

बिड दस्तावेज़ / Bid Document

बिड विवरण / Bid Details	
बिड बंद होने की तारीख/समय / Bid End Date/Time	17-08-2026 16:00:00
बिड खुलने की तारीख/समय / Bid Opening Date/Time	17-08-2026 16:30:00
बिड पेशकश वैधता (बंद होने की तारीख से) / Bid Offer Validity (From End Date)	180 (Days)
मंत्रालय/राज्य का नाम / Ministry/State Name	Ministry Of Science And Technology
विभाग का नाम / Department Name	Department Of Science And Technology (dst)
संगठन का नाम / Organisation Name	Sree Chitra Tirunal Institute For Medical Sciences And Technology (sctimst)
कार्यालय का नाम / Office Name	Thiruvananthapuram
शिकायत निवारण के संपर्क विवरण / Contact details of Grievance redressal	HOD Email id : sm.sctimst-ker@gov.in Buyer Email id: purchase3@sctimst.ac.in
कुल मात्रा / Total Quantity	1
वस्तु श्रेणी / Item Category	Cardiac TMT Machine (V2) (Q2)
वर्षों के अनुभव एवं टर्नओवर से एमएसई को छूट प्राप्त है / MSE Relaxation for Years Of Experience and Turnover	Yes Complete
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / Startup Relaxation for Years Of Experience and Turnover	Yes Complete
विक्रेता से मांगे गए दस्तावेज़ / Document required from seller	Certificate (Requested in ATC), OEM Authorization Certificate, Compliance of BoQ specification and supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेजों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ में है / Do you want to show documents uploaded by bidders to all bidders participated in bid?	Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in)
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या / Minimum number of bids required to disable automatic bid extension	3

बिड विवरण/Bid Details	
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	3
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count	1
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	Yes
रिवर्स नीलामी योग्यता नियम/RA Qualification Rule	H1-Highest Priced Bid Elimination
व्यापक रखरखाव शुल्क आवश्यक / Comprehensive Maintenance Charges Required	Yes
बिड का प्रकार/Type of Bid	Two Packet Bid
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation	2 Days
निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

ईएमडी विवरण/EMD Detail

आवश्यकता/Required	No
-------------------	----

ईपीबीजी विवरण /ePBG Detail

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईपीबीजी प्रतिशत (%) /ePBG Percentage(%)	5.00
ईपीबीजी की आवश्यक अवधि (माह) /Duration of ePBG required (Months).	26

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

लाभार्थी /Beneficiary :

Director, SCTIMST
Thiruvananthapuram, Department of Science and Technology (DST), Sree Chitra Tirunal Institute for Medical Sciences and Technology (SCTIMST), Ministry of Science and Technology
(The Director)

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

एमआईआई खरीद वरीयता / MII Purchase Preference

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

एमएसई खरीद वरीयता/MSE Purchase Preference

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

1. If the bidder is a Micro or Small Enterprise as per latest orders issued by Ministry of MSME, the bidder shall be relaxed from the eligibility criteria of "Experience Criteria" as defined above subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Experience Criteria, shall upload the supporting documents to prove his eligibility for Relaxation.
2. If the bidder is a Micro or Small Enterprise (MSE) as per latest orders issued by Ministry of MSME, the bidder shall be relaxed from the eligibility criteria of "Bidder Turnover" as defined above subject to meeting of quality and technical specifications. If the bidder itself is MSE OEM of the offered products, it would be relaxed from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Turnover, shall upload the supporting documents to prove his eligibility for Relaxation.
3. If the bidder is a DPIIT registered Startup, the bidder shall be relaxed from the the eligibility criteria of "Experience Criteria" as defined above subject to their meeting of quality and technical specifications. The bidder seeking Relaxation from Experience Criteria, shall upload the supporting documents to prove his eligibility for Relaxation.
4. If the bidder is a DPIIT registered Startup, the bidder shall be relaxed from the the eligibility criteria of "Bidder

Turnover" as defined above subject to their meeting of quality and technical specifications. If the bidder is DPIIT Registered OEM of the offered products, it would be relaxed from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Turnover shall upload the supporting documents to prove his eligibility for Relaxation.

5. Preference to Make In India products (For bids < 200 Crore): Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023.

[OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017 and its subsequent Orders/Notifications issued by concerned Ministry .Benefits of MSE will be allowed only if seller/service provider is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

6. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs having valid Udyam Certificate and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service, and Buyer will decide eligibility for purchase preference based on documentary evidence submitted in case of product bids, whereas in case of services the eligibility is automatically validated. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

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

8. Reverse Auction would be conducted amongst all the technically qualified bidders except the Highest quoting bidder. The technically qualified Highest Quoting bidder will not be allowed to participate in RA. However, H-1 will also be allowed to participate in RA in following cases:

- i. If number of technically qualified bidders are only 2 or 3.
- ii. If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.
- iii. In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.
- iv. If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1
- v. If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1

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

Split up Rate - [1785219247.xlsx](#)

Cardiac TMT Machine (V2) (1 pieces)

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 25% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

* जेम कैटेगरी विशिष्टि के अनुसार / As per GeM Category Specification

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
COMPUTER SYSTEM SPECIFICATIONS	Touch Screen Monitor	Yes
WARRANTY	Warranty in Years (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue)	2, 3, 4, 5 Or higher (year)

व्यापक रखरखाव / Comprehensive Maintenance	
Comprehensive Maintenance (Minimum Percentage)	3 %
Comprehensive Maintenance (Maximum Percentage)	25 %
Warranty of required product	2 Year
Comprehensive Maintenance Duration (Post Warranty)	5 Year

*Warranty displayed under the AMC/CMC Details section will supersede the warranty displayed under the catalog specification

Additional Specification Parameters - Cardiac TMT Machine (V2) (1 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Requirement of the Institute	The detailed specifications of the intended item are duly incorporated in the Additional Terms & Conditions (ATC). The participating bidders must comply fully with these specifications. Any deviation or non-compliance shall render the bid liable for rejection with the specification.

* Bidders offering must also comply with the additional specification parameters mentioned above.

