with stroke protocol and summary maps of the perfused area				
12.9	Body CT perfusion x 2 license: Multi-slice calculation of blood flow, blood volume, permeability images, VOI measurement tools for perfusion characteristics				
12.10	Fusion/rigid registration with two different volumes for multi time point compare x 2 license				
12.11	Lung Nodule analysis & segmentation x 2 license: lung nodule segmentation and analysis				
12.12	Complete Liver segmentation (automated) x 2 license: Pre-processing for complete liver Segmentation and Semi-automated segmentation of arterial, portal venous, and venous vascular and bile ducts tree with analysis				
12.13	Multi time point compare with WHO & RECIST x 2 license: Should be offered as standard				
12.14	Coronary Analysis x 2 license: Automatic coronary tracking and labeling. Coronary Plaque composition analysis, Single click stenosis measurement and coronary vessel tracing, it should be able to perform complete automated 3D processing of the coronary arteries x 3 license				

	SECTION G	2	
	TECHNICAL SPECIFICATION C	OMPLIANCE	SHEET
SI No	Item Specification	100% Technically Complied (Yes / No)	Please specify if any deviation from technica specification
12.15	Cardiac Function analysis x 2 license: Cardiac analysis including LV & RV Analysis with EF & bulls eye x 3 license		
13	CT GUIDED FLUOROSCOPY		
13.1	CT guided Fluoroscopy with ceiling mounted in- room 18inch monitor, with foot pedal & remote.		
14	IMAGE RECONSTRUCTION		
14.1	Recon speed: Minimum 25 images/sec for axial, helical scans		
14.2	Recon Matrix: 512 X 512		
14.3	Real time display speed: 20fps or better		
15	IMAGE QUALITY		
15.1	High contrast Spatial Resolution obtained with entire width of the detector: It should be not less than 15 lines pair per cm or better maximum at 0% MTF X-Y axis acquired with beam collimation not less than 38cm on Catphan Phantom		
15.2	Low-contrast resolution: Mention the values		
15.3	Spatial resolution: <a> 0.33mm		
16	DOSE REDUCTION TECHNIQUES		
16.1	There should be pre-patient collimation to reduce unnecessary dose to the patient		
16.2	Iterative Reconstruction: iDOSE4/ASiR/SAFFIRE/AIDR		
16.3	Model Based Iterative Reconstruction: iMR/ASiR-V/ADMIRE/FIRST		
16.4	Cardiac scanning: Prospective gating should be provided for dose reduction		
16.5	Organ Dose modulation: Advanced dose limiting for critical organs using ODM / xCARE or equivalent should be offered as standard		
16.6	3D Dose Modulation of tube current along X-Y & Z-axis for different patient size and organs should be offered as standard		
16.7	Pediatric & infant Imaging protocols with Low dose BMI based protocols must be provided		
17	NETWORKING		
17.1	DICOM Storage (Send/Receive)		
17.2	DICOM Modality Worklist User		
17.3	Modality Performed Procedure Step (MPPS)		
17.4	DICOM Print User		
17.5	Query/Retrieve User and Provider		
17.6	DICOM 3 compliance		

