

बिड दस्तावेज़ / Bid Document

बिड विवरण / Bid Details	
बिड बंद होने की तारीख/समय / Bid End Date/Time	23-07-2025 10:00:00
बिड खुलने की तारीख/समय / Bid Opening Date/Time	23-07-2025 10:30:00
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
कुल मात्रा / Total Quantity	1
वस्तु श्रेणी / Item Category	SUPPLY INSTALLATION TESTING AND COMMISSIONING OF CCTV CAMERAS AND ACCESSORIES
GeMARPTS में खोजी गई स्ट्रिंग्स / Searched Strings used in GeMARPTS	SUPPLY INSTALLATION TESTING AND COMMISSIONING OF CCTV CAMERAS AND ACCESSORIES
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	Category not available on GeM for the text string uploaded by the buyer
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	<ul style="list-style-type: none"> Video Recorder for CCTV System (V2) Video Management System Software Camera for CCTV System (V3)
वर्षों के अनुभव एवं टर्नओवर से एमएसई को छूट प्राप्त है / MSE Exemption for Years Of Experience and Turnover	Yes Complete
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / Startup Exemption for Years Of Experience and Turnover	Yes Complete
विक्रेता से मांगे गए दस्तावेज़ / Document required from seller	<p>Experience Criteria,Past Performance,Certificate (Requested in ATC),OEM Authorization Certificate,Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Additional Doc 3 (Requested in ATC),Additional Doc 4 (Requested in ATC),Compliance of BoQ specification and supporting document</p> <p>*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</p>

बिड विवरण/Bid Details	
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेजों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेनू है/Do you want to show documents uploaded by bidders to all bidders participated in bid?	No
बिड लगाने की समय-सीमा बढ़ाने के लिए आवश्यक न्यूनतम सहभागी विक्रेताओं की संख्या। / Minimum number of bids required to disable automatic bid extension	1
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	7
विगत प्रदर्शन /Past Performance	30 %
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
अनुमानित बिड मूल्य /Estimated Bid Value	7320000
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
वित्तीय दस्तावेज की आवश्यकता है / Financial Document Required	Yes
मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

ईएमडी विवरण/EMD Detail

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईएमडी राशि/EMD Amount	180000

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).	38

(a). जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ प्रस्तुत करने हैं। एमएसई केटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।/EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). 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
(Director, Sctimst)

विभाजन/Splitting

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

एमआईआई खरीद वरीयता/MII Purchase Preference

एमआईआई खरीद वरीयता/MII Purchase Preference	Yes
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एमएसई खरीद वरीयता/MSE Purchase Preference

एमएसई खरीद वरीयता/MSE Purchase Preference	Yes
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1. If the bidder is a Micro or Small Enterprise as per latest orders issued by Ministry of MSME, the bidder shall be exempted from the eligibility criteria of "Experience Criteria" as defined above subject to meeting of quality and technical specifications. The bidder seeking exemption from Experience Criteria, shall upload the supporting documents to prove his eligibility for exemption.
2. If the bidder is a Micro or Small Enterprise (MSE) as per latest orders issued by Ministry of MSME, the bidder shall be exempted 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 exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking exemption from Turnover, shall upload the supporting documents to prove his eligibility for exemption.
3. If the bidder is a DPIIT registered Startup, the bidder shall be exempted from the the eligibility criteria of "Experience Criteria" as defined above subject to their meeting of quality and technical specifications. The bidder seeking exemption from Experience Criteria, shall upload the supporting documents to prove his eligibility for exemption.
4. If the bidder is a DPIIT registered Startup, the bidder shall be exempted 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 exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking exemption from Turnover shall upload the supporting documents to prove his eligibility for exemption.

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.

6. Purchase preference will be given to MSEs having valid Udyam Registration 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. 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. In respect of bid for Services, the bidder must be the Service provider of the offered Service. 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, while evaluating the bid. 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. 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. 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. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 30% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

9. 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

Pre Bid Detail(s)

मूल्य भिन्नता खंड दस्तावेज़/Pre-Bid Date and Time	प्री-बिड स्थान/Pre-Bid Venue
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08-07-2025 11:00:00	<p>Prebid Meeting Link</p> <p>Meeting Link : https://sctimst.my.webex.com/sctimst.my/j.php?MTID=m0d4a20d6060a418c0f1085f8fd8b357b</p> <p>Meeting Number : 2644 798 3128</p> <p>Password: 12345</p> <p>Queries if any should be sent to email id "purchase2@sctimst.ac.in" or or before 07.07.2025</p>
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SUPPLY INSTALLATION TESTING AND COMMISSIONING OF CCTV CAMERAS AND ACCESSORIES (1 pieces)

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

क्रेता विशिष्टि दस्तावेज़ /Buyer Specification Document	Download
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व्यापक रखरखाव / Comprehensive Maintenance	
Warranty of required product	3 Year
Comprehensive Maintenance Duration (Post Warranty)	4 Year

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

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

क्र.सं./S.N o.	परिषेती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Shiju V S	695011,Sree Chitra Tirunal Institute For Medical Science and Technology,Medical College PO, Trivandrum	1	180

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. **Service & Support**

Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.

3. **Forms of EMD and PBG**

Bidders can also submit the EMD with Account Payee Demand Draft in favour of

The Director, SCTIMST
payable at
Trivandrum

Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

4. **Forms of EMD and PBG**

Bidders can also submit the EMD with Fixed Deposit Receipt made out or pledged in the name of A/C

Director, SCTIMST, Trivandrum

. The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of EMD, the FDR will be released in the favour of the bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Bidder has to upload scanned copy/ proof of the FDR along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date/ Bid Opening date

5. **Generic**

Bidder financial standing: The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.

6. **Generic**

Bidders shall quote only those products (Part of Service delivery) in the bid which are not obsolete in the market and has at least 7 years residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.

7. **Warranty**

Bidder / OEM has to give an undertaking that after expiry of warranty period, it will provide Comprehensive Maintenance Service for next 4 years for the offered products at the rate not more than 5 % of contract price per annum. Buyer reserves the right to enter into a CMC agreement with the Successful Bidder / OEM after expiry of the Warranty period at above mentioned rate and the payment for the CMC charges would be made Biannually after rendering of the CMC Services of the relevant CMC period. Performance Security of the successful bidder shall be forfeited if it fails to accept the CMC contract when called upon by the buyer. CMC would include cost of

as per specifications

(Upload the undertaking). The original Performance Security of contract will be returned only after submission and verification of AMC Performance Security for 2% of total CMC value valid up to CMC period plus 2 months (if there is no other claim).