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

क्र.सं./S.No.	प्रेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Deepthi Bhaskar	695011,Sree Chitra Tirunal Institute For Medical Science and Technology,Medical College PO, Trivandrum	1	45

Special terms and conditions-Version:1 effective from 06-10-2023 for category Cardiac TMT Machine (V2)

1. All Provisions of Drugs and Cosmetics Act, 1940 and Rules (including Medical Device Rule 2017) made there under as amended till date will always be applicable. This will include all notifications issued by Central Drugs Standard Control Organization (CDSCO), Ministry of Health & Family Welfare (MoHFW) and Department of Pharmaceuticals (DOP), Ministry of Chemicals & Fertilizers time to time in this regard.
2. The sellers are registered on GeM based on the submission of valid Drug License and self declaration of product certification, test reports etc. However, buyers must check and validate the details at their end for all applicable licenses and certifications e.g., validity and authenticity/genuineness of drug license, product certification, manufacturer certification/licenses, test reports etc.
3. In case of authorized resellers/distributors, it will be the legal & regulatory liability of the manufacturer to ensure that their resellers/distributors are operating in compliance with all relevant laws and regulations and are properly licensed to sell the manufacturer's products, including verifying the validity and authenticity of drug license held by them.
4. The price offered by the seller/bidder shall not, in any case exceed the DPCO/NPPA controlled price or price fixed by State Government, if any. The seller must reduce the prices if there is any reduction in DPCO/NPPA ceiling price or price fixed by State Government, if any.
5. Any other Terms and Conditions which is not included or at variance with the conditions specified in STC/GTC, may be added by the buyer through Additional Terms and Conditions (ATC) in the bid to ensure items are procured from authentic/validated source with appropriate and applicable quality. The above terms and conditions are in reverse order of precedence i.e. ATC shall supersede specific STC which shall supersede General Terms and Conditions ("GTC"), whenever there are any conflicting provisions.
6. **Comprehensive warranty:** Comprehensive warranty shall include preventive maintenance including calibration as per technical/ service /operational manual of the manufacturer, service charges and spares. During the warranty period commencing from date of the successful completion of warranty period, Service personnel shall visit each consignee site as recommended in the manufacturer's technical/ service /operational manual, at least once in six months. warranty shall not be including the consumables. Further there will be 98% uptime warranty during warranty period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend warranty period by double the downtime period.
7. **Service centres:** Details of Service outlets in India to render services for equipment to be furnished to buyer/consignees with complete address, telephone numbers, e mails etc at time of making the supplies. It shall be the responsibility of seller to ensure that authorized service centres are available to cater to the areas where supplies are made within reasonable distance from where the service calls can be handled. Details of toll-free numbers for service call and online registration of service requests also to be provided buyer/consignee at the time of supplies.
8. **Source of supply:** It shall be responsibility of seller to provide Documents regarding source of equipments such as copy of Performa invoice or any other documents to establish that the products supplied are manufactured by OEM indicated and sourced from them.
9. **Packing and Marking:** Medical equipments being very delicate and sensitive packing for the goods should be strong and durable enough to withstand transit including transshipment (if any), rough handling, open storage etc. without any damage, deterioration etc. .The size, weights and volumes of the packing cases, remoteness of the final destination of the goods, availability or otherwise of transport and handling facilities at all points during transit up to final destination,. Quality of packing, the manner of marking within & outside the packages and provision of accompanying documentation shall take into consideration the type of medical equipments being supplied. The accessories shall be suitably labelled and packed. Each of the package shall be marked on three sides with indelible paint of proper quality: indicating contract number and date,

brief description of goods including quantity, Packing list reference number, country of origin of goods and any other relevant details.

10. **Spare Parts:** Seller shall provide materials, information etc. pertaining to spare parts manufactured and supplied by the OEM. It shall be ensured that the required spares are available for purchase at least for 10 years from date of supplies. In case due to any reasons the production of the spare parts is discontinued sufficient advance notice should be given to the buyer/consignee before such discontinuation to provide adequate time to purchase the required spare parts etc. Further, OEM and their service centres/dealers shall carry sufficient inventories to assure ex-stock supply of consumables and spares for the equipments so that the same are available. OEM or reseller shall always accord most favoured client status to the buyer/consignee and shall give the most competitive price for spares and consumables of its machines/equipments supplied.
11. **Installation, Training, Manuals:** Seller shall be responsible to carry out Installation & commissioning, Supervision and Demonstration of the goods. They shall provide required jigs and tools for assembly, minor civil works for the completion of the installation and Training of Consignee's representatives for operating and maintaining the equipment and supplying required number of operation & maintenance manual for the goods. In case the category parameters are specifying any requirements regarding the installations, training and manuals the same shall also be applicable.
12. **Electrical safety checking:** Sellers are required to make sure that they furnish the list of equipments for carrying out routine and preventive maintenance to buyer/consignee. They should make sure to periodically check the electrical safety aspects as per BIS Safety Standards or equivalent. In case they do not have required equipment for such testing should ensure that the equipments checked for electrical safety compliance through labs with facilities for such checking during every preventive maintenance call.
13. **Software:** All software updates should be provided free of cost during warranty period.

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

1. **Generic**

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity up to 25% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be $(\text{Increased quantity} \div \text{Original quantity}) \times \text{Original delivery period (in days)}$, subject to minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.

2. **Certificates**

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

3. **Generic**

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

4. **Rate Contract**

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

5. **Scope of Supply**

Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)

6. Generic

Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:

- i) The Seller fails to comply with any material term of the Contract.
- ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
- iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
- iv) The Seller becomes bankrupt or goes into liquidation.
- v) The Seller makes a general assignment for the benefit of creditors.
- vi) A receiver is appointed for any substantial property owned by the Seller.
- vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.

7. Generic

While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.

8. Generic

- 1. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer.
- 2. The Seller shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of buyer.
- 3. The Seller shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to buyer together with the assignee/ sub-contractor, for and in respect of the due performance of the Contract and the Sellers obligations there under.

9. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

DETAILED SPECIFICATION

1	GENERAL FEATURES
1.1	PRODUCT DESCRIPTION CARDIAC TMT MACHINE WITH MONITOR AND PRINTER
1.2	CLINICAL PURPOSE TO STUDY CARDIAC ABNORMALITIES IN PATIENTS UNDER STRESS CONDITIONS BY EXERCISING THE PATIENT ON A TREADMILL ACCORDING TO A STANDARDIZED PROTOCOL
1.3	PRODUCT COMPONENTSHEAVY-DUTY MEDICAL TREADMILL, COMPUTER SYSTEM, PRINTER, AND SOFTWARE ALONG WITH TROLLEY SYSTEM TO MOUNT COMPUTER & PRINTER
1.4	FACILITY, WHEREBY DATA SHOULD BE ABLE TO BE ACQUIRED AND DIGITIZED NEAR THE PATIENT, PROVIDING BETTER ECG SIGNAL
2	TREADMILL SPECIFICATIONS
2.1	TREADMILL TYPE: FOUR TIER HEAVY DUTY NOISE LESS MEDICAL TREADMILL WITH COASTERS HAVING LOCKING ARRANGEMENT
2.2	STOP/START BUTTON ON TREADMILL FOR EMERGENCY STOP. EMERGENCY STOP BUTTON (ESB) MUST HAVE THE ABILITY TO BE LOCATED IN THE LOCATION OF CHOICE BY THE END USER

2.3	TREADMILL SHOULD HAVE ZERO START
2.4	AUTOMATIC OPERATION FROM THE MAIN UNIT AS PER TEST PROTOCOL
2.5	FIXED HAND RAILS ON TREADMILL
2.6	LENGTH OF TREADMILL FLOOR (MM) 1900 MM TO 2000MM
2.7	WIDTH OF TREADMILL FLOOR (MM) 700 MM TO 800MM
2.8	LENGTH OF WALKING AREA ON TREADMILL (MM) 1500 MM TO 1600MM
2.9	WIDTH OF WALKING AREA ON TREADMILL (MM) 500 MM TO 600MM
2.10	MAXIMUM PATIENT LOAD CAPACITY OF TREADMILL (KG) 150 KG OR MORE
2.11	SPEED RANGE OF TREADMILL 0.1 TO 14 KM/HR OR HIGHER RANGE
2.12	INCLINATION (CONTINUOUSLY VARIABLE) 0 TO 25 OR MORE
2.13	TREADMILL MOTOR AC MOTOR
2.14	POWER REQUIREMENTS 220 - 240 VAC @ 50-60 HZ
2.15	DOUBLE SIDED POLISH ON WALKING SURFACE OF TREADMILL FOR PROLONGED PRODUCT LIFE SPAN
2.16	REMOTE KEYBOARD OPERATION TO START, STOP AND INCREASE OR DECREASE ELEVATION AND SPEED OF TREADMILL
2.17	ANTI SKID CONVEYER BELT WITH ADJUSTABLE ALIGNMENT
2.18	COMMUNICATION/CONNECTIVITY RS 232,USB
2.19	ENHANCED TOLERANCE TO ELECTRICAL CHANGES FOR GREATER PATIENT SAFETY
2.20	CALIBRATION SYSTEM FOR SPEED REQUIRED
2.21	INBUILT DIGITAL CONTROL ISSUES, PRECISE SPEED AND GRADE CONTROL IN THE SYSTEM
2.22	DELIVERS HIGH TORQUE EVEN AT LOW SPEEDS WHICH ENSURES NO LAG WHEN THE FOOT STRIKES THE BELT
2.23	PROVIDE SMOOTH POWER AND ACCURACY EVEN AT SLOW SPEEDS
2.24	NORMAL, SLOW DECELERATION AND EMERGENCY STOP MODES ON TREADMILL
3	COMPUTER SYSTEM SPECIFICATIONS
3.1	TYPE OF MONITOR - LCD/LED
3.2	TOUCH SCREEN MONITOR - YES
3.3	SIZE OF MONITOR (INCH) 24 INCH
3.4	RAM SIZE - 8 GB

3.5	HARD DISK SPACE - 1 TB
3.6	PROCESSER - INTEL CORE I5 OR HIGHER
3.7	OPERATING SYSTEM - WINDOWS 10 OR HIGHER
3.8	CD ROM DRIVE - YES
3.9	NUMBER OF SERIAL PORT - 2
3.10	NUMBER OF USB PORTS - 4
3.11	ALPHANUMERIC MULTIMEDIA PC KEYBOARD WITH SYSTEMS DEDICATED KEYPAD
3.12	STANDARD PC MOUSE
4	QRS TRIGGERED OUTPUT
4.1	PARAMETERS DISPLAYED BY THE SYSTEM 12 LEAD RAW ECG, 12 LEAD ST LEVEL & SLOPS, ENLARGED QRS COMPLEX WITH MAXIMUM ST LEVEL, EXERCISE TIME, TARGET AND MAX HEART RATE WITH % OF TARGET ACHIEVEMENT, HEART RATE & METS TRENDS, NIBPTRENDS, SPEED OF TREADMILL, PROTOCOL NAME, PROTOCOL STAGE, PATIENT INFO
4.2	LASER BLACK AND WHITE PRINTER TO PRINT REPORT ON A4 SIZE THERMAL AND A4 SIZE ORDINARY BOND PAPERS RESPECTIVELY. PRINTER SHOULD BE CAPABLE TO PRINT GRID ALSO
4.3	MINIMUM PRINTING SPEED OF LASER PRINTER 20 PAGES / MINUTE
4.4	MINIMUM PAPER TRAY CAPACITY OF LASER PRINTER 250 SHEETS
4.5	PRINT RESOLUTION 1200 X 600 DPI MINIMUM
4.6	CONNECTIVITY / INTERFACE OF LASER PRINTER USB
4.7	SUPPORTED PAPER SIZES A4
5	TRANSMISSION OF DATA
5.1	TRANSMISSION OF DATA AVAILABLE THROUGH USB,PDF, DICOM AND PACS
5.2	EQUIPMENT SHOULD HAVE INBUILT PACS CONNECTIVITY WITH WORK LIST IMPORTING FACILITY
5.3	THE SYSTEM SHOULD BE COMPATIBLE WITH THE PACS SYSTEM CURRENTLY OPERATIONAL IN SCTIMST
5.4	ADVANCED SIGNAL PROCESSING ALGORITHMS TO PROVIDE EXCEPTIONAL ACCURACY IN BEAT DETECTION AND NOISE REJECTION RESULTING IN SUPERIOR IDENTIFICATION OF EVENTS
5.5	UNIQUE SOURCE CONSISTENCY FILTER, REDUCING NOISE AND BASELINE ARTEFACT WHILE PRESERVING A DIAGNOSTIC QUALITY ECG SIGNAL