	SECTION	2				
TECHNICAL SPECIFICATION COMPLIANCE SHEET						
SI No	Item Specification	100% Technically Complied (Yes / No)	Please specify if any deviation from technical specification			
17.7	Integration with existing departmental RIS and HIS must be done . Any licenses or software needed for the same is to be provided by the vendor. HIS & RIS Vendor's support will be arranged by Hospital.					
18	LOCAL ARCHIVING/Saving					
18.1	Removable Media					
18.2	DVD-RAM archive					
18.3	DICOM CD Writer					
19	ACCESSORIES					
19.1	DUAL HEAD PRESSURE INJECTOR					
19.1.1	CT Dual head Pressure injector: Floor mounted touch controlled Dual head injector system					
19.2	DRY LASER CAMERA					
19.2.1	Resolution: Preferably 32 bits / 500 dpi					
19.2.2	Port: Min 3					
19.2.3	Number of film trays: Minimum 3					
19.2.4	Support film 5izes: 17X 14, 10X12 and others					
19.3	UPS					
19.3.1	Power: Full System UPS for 15 min backup with maintenance free batteries					
19.4	Computer with Color Printer x 2					
19.5	4 Way Intercom with accessories					
19.6	Lite lead apron 5 No's Gonad Shield 5 No's					
19.7 19.8	Thyroid Shield 5 No's					
19.9	Triple film view box 2 No					
19.10	Laser Camera for Film Print Triple Tray 1 No with 10 packet films of each size.					
19.11	Patient Trolley 1 No					
19.12	Wheel Chair 1 No					
19.13	Multi Para monitor 10 inch monitor, ECG, SPO2, NIBP module of a reputed make for monitoring vital parameters.					
20	MISCELLANEOUS					
20.1	LED X-ray Film viewer with adjustable brightness ; capable of holding 3 films of 14"x17" size. – 3 nos					
20.2	Standard Patient positioning accessory and restraining device: All standard Accessories pertaining to patient comfort and desired study like patient restraint kit, elevated head holder, table extension, coronal head rest, table pad, arm rest, cushions and pads, IV pole and infant cradle.					

	SECTION	2			
TECHNICAL SPECIFICATION COMPLIANCE SHEET					
SI No	Item Specification	100% Technically Complied (Yes / No)	Please specify if any deviation from technical specification		
20.3	Cabling of Network (LAN) connectivity for camera system, console system, workstation and computers etc.				
20.4	Remote Diagnostics Service: Remote support & Diagnostics Service over a broadband connection. Broadband connection will be provided & maintained by department.				
20.5	LEAD GLASS: Lead glass of size 6ft x 3ft should be installed between examination room and console room				
20.6	Fire extinguisher Dry CO2 type as required for the building safety.				
20.67	Software updates: All future software updates compatible with supplied hardware shall be free of cost during warranty and CMC period.				
20.8	Onsite / OffSite training: In house training should be provided for technical staff and radiologists from an application expert from the principal manufacturer. Technical assistance for at least 1 year for demonstration and training of all advanced applications to user site technicians and Doctors both resident and faculty should be provided.				
20.9	Manuals: Operators & technical manuals of main and subsystems. Cooling chart curve of the x-ray tube and all other relevant material, if any, like concept guide/books notable published work must be supplied in duplicate.				
21	AERB Type Approval/US FDA/CE/CDSCO/BIS System offered should have AERB type approval, US FDA /CE/CDSCO/BIS certification at the time of submission of the bid.				
22	5 Year Warranty including all accessories				

SECTION Q

TECHNICAL SPECIFICATION COMPLIANCE SHEET

SI No	Item Specification	100% Technically Complied (Yes / No)	Please specify if any deviation from technical specification
	The Scope of Work- Site Modification Work		
	The scope of work includes complete Civil work, Electrical, Plumbing, Furnishing, Air-conditioning and Fire detection system for the construction of CT Scan Centre		
	 While preparing the plan, the following aspects have to be addressed – Care should be taken to provide easy negotiation of the patient stretchers/ trolleys through corridors and doors. Adequate steel railing like protection of the CT table to avoid hit by the incoming stretchers to be done. Radiation shielding for doors, walls, windows etc. Furniture like desk, chairs, shelves etc. Patient stretcher and other furniture/ accessory to make the scan center functional. 		
	1000 sq.ft and Air-conditioning of Tonnage 30 TR (including standby unit/s) will be considered for Ranking / Evaluation purpose.		
	Scope of work for Site modification work CT unit works:-		
	The scope of work includes complete Civil work, Electrical, Plumbing, Furnishing, Air-conditioning and Fire detection system for the installation of CT center		
	The CT SCAN CENTRE shall consist of the following rooms:		
	CT Gantry Room		
	Console room		
	Equipment room		
	 Patient preparation room cum change room 		
	Radiologist room x 2		
	Civil work		
	Civil construction work including construction of brick wall if any, plastering, flooring as per the approved plan and equipment layout plan.		
	Concrete bed at CT equipment area.		
	Platform for unloading and shifting the CT should be provided if necessary.		

