

**Pre-Bid EOI for Selection of Consortium Partner
for RFP for Supply, Installation, Commissioning
and Maintenance of CCTV Systems for IGR 3.0
project under Lease cum Service model for a
period of 5 years**

EOI No. TCIL/EDDT/IGR 3.0/2026/01

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SECTION-1

EXPRESSION OF INTEREST (EOI)

EOIs are invited from all eligible bidders for Pre-Tender Tie-up with TCIL for Selection of Consortium Partner for RFP for Supply, Installation, Commissioning and Maintenance of CCTV Systems for IGR 3.0 project under Lease cum Service model for a period of 5 years.” against client’s Tender No. E-ANGADI-ST-CT02-2026-0019-2 for Supply, Installation, Commissioning and Maintenance of CCTV Systems for IGR 3.0 project under Lease cum Service model for a period of 5 years.

Telecommunications Consultants India Ltd. (TCIL) is a Govt. of India Enterprise, under Department of Telecommunications, Ministry of Communications. It was set up in 1978 to share Indian experience and expertise with developing countries and to assist bulk users of telecom services in setting up dedicated telecom networks.

TCIL has been undertaking various projects in all fields of telecommunications and information technology and also continuously deploying new technologies in the field of Telecom Software, Switching and Transmission Systems, Cellular Services, Rural Telecommunications, Optical Fiber based Backbone Transmission Systems etc. TCIL has diversified its operation and has been executing projects in the field of Civil Infrastructure, Architecture and Power, Rural Roads and Civil Construction. TCIL has been executing projects in the latest technologies like FTTH, VOIP, IPTV etc.

TCIL intends to participate in client tender as Lead Bidder for Supply, Installation, Commissioning and Maintenance of CCTV Systems for IGR 3.0 project under Lease cum Service model for a period of 5 years. This EOI is floated for selection of consortium partner ready to work in the above project for TCIL on exclusive basis.

Submission of Online Bids is mandatory for this EOI. Prospective bidders need to submit their bids with the most competitive Techno-commercial offer for the aforesaid work. EOI document is available on TCIL website (<https://www.tcil.net.in/nit.php>) & GePNIC portal (<https://www.etenders.gov.in>). The important dates are as given below:

1.1 IMPORTANT DATES

Date of posting of EOI:	04.06.2026
Last date & time for seeking clarification, if any:	05.06.2026, 18:00 Hrs
Start date & time for Online submission of Bids:	04.06.2026, 18:00 Hrs
Last date & time for Online submission of Bids:	13.06.2026, 15:00 Hrs
Online Opening of Technical Bid (Part-I):	13.06.2026, 15:30 Hrs
Online Opening of Financial Bid (Part-II):	To be notified later

Bids shall be submitted on GePNIC Portal (<https://www.etenders.gov.in>). Bidders are advised to visit GePNIC portal (<https://www.etenders.gov.in>) and/or TCIL website regularly for updates/amendments, if any. Bidders can contact NIC for Telephonic Help Support on Toll Free Help Desk Number- 1800 3070 2232 for requisite queries regarding registration, training, demonstration, minimum system requirements etc. of Government e-Procurement System of NIC (GePNIC).

1.2 ELIGIBILITY CRITERIA

- a) (i) In procurement of all goods, services or works in respect of which the nodal ministry/ department has communicated that there is a sufficient local capacity and local competition, only Class-I local supplier as defined under the order shall be eligible to bid as per extant order of DPIIT.
- (ii) Only Class-I and Class-II local supplier, as defined under the extant order of DPIIT, shall be eligible to bid in procurement undertaken by procuring entity, except when global tender enquiry has been issued.

Mandatory Undertaking against the Make in India Policy to be submitted by the bidders and OEMs along with calculation of local content (Section-10) for submission in TCIL’s bid against client’s

tender.

The Public Procurement (Preference to Make in India) Order by DPIIT may be checked at: <https://dpiit.gov.in/public-procurement-dpiit>.