5.6	PROVISION TO ELIMINATE ARTEFACTS DUE TO RESPIRATION, MUSCLE RUB AND AC IN INTERFERENCE, BASELINE WANDERING WITHOUT COMPROMISING AND DISTORTION IN ST SEGMENT CHANGES
6	PROTOCOLS
6.1	TEST PROTOCOLS INCLUDE BRUCE, MODIFIED BRUCE, BALKE, ELLESTAD, NAUGHTON PROTOCOLS
6.2	FACILITY TO ADD USER DEFINED PROTOCOLS
7	SYSTEM SOFTWARE FEATURES
7.1	LICENSED COPY OF WINDOWS OPERATING SYSTEM
7.2	PROVISION TO RECORD RESTING ECG & EXERCISE ECG
7.3	RESTING ECG SOFTWARE WITH DETAILED AUTOMATIC INTERPRETATION STATEMENT FOR ALL 12 OR 16 LEAD RESTING ECG SHOULD BE PRESENT
7.4	ECG DATA MANAGEMENT SOFTWARE FOR STORAGE AND REVIEW
7.5	FACILITY TO REVIEW, EDIT AND ADD ECG FROM FULL DISCLOSER STORAGE POST EXAM
7.6	50MM SWEEP SPEED SELECTION FOR ECG DISPLAY IN THE SYSTEM
7.7	ENLARGED QRS COMPLEXES WITH SUPERIMPOSITION TECHNIQUE
7.8	AUTOMATIC/MANUAL BP MEASUREMENT SYSTEM TO BE PROVIDED
7.9	PROVISION OF REAL TIME AVERAGE COMPLEXES
7.10	PROVISION OF REAL TIME ST ANALYSIS IN BAR GRAPHS
7.11	PROVISION OF RE ANALYSIS OF FINAL SUMMARY REPORT
7.12	SYSTEM SHOULD BE ABLE TO PRESENT ST LEVELS FOR 12 AVERAGE COMPLEXES, SLOPE FOR 12 AVERAGE COMPLEXES AND ST PROFILE
7.13	PROVISION OF ONLINE ST MEASUREMENT ADJUSTMENT
7.14	PROVISION OF REANALYZING THE POSSIBILITY OF COMPLETE EXERCISE TEST WITH ST /HR AND NIBP TREND GRAPHICALLY
7.15	SCD PREDICTIVE TOOL LIKE T-WAVE ALTERNANS ST/HR
7.16	DELETED
7.17	FULL DISCLOSURE REVIEW/PLAYBACK/SCROLL BACK AND ADDITION OF PAST ECG EVENTS
7.18	ST LEVEL AND SLOPE DATA FOR LEAD AND WORST CASE AVERAGE BEAT UPDATE SHOULD BE AVAILABLE CONTINUOUSLY DURING THE TEST

7.19	BEAT BY BEAT REVIEW MODE TO ALLOW FULL DISCLOSURE REVIEW DURING AND POST EXAM
7.20	DELETED
7.21	FACILITY TO DO REANALYSIS OF SCORED ECG BY CHANGING LINE MEASUREMENT POINT TITLE ST AND J
7.22	THE SYSTEM SHOULD PRESENT COMPREHENSIVE FINAL REPORT ON MINUTE BY MINUTE RECORD OF ST SEGMENT TREND
7.23	FACILITY OF AUTOMATIC ARRHYTHMIA DETECTION
7.24	AUTO CALIBRATION WITH DIGITAL MICRO PROCESS CONTROL IN THE SYSTEM AND SHOULD ALSO BE MANUALLY OPERABLE
7.25	DELETED
7.26	SYSTEM SHOULD BE ABLE TO VIEW COMPREHENSIVE ST SEGMENT AND MORPHOLOGY ANALYSIS IN AN ANATOMICALLY INTELLIGENT FORMAT
7.27	ST PROFILE, ST ELEVATION, ST DEPRESSION, HEART RATE, METS, NIBP, ST INDEX SHOULD BE ABLE TO BE CLEARLY ANALYZED
7.28	THE UNIT SHOULD BE ABLE TO QUICKLY IDENTIFY ANOMALIES WITH THE DYNAMIC ZOOM ST DISPLAY
7.29	THE SYSTEM SHOULD BE ABLE TO VIEW ST MAPS, PATENTED VISUAL ANATOMICAL REPRESENTATIONS OF ST DEVIATIONS IN-FRONTAL PLANES
7.30	MONITORING OF ST CHANGES WITH AUTO COMPARISON OF CURRENT AND REFERENCE BEATS
7.31	THE SYSTEM SHOULD BE ABLE TO DISPLAY THE TRACES INCREMENTALLY
7.32	PROVISION OF UPDATING ECG AND ST SEGMENT CHANGES AND COMPARE THEM ON A PRE-EXERCISE AND DURING EXERCISE BASIS ON A HIGH RESOLUTION DISPLAY
7.33	COMPACT DIGITAL ACQUISITION MODULE THAT VIRTUALLY ELIMINATES NON-CARDIAC ELECTRICAL NOISES
7.34	PROVISION OF ALARM ON HR, BP & ST LEVEL
7.35	FACILITY TO MARK THE ECG STRIP TO ENTER COMMENTS AT ANY STAGE
8	DATA ACQUISITION AND PROCESSING
8.1	DATA ACQUISITION 12 LEADS ECG SIMULTANEOUSLY AND DISPLAY 3X4, 4X6, 6X12, 12 LEAD 2. DATA INDICATE SIGNIFICANT CHANGES A/D 12 BITS OR MORE
8.2	SAMPLING RATE 300/SEC/CHANNEL OR MORE
8.3	INPUT IMPEDANCE SHOULD BE MORE THAN 90M OHMS
8.4	CMRR SHOULD BE MORE THAN 100 DB
8.5	FREQUENCY RESPONSE 0.05HZ TO 100HZ