Turnkey & Civil Works

SECTION Q

TECHNICAL SPECIFICATION COMPLIANCE SHEET

SI No	Item Specification	100% Technically Complied (Yes / No)	Please specify if any deviation from technica specification
	Cable tray, trench & channel – necessary		
	trenches, cable tray and channels at required location would be provided.		
	All the construction work to be done as per the		
	final plan approved by the Consignee.		
	Flooring		
	600 x 600 mm vitrified tiles with 100mm tile skirting to match in CT Gantry & Console room, lobby and patient preparation areas, Radiologist room etc.		
	50 mm thick cement concrete flooring with Vinyl flooring in CT equipment / UPS room.		
	Painting		
	Two coats Plastic Emulsion Paint over 2 coats of wall putty including primer in patient preparation area, Lobby area, console room & Equipment room and Radiologist room etc. Full height wall tiles should be provided in the CT Gantry room.		
	False Ceiling		
	Acoustical tile for ceiling with light weight insulating material of high quality supported on grid or finished seamless with support above ceiling. Finished with white paint or powder coated with white paint, if metallic. Ceiling height to suit the equipment mount and clearances.		
	Plumbing work		
	Hot water service to be provided if required. (The water supply line and drain line will be provided by consignee up to CT complex)		
	Electrical work		
	The supplier shall be required to specify the total load requirements for the CT scan center including the load of air conditioning, room lighting and for the accessories if any. The supply line will be provided by the Institute up to one point within the CT Scan center area. The distribution panel shall be provided by the vendor. Few lights in each room shall be connected to the UPS to provide emergency lighting.		
	The electrical work shall include the following:		
	Wiring – All interior electrical wiring- with main distribution panel board, necessary MCBs, DB, joint box, switch box etc. the wires shall be of copper of different capacity as per the load and should be renowned make as listed below.		
	Switches light and power points should be of modular type and of standard make as listed below.		

SI No	TECHNICAL SPECIFICATION C	100% Technically Complied (Yes / No)	SHEEI Please specify if any deviation from technica specification			
	General lights –LED light fittings with 500 Lux	(100 / 110 /				
	Adequate number of earthing required for equipment and accessories should be provided by the equipment vendor.					
	AIR CONDITIONING:					
	Ductable Split / Ductable package air conditioners may be used according to room requirement and suitability. Humidity control should be effective to eliminate moisture condensation on equipment surface. The Air conditioning should be designed with standby provision to function 24 hours a day.					
	The outdoor units of AC should have grill coverings to prevent theft and damage.					
	Ventilation is required in toilet.					
	Dehumidifier of 110 Liter - 2 Nos. to be provided.					
	Environment specifications:					
	Relative Humidity range: To be maintained between 60% and 80% in all areas except equipment room which shall be as per requirement of the equipment.					
	Temperature ranges: 22± 2° C in all areas except equipment room which shall be as per requirement of the equipment. Air conditioning load: The heat load calculations and maintaining the desired temperature and humidity shall be the responsibility of the bidder.					
	Furniture:					
	Revolving chairs height adjustable, medium-back with hand-rest in the Control room, Radiologist room and viewing area. – 8 NO.S					
	Chairs for patient waiting area – Three seater (chrome plated) 10 NO.S					
	Cupboard with laminate door shutters for storage of spare parts and accessories (approx size of 6'X3') and records as per requirement. – Qty 3 NO.S					
	Drug trolleys 1 numbers for patient preparation area.					
	Patient trolley with rubber foam mattress to be kept in the patient preparation room.					
	Name boards for all rooms					
	Tables for Workstation and Radiologist - 3 NO.S					
	Dustbins: 10 no.s LED TV - Min 40 inches – for Patient waiting					

Note: Since the proposed specifications are higher end CT machine with advanced features, a technical assistance for at least 1 year for demonstration and training of all advanced applications to be provided to our technicians and Doctors (resident and faculty). Accordingly, 1 Technical Staff to be deployed at hospital premises for one year from the date of project completion and handing over.