8. **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.

9. **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 %.

10. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

Design concept & scope of work

(i) Design concept

The entire IP surveillance system is designed to control and monitor the different building blocks of the SCTIMST Hospital and Kumarapuram Quarters/Hostel campuses. All the corridors shall have IP Fixed dome/bullec cameras to monitor the connecting corridors either in wall or on pole. Optical fiber / CAT 6 cable shall be laid through HDPE /PVC Piper/ ground/ clamping along walls from the nearest OFC available point by installing Outdoor/Indoor wall mounting rack, Polycarbonate junction box, SFU modules, POE switches, MCBs, lighting arrestor, surge protector, earthing, UPS, etc.

Two types of cameras shall be installed to monitor the movement of the people as follows:

- IP fixed HD camera (dome/bullet) indoor type.
- IP fixed camera(Box/Bullet) outdoor type.

IP fixed dome/bullet indoor cameras shall be installed at the entrances of various sections and connecting corridors of the various Buildings. IP-fixed outdoor cameras shall be mounted on the building corner areas or on poles at different locations for outside surveillance.

All IP Camera Should have the following functionalities

- All cameras shall be true IP camera.
- All outdoor cameras shall be in IP-66 housing.
- All outdoor Cameras and Accessories should be water proof and dust proof housing.
- All cameras should have PoE (Power over Ethernet) feature.

(ii) Scope of work

- Supply, installation, testing, and commissioning high-quality IP surveillance System along with power supply, power distribution, and required accessories in different blocks (Block 1, Block 2, Block 3 and AMC Block) of SCTIMST Hospital campus and Kumarapuram Quarters/Hostel as indicated in BOQ.
- The entire system shall be as per BOQ and technical specifications enclosed with this RFP document. Bids must be complete with all equipment and required accessories.
- The price quoted by the vendor should include all the expenses incurred in the supply, installation, and commissioning of all Cameras with power supply, accessories, and other devices complete with software.
- The IP surveillance system should consist of IP Fixed dome/bullet cameras (indo

or type), BOX/BULLET (Outdoor type), software, storage system, network racks, network switches, TV screens, workstation, power supply, and necessary mounting and fitting hardware, plugs, sockets etc. as required for complete installation of the system under this bid in four stages

- Video management software shall offer both video stream management and video stream storage management. Frame rate should be considered between 25 to 30 fps for High-definition Recording. Frame rate and resolution for individual channels shall be programmable.
- Backup as evidence for 90 days.
- The system is presently designed for 300 cameras and is scalable for up to 400 cameras if required in the future.
- Racks should be supplied and installed in appropriate places in Hospital Buildings and Kumarapuram Quarters/Hostel campus.
- The cable laying work from IP Camera to the Nearest Network CCTV Rack is in the Scope of Bidder.
- The bidder should provide the cable laying cost per meter and fixing pole charges in the financial documents.
- All camera Power supply unit (PoE) is connected to SCTIMST's existing POE switch/newly supplied POE Switch.
- Training & handing over of all materials, equipment, and appliances.
- No extra cost shall be paid for miscellaneous items required to complete the work as per the design concept.
- Provide any other items/accessories required for installation, testing, and commissioning of the IP surveillance System within the scope of the bidder.
- Provide supervisory specialists and technicians at the job to assist in all phases including system Installation, start-up and commissioning. This will include fixing of camera using a suitable camera mount (as per site requirement) complete with required civil and fabrication works, creating the backbone for the system by laying the required data and power cables, termination/splicing of all cables, fixing cable trays, conduits, installation and commissioning of all items supplied under CCTV system as required basis.
- Mounting & installation of Servers/NVR, Rack recording/storage devices, viewing stations, and connecting to the network.
- Integrating the whole system for optimum performance.
- The proposed Cameras at Gates will be installed on dedicated poles for this purpose. The fixed cameras at various sections are to be installed on walls or on Trusses where walls are not available, using proper mounting brackets complete with Fasteners, clamps to support the required load and pipes duly painted and finished.
- Erection and commissioning of networking e.g., cables (UTP/OFC shall be laid through HD PE/PVC pipe/ground/ clamping along walls from the nearest available point) and connections to be provided by installing outdoor/indoor wall mounting rack, poly carbonate junction box, SFU modules, POE switches, patch chords, network panels, Lightning arrestor, surge protector, earthing etc.to be provided.
- Termination and testing of OFC (Optical fibre cable) (all cores).

- The bidder shall bear full responsibility for all kinds of maintenance which include periodic maintenance as well as attending to all break-down and emergency calls at short notice whenever called during the warranty and CMC period.
- All equipment and components supplied shall be new and of manufacturer's current model.
- All equipment and components shall be installed in strict compliance with manufacturers' recommendations and as per the standards in vogue. Also, the firm shall consult the manufacturer's installation manuals for all wiring diagrams, schematics, physical equipment sizes, etc., before beginning system installation.
- The bidder shall design the system and its complete layout as per the defined quantities in various sections of this tender document. (layout positioning cameras and its accessories in an Autocad or latest format.). All cameras should be integrated in the as built layouts and the same should be configured to display for easy location identification. Vendors should ensure the coverage and quality footages of each area as a part of commissioning. Prepare and submit detailed performance data of various system modules and drawings, detailed selection and drawings of various devices, wiring drawings and details and makes of O/C/Power cables and wires.
- The bidder/OEM is required to demonstrate the CCTV camera DORI conditions on behalf of technical committee during the technical evaluation of the bid.
- The successful firm will have to provide complete manufacturer's specifications for all items that are to be supplied. Including vendor name, for every item to be supplied, part number, model number etc. in detail. The firm on whom the Purchase Order will be placed will have to get all the supplied material as per the Purchase Order and then only the execution shall start.