8.6	PATIENT LEAKAGE SHOULD BE LESS THEN 100MA
8.7	THE SYSTEM SHOULD HAVE BASELINE CORRECTION
8.8	DIGITAL FILTERS 50HZ, 20HZ, 35HZ
9	REPORTING
9.1	FACILITY TO GET SYSTEM GENERATED AUTO REPORT
9.2	ANALYSIS SHOULD WORK ON TOTAL OF AT LEAST 5 PROTOCOLS
9.3	NO START-UP DELAY IN THE SYSTEM IE., INSTANT ECG REPORTS AT THE PUSH OF A B UTTON SHOULD BE AVAILABLE
9.4	FINAL REPORT WITH CONFIGURABLE LEAD GROUPS
9.5	PATIENT REPORT INCLUDE PROTOCOL, INDICATIONS, MEDICATIONS, TARGET HEART R ATE REASONS FOR END, SYMPTOMS, DIAGNOSIS, NOTES AND CONCLUSIONS WITH SP ACE FOR PERSONNEL AND PHYSICIAN ELECTRONIC SIGNATURE
9.6	EXAMINATION SUMMARY INCLUDE HEART RATE/BP/WORKLOAD TRENDS PAGE, ST LEV EL TRENDS/ST SLOPE TRENDS, AVERAGE QRS BY STAGE OR BY MINUTE, METS, MAXIM UM PREDICTED HEART RATE, THR FORMULA SELECTION
9.7	ABILITY TO SELECT FINAL REPORT SEGMENTS INCLUDING PATIENT INFORMATION, EX AM SUMMARY, RATE, BP, WORK TRENDS, ST LEVEL TRENDS, ST SLOPE TRENDS, AVER AGE QRS AND EVENTS SHOULD BE PROVIDED IN THE SYSTEM
9.8	EVENTS SHOULD INCLUDE 12 LEAD ECG ANALYSIS FOR ARRHYTHMIAS AND USER AD DED ECGS
9.9	PROVISION OF CUSTOMIZABLE SYSTEM GENERATED SUMMARY REPORT TO DETERMIN E THE CONTENTS OF REPORT WITH DATA STORAGE FACILITY
9.10	PROVISION OF PASSWORD PROTECTION
9.11	OPTION TO CREATE NETWORK REVIEW WORKSTATIONS FOR VIEWING, EDITING AND REPORT PRINTING OF THE STRESS TEST EXAMINATIONS SHOULD BE THERE
10	ACCESSORIES
10.1	STANDARD ACCESSORIES, CONSUMABLES PROVIDED 2 SETS OF 12 LEAD ECG PATIE NT CABLES, 100 ELECTRODES, 10 REEM A4 REPORTING PAPERS
10.2	DETACHABLE/REPLACEABLE CABLES AND LEADS
10.3	MINIMUM WARRANTY (MONTHS) ON ACCESSORIES IE., LEAD SET 2 YEAR APPROPRIAT E SIZED CUFFS OF SMALL, MEDIUM AND LARGE SHOULD BE PROVIDED WITH THE SYS TEM
10.4	TROLLEY SYSTEM TO MOUNT COMPUTER & PRINTER
11	STORAGE OF RECORDS

11.1	COMPLIANCE TO MEDICAL DEVICE RULES (MDR) 2017 AS AMENDED TILL DATE YES AVAILABILITY OF VALID DRUG LICENSE FOR THE PRODUCT ISSUED FROM THE COMPETENT AUTHORITY DEFINED UNDER DRUGS AND COSMETIC ACT 1940 AND RULES MADE THERE UNDER AS AMENDED TILL DATE
11.2	MANUFACTURING UNIT CERTIFICATION ISO :13485 (LATEST) AVAILABILITY OF TEST REPORT FOR PRODUCT AS PER MEDICAL DEVICE RULES (MDR) 2017 AS AMENDED TILL DATE
11.3	COMPLIANCE TO SAFETY STANDARDS IEC-60601-2-25 OR EQUIVALENT BIS STANDARD
11.4	SUBMISSION OF ALL NECESSARY CERTIFICATIONS, LICENSES AND TEST REPORTS TO THE BUYER AT THE TIME OF BID SUBMISSION AND/OR ALONG WITH SUPPLIES AS PER BUYER REQUIREMENT
11.5	STORAGE OF ATLEAST 100 PATIENTS RECORDS
11.6	FULL DISCLOSURE ARCHIVE TO EXTERNAL DRIVE
11.7	EVENTS/12 LEAD ECGS/FULL DISCLOSURE
12	ENVIRONMENTAL CONDITIONS
12.1	OPERATING TEMPERATURE +10°C TO + 40°C OR MORE
12.2	OPERATING RELATIVE HUMIDITY 10% TO 95%, NON CONDENSING
12.3	STORAGE TEMPERATURE - 40°C TO + 70°C
12.4	STORAGE RELATIVE HUMIDITY 10% TO 95%, NON CONDENSING
12.5	OPERATION/STORAGE ATMOSPHERIC PRESSURE 500 HPA TO 1060 HPA
13	CERTIFICATION & REPORTSWARRANTY
13.1	WARRANTY: THE EQUIPMENT MUST COME WITH TWO YEARS COMPREHENSIVE WARRANTY AND 5 YEARS CAMC WITH 10 YEARS OF SERVICE SUPPORT FROM THE DATE OF INSTALLATION. CAMC RATES MUST BE MENTIONED IN THE QUOTE FROM THIRD YEAR ONWARDS. CAMC SHOULD BE EXTENDABLE UPTO 10 YEARS FROM THE DATE OF INSTALLATION
13.2	COMPANY SHOULD OFFER THE PRICE FOR TREADMILL RUNNING BELT AND INTERFACE CABLES ALONG WITH THE BID (PRICE BID). THE PRICE WILL BE FROZEN DURING THE PERIOD OF WARRANTY AND CAMC
14	MISCELLANEOUS PARAMETERS
14.1	OEM/RESELLER SHALL ENSURE UNINTERRUPTED AVAILABILITY OF ALL SPARES FOR 10 YEARS
14.2	AVAILABILITY OF TOLL FREE FACILITY FOR TECHNICAL SUPPORT MAINTAINED BY OEM OR AUTHORIZED AGENCIES
14.3	USER/TECHNICAL/MAINTENANCE MANUALS TO BE SUPPLIED IN ENGLISH IN HARD AND SOFT COPY

