



TENDER NOTIFICATION

The Head, CLPC, Sri Adichunchanagiri Shikshana Trust invites closed tenders from eligible tenderers or bonafide licensed manufacturer (OEM) or their authorized local supplier/ dealer/ distributor in the state of Karnataka for the **Procurement of Digital mammography machine at Adichunchanagiri Hospital and Research Center, BG nagara - 571448, Mandya(D)** as per section I & II.

01	Name of the work	Procurement of Digital mammography machine at Adichunchanagiri Hospital and Research Center, BG nagara - 571448, Mandya(D)
02	Last Date for Tender Submission	On or before 26.03.2025 before 5.30 PM

Section-1

Instructions to Tenderers

- 1) The Tenderer shall submit the bids (Technical & Financial bids) through the mail id: **clpthead@bgscet.ac.in** on or before the last date of tender submission (for any or all list of items) on professional business letterheads only. The details to be printed on the letter head is as follows
 - i) Tender for Procurement of Digital mammography machine at Adichunchanagiri Hospital and Research Center, BG nagara - 571448, Mandya(D)
 - ii) Tender Reference number.....[Insert Number]
 - iii) Address to "The HEAD, CLPC, Sri Adichunchanagiri Shikshana Trust, BGSCET Campus, Mahalakshmpuram, Bengaluru - 560086"
 - iv) The tenderer shall submit the original documents to this office on the last day of submission for verification who prefers to submit the tender through Post can dispatch the same through Registered post / Speed post or Couriers as to reach the above address on or before the due date and time specified in the Tender Notice. Tenders received after the due date and time, for what so ever reasons will not be considered and the authority, Head of CLPC will not be liable or responsible for the same.
- 2) **Tender Currency:** Prices shall be quoted in Indian Rupees only.
- 3) **AMC/CMC (IF ANY)** is subject to the Sri Adichunchanagiri shikshana trust's norms.
- 4) **Warranty:** 3 years.
- 5) **Amendment of tender documents:** At any time prior to the deadline of submission of tenders the trust may, for no reason, whether as its own initiative or otherwise modify the tender documents by amendment. Sri Adichunchanagiri Shikshana Trust reserves all the rights to accept, reject, incorporate changes and re-tender without giving any reasons.

[Handwritten Signature]
AD, CLPC
ADICHUNCHANAGIRI
SHIKSHANA TRUST
BANGALORE - 560086



- 6) **Documents Comprising the Tender:** Shall attach Brochure, Certification of the product, Bank/account details, PAN, GSTIN, Good Standing Certificate and 02 years of ITR declaration inside the envelope and the company contact details with email id on the in the below mention format in annexure - 1.
- 7) **Tender Prices:** Prices indicated on the price schedule shall be entered separately I.e. the price of the goods, quoted (ex-works, ex-factory, ex-showroom, ex-warehouse, or off-the-shelf, as applicable), including all duties and sales and the other taxes already paid or payable. Any Indian duties, sales and other taxes which will be payable on the goods if the contract is awarded. Conditional tenders will not be considered. The bidder has to give the quotation in the below enclosed format in annexure - 2.
- 8) **Validity of the Bid:** 90 days from the last date of submission of bid.
- 9) **Corrupt or Fraudulent practices:** Sri Adichunchanagiri Shikshana Trust requires that the tenderers, observe the highest standard of ethics during the procurement and execution of such contracts. In purchase of this policy:
 - a) Will reject a proposal for award if it determines the tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
 - b) Will declare a firm ineligible, either indefinitely or for the stated period of time, to be awarded a university contract if it any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a trust contract.
- 10) **Process to be confidential:** Information relating to the examination, clarification, evaluation, and comparison of tenders and recommendations for the award of contract will not be disclosed to tenderers or any other persons not officially concerned with such process until the award to the successful tenderer has been announced. Any effort by a tenderer to influence the employer's processing of tenders or award decisions may result in rejection of his tender.
- 11) **Clarification of Tenders:** To assist in the examination, evaluation, and comparison of tenders the employer may, at his discretion, ask and tenderer for clarification of his tender, including breakdowns of unit rates. The request for clarification and the response shall be writing or by cable, but no change in the price or substance of the tender shall be sought, offered, or permitted except as required to confirm the correction of arithmetic errors discovered by the employers in the evaluation of the tenders.
- 12) **Delivery:** The successful BIDDER should commence the service as per the tender document/work or purchase order. For any queries or assistance, please write to clphead@bgscet.ac.in or telephone to +91- 8123707324.
- 13) **Penalty Clause:** Non-execution of supply order - for the reasons of failure to supply partially or completely within the stipulated time or any event of breach of contract. In case at any following stages
 - a) For the delayed supply (3 days of grace period) - 5% deduction
 - b) Quantity issues - 5 % deduction
 - c) Quality issues - 10% deduction