Eligibility / pre-qualification criteria

- The bidder should be either an Original Equipment Manufacturer (OEM) or an Authorized dealer of IP CCTV Security cameras.
- In case of authorized dealer, valid dealership certificate shall be furnished along with the technical bid.
- The Camera OEM shall be in IP CCTV manufacturing for 10 years. The documentary proofs shall be submitted.
- The bidder should have the experience of successfully carried out similar work as mentioned below, during the last 7 years as on 30.11.2024 to State/ Central Government Departments.
 - o (i) Three similar completed works each costing not less than Rs.15,00,000/- (OR)
 - o (ii) Two similar completed works each costing not less than Rs.25,00,000/- (OR)
 - o (iii) One similar completed work costing not less than Rs. 50,00,000/-.

—Similar work(s) means —Supply, installation, testing and commissioning of IP based CCTV surveillance systems.

- o 2.2. Financial Turnover: Average Annual Financial Turnover of the tenderer during the last three financial years, ending 31/03/2024 (viz. 2021-22, 2022-23 and 2023-24) shall not be less than Rs.2,00,00,000/-

The BIDDER should submit the following documents along with the tender to prove the MQC (Minimally Qualified Clause):

(i). Notarized copies of Work Order / Contract Agreement and certificate of satisfactory performance / completion, with work order number and value of the item(s), issued by the Client as proof for having satisfactorily supplied, installed, tested and commissioned CCTV Surveillance system and accessories. Details of such contracts shall be furnished as per Annexure-3a & 3b.

(ii) Enhancement factors as per table given below will be used for the costs of works executed for bringing the financial figures to a common base value in respect of the works completed in past years.

Year before	Multiplying factor
One year	1.07
Two years	1.14
Three years	1.21
Four years	1.28
Five years	1.35
Six years	1.42
Seven years	1.49

(iii) A statement duly certified by the Chartered Accountant showing the Average Annual Financial Turnover during the last three financial years, (viz. 2021-22, 2022-23 and 2023-24) and Annual Accounts duly certified by a Chartered Accountant shall be submitted along with the tender. Chartered Accountant will provide their UDIN (Unique Document Identification Number) while certification with QR code if available.

- The OEM shall have STQC/ VAPT certifications for Cyber Security.
- Official valid H.264/ H.265 HEVC Certificate shall be submitted at the time of bidding.
- Cameras should not contain any —HiSilicon /Fullhan Microelectronics /Ingenic / Sigmastar||

make chipset/ SoC/ Sensor/parts which are vulnerable to cyber-attack.

- The Camera to be provided by the bidder all the components/parts / assembly/software used in the offered hardware and software, should not be complying with GB28181, GB/T 28181-2011; GB/T28181-2011; GBT 28181-2011; GBT28181-2011 standards. There should be no option to activate or deactivate these standards in the camera web page/Settings.
- All Cameras (Main unit) must be from a single OEM.
- The MAC ID's of the CCTV cameras to be supplied should be registered in the name of the OEM of the CCTV Cameras. An undertaking from the CCTV OEM on this shall be enclosed along with technical bid.
- The CCTV, VMS, OEMs shall guarantee to supply spares and provide Maintenance support during Warranty and Comprehensive AMC period. Undertaking from OEM to be submitted.
- The OEM for the CCTV camera and VMS should be a member of the ONVIF (Open Network Video Interface Forum) for the last 3 years. A certificate from ONVIF indicating membership details and membership start date shall be enclosed along with the technical bid. Offered cameras and/or VMS should not be blacklisted/ banned by ONVIF ever.
- All the network cameras supplied must be BIS certified.
- The Outdoor network cameras supplied must meet the IEC 60529 (IP66) environmental protection standards.
- The Cameras shall be PVC free for environmental sustainability and documentary **proof shall be submitted.**
- The Cameras shall support tested and certified 3rd party analytics-By both Camera OEM and Analytics OEM
- Camera OEM to the best of their Knowledge and belief should not have been blacklisted/any criminal case registered by any State / Central Government Department or Central /State PSUs/ Police or Globally during the last 5 years as on bid submission date. Bidder to submit OEM undertaking with detail.
- General Declaration on Malicious code content in Camera and VMS to be given by OEM
- The OEM should have their Own RMA Centre in anywhere India for the last 10 years.
- The network cameras supplied must meet the ISO/IEC 14496-10 AVC (H.264) and H265 video compression standards.
- The network cameras supplied must be manufactured in accordance with the ISO 9001&14000 standards.
- The network cameras supplied must be compliant with 2002/95/RoHS and 2002/96/EG WEEE and shall comply to EU Directive REACH (EC) NO. 1907/2006, as per IEC 61249-2-21.
- The network cameras supplied must have In-house Processor for Bandwidth Compensation & Optimization. The Camera Shall Support 3rd Party Edge Analytics
- Camera OEM should provide a Hardening guide to strengthen camera configurations and to securely transmit data
- The cameras shall support the use of HTTPS and SSL/TLS, providing the ability to upload signed certificates to encrypt and secure authentication and communication of both administration data and video streams.
- The Camera shall support IEEE 802.1X authentication, Password protection, IP address filtering, HTTPS encryption, Digest authentication, User access log, Centralized certificate ma

nagement

- The camera shall be fully supported by an open and published API (Application Programmers Interface), which shall provide necessary information for integration of functionality into third party applications.
- The implemented API shall be standardized and supported by all network video products offered by the manufacturer
- The cameras shall support minimum 2 Streams @ H.264, 25 FPS and 4 MP Resolution.
- The specified unit shall be of manufacturer's official product line, designed for commercial and/or industrial 24/7/365 use.
- The specified unit shall be based upon standard components and proven technology using open and published protocols and adopt to industry established standards.
- All cameras must comply with ONVIF Profile S standard or better.
- Firmware/software upgrades are to be provided by the OEM free of cost during the warranty and CMC Period. Undertaking from OEMs to be provided on their Letter head.
- All the major components of the CCTV systems shall be latest but field-proven and shall not be End-of-Life / Outdated; the same shall have to be supported by concerned OEM for at least 5 years' period from the date of supply.
- All the cameras shall have 3 Years OEM warranty and the same shall be submitted on OEM Letter head.
- Cameras shall be fully supported by an open and published API (Application Programmers Interface), which shall provide necessary information for integration of functionality into third party applications.
- OEM of CCTV should be registered in India for Last 5 years. Proof of the same should be attached with the Technical bid.
- OEM should be in camera business for at least 10 years and should be profitable. Proof of Profit to be provided
- All the cameras shall have ability to change the GOP/ GOV for Bit rate optimization.
- All Fixed cameras shall have ability to select user defined shape for motion detection to include or exclude area to reduce false alarms, bandwidth and storage.
- All cameras shall have ability to send and receive triggers to perform any action without intervention of VMS.
- Vendor should submit technical compliance on OEM letterhead for all IP Camera and VMS,
- MTBF (Mean Time Between Failure) of minimum 100000 hours for cameras
- The bidder has to provide MAF from the OEM to be eligible for bidding
- The vendor must be able to provide a tool designed to cost-efficiently manage common security controls such as device inventory, management of device accounts and credentials, batch firmware update, batch device configurations, Device certificate management.
- To avoid bypassing authentication methods (so called backdoor methods), the device shall not contain any hidden credentials (accounts, passwords, tokens or URL), only known by the vendor that could be used to bypass the device access control. Similarly, the device vendor shall not be able to assist in resetting a lost or forgotten account password without