- b) The bidder should be an Indian Registered Company under Companies Act 1956 or 2013/ Proprietorship / Partnership Firm / Government Societies. Copy of Certificate of Incorporation/ Registration/ Partnership Deed or any other relevant document, as applicable, should be submitted.
- c) The bidder shall fulfill the following financial criteria:
 - i. Average Annual Financial Turnover during the last 3 financial years, ending 31st March 2025 should be at least **2.36 Cr [1.97 Cr for Micro and Small Enterprises (MSEs) & Startups]** (excluding taxes).
 - ii. Net worth should be positive as on 31st March of last Financial Year.
 - iii. The bidder should have Profit Before Tax (PBT) in two out of the last three financial years.
- d) Experience of having successfully completed similar works/supplies during the last 7 years from the date of bid submission should be either of the following:

One similar work costing not less than **Rs. 2.36 Cr (Rs. 1.97 Cr for MSEs & Startups)** (excluding taxes), in last 7 years.

OR

Two similar works each costing not less than **Rs. 3.15 Cr (Rs. 2.75 Cr for MSEs & Startups)** (excluding taxes), in last 7 years.

Note: "Project Completion period is **Completion Period of Client Project** i.e., the period from date of issue of LOI to completion of Supply, Installation, Testing, Commissioning and Acceptance Testing of the system."

‘Similar work’ implies "Supply, Installation, Commissioning and maintenance for CCTV Surveillance system including Camera, Server & Storage infrastructure can be On-Prem or Cloud infrastructure". One Similar Work means a Single Work/Purchase Order of value as given in this clause above.

The bidder should submit supporting documents i.e., work order and completion certificate from client.

- e) The bidder should have a valid PAN and GST Registration. Copy of PAN card and GST Registration certificate should be submitted in the bid. *In case GST registration is not available, the bidder shall give undertaking that it will get registered before start of work, if work is awarded to them.*
- f) **Manufacturers Authorization Certificate (MAF)**
The bidder should submit Manufacturers Authorization Certificate (MAF) from Original Equipment Manufacturers (OEMs) specific to the bid for items mentioned in this EOI in the name of TCIL. *In case of unavailability of MAF at the time of EOI response, bidder should submit an undertaking stating that the same shall be submitted before opening of financial bid.*
- g) The bidder should not be blacklisted/ debarred/ banned/ restricted by any Union Govt./ State Govt./ PSU as on date of submission of the Bid. "No-Conviction Certificate" duly signed by authorized signatory signing the bid, should be submitted in the prescribed format.
- h) The bidder shall submit the undertaking for the following requirements:
 - i. The bidder should not be insolvent, in receivership, bankrupt or being wound up, not have had their business activities suspended and not be the subject of legal proceedings for any of the foregoing.

- ii. The bidder shall undertake that:
 “In reference to the Government of India, Ministry of Finance, Department of Expenditure, Office Memorandum No. F.No. 6/18/2019-PPD, Dated 23-07-2020. I hereby submit that:
 We have read the Clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; We certify that we (in case of Consortium all the Consortium Partners) are not from such a country *or their beneficial owner is not from such a country or we will not sub-contract any work to a contractor from such countries*, if from such a country, have been registered with the Competent Authority.
 We hereby certify that we (in case of Consortium all the Consortium Partners) fulfill all requirements in this regard and are eligible to be considered.”
 [Where applicable, evidence of valid registration by the Competent Authority shall be attached.]

This undertaking shall be submitted from the OEM for submission in TCIL's bid against the client's tender. In case of unavailability of this undertaking at the time of EOI response, bidder should submit an undertaking stating that the same shall be submitted before opening of financial bid.