Section-2

Technical Specification

SL. No	Particulars	Total Quantity in Nos.
1.	Digital mammography machine	01

Technical Specification for Digital mammography machine

S.N.	Operational requirements
2.1	Full Digital Mammography System consisting of exposure stand with attached swivel system, separate console with radiation shield, automatic exposure control and mammography X-Ray Tube.
2.2	An integrated direct-to-digital Flat Detector based on amorphous selenium preferred.
2.3	A separate workstation for image positioning and patient demographic data is required.
2.4	The workstation should be able to send, receive and print according to DICOM standards.
2.5	The workstation should also be able to obtain DICOM modality, work list from connected information system and send information about performed procedure to the connected information system
2.6	Read and Write in CD/DVD for data Storage and review.

S.N.	Technical Specifications
3.1	<p>Mammography System 01</p> <p>The system should consist of a tube head and detector assembly that has iso centric rotation for every positioning.</p> <p>-The is centric movements should be motorized. The patient Compression device should have automatic multispeed variable compression system which senses the breast density and adjust the. compression force.</p> <p>The maximum compression thickness should be 18 cm or more. The patient table should have motorized grid movement.</p>



	<p>Magnification devices of ratio 1.5 and 1.8 should offered.</p> <p>Digital display of compression force and compression thickness should be available.</p>
3.2	<p>X-Ray Generator and Tube</p> <p>The X-ray generator should be high frequency with the following parameters:</p> <p>kV range: at least 25-35 kV in steps of 1 kV</p> <p>mAS range: 0-750 mAS or more</p> <p>Exposure time: 0-700ms</p> <p>Maximum mA: 180mA or more</p> <p>X-Ray tube unit:</p> <p>Dual focus rotating anode tube with the following parameters:</p> <p>focal spot size: 0.1mm and 0.3mm</p> <p>Anode heat storage: 150 kHU or more</p> <p>Tube heat Storage: 1.3MHU or more</p> <p>Anode material: Molybdenum and Tungsten preferred</p> <p>Please mention the filter material used in the tube</p>
3.3	<p>Flat Panel Detector:</p> <p>Type of detector: Amorphous selenium preferred</p> <p>Detector size: 24cmx29cm or more with two image formats</p> <p>Pixel size: 70μ or less</p> <p>Image matrix in pixels: large size-3Kx 4K or more small size: 2Kx 3K or more</p>
3.4	<p>Workstation for image Acquisition:</p> <p>The workstation should enable immediate image display for general survey for patient positioning. It should be able to store around 10000 images. The networking should on TCP/IP protocol.</p> <p>The following image processing should be possible on the workstation:</p> <p>Image display:</p> <ul style="list-style-type: none">- Freely selectable screen layout- Windows settings (contrast and brightness setting)- Magnification, stepped and dynamic zoom <p>Image inversion (black/white)</p>



Annotation:

- Left/right marking
- Text additions
- Lines
- Rectangles and circles

Measurements:

- Distance
- Angle
- Density

Image evaluation:

- Contrast enhancement (with table)
- Display of histogram
- Length measurements
- Before /after comparison
- Filter

Administration:

- The demographic patient data should be retrieved directly from a HIS/RIS system
- The demographic patient data can be entered manually
- Retrieval of images from CD, DVD or PACS
- Printing of images on DICOM – compatible printers

The workstation should be fully DICOM compatible

High Contrast 1Kx 1K TFT monitor should be provided with workstation.