forming a factory default.

- The device must have a certificate management service that can hold more than one client or server certificate used by various services such as HTTPS, 802.1X or SNMP v3.
- The device must be able to provide a Certificate Signing Request (CSR) based on a unique (random generated) private RSA key of at least 2048 bits and SHA2-256 digest.
- The IP camera device must support the following security features:
 - o multiple client accounts with different privilege levels.
 - o syslog and remote syslog.
 - o HTTPS (HTTP over TLS) using AES-128 or AES-256 ciphers.
 - o multicast media streaming over SRTP (Secure Real-Time Protocol).
 - o Device passwords shall support all characters up to 64 bytes in length and must be stored as SHA-256 digest and not in plain text.
- Connected devices shall upon factory default provide default protection including:
 - o Disabling of FTP server functionality.
 - o Disabling of SSH and/or telnet.
 - o Providing a self-signed server certificate for immediate HTTPS connection during deployment (not be used for daily operation).
 - o Removing all stored sensitive data, such as passwords and user-defined private keys.
 - o Remove user-installed add-ons.
- Connected devices shall support these security features:
 - o IEEE 802.1X EAP-TLS authentication.
 - o Ability to disable unused network services.
 - o Restricting access to pre-defined IP addresses only (so-called IP address filtering (IP tables)).
- The cameras to be provided by the bidder should not be complying with GB28181, GB/T 28181-2011 Standards.

Other Eligibility Considerations :

Even though the tenderers meet the above qualifying criteria, they are subject to be disqualified if they have made misleading or false representations in the forms, statements and attachments submitted in proof of the qualification requirements; and/or record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc.. In this regard the firm should submit a declaration that they have no record of poor performance, at the time of submitting the tender.

General instructions to the bidders

1. Performance Bank Guarantee: The successful bidder should furnish a performance guarantee/security deposit @ 5 percent of purchase order value for a period of 60 days beyond the completion of all contractual obligations of the supplier including warranty. Besides ePBG, PBG can also be submitted in the form of Bank Guarantee, FD Receipts pledged in the name of Director, SCTIMST or Account Payee Demand Draft drawn from a nationalized bank favoring The Director, SCTIMST payable at Thiruvananthapuram. Hard copies of PBG in original should reach the buyer within 15 days of award of contract.
2. EMD can be submitted in the form of Account Payee Demand Draft drawn in any a nationalized bank favoring The Director, SCTIMST payable at Thiruvananthapuram. EMD can also be submitted in the form of Bank Guarantee, FD Receipts pledged in the name of Director, SCTIMST. Bidder has to upload scanned copy/proof of the DD/BG/FDR along with the bid and has to ensure delivery of hard copy to the buyer within 5 days of Bid end date/Bid opening date failing which the bid will summarily be rejected.
3. Bidders are advised to quote prices as per technical specification. However detailed breakup of quoted prices should be provided in Schedule A & Schedule B and 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 Schedule A & Schedule B must match with the price quoted in GeM portal.
4. All equipment and Accessories except the items listed below, quoting against the bill of quantity will be included under CAMC. Cost of the exempted items should not be considered for CAMC calculation. A line of confirmation on the above should be uploaded along with the technical bid.
5. The three years warranty sought for is OEM 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 Schedule -A & Schedule B should be mentioned in the Schedule C also. 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 free warranty of three years and the total cost quoted in the bid does not include any warranty charges to fulfil the tender condition of three year warranty". This declaration shall be furnished along with the Technical bid in Format-B. False declaration may lead to rejection of bid. Proforma invoice from the OEM (Foreign principal company) indicating the nature of after sale service including warranty condition shall be furnished along with the technical bid.
6. 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. The CAMC charges shall be quoted in percentage rate in GeM bid and escalation in CAMC charges shall be allowed at maximum 5% of the CAMC charges after every three years of CAMC. 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 "Schedule -D" 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. 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.
7. The successful bidder shall enter into CAMC/AMC as chosen by SCTIMST, 3 (three) months prior to the completion of warranty period. The CAMC/AMC will commence after the date of expiry of warranty period from the date specified in the work order and agreement executed in this regard, which will be treated as the first year of CAMC/AMC.
8. Bidders should comply the GOI Order No. F.No.6/18/2019-PPD dtd 23.07.2020. A declaration with regard to this OM should be submitted along with technical bid.

9. Declaration regarding local content for Make in India preference shall be uploaded (FORMAT C) along with the bid documents.
10. Payment Terms
 - a. 100% of payment will be paid by successful delivery of the items in good condition at the consignee site and after satisfactory installation and commissioning of equipment along with submission of "Installation Report" to be issued by user department and DCE.
11. Delivery and installation of equipment should be completed within 180 days from the date of issue of GeM order.
12. Class I local supplier / Class II local suppliers should comply the point No.9.b of **GOI Order No. P-45021/2/2017-PP (BE-II) dtd 16.09.2020**. A declaration with regard to this OM should be submitted along with the technical bid.
13. Bidders should submit the Manufacturer's Authorization in attached format A (Buyer uploaded ATC Document)
14. Restrictions under Rule 144 (xi) of GFR 2017 – 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 (i.e Registration Committee constituted by Department for Promotion of Industry and Internal Trade (DPIIT)). The bidder should furnish a declaration to this effect along with bid documents as per format D. [Where applicable, evidence of valid registration by the Competent Authority shall be attached]"
15. Bidders must ensure that only the concerned document is uploaded in a particular field for document upload. Uploading the same document in multiple fields should be avoided.
16. Bidder's offer is liable to be rejected if they do not upload any of the certificates/ documents sought in the Bid document, ATC and Corrigendum if any.
17. The successful bidder has to register at SCTIMST Vendors' Portal and get themselves verified once the purchase order is generated. The payment will be processed only after successful verification of the seller in the portal.
18. Payment Terms: 100% payment will be paid after satisfactory installation of the equipment along with submission of "Installation Report" issued by User Department.
19. Bidders may please be read as uptime warranty as 95% instead of 98% as per bid terms and conditions.
20. List of documents to be attached along with technical bid and price bid.