14.4	DETAILS OF EQUIPMENTS AND PROCEDURES REQUIRED FOR LOCAL CALIBRATION AND
14.5	ROUTINE MAINTENANCE TO BE SUPPLIED AND ADVANCED MAINTENANCE TASK DOCUMENTATION ALSO TO BE FURNISHED
14.6	LIST OF IMPORTANT SPARES AND ACCESSORIES, WITH THEIR PART NUMBERS TO BE SUPPLIED TO THE BUYER AT THE TIME OF SUPPLYING THE EQUIPMENT
14.7	INSTALLATION AND DEMONSTRATION OF EQUIPMENT AND TRAINING TO BE PROVIDED AFTER COMPLETING SUPPLIES BEFORE ACCEPTANCE
14.8	PRINCIPAL MANUFACTURER MUST HAVE DIRECT PRESENCE/APPROVED SERVICE CENTRE IN KERALA.
14.9	MAXIMUM RESPONSE TIME FOR ATTENDING BREAKDOWN/REPAIR OF THE SYSTEM (IN DAYS) 2
14.10	REMOTE SERVICE NETWORK CONNECTING AND ONLINE PHONE SUPPORT FACILITY
14.11	PRODUCTS OFFERED MUST BE MEDICAL GRADE AND COMPLIANT WITH USFDA / CE IF THERE IS NO VALID INDIAN STANDARD AVAILABLE. COPIES OF THE CERTIFICATES SHOULD BE ATTACHED FOR VERIFICATION

Terms and Conditions

- Bidders are advised to quote prices as per technical specification. However detailed breakup of quoted prices should be provided in **Price Format - A** uploaded in the prescribed place (Financial Document Required) on online GeM portal. The prices quoted in the prescribed field on GeM portal will be considered for ranking purpose. Total price quoted in Price Format - A must match with the price quoted in GeM portal.
- Bidders are strictly advised not to include any price bid or price-related information in the Technical Bid. The prescribed Price formats A, B, C, D, and E must be submitted only along with the Financial Bid. If, at the stage of bidding, the provision for uploading the above-mentioned formats is not available or not enabled, bidders must refrain from uploading these documents with the Technical Bid. The Institute shall obtain such documents from the L1 bidder during the finalisation of the contract. Any disclosure of price components in the Technical Bid will result in summary rejection of the bid, and the concerned bidder will be disqualified from further participation in the bidding process.**
- The Bidders are advised to quote price of Spare parts, Consumables in the **attached format "B" and "C"** accordingly and upload the same in the prescribed place (Financial Document Required) on online GeM portal. The equipment should be supported with spares for a minimum period of 10 years after successful installation and commissioning." All the spares and consumables required for the equipment should be made available through GeM throughout the agreed supporting period".
- The two years warranty sought for is OEM/bidder free warranty without any additional cost towards extended warranty to fulfil the tender condition. The charges, if any, claimed by the bidder towards warranty in this regard and included in the product cost in Price Format -A should be mentioned in the price format D also, and upload the same in the prescribed place (Financial Document Required). This warranty charges shall not be considered for calculating actual CAMC value to be payable after warranty period. Where the total cost does not include such warranty charges, the bidder shall submit a declaration- "Certify that the Equipment/accessories quoted in the bid is having OEM/bidder free warranty of two years and the total cost quoted in the bid does not include any warranty charges to fulfil the tender condition of two year warranty". This declaration shall be furnished along with the Technical bid in format H. False declaration may lead to rejection of bid. In the case of agents quoting on behalf of their foreign principal, proforma invoice from the OEM (Foreign principal company) indicating the nature of after sale service including warranty condition and commission payable to the Indian agent shall be furnished.

shed along with the price bid. **The required warranty period is two years. However, if bidder quotes a higher warranty period, the bidder shall be bound to provide warranty as per the quoted period. Accordingly, the Security Deposit shall remain valid for the quoted warranty period plus an additional 60 days. A declaration to this effect must be uploaded along with the tender submission. Failure to provide such a declaration shall render the tender liable to rejection.**

5. As per the Institutes general policy, the maximum CAMC charges after warranty period will be 5% of the cost of the equipment. However the bidders can quote CAMC charges in the range of 3 to 10 % of the cost of equipment, depending on the nature of equipment to be maintained.
6. The CAMC charges shall be quoted in percentage rate in GeM bid and escalation in CAMC charges shall be allowed at maximum 5% after every three years of CAMC.
7. This CAMC charges at Net Present Value shall be taken into account for arriving the lowest responsive bidder. The actual CAMC value to be payable after warranty period shall be separately worked out based on the "Cost of the equipment for CAMC calculation" and shall be furnished in "**Format -E**" and uploaded the same in the prescribed place (Financial Document Required). The year wise rate percentage of CAMC quoted in the bid for L1 evaluation should be used for calculating the actual CAMC value.
8. The "cost of the equipment for CAMC calculation" shall not include additional warranty cost (if any), cost towards Installation, Commissioning and Testing (in addition to the original equipment cost of the OEM), cost of transportation, including import customs duty, Agency commission, any specific excluded items from CAMC as per the tender condition and GST included in the product cost quoted. The cost of the equipment for CAMC calculation shall be mandatorily furnished in **format D**.
9. The warranty and CAMC condition as given above should be applicable for the third party items, if any supplied. The successful bidder shall furnish the agreement executed in this regard with the third parties as and when called for. The genuineness of price quoted for the equipment / accessories are very important and this price shall not be loaded with any other cost. A declaration in this regards shall be furnished along with technical bid in **format H**
10. The successful bidder shall enter into CAMC 3 (three) months prior to the completion of warranty period. The CAMC will commence after the date of expiry of warranty period from the date specified in the work order and as per the terms and conditions issued in this regard, which will be treated as the first year of CAMC. This tender will form part of the CAMC work order.
11. Qualification criteria: The bidder must be a manufacturer or their authorized agents having a place of business in any state of India are eligible to participate in this bid. The bidders should submit "Manufacturer's Authorization Form" for each items quoted and shall be submitted along with technical bid, as per the format enclosed in the bid document (**Format "F"**). MII declaration should be furnished in the attached format along with bid document "**Format G**".
12. Bidders may please be read as uptime warranty as 95 % instead of 98 % as per bid terms and conditions.
13. SCTIMST reserves the right to ask for a free demonstration of the quoted equipment/ items after giving reasonable time to the bidder at a pre-determined place acceptable to the purchaser or at a site (in case of non-portable and heavy equipment) for evaluating the technical compatibility as per the bidding document specifications, professionalism and quality of work of the bidder for technically qualifying for opening the Price Bid. SCTIMST reserves the right to accept/ reject the bid based on the product/ site evaluation as stated above.
14. Bidders are required to submit a compliance statement in the prescribed Format (Format - I) along with the technical bid. Submission of this document is mandatory for bid evaluation.
15. For all disputes arising out of this contract the legal jurisdiction will be Thiruvananthapuram.
16. Payment Term :- 100% payment will be paid after satisfactory installation and commissioning of equipment along with submission of "Installation Report" to be issued by user department and DCE
17. List of documents to be attached along with bid.