- iii. Vendors whose Purchase Order(s) for any Project of TCIL was/were cancelled on risk & cost basis for non-performance or non-submission of performance guarantee in last 2 years are not eligible to participate in this EOI. The bidder shall submit the undertaking that they are not such a vendor.
- iv. It is a mandatory requirement that the bidder shall provide formally certified skilled workforce or commitment to the effect that they would ensure that all their workers would be skilled through Recognition of Prior Learning (RPL) within two months from the date of commencement of work under the project, at the cost of the bidder. This is in compliance to Ministry of Skill Development and Entrepreneurship (MSDE) D.O dated 12.09.2022. The bidder shall provide undertaking to this effect.
- v. The bidder should give an undertaking that all the documents/ certificates/ information submitted by them against this EOI are genuine.

In case any of the documents/certificates/information submitted by the bidder is found to be false or forged, TCIL shall immediately reject the bid of such bidder(s) or cancel/terminate the contract and forfeit bid security / Performance Security submitted by the bidder and debar them from participation in future EOIs/tenders of TCIL for a period up to 2 years.

- vi. LABOUR LAWS (wherever applicable): The bidder shall comply with all applicable Indian Labour laws, Payment of Minimum Wages Act, Workman's Compensation Act, EPF/ESI provisions and any such statutory provisions. In case the bidder is found to be not complying to any of the relevant statutory requirement, action as deemed fit may be initiated by TCIL at its sole discretion.
- vii. A statement showing clause-by-clause compliance to all terms & conditions of all the sections of this EOI as well as client's tender (which forms part of this EOI), shall be submitted by the bidder. Alternatively, the bidder may submit No-Deviation Certificate against TCIL's EOI and Client's tender. Compliance of OEM products to be submitted from the OEM.

- i) The bidder needs to submit un-priced BOQ along with their technical bid.
- j) Proof of PF registration to be submitted by the bidder.

- k) The bidder should have a local office where work is to be executed (address proof to be submitted). *Otherwise, an undertaking stating that a local office shall be opened after award of work shall be submitted by the bidder.*
- l) Bid by Consortium is not allowed.
- m) Bidder shall submit technical data sheet by highlighting each complied specification. Wherever technical specifications and operational/functional requirements are not mentioned in the datasheet, OEM compliance shall be submitted.
- n) Bidder should have completed / executed a project, by deploying IT Skilled manpower (Viz., Data Entry Operator) with a work order for value of **Rs. 6 Crore**, in the any one of the last 3 years as on 30.09.2025 for Government / Central Government/ Quasi Government / PSU Registered companies in India.

Manpower such as IT Service Desks operators, Service Support Centres, On-site support engineers etc handling IT equipment, IT service projects.

GST invoice and ESI/EPF returns for one continuous year certified by a Chartered Accountant.
Performance certificate/Completion certificate for the same.

- 1.3** The Client's tender No. E-ANGADI-ST-CT02-2026-0019-2 and Supply, Installation, Commissioning and Maintenance of CCTV Systems for IGR 3.0 project under Lease cum Service model for a period of 5 years, along with its amendments, forms an integral part of this EOI.

1.4 BID SECURITY (EARNEST MONEY DEPOSIT)

Bidder has to submit EMD of **Rs. 50,00,000/-**.

EMD amount can be submitted in the form of

- Demand Draft (DD) drawn in favour of "Telecommunications Consultants India Limited" payable at New Delhi, or
- Fixed Deposit Receipt (FDR), or
- Bankers Cheque, or
- Electronic transfer (details given in Clause-1.6), or
- Bank Guarantee (BG)/ e-BG in the prescribed format from a SFMS enabled Scheduled Commercial Bank through SFMS Platform, or
- Insurance Surety Bond in the prescribed format.
(BG and Insurance Surety Bond formats given in Section-8).

The validity period of Bid Security / EMD (in any form) should be 120 days.