Formats to be attached with Technical Bid Annexure 1,2,3,4 & Format A, B,C, D & Technical compliance, EMD receipt.	Along with technical bid. No other formats/Schedule will be submitted with technical bid
Formats to be attached with Price bid. Schedule A, B, C, D	Along with price bid (Financial Document Required). (price formats along with technical bid will leads to rejection of bid)

Other instructions:

All bidders are to do a site survey to assess camera models, camera positions, site conditions, cabling requirements, storage requirements, etc. to meet the tender requirements. Bidders are to be satisfied as to the nature and location, general and local conditions, working conditions, etc, and that the bidder has estimated the cost accordingly. SCTIMST will be in no way responsible for the lack of such knowledge and also the consequences thereof to the bid.

- The authorized service center for the quoted products shall be available in Kerala. The address of the Authorized service center shall be furnished in the Technical bid.
- The remuneration that the Contractor shall receive from the contract will be subject to normal tax liability in India.
- All cutting and overwriting in the proposal should be authenticated by the initials of the authorized signatory. In case of any calculation error, the unit rates would prevail. The amount will also have to be written in words.
- The contractor must ensure the establishment of fully equipped, skilled authorized service agents or support centres in India for post-installation services and support within a period of 3 months from the date of signing the agreement. With the submission of this Tender, the Bidder accepts the conditions and evaluation process of the tender. If the items and services supplied are not in conformity with the specification and requirement of the bid as expected to adhere to the quality and the professional standards in a similar domain, it will have to be replaced at the risk and at the cost of the bidder.
- No used components shall be used as any part or piece of the installed system.
- The vendor should ensure warranty of the System for 3 years from the date of FAT (Final Acceptance Test) /DLP (Defect Liability Period) by SCTIMST and shall give service back up for 7 x 24 hrs of a week against any failure, software / hardware problem, etc.
- Bidder has to submit a quotation for 4-year compressive AMC of the CCTV project. It will be applicable after the completion of the 3-year warranty period.
- The Warranty period will start only after FAT(Final Acceptance Test) of the system is performed to the full satisfaction of SCTIMST.
- All the software supplied shall be licensed software, and the licenses should be registered with the Director SCTIMST.
- Providing Application software OEM copies along with license keys and passwords.
- The successful firm will have to give the escalation matrix for their service personnel.
- Necessary training for the successful operation & troubleshooting/maintenance of the entire system including software integration is to be given to Security staff and Computer Division Engineers & staff.
- The firm will provide complete documentation & all other associated project operational documentation (such as technical manuals, Original copies of the software etc.) on approved media, the sum total of which accurately represents the final system.
- Provide all the software on CD's and HDD for future use by SCTIMST. The supplied software shall not have any validity period.
- All the major components of the CCTV system shall be manufactured in a factory where IS/ISO 9001/2008 Quality system CERTIFICATION.
- The VMS software should be open Network Video Interface Forum (ONVIF) compliant preferably of the same OEM as that of CCTV Cameras.
- The cameras shall have multi-level user name or password protection and IP filter

tering and HHPS for high security requirements.

- The storage of the system shall be attached to the server/NVR running the application and the size and rating shall be suitable for storage of data. The storage system shall have ability to store and record all the videos of 300 cameras for at least 90 days period real time recording with minimum 15 to 20 fps. After 90 days, it shall start overwriting the disk on FIFO (First in First Out) basis. It shall also allow the retrieving of any video during the span of this period without affecting the quality of the video.
- The network type selected should be such that failure of one device or loop shall not affect the other devices and loops.
- Necessary hardware/software locks shall be designed and provided to prevent unauthorized access from and to a private network.
- All cameras shall be true IP cameras.
- The number of license obtained with the system for the various devices like the Cameras, VMS, NVR/Server, etc. shall be confirmed by the firm in the quotation.
- All outdoor cameras and related accessories like Power supply, media converters etc. shall have IP66 housing.
- The Video management software shall offer both video stream management and video stream storage management. Recording frame rate and resolution with respect to individual channel shall be programmable.
- Scope includes Erection and commissioning of all the interfaces.
- Installation and configuration of all the software, e.g., VMS, NVR /server, etc. Configuration e.g., related to VMS software, demonstration of functionalities, operation and maintenance procedure, handing over, user training on operation and maintenance to end users.
- All flexible cables shall be laid in GI conduits/flexible GI conduits with proper markings.
- Bidder shall supply and install, necessary CAT6 interconnecting cables, patch cords, jacks, jack panels, trays, conduits and other accessories as required for the satisfactory operation of the system along with any other devices and components for completion of the systems.
- The basic architecture /backbone of the system shall be such that in the event of any loop failure/problem, the other loop cameras shall continue to work.
- The CCTV equipment shall be carefully designed to determine their conformance with reference to material, workmanship, finish, markings, and dimensions to assess its conformance with other requirements of national and international standards stated or reasonably implied otherwise. However, all units of CCTV System supplied to the provisions of this specification shall be subjected to visual, dimensional, and functional inspection and testing to the satisfaction of SCTIMST authorities.
- All the cameras shall be true IP-based cameras. The IP-based standalone CCTV surveillance system shall monitor on real real-time basis, and store and display the activation of each camera in the system on 24x 365 days basis for retrieval as per SCTIMST requirement as stated in this specification.
- The wiring shall be monitored against faults such as opens, shorts, earths or data transmis

sion failure.