Signature and Seal of the Bidder.....

Section R

CHECK LIST

S.L No	Documents to be submitted	Submitted (Yes/No)	Page No.
1	Bidder should have a valid Certificate of GST Registration		
2	Bidder should have a valid Certificate of IT PAN Card		
3	Bidder should have a valid Certificate of Certificate of incorporation / Memorandum of Article		
4	Bidder shall have the following experience individually or jointly as consortium: - The Bidder must have successfully supplied Medical Equipment at least for the tune of Rs. 6 Crores in last three years ending 31 st March 2023. If consortium, then the lead partner shall have the average annual turnover of at least Rs.4.20 Crores and member partner shall have at least of Rs 1.80 Crores, in the last three years, ending 31st March 2023. The equipment shall be satisfactorily functioning in India.Bidders quoting should be a manufacturer/authorized/Consortium dealer having experience on its own or through their OEM shall have successfully Supplied and installed the Similar Equipment .The order shall be awarded to the responsive qualified bidder, who quotes the lowest amount in total. Copies of work orders and satisfactory work completion reports issued by the Client/Authority concerned shall be submitted in proof of the same.		
5	For Govt. /Departmental works, Work orders and corresponding completion certificate issued by the Competent Authority (Exe. Engr, Supt. Engr., etc.) Shall be submitted. Completion certificates for works issued by private parties shall be supported by TDS certificates/Bank Statement.		
6	Documentary proof for establishing the average annual turnover of the bidder in the last three years, (2020-21, 2021-22 & 2022-23) is not less than Rs 6 Crores certified by a chartered accountant. If consortium, then the lead partner shall have the average annual turnover of at least Rs.4.20 Crores and member partner shall have at least of Rs 1.80 Crores, in the last three years, ending 31st March 2023. The Duly filled and Signed copy of the FINANCIAL STATEMENT as per item no. 1 in Section G is to be attached		
7	Enclose audited Balance sheets, Profit & Loss Statements, and IT return statements certified by a Chartered Accountant as proof of financial status.		
8	The bidder should submit the duly notarized Power of Attorney, issued by the competent authority in favour of the signatory of the bid in the stamp paper of appropriate value as per the Stamp Act.		
9	HSN Code of Equipment as per SECTION H		
10	Manufacturer authorization or Consortium agreement as per SECTION I.		
11	Product brochure literature, write up etc.		
12	Dully filled Performance Statement as per item no.2 of Section G		
13	Dully filled Category Details of Organization (MSE) as per item no.3 of Section G.		
14	Dully filled Self-Declaration – Make in India Preference as per item no. 4 of Section G.		
15	Dully filled Self-Declaration -Compliance to Rule 144(XI) of the GFR 2017 as per item no. 5 of Section G		
16	Dully filled Requisition form for E-payment as per item no. 6 of Section G		
17	Has the Supplier/Firm/Company ever been black listed by the Govt./or the registering authority. (Yes / No)If NO, the duly signed declaration form as per item no-7 of Section- G is to be attached		
18	Self-Certificate: Non-Black Listing Certificate of no-blacklist in any firms in bidders letterhead		
19	Duly Signed No Deviation Certficate as per item no-8 of Section -G to be attached		
20	Duly Signed Acceptance Form as per item no-9 of Section -G to be attached		
21	Duly signed Completion Period declaration as per item no-10 of Section -G to be attached		
22	Dully filled Integrity pact as per item no-11 of Section -G to be attached		
23	Dully Filled Technical Specification Compliance Sheet Section Q to be attached		