Details of beneficiary for issue of BG under SFMS Platform is as below:

Name of Beneficiary and its Details	Name	Telecommunications Consultants India Limited
	Address	TCIL Bhawan, Greater Kailash-1, New Delhi- 110048
Name of Beneficiary Bank and its Details	Name	ICICI Bank Limited
	Account No	000705005880
	Address	9-A PHELPS Building, Connaught Place, New Delhi- 110001
	Unique Identifier Code	TC503394486 (UID to be mentioned in field 7037 of the BG advising message code)
	IFS Code	ICIC0000007

1.5 TENDER FEES

Bidder has to pay Tender Fees of **Rs. 10,000/- + 18% GST = Rs. 11,800/-**

1.6 BANK DETAILS FOR PAYMENT OF EMD / TENDER FEES

Tender Fees/ EMD can also be paid through the following prescribed electronic modes of payment **(UTR No. is to be provided by bidder in the technical online bid)**:

- a. Debit card powered by RuPay
- b. Unified Payment Interface (UPI) (BHIM-UPI) – TCIL VPA ID – **tcil80@ICICI**
- c. Unified Payment Interface (UPI) Quick Response Code: As below.



- d. Bank details for NEFT:

Name of Beneficiary	Name	Telecommunications Consultants India Limited
	Account No.	TCIL58EDDT
Name of Beneficiary Bank and its Details	Name	ICICI Bank Limited
	Address	9-A PHELPS Building, Connaught Place, New Delhi- 110001
	IFS Code	ICIC0000106

1.7 NOTES FOR EMD AND TENDER FEES EXEMPTION

- a) Micro & Small Enterprises (MSEs) (for ‘Goods’ and ‘Services’ tenders only) and Start-up Enterprises are exempted from the payment of EMD & Tender Fees.
- b) To avail benefits prescribed in the tender for Start-up Enterprises, the bidder shall submit their registration certificate issued by DIPP/DPIIT. Non-submission of requisite proof shall be treated as non-Start-up Enterprise bid.
- c) To avail benefits prescribed in the tender for Micro & Small Enterprises (MSEs), the bidder shall submit Udyam Certificate for item/services (mentioned in this EOI) along with a certificate from their Statutory Auditors certifying the amount of investment in plant and machinery by Micro and Small Enterprise in accordance with provisions of MSMED Act 2006 to be read with notifications No SO 2119(E) dated 26.06.2020. Non-submission of requisite proof and certificate from statutory auditors shall be treated as non-MSE bid.
- d) Traders/ resellers / distributors/ authorized agents will not be considered for availing benefits under MSME Act 2006 and PPP Policy 2012, as per MSE guidelines issued by MoMSME.
- e) MSEs who are manufacturer of Goods/ Items and provider of Services, need to ensure that ALL delivered Goods/items and Services of the EOI are listed in their Udyam certificate. Partial listing of Goods/Services in the certificate shall render MSEs ineligible for benefits.
- f) The bids submitted without bid security/tender fees or inadequate bid security/tender fees will be rejected. No interest shall be payable on bid security amount.
- g) If bid security/ tender fees are submitted as BG/DD, it should reach the office of Tender Issuing/ Accepting Authority within the last date & time stipulated for bid submission in the tender.
- h) The EMD of unsuccessful bidder shall be returned as promptly as possible, but not later than 30 days after expiry of the bid validity period.
- i) The Bid Security may be forfeited if:
 - (i) If the bidder withdraws its bid during the period of bid validity or
 - (ii) Fails or refuses to execute the contract, if required; or
 - (iii) The successful bidder fails to submit performance security within the prescribed time; or
 - (iv) The proceeds of EMD shall be payable to TCIL in case of breach of any of the terms and conditions of the contract/PO/tender by the vendor.

1.8 EVALUATION

- a) TCIL shall evaluate bids in respect to substantive responsiveness of the bid or otherwise. TCIL shall carry out detailed evaluation of the substantially responsive bids only.
- b) A bid determined as substantially non-responsive technically/ financially shall be rejected, even after opening the price bid.
- c) TCIL may waive any minor infirmity or non-conformity or irregularity in the bid which does not constitute a material deviation.
- d) Among all technically qualified bids, the lowest bid will be termed as L1 (excluding taxes) derived from Price Bid Schedule. The Purchase Preference shall be given as per Purchase Preference defined in this EOI.
- e) If there is a discrepancy between the unit price and total price that is obtained multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected.
- f) NPV BASED EVALUATION CRITERIA:
 - 1) Applicable for works/ tenders where scope of work includes CAPEX and OPEX (O&M/AMC) or only OPEX, and where OPEX activity is spread over a period of two or more years.
 - 2) Bids shall be evaluated on the basis of the lowest NPV (Net Present Value) without taxes.
 - 3) Total cost shall be CAPEX+NPV of O&M/ AMC.
 - 4) The discounting rate of 10% per annum shall be used for calculating NPV.