- The bidder is required to lay power cables through PVC conduits from the nearby UPS DB till the CCTV PoE Switch Racks in various locations as per standards. Saddles for fixing conduits shall be heavy gauge non-metallic type with base. Bends, couplers, etc of solid type shall also be used along with conduits as per requirement.
- The scope includes wiring materials, accessories, plugs & sockets if required. The method measurement is taken as a unit rate.
- HDPE pipe shall be suitable for drawing the CAT 6 and OFC cables conforming to relevant IEC/BIS. The HDPE material shall conform to ASTM D 3350. Necessary clamps, fasteners, etc shall be supplied when the pipe is drawing through walls/structures, etc.
- HDPE pipe are proposed for laying the OFC and CAT6 cables for use of CCTV communications. The HDPE pipes shall be laid through open trenches, hard surfaces after excavation of same at about 50 CM depth and excavated portion shall be backfilled, compacted with excavated material with compaction without damaging the pipe and cables. Loose soil cover shall be provided above the HDPE pipe for avoiding damage to the cables and pipes. For vehicle crossing areas sufficient depth shall be maintained to avoid damage to cables. Cable route marker shall be provided without any extra cost at required interval. Excavation shall be done by JCB/ manual by taking extreme care without damaging the existing cable and other utilities in the location. If any damage has occurred to the utilities the contractor shall make good the damaged portion by his own cost.
- The excavated hard surface shall be resurfaced with Cement Concrete after proper compacting the area.
- Poles supplied for fixing the CCTV shall be erected with a suitable CC foundation with at least 30 CM diameter and 50 cm depth from the ground and 20 CM above ground. Sufficient supports shall be given at the bottom of the poles for proper fixing of the same. At the top of the poles necessary GI sheet cover shall be provided for the protection of Cameras as per requirements.
- The mounting fixtures for the cameras shall be so designed that in case SCTIMST intends to shift its orientation. All the cabling of the new IP-based system shall have separate identification markers/cable tags of a permanent nature with clear markings for easy identification of the individual camera/zone/cabling.
- Supply and installation of G.I conduits and required bends, clamps, fixtures, hardware accessories are in the scope of supplier.
- All the cabling, conduit and installation shall be laid as per relevant standards or practice in vogue and shall have aesthetic look.
- Upon initial installation, all **CCTV Cameras shall have the original plastic dust covers installed.** Dust covers shall not be removed until installation is completed and the system is ready for test.
- Splices shall only be made on terminal strips. All CCTV Optic Fibre and Power cable wiring shall be installed as per route finalized in drawing. All external wiring shall be color-coded and shall not be installed in the same outlet box, junction box, or conduit with conductors of lighting or power systems.
- Locate and install the CCTV assembly for optimum viewing angle and easy accessibility.
- All Devices shall be labelled with its unique system address. Use permanent, printed label with black font on white background. At the end of each loop required terminator is to be provided.

- The quantity of Racks, CAT 6 cable, fiber cable, PVC pipe/HDPE pipe with cable laying, trench cutting, number of poles erection etc mentioned in the BOQ is tentative. This may have a variation of at least +/-30 %, which is based on our estimation and survey; hence while billing, the same will be measured and billed on actual.
- The Bidder to consult with the concerned Lift company for the installation of CCTV camera inside the lift related to the type of cable, conduit, connectivity etc.
- The Bidder has to provide the services required for completeness and correctness of the system irrespective of whether it is mentioned in the specification or not.
- The firm will have to establish the specified interfaces and demonstrate operation.
- The firm will have to secure certification from relevant authorities, wherever applicable.
- All the equipment supplied shall be installed and commissioned at site as per the engineering drawings duly approved by SCTIMST.
- Installation shall be in accordance with the requirement of the SCTIMST Engineer-in-Charge, approved drawings, and as recommended by the major equipment manufacturer.
- The supplier shall obtain specific clearance in writing wherever a part of the work is subcontracted. However, the firm will be fully responsible for the activities carried out by the subcontractor.
- The supplier shall inform the day-to-day progress of the work to the Engineer-In-Charge/authorized representative from SCTIMST.
- Bid shall be submitted in the prescribed form in two parts: Technical Bid and Financial Bid.
- Bidders should ensure that their tendered price as per the Price bid is not mentioned anywhere in any other documents in the Technical bid submission, directly or indirectly. If any such mention is made, the tender will become invalid and shall become liable for rejection.
- Bidder should complete the delivery and completion of all installation related services in 180 days from the date of receipt of GeM Order.
- Part I: Technical Bid Documents to be submitted through GeM portal, and should contain the scanned copies of the following documents.
 - o EMD or MSME Udyam Registration certificate along with QR code, as applicable
 - o Letter of Submission(vide Annexure-1)
 - o Organization Details(vide Annexure-2)
 - o Proof of experience in support of MQC as per Annexure-3a&3b.
 - o Proof that the tenderer is an Original Equipment Manufacturer (OEM) or authorized dealer. (The OEM who proposes to participate in the bidding process shall produce the certificate of incorporation or registration certificate. In the case of authorized dealer, the firm has to produce the valid authorization certificate from the OEM).
 - o Financial documents. Statement duly certified by Chartered Accountant showing Average Financial Turnover of the tenderer over the last three financial years [2021- '22, 2022-'23& 2023-24] (vide Annexure-4)

- o Copies of PAN, GST Registration and Bank Information for e-payment.
- Part II: Financial Bid: Tenderers shall submit the BoQ / Price Bid in GeM portal.

