



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 Supply, Installation & commissioning of TMT machine for General Medicine department at BGS MCH Hospital, Nagaruru, Nelamangala, Bengaluru north, Karnataka-562123 as per section I & II.

01	Name of the work	Supply, Installation & commissioning of TMT machine for General Medicine department at BGS MCH Hospital, Nagaruru, Bengaluru north, Karnataka-562123
02	Last Date for Tender Submission	On or before 18.09.2024 before 5.30 PM

Section-1

Instructions to Tenderers

- 1) The Tenderer shall submit the bids (Technical & Financial bids) through the mail id: **clpchead@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 TMT machine for General Medicine department at BGS MCH Hospital, Nagaruru, Nelamangala, Bengaluru north, Karnataka-562123
 - ii) Tender Reference number.....[Insert Number]
 - iii) Address to "The HEAD, CLPC, Sri Adichunchanagiri Shikshana Trust, BGSCET Campus, Mahalakshmiपुरam, 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:** As per the standards
- 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.



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- 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 clpchead@bgscet.ac.in or telephone to +91- 9448270489.
- 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.	Department	Equipment	Quantity
1	General Medicine	TMT machine	01

Stress Exercise Testing System

- Facility to create unlimited protocols
- Cardiac workstation combines both resting and exercise ECG
- Automatic stage printout facility at the end of each exercise
- User selectable multiple display and report format
- Simultaneous acquisition and display of 12 lead raw ECG data
- Standardized algorithm for R wave detection
- Real-time and retrospective J point and iso-electric identification
- Risk predicting Duke treadmill score
- Freeze screen option during live test
- Detection of leads off and arrhythmias

Treadmill

- Low-to-the floor, anti-skid side strips, cushioned deck for patient comfort and safety
- Equipped with high torque AC motor and digitally controlled drive system
- Natural walking/running sensation with no lag time
- Smooth noise free elevation
- Emergency stop switch with alarm

Technical Specification

ECG

Acquisition Simultaneous 12 leads, 14 bits



Sampling Rate	3600 samples / sec
Input Impedance	> 100M ohms
Time Constant	3.2 Sec
CMRR	> 100 dB
Patient Leakage	< 10 μ A
Frequency Response	0.05 Hz to 100 Hz
Digital Filters	50 Hz, muscle tremor 20, 35 or none
Base line Correction	DSP technique to remove ECG
Wandering	
Sweep Speed	5, 12.5, 25, 50 and 100mm / sec
Sensitivity	0.25, 0.5, 1.0, 2.0 and 4.0 cm / mV
ECG Computations	
Calculated Parameters	ST-Level, ST-Slope, HR, METS, Axis etc.
Fiducial Points	Auto / Manual
Enlarged median lead	Configurable Median update Interval 10 seconds
HR Computation	6 beats, updated every second
Protocol	
Standard	Bruce, Modified Bruce, Balke, Ellestad, Naughton
Custom	Unlimited customized protocols can be created
Display	
ECG Display format	4 leads + medians + enlarge median, 6x2 leads + medians, 12 leads + medians + Enlarge median, 3x4 + R lead, Static linked medians + R, 12leads (3.2 / 10 sec)
Data display METS, Protocol and Patient Information etc.	HR, Target HR, BP, Stage Time, Test Time, Speed, Grade, Name, Protocol Stage, STL, STS
Full Disclosure	Beat-to-Beat ECG record
Event Marker	Yes



Printing	
Printer	Laser or DeskJet
Paper Size	A4 size
Reports	
Online	12L + Medians, Linked Medians, 3x4+R, 12 Linked Medians + Enlarge Median, Summary
Auto report	Online Reports, 6L Frontal, 6L Precordial, 12L Rhythm, Average, 12L+Comparison, Trends, ST Tables, Comparison
Offline	All of the above, Linked Medians Summary, Total Disclosure
Connectivity	
Export / communication	PDF, TCP / IP
Network Interface	File storage, Distribution and E-mail
Treadmill	
Speed	0.1 to 9.3 mph or 0.1 to 15 kph
Elevation	0 to 22 %
Belt drive motor power	2 HP AC Motor
Conveyer Belt	Anti-skid
Safety	Optical isolation, Emergency stop
Communication	RS 232
User capacity	250 Kg
Walking area	1520 x 510 mm
Dimension	2180 x 815 x 1165 mm (L x W x H)



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Weight	145 Kg
Operating conditions	
Operating Temperature	10°C to 50°C
Storage Temperature	0°C to 40°C
Relative Humidity	15 to 90% non-condensing
Cart dimension	1070(H) x 780(W) x 435(D) mm
Standard Kit	Treadmill, Acquisition Box, Patient Cable, A4 size paper set, Disposable Electrodes, User Manual, Software CD and Trolley
Options	PC Workstation, Printer, UPS for PC
Minimum Computer	OS: Windows 10 Professional 64bit,
Processor:	Intel i3 10th Generation 2.5 GHz or higher, Hard Disk 500 GB or higher, RAM 4GB or higher, USB Port/Serial Port, CD/DVD Optical Drive and High-Resolution LED/TFT
Remote Service Program Online technical support is available from your office.	



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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]



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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 Supply, Installation & commissioning of TMT machine for General Medicine department at BGS MCH Hospital, Nagaruru	
Total in Rs and in words -		

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

SL. No	Item Description	Quantity	Unit Rate		Total Commercial Cost in Rs.
			Base price in Rs.	% GST/HSN	
General Medicine					
1	TMT machine	1			
Total Price (Inclusive GST) in Rs					


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