1.9 VALIDITY PERIOD OF BID

Bid shall remain valid for 120 days, after the date of bid opening. The bid valid for a shorter period shall be rejected as non-responsive.

In exceptional circumstances, TCIL may request the bidder for an extension to the period of bid validity if same is extended by end client and accordingly, the bid security shall also be suitably extended by the bidder.

1.10 INTEGRITY PACT (IP) PROGRAMME

- a) As a part of implementation of Integrity Pact Programme (IPP) in TCIL, all tenders with the estimate value equal to or exceeding the threshold value will be covered under the Integrity Pact Programme (IPP) and the vendors are required to sign the IP document and submit the same to TCIL before or along with the bids. Even in case of tenders with the estimated value less than the threshold value, the vendors would be required to sign the IP document if the total value of the Purchase Orders (POs) exceeds the threshold value in respect of:
 - Multiple/repeat POs on the single vendors against a tender.
 - POs placed on multiple vendors against a tender.

Latest IP document is available at TCIL website (www.tcil.net.in)

Link- https://www.tcil.net.in/integrity_pact.php.

- b) Only those vendors who have signed the IP document can send their grievances, if any, to the Independent External Monitors (IEMs).

NAME OF IEMs WITH THEIR CONTACT DETAILS:

- i) Shri Anil Kumar Shrivastava, Independent External Monitor; Email ID: anilifs86@gmail.com
- ii) Shri Harishwar Dayal, Independent External Monitor; E mail ID: dayalagra@gmail.com

- c) If the Order, with total value equal to or more than the threshold value, is split to more than one vendor and even if the value of PO placed on any/each vendor(s) is less than the threshold value, IP document having been signed by the vendors at bid stage itself, the Pact shall continue to be applicable.

- d) In respect of tenders for Pre-bid tie up/Expression of Interest (EOI): In case of TCIL getting the Order from the client, before placement of Purchase Order/Work Order on technically & commercially qualified vendor, the selected vendor is required to sign the IP document.
- e) IP document shall be in plain white sheet and to be signed by the vendor and TCIL with two witnesses from each party. The name, designation, company etc. of the persons signing the IP document and the project/tender name shall be clearly mentioned. All pages of the IP document shall be initialed by both parties along with company seal.
- f) Tender received without a signed & stamped copy of the Integrity Pact document will be liable to be rejected, and the bidder himself will be responsible for that.
- g) This EOI is covered under the Integrity Pact Programme of TCIL and bidders are required to sign the Integrity Pact Document and submit same to TCIL before or along with the bids.
- h) The integrity Pact Agreement duly signed and stamped by Authorized Signatory & Witnesses has to be submitted in physical form at the time of bid submission. In case of consortium bid, the lead partner shall sign as authorized signatory and the consortium partner as witness.
- i) EOI received without a signed copy of the Integrity Pact document will be liable to be rejected.
- j) In case of Joint Venture, all partners of the joint venture should sign the Integrity Pact. In case of sub-contracting, the Principal Contractor shall take the responsibility of the adoption of IP by the sub-contractor. It is to be ensured that all sub-contractors also sign the IP.
- k) Mediation Clause : In the event of any dispute between management and the contractor relating to those contracts where integrity pact is applicable, in case, both the parties are agreeable, the dispute may be settled through mediation before the panel of IEMs in a time bound manner. If required, the organizations may adopt any mediation rules for this purpose. In case the dispute remains unresolved even after mediation by panel of IEMs, the organization may take further action as per terms and conditions of the contract.