3.5	Biopsy: Please quote for Stereo tactic biopsy system which is fully compatible with FFDM. A high-resolution image of 20 lp/mm should be possible with the stereo tactic biopsy system.
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S.N.	System Configuration Accessories, spares and consumables
4.1	Mainframe System 01
4.2	X-Ray tube Unit & tube 01
4.3	Flat Panel Detector 01
4.4	Image acquisition Workstation 01
4.5	Stereotactic Biopsy System 01
4.6	Archiving System 01

S.N.	Environmental factors
5.1	The unit shall be capable of operating continuously in ambient temperature of 300 C and relative humidity of 80%
5.2	Proper X-Ray shielding should be provided for the main equipment.
5.3	Pre Requisites should be clearly spelt out in terms of Mammography room requirements.

S.N.	Power supply
6.1	Suitable Power input to be 220-240VAC, 50Hz OR 440 V 3 PHASE, fitted with Indian plug
6.2	Resettable overcurrent breaker shall be fitted for protection
6.3	Spike protector of appropriate rating should be provided
6.4	UPS/CVT of suitable rating conforming to IS-302 shall be supplied.



S.N.	Standards and safety
7.1	Should be FDA or CE approved product
7.2	Electrical safety conforms to standards for electrical safety IEC-60601 / IS-13450
7.3	Safety aspects of radiation dosage leakage should be spelt out
7.4	Phantom for calibration should be provided.
7.5	Should comply with AERB Guidelines for radiation leakage
7.6	Comprehensive guarantee for 5 years of complete system including x-ray tubes and electronic items and all other parts for which order will be placed with uptime warranty of 98%. Comprehensive Guarantee period will be extended by double the downtime if it exceeds more than 2% in a year.
7.7	Rates of comprehensive AMC for complete system including x-ray tubes and electronic items and all parts for which order will be placed with an undertaking of 98% uptime and extension of AMC period by double the downtime if it exceeds more than 2%.
S.N.	Documentation
8.1	User manual in English
8.2	Service manual in English
8.3	List of important spare parts and accessories with their part number and costing.
8.4	Certificate of calibration and inspection from factory.
8.5	Log book with instruction for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out



Annexure - 1
PARTICULARS OF THE BIDDER

Sr. No	Description	Details (to be filled by the responder to the Bid)
1	Name of the company	
2	Official address	
3	Phone No. And Fax No.	
4	Corporate Headquarters Address	
5	Phone No. And Fax No.	
6	Web Site Address	
7	Details of Company's Registration (Please enclose copy of the company registration document)	
8	Name of Registration Authority	
9	Registration Number and Year of Registration	
10	ISO certifications and its validity	
11	GST registration No.	
12	Permanent Account Number (PAN)	
13	Company's Revenue for last 3 years (Year wise)	
14	Company's net worth for the last year	
15	Bank Details (Name, Account no., Branch, IFSC, MICR)	

[Handwritten Signature]



Annexure - 2


The Bidder has to quote the rate in the Item Data available online with this bid. Details to be filled up for price bid are as below:

The price shall be inclusive of all taxes (inclusive of GST) under the relevant Laws of India.

SL. No	Particular	Amount In Rs. (Inclusive of All the taxes)
1	Total Cost for the Procurement of Digital mammography machine at Adichunchanagiri Hospital and Research Center, BG nagara - 571448, Mandya(D)	
Total in Rs and in words -		

Cost related to Supply and Installation as per Items mentioned in the Compliance sheet for technical proposal.

SL. No	Particulars	Qty in Nos.	Unit Rate	Total Cost in Rs.
1	Digital mammography machine	01		
Total in Rs				
GST 18% in Rs.				
Grand Total Amount in Rs.				


13/3/25
HEAD, CLPC
ORI ADICHUNCHANAGIRI
SHEKSHANA TRUST
BANGALORE - 56008