Annual maintenance contract

- The contractor should enter into a 4 years AMC, after the successful completion of 3 years warranty period, for the upkeep of the system and the cost of the same should be shown separately for each year in the price schedule.
- The AMC should be a comprehensive one and covers repairs and servicing to the complete system (software and hardware and connected accessories), replacement of all parts required for the satisfactory functioning of the system and the breakdown maintenance. The AMC rate shall be inclusive of the following items.
 - a) Cost of spare parts.
 - b) Cost of all types of cables and other accessories
- During AMC period the contractor would be bound to ensure that all the equipment and other software hardware systems are in working condition.
- The AMC period will start on completion of the mandatory warranty period. A separate order will be issued for the Annual Maintenance Contract, before the completion of the Warranty period of the installation.
- SCTIMST shall have the option to terminate the Annual Maintenance Contract, at any time before the completion of the AMC period. In such cases, only the pro-rata AMC amount will be paid.
- Upon written intimation/intimation over the telephone of a complaint/ defect (during the guarantee/ warranty/ AMC period), the contractor should send a representative(s) to attend the defects immediately, but not later than 12 hours. If the equipment becomes non-functional beyond the period of 12 hours due to a delay in rectifying the defect. For any delay beyond 12 hours, a penalty of 0.5 % per week subject to a maximum of 10 % of the total AMC Value applicable for that year will be deducted as Liquidated Damages. However, the routine maintenance with prior approval shall not be counted for arriving at the availability of the system.
- The routine /usual visit/ inspection/preventive maintenance should be done at least once in a month and the report submitted to the Engineer-in-charge. This visit shall be done with the permission/in the presence of the officer concerned and should cause only minimum disturbance to the functioning of the system.
- Payment for AMC
 - a. AMC will start after the expiry of the warranty period. A separate order shall be issued for the AMC on successful completion of a warranty period of 3 years.
 - b. AMC charges shall be released on successful completion of comprehensive maintenance on half yearly basis subject to the certification of the Engineer in charge.
- However, the routine maintenance with prior approval shall not be counted for arriving at the availability of the system.

IP surveillance installation locations

Sl. No	Block	Floor Level	Location	Type of Camera	Quantity
Hospital Wing					
1	AMC Block	0	Ground floor In gate focusing to road 1	IP Dome/Bullet Camera - Outdoor Type - Type 1	1
2	AMC Block	0	Bike parking area 1	IP Dome/Bullet Camera - Outdoor Type - Type 1	1
3	AMC Block	0	AMC Auditorium Inside from stage to audience	IP Dome/Bullet Camera - Indoor Type - Type 1	1
4	AMC Block	0	AMC Auditorium Inside from audience to stage	IP Dome/Bullet Camera - Indoor Type - Type 1	1
5	AMC Block	0	AMC Library	IP Dome/Bullet Camera - Indoor Type - Type 1	1
6	AMC Block	2	AMC 2nd floor corridor	IP Dome/Bullet Camera - Indoor Type - Type 2	1
7	AMC Block	3	AMC 3rd floor corridor	IP Dome/Bullet Camera - Indoor Type - Type 2	1
8	AMC Block	4	AMC 4th floor corridor	IP Dome/Bullet Camera - Indoor Type - Type 2	1
9	AMC Block	5	AMC 5th Floor Corridor	IP Dome/Bullet Camera - Indoor Type - Type 2	1
10	Swasthy Block	0	Inside Canteen	IP Dome/Bullet Camera - Indoor Type - Type 1	1
11	Swasthy Block	1	Swasthy building First Floor Hall	IP Dome/Bullet Camera - Indoor Type - Type 1	1
12	Swasthy Block	1	Swasthy building First Floor Reading Room	IP Dome/Bullet Camera - Indoor Type - Type 1	1
13	Ladies Hostel Block	0	Ladies Hostel entrance	IP Dome/Bullet Camera - Indoor Type - Type 1	1
14	Ladies Hostel Block	0	Ladies Hostel visiting area	IP Dome/Bullet Camera - Indoor Type - Type 1	1
15	Block 1	0	CM Review OP to waiting & TMT	IP Dome/Bullet Camera - Indoor Type - Type 1	1
16	Block 1	0	CM Review OP to New OP	IP Dome/Bullet Camera - Indoor Type - Type 1	1
17	Block 1	0	From TMT side to ECG/X-RAY	IP Dome/Bullet Camera - Indoor Type - Type 1	1
18	Block 1	0	From SSO Room to HOLT ER/New OP	IP Dome/Bullet Camera - Indoor Type - Type 2	1

19	Block 1	0	From SSO Room to X-Ray Room	IP Dome/Bullet Camera - Indoor Type - Type 2	1
20	Block 1	0	Basement Manifold	IP Dome/Bullet Camera - Indoor Type - Type 1	1
21	Block 1	0	Surgery OP to MRD 1 back	IP Dome/Bullet Camera - Indoor Type - Type 2	1
22	Block 1	0	In Gate	IP Dome/Bullet Camera - Outdoor Type - Type 1	1
23	Block 1	0	Ambulance parking slot to Parking slot 40	IP Dome/Bullet Camera - Outdoor Type - Type 1	1
24	Block 1	0	Waiting Area 2 towards parking slot 40	IP Dome/Bullet Camera - Outdoor Type - Type 1	1
25	Block 1	1	GM Ward Entrance to Cath lab	IP Dome/Bullet Camera - Indoor Type - Type 1	1
26	Block 1	1	Cath lab to GM Ward and Echo Waiting area	IP Dome/Bullet Camera - Indoor Type - Type 1	1
27	Block 1	2	CM Ward Entrance to Cath lab	IP Dome/Bullet Camera - Indoor Type - Type 1	1
28	Block 1	2	Cath lab to CM Ward	IP Dome/Bullet Camera - Indoor Type - Type 1	1
29	Block 1	3	PS Ward Entrance to PSOT	IP Dome/Bullet Camera - Indoor Type - Type 1	1
30	Block 1	3	PSOT to PS Ward	IP Dome/Bullet Camera - Indoor Type - Type 1	1
31	Block 1	4	NM Ward Entrance to EEG	IP Dome/Bullet Camera - Indoor Type - Type 1	1
32	Block 1	4	EEG to Corridor	IP Dome/Bullet Camera - Indoor Type - Type 2	1
33	Block 2	-1	Tailor area + Substation door Corridor towards block 1	IP Dome/Bullet Camera - Indoor Type - Type 2	1
34	Block 2	-1	Dietary corridor from tailor side	IP Dome/Bullet Camera - Indoor Type - Type 2	1
35	Block 2	-1	Dietary Laundry front side corridor	IP Dome/Bullet Camera - Indoor Type - Type 2	1
36	Block 2	-1	New Waiting Lounge towards lawn (PTZ)	IP Camera (Outdoor PTZ)	1
37	Block 2	-1	Inside New Waiting Lounge Middle Block	IP Dome/Bullet Camera - Indoor Type - Type 1	1
38	Block 2	0	Cardiac Surgery OP	IP Dome/Bullet Camera - Indoor Type - Type 1	1