1.11 SIGNING OF NON-DISCLOSURE AGREEMENT (NDA)

~~Bidders interested to participate in an EOI, where client requires signing of NDA, then bidder also have to sign an NDA with TCIL on a non-judicial stamp paper of Rs. 100, and the required EOI document fee has to be deposited to TCIL. In case the bid is to be submitted by a consortium, NDA should be signed by each partner of the consortium. Participation without compliance to the above shall be invalid and such bids will not be considered by TCIL.~~

1.12 AUTHORIZATION LETTER / BOARD RESOLUTION

The bidders need to submit board resolution along with authorization letter in Online mode authorizing the signatory to act on behalf of the bidder. The authorized person should be either authorized by Board or an employee authorized by one of the following persons who has the Board Resolution to delegate authorization to other:

1. Managing Director
2. Chief Executive Officer
3. The Manager
4. Company Secretary
5. Whole-time director
6. Chief Financial Officer

The bidder should ensure that the Digital Signature used for uploading the tender document in e-tender portal should be of the authorized signatory.

1.13 MOU/ AGREEMENT

The selected bidder will have to sign a MoU with TCIL before TCIL submits bid to the end client.

The template of Pre-bid MoU documents [(1) with consortium, and (2) without consortium] are enclosed in Section-17.

1.14 SUBMISSION OF FORGED DOCUMENTS

Bidders should note that TCIL may verify authenticity of all the documents/ certificates/ information submitted by them against the EOI. If it is established at any stage of the process that bidder has submitted forged documents/ certificates/ information towards fulfillment of any of the EOI/contract conditions, TCIL shall immediately reject the bid of such bidder(s) or cancel/ terminate the contract and forfeit Bid Security/ Performance Security submitted by the bidder, and debar them from participation in future tenders of TCIL for a period up to 2 years.

1.15 CLARIFICATION FROM BIDDERS

Queries may be asked from bidders for submitting shortfall documents, which will have to be submitted by the bidder within specified date and time. Also, each document submitted against such queries should be signed by the authorized bid signing authority (Clause-1.10) , without which the documents will not be accepted as valid.

1.16 REGISTRATION OF MSE VENDORS

All MSE bidders may be registered on TReDS platform (<http://www.rxil.in>) and MSME-SAMADHAAN portal. Participating MSE bidders shall submit an undertaking regarding the same.

1.17 The bidder must ensure that their bid is complete in all respects and conforms to EOI terms and conditions, EOI specifications etc. including client specifications, failing which the bids are liable to be rejected without seeking any clarifications on any exception/ deviation taken by the bidder in their bid.

1.18 TCIL reserves the right to accept or reject any or all the EOIs without assigning any reason.

1.19 The vendor shall provide its GeM Seller id to TCIL when asked for the same, before award of contract (not applicable for “works” contract or non-Indian vendor).

1.20 CONTACT INFORMATION

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END OF SECTION-1

SECTION-2

GENERAL CONDITIONS OF CONTRACT

2.1 FINANCING OF TRADE RECEIVABLES OF MSE'S THROUGH TRADE RECEIVABLES DISCOUNTING SYSTEM (TREDS) PLATFORM

- a) Based on the initiatives of government of India to help MSME vendors get immediate access to liquid fund based on TCIL's credit rating by discounting MSE's trade receivables through an auction mechanism where multiple financiers can participate and bid, TCIL registered itself on TReDS platform with M/s RXIL.
- b) Micro and Small Enterprise (MSE) bidders / vendors can avail this benefit by registering themselves with M/s RXIL providing e-discounting/electronic factoring services on its TReDS platform and following the procedures defined therein.
- c) All costs relating to availing the facility of discounting on TReDS platform including but not limited to Registration charges, Transaction charges for financing, Discounting Charges, Interest on financing, or any other charges known by any name shall be borne by MSE Bidders / Vendor.
- d) MSE Bidders / Vendor hereby agrees to indemnify, hold harmless and keep TCIL and its affiliates, Directors, officers, representatives, agents and employees indemnified, from any and all damages, losses, claims and liabilities (including legal costs) which may arise from Sellers submission, posting or display, participation, in any manner, on the RXIL's TReDS Platform or from the use of Services or from the TCIL's breach of any of the terms and conditions of the Usage Terms or of this Agreement and any Applicable Law on a full indemnity basis.
- e) TCIL shall not be liable for any special, indirect, punitive, incidental or consequential damages or any damages whatsoever (including but not limited to damages for loss of profits or savings, business interruption, loss of information), whether in contract, tort, equity or otherwise or any other damages resulting from using facilities on RXIL's TReDS platform.