Technical Bid	-	Format F, G, H and I
Price bid	-	Format A, B, C, D and E

18. Penalty clause:

1. Delay in Delivery:

If the supplier fails to deliver or install/commission any or all of the goods or fails to perform the services within the time frame(s) incorporated in the Purchase Order, the Purchaser shall, without prejudice to other rights and remedies available to the Purchaser 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 goods, installation, commissioning and/or services until actual delivery or performance subject to a maximum of 10% of the contract price. Once the maximum is reached Purchaser may consider termination of the contract.

If any delay by the supplier in maintaining its contractual obligations towards delivery of goods and performance of services shall render the supplier liable to any or all of the following sanctions:

- i. Imposition of liquidated damages,
- ii. Forfeiture of its Performance Security and
- iii. Termination of the Contract for default

2. Performance (during Warranty period)

Supplier should ensure uninterrupted service delivery of the equipment or product during the warranty period. In this regard following conditions also may be noted:

- I. In case of failure of equipment or its components, breakdown
- II. call has to be attended within 48 hours of intimation.
- III. The defect should be rectified within two days after the call is attended, failing which replacement or standby equipment should be provided for uninterrupted services.
- IV. In case of non-adherence to clause (a) or (b) above, downtime penalty will be realised as a sum equivalent either the repairing charges met by the Institute to set right the equipment or 0.5 percent per day of cost of the equipment, whichever is higher, from the date of report of breakdown by way of deductions from SD/Performance Bank Guarantee.
- V. The time spent on the repair work will be added to the warranty period of the equipment.

3. Performance (during CMC/AMC period):

- i. Uptime means 95 percent of total days in a year during which the equipment remains functional.
- ii. Down time means any shortage in achieving the up-time
- iii. Down time penalty will be levied as per following terms and condition:
- iv. In the case of CMC, it shall be the responsibility of the service provider to set right the equipment and avoid down time. Down time penalty will be imposed @ 0.5 percent of contract value per day from the service provider.
- VI. In case auxiliary units/components attached to the main equipment undergoes failure and the main equipment provides uninterrupted services, down time penalty will be imposed @ 0.1 percent of contract value per day per auxiliary unit from the service provider.
- VII. Service provider should ensure rectification of defect of equipment within a reasonable period in the case of Labour Annual Maintenance Contract. In case breakdown is not attended within 48 hours of intimation, down time penalty will be imposed @ 0.5 percent per day of contract value from the service provider.

10. Buyer Added Bid Specific ATC

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

अस्वीकरण/Disclaimer

The Additional Terms and Conditions (ATC) have been incorporated by the Buyer after approval of their Competent Authority. The Buyer, is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any restriction arising in the bidding process due to these ATCs and including the modification of technical specifications and / or terms and conditions governing the bid. All representations / grievances pertaining to the ATC clauses shall be raised with the buyer organization directly and not with GeM. If any of the clause(s) is/are incorporated by the Buyer regarding the following, the bid & resultant contract shall be treated as null & void. Further, GeM reserves the right, at its sole discretion, to cancel the bid forthwith, without issuance of any prior notice or intimation :-

1. Publishing Custom / BOQ bids for items for which regular GeM categories are available (unless such Custom / BOQ item is bunched with the major regular product Category Item).
2. Mandating procurement of / from specific Brand / Make / Model / Manufacturer / Dealer except in case of Single Bid / Proprietary Article Certificate (PAC) Buying.
3. Inclusion of disqualification criteria related to suspension of seller / service provider, where such suspension period has already expired.
4. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
5. Publishing bids on GeM for procurement of works.
6. Procurement of Goods by creating a Service bid on GeM & vice-versa.
7. Seeking sample with bid or approval of samples during bid evaluation process. However, trial / sample, as the case may be, shall be permitted in cases where trial / sample are allowed as per approved and published procurement policy of the Buyers' controlling Ministry / Department / State / Public Sector Enterprises Headquarters. If there is any violation of trial / sample clause with regard to approved policy of the Buyers' Ministry / Department / State / Public Sector Enterprises Headquarters, then this is to be determined and redressed by the concerned Buyer Organisation only.
8. Seeking experience from specific organization / department / institute only or from foreign / export experience.
9. Creating bid for items from incorrect categories.
10. Reference of conditions published on any external site or reference to external documents/clauses.
11. Asking for any Tender fee / Bid Participation fee, as the case may be.
12. Buyer added ATC Clauses which are in contravention of clauses defined in bid detail section, including specifications, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by the applicable GeM GTC.
13. Any ATC clause in contravention with GeM GTC Clause 4 (xiii) (h) will be invalid. In case of multiple L1 bidders against a service bid, the buyer shall place the Contract by selection of a bidder amongst the L-1 bidders through a Random Algorithm executed by GeM system.
14. In a category based bid, adding additional items, through buyer added, additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogues or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

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

Additional Clause For Comprehensive Maintenance Charges

1. CMC shall include preventive maintenance including calibration as per technical/ service /operational manual of the manufacturer, service charges and spares, after satisfactory completion of Warranty. During the CMC period commencing from date of the successful completion of warranty period, Service personnel shall visit each consignee site as recommended in the manufacturer's technical/ service /operational manual, at least once in six

months or as per user requirement. Cost of consumables shall not be included in CMC. Further there will be 98% uptime warranty during CMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CMC period by double the downtime period.