39	Block 2	0	Corridor of the Genetic lab,ERM,Changing room Corridor	IP Dome/Bullet Camera - Indoor Type - Type 2	1
40	Block 2	1	Audiometry corner to Physiotherapy, CCL, Stair	IP Dome/Bullet Camera - Indoor Type - Type 2	1
41	Block 2	1	Clinical Pathology Corridor	IP Dome/Bullet Camera - Indoor Type - Type 2	1
42	Block 2	2	Blood bank corridor	IP Dome/Bullet Camera - Indoor Type - Type 2	1
43	Block 2	2	Biochemistry Lab to Auditorium-II	IP Dome/Bullet Camera - Indoor Type - Type 2	1
44	Block 2	3	Microbiology corridor	IP Dome/Bullet Camera - Indoor Type - Type 2	1
45	Block 2	3	Biochemistry Lab-3 to Corridor	IP Dome/Bullet Camera - Indoor Type - Type 2	1
46	Block 2	4	From MRD to corridor Epilepsy	IP Dome/Bullet Camera - Indoor Type - Type 2	1
47	Block 2	-2	MRI Waiting Area	IP Dome/Bullet Camera - Indoor Type - Type 1	1
48	Block 2	-2	MRI Gate to Mortuary Gate Side	IP Dome/Bullet Camera - Outdoor Type - Type 1	1
49	Block 3	-1	From store to Dietary corridor	IP Dome/Bullet Camera - Indoor Type - Type 2	1
50	Block 3	-1	Inside CSSD	IP Dome/Bullet Camera - Indoor Type - Type 1	1
51	Block 3	-1	From store to Dietary corridor	IP Dome/Bullet Camera - Indoor Type - Type 2	1
52	Block 3	-1	From Dietary to MRI Ramp	IP Dome/Bullet Camera - Indoor Type - Type 2	1
53	Block 3	0	Near Staff Doctor to Block 2 corridor	IP Dome/Bullet Camera - Indoor Type - Type 2	1
54	Block 3	0	NM OP Room No1 to NM OPD Waiting	IP Dome/Bullet Camera - Indoor Type - Type 1	1
55	Block 3	0	NM OP Sister back to Room 6 & 7 Front	IP Dome/Bullet Camera - Indoor Type - Type 1	1
56	Block 3	0	NM OP Room 9 to NSOPD Sister	IP Dome/Bullet Camera - Indoor Type - Type 1	1
57	Block 3	1	From Lift to Comprehensive Stroke Care	IP Dome/Bullet Camera - Indoor Type - Type 2	1

58	Block 3	2	MS Office to Pathology	IP Dome/Bullet Camera - Indoor Type - Type 2	1
59	Block 3	2	MS Office to Blood Bank	IP Dome/Bullet Camera - Indoor Type - Type 2	1
60	Block 3	3	NS Ward South side Lift to NS Ward	IP Dome/Bullet Camera - Indoor Type - Type 1	1
61	Block 3	3	NS Ward North Side Lift to NS Ward	IP Dome/Bullet Camera - Indoor Type - Type 1	1
62	Block 3	4	NS ICU North Side Lift to NS ICU	IP Dome/Bullet Camera - Indoor Type - Type 1	1
63	Block 3	5	CS Ward South side Lift to CS Ward	IP Dome/Bullet Camera - Indoor Type - Type 1	1
64	Block 3	5	CS Ward North Side Lift to CS Ward entrance	IP Dome/Bullet Camera - Indoor Type - Type 1	1
65	Block 3	6	CS ICU North Side Lift to CS ICU Entrance	IP Dome/Bullet Camera - Indoor Type - Type 1	1
66	Block 3	7	Side1	IP Dome/Bullet Camera - Indoor Type - Type 2	1
67	Block 3	7	Side 2	IP Dome/Bullet Camera - Indoor Type - Type 2	1
Kumarapuram Hostel/Quarters Campus					
68	Srishty Block	0	Front entrance of Srishty Hostel	IP Dome/Bullet Camera - Indoor Type - Type 2	1
69	Srishty Block	0	Camera - Covering Ground floor right corridor	IP Dome/Bullet Camera - Indoor Type - Type 2	1
70	Srishty Block	0	Camera - Covering Ground floor Left corridor	IP Dome/Bullet Camera - Indoor Type - Type 2	1
71	Srishty Block	1	Camera - Covering First floor right corridor	IP Dome/Bullet Camera - Indoor Type - Type 2	1
72	Srishty Block	1	Camera - Covering First floor Left corridor	IP Dome/Bullet Camera - Indoor Type - Type 2	1
73	Srishty Block	2	Camera - Covering Second floor right corridor	IP Dome/Bullet Camera - Indoor Type - Type 2	1
74	Srishty Block	2	Camera - Covering Second floor Left corridor	IP Dome/Bullet Camera - Indoor Type - Type 2	1
75	Srishty Block	3	Camera - Covering Third floor right corridor	IP Dome/Bullet Camera - Indoor Type - Type 2	1
76	Srishty Block	3	Camera - Covering Third floor Left corridor	IP Dome/Bullet Camera - Indoor Type - Type 2	1

77	Srishty Block	3	Camera - Covering Third floor Stair to Terrace	IP Dome/Bullet Camera - Indoor Type - Type 2	1
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11. **Buyer Added Bid Specific ATC**

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

12. **Generic**

Manufacturer Authorization:Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid

13. **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.

14. **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.

15. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of

Director, SCTIMST,
payable at
Trivandrum

. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.

16. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Fixed Deposit Receipt also (besides PBG which is allowed as per GeM GTC). FDR should be made out or pledged in the name of

Director, SCTIMST, Trivandrum

A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of Security Deposit, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Successful Bidder has to upload scanned copy of the FDR document in place of PBG and has to ensure delivery of hard copy of Original FDR to the Buyer within 15 days of award of contract.

अस्वीकरण/Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.
15. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template as indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by GeM GTC.
16. 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 catalogs 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 within 4 days of bid publication on GeM. 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 10 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 A10 are to be indicated for 6th to 10th 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 10% of cost of equipment.

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 are mandated to ensure compliance with all the applicable laws / acts / rules including but not limited to all Labour Laws 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. Any non-compliance will be treated as breach of contract and Buyer may take suitable actions as per GeM Contract.

[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---