2.2 PRICE PREFERENCE TO MICRO AND SMALL ENTERPRISES

(Price Preference to MSEs shall be extended as per GoI guidelines applicable as issued from time to time).

- a) If items mentioned in EOI are **non-splittable/ non-dividable** and L1 is non-MSE bidder:
 - i) If a MSE bidder is within L1+15% price range, the complete purchase/ work order shall be given to MSE bidder subject to their matching the L1 price.
 - ii) If no MSE bidder is within L1+15% price range, then complete purchase/ work order shall be given to the L1 bidder.
- ~~b) If items mentioned in EOI are **splittable/ dividable** and MSE is neither L1 nor within L1+15%, the purchase/ work order shall be given to the L1 bidder.~~
- ~~c) If the items mentioned in EOI are **splittable/ dividable** and MSE is not L1 but within L1+15%, 25% of total procurement shall be made from MSE, subject to their matching the L1 price. In case more than one MSEs are within L1+15% range, procurement will be shared equally among such MSEs, subject to their matching of L1 price, with a minimum 4% procurement from SC/ST MSEs. In event of failure of SC/ST MSEs to match L1 price or no SC/ST MSEs in L1+15%, then this 4% sub-target shall be met from other MSEs. Similarly, minimum 3% reservation within above mentioned 25% reservation shall be applicable for MSEs owned by women entrepreneurs.~~

2.3 PURCHASE PREFERENCE: MAKE IN INDIA

(Purchase Preference to as per GOI's Make in India guidelines applicable as issued from time to time.)

- a) Minimum local content: **>20%**
- b) Margin of purchase preference: 20%

- c) Subject to the provisions of this order and to any specific instructions issued by the Nodal Ministry or in pursuance of this Order. Purchase preference shall be given to Class –I local supplier in procurements undertaken by procuring entities in the manner as specified in the extant DPIIT order.
- d) ‘Class-II local supplier’ will not get purchase preference in any procurement undertaken by procuring entities.
- e) Verification of local content:
 - i. In cases of procurement for value less than Rs. 10 crores, the local supplier (Class-I and Class-II), at the time of bidding, shall submit a self-certification that the item offered meets the minimum local content and shall give details of the location(s) at which the local value addition is made.
 - ii. In cases of procurement for value in excess of Rs. 10 crores, the local supplier (Class-I & Class-II) shall be required to provide a certificate from statutory auditor or cost auditor of company (in case of companies) or from practicing cost accountant or chartered accountant (in respect of suppliers other than companies) giving percentage of local content in addition to self-certification at point (i).

2.4 RESTRICTIONS ON PROCUREMENT FROM A BIDDER OF A COUNTRY WHICH SHARES A LAND BORDER WITH INDIA

The bidder shall offer and supply only those product(s)/ goods/ equipment(s)/ software(s) under this EOI/ contract which are in compliance with Government of India, Ministry of Finance, Department of Expenditure, Office Memorandum No. F.No. 6/18/2019-PPD dated 23-07-2020 (as amended from time to time). (ref. <https://dpiit.gov.in/policy-guidelines-andforms>)

2.4.1 PROCUREMENT OF PRODUCTS FROM TRUSTED SOURCES

If the supplied product(s) under this EOI/ contract is/are to be connected with Telecommunication Network, then such product(s)/ goods/ equipment(s)/ software(s) shall be only from Trusted Sources (Unified License for procurement of telecommunication equipment) (as amended from time to time). (ref: <https://dot.gov.in/unified-licencing>)

- 2.4.2 Bidder who is found violating these directions/ guidelines of Govt. of India or any other guidelines in this regard shall be liable to face action from TCIL, which may include non-award of work, cancellation of contract, rejection of goods supplied, getting the work done at risk & cost of the bidder, forfeiting the Performance Security, banning for future work for a period up to **five (5) years** or any other action as deemed fit.