2. CMC charges to be indicated as percentage of cost of equipment quoted for each year after the warranty period.

3. GST shall be included in the CMC Charges quoted.

4. Cost of CMC will be added for Ranking/Evaluation purpose with depreciation formula. A 10% discounting rate per year shall be applied on CMC Charges for price evaluation on Net Present Value.

5. The payment of CMC will be made on quarterly basis after satisfactory completion of said period, duly certified by end user.

6. While creating a bid or RA, buyers shall indicate whether CMC is required against Yes/No options. If CMC Charges are included, an option for number of years for CMC required after the warranty period shall be available. Under this option up to 15 years can be chosen for CMC charges beyond warranty period.

7. In case the bid has a provision for CMC, the warranty of the product will also be deemed to have been converted into Comprehensive warranty including preventive maintenance and calibration as per technical/service /operational manual of the manufacturer, service charges and spares, during the Warranty Period also. Sellers are therefore advised to include the cost of Comprehensive Warranty including spares (excluding consumables) also in product Cost.

8. The CMC functionality shall be available in bid only and no direct RA shall be applicable. In case of bid to R/A decrement rules shall be applicable on total price inclusive of CMC charges. Bunching of products shall not be available while creating bids with CMC charges.

8.1. Buyer shall indicate number of years of warranty by selecting different options available in the field depending on warranty parameter applicable in category parameters for the equipment. No. of years of warranty indicated here shall supersede the warranty period indicated elsewhere in bid or product specifications. The Seller while participating in Bid/RA will get fields to indicate CMC charges as percentage depending on number of years of CMC selected by Buyer. The following shall be applicable, if 5 year CMC selected:

CMC charges for 1st year after warranty period- Percentage to be indicated- A1

CMC charges for 2nd year after warranty period- Percentage to be indicated- A2

CMC charges for 3rd year after warranty period - Percentage to be indicated- A3

CMC charges for 4th year after warranty period - Percentage to be indicated- A4

CMC charges for 5th year after warranty period - Percentage to be indicated- A5

Similarly, A6 to A15 are to be indicated for 6th to 15th year of CMC if applicable.

8.2. The calculation of CMC Charges shall take into account the number of years of warranty and duration of CMC as specified while creating bid.

8.3. In the price evaluation, the system shall provide function to calculate the cost of each equipment by formula indicated below including CMC and then show the inter-se-ranking of the bidders. The following are the variables

(i) Number of years for which CMC required.

(ii) Number of years of product warranty

The formula for calculating total cost including CMC charges shall be as under:

Total Cost for evaluation=

$C + C * \{ (A1/100)/(1.10^n) + (A2/100)/(1.10^{n+1}) + (A3/100)/(1.10^{n+2}) + (A4/100)/(1.10^{n+3}) + (A5/100)/(1.10^{n+4}) \}$ and so on

C - Cost for equipment quoted and n shall be number of years of product warranty specified.

If 2 year warranty specified, n shall be 2 and if 5 year warranty specified, n shall be 5. A1, A2, A3, A4 & A5 shall depend on how many years CMC selected. For 3 year CMC, only A1, A2 and A3 factors are to be taken into account and A4 and A5 will not be applicable.

8.4. CMC charges offered for each subsequent year should be same or higher than preceding year.

8.5. The CMC charges shall be offered within range of 3 to up to 50% of cost of equipment as defined by buyer.

9. Since CMC charges are to be paid only later for each year during CMC period, applicable performance guarantee amount after placement of contract shall be based on the cost of equipment excluding the cost of CMC Charges.

10. Performance bank guarantee applicable for CMC is to be submitted at start of the CMC and shall be applicable between 2.5% to 10% as specified in bid on total CMC Charges. The PBG submitted after award of contract shall be released only after new PBG for the CMC period is submitted and accepted by buyer/consignee after due verification. Bank guarantee for CMC is to remain valid till completion of CMC period plus one year. The bank guarantee for CMC shall be submitted to buyer directly. In case, seller fails to submit the PBG or does not provide services for the CMC contract after expiry of warranty period then PBG of equipment shall be forfeited.

11. In case of splitting of order quantity, equipment cost and CMC charges offered by L1 bidder shall be matched by higher quoting eligible bidders on one-to-one basis. The equipment cost and CMC charges (year to year) shall

be matched individually.

12.The CMC Contract shall be an offline contract to be handled by buyer.The payment of CMC will be made on quarterly basis after satisfactory completion of said period, duly certified by end user and scope of CMC will be as per para 1 above.

13.CMC Charges are inclusive of all the charges for Transportation, Lodging, Boarding, all insurances including third party insurance and all other incidental charges. The same shall include GST. The prices also include cost of spares and damaged parts. Purchaser does not have any liability, whatsoever, over and above the cost of CMC. It also includes for arranging hand tools & tackles, special tools etc. required to carry out the work.

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

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

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

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

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

This Bid is governed by the General Terms and Conditions, conditions stipulated in Bid and Service Level Agreement specific to the Service, as the case may be, as provided in the Marketplace.

However, in case of Service, if any condition specified in General Terms and Conditions is contradicted by the conditions stipulated in Service Level Agreement specific to said Service, then it will over-ride the conditions in the General Terms and Conditions.

[यह बिड सामान्य शर्तों के अंतर्गत भी शासित है /This Bid is also governed by the General Terms and Conditions](#)

जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो।बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।/In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---धन्यवाद/Thank You---