2.5 RISK PURCHASE

- a) In case, the sub-contractor/ Supplier is not performing its obligations under the contract, the notice shall be sent as per law to the sub-contractor informing that in case of non-performance by a particular date/period, the contract shall be terminated and the work/project will be executed (through a third party) at the risk and cost of the said sub-contractor/ supplier as per the terms of the contract.
- b) On completion of the specified period/date, the notice of termination shall be issued clearly specifying that the remaining work shall be executed (through a third party) at the risk and cost of the sub-contractor/supplier. Along with this notice of termination, intimation shall be sent to the said sub-contractor/supplier for joint preparation of inventory of the works performed/ supplies already undertaken by him. If the sub-contractor/supplier fails to turn up on an appointed date for joint preparation of inventory, in that situation he shall be proceeded ex parte and the inventory shall be prepared by TCIL/Employer and the same be sent to the sub-contractor/supplier.

- c) Further at the time of award of work to another sub-contractor/ Supplier, if the work is awarded at an additional cost than the original sub-contractor/ Supplier, another notice may be issued to the original sub-contractor/ Supplier specifying that the work has been awarded to another agency at the additional cost of such and such amount, and he is liable to pay that amount to TCIL.
- d) Demand notices may be sent to the original sub-contractor / supplier from time to time.

2.6 GENERAL LIEN / SET-OFF

- a) Whenever under this contract, any sum of money is recoverable from and payable by the supplier, the purchaser shall be entitled to recover such sum by appropriating in part or in whole the security deposit of the supplier, if a security is taken from the supplier. In the event of the security being insufficient or if no security has been taken from the supplier, the balance or the total sum recoverable, as the case may be, shall be deducted from any sum due to the supplier or which at any time thereafter may become due to the supplier under this or any other contract with the purchaser. Should this sum not be sufficient to cover the full amount recoverable, the supplier, shall pay to the purchaser on demand the remaining balance due.
- b) Any sum of money (including refundable security deposit) due and payable to the supplier, under this contract or any other contract entered between the parties herein whether continuing or completed may be appropriated by TCIL and set off against any claim of TCIL of any nature whatsoever, arising under this contract or any other contract entered into between the parties, herein whether continuing or completed.

2.7 REPEAT / ADD-ON ORDER

- a) In exceptional situation where the requirement is of an emergent nature, the purchaser reserves the right to place repeat order up to 50% of the value of goods and services contained in the running tender/contract within a period of twelve months from the date of commissioning/ commercialization of the project (date of acceptance of APO of the items procured in case where no installation, commissioning is involved) at the same rate or a rate negotiated (downwardly) with the existing vendors considering the reasonability of rates based on prevailing market conditions and the impact of reduction in duties and taxes etc.
- b) Further if required, an additional order for 50% of the value of the goods & services limited to 100% of the value of goods and services contained in the running tender/contract may be placed within a period of twelve months from the date of commissioning/ commercialization of the project (date of acceptance of APO of the items procured in case where no installation, commissioning is involved) on the existing vendors at the same rate or a rate negotiated (downwardly) considering the reasonability of rates based on prevailing market conditions and the impact of reduction in duties and taxes etc.

2.8 PURCHASERS RIGHT TO VARY QUANTITIES

TCIL will have the right to increase or decrease up to 25% of the value of goods and services specified in the schedule of requirements without any change in the unit price or other terms and conditions at the time of award of contract.

2.9 FORCE MAJEURE

The supplier shall be exempted from the responsibility for any non-performance arising from a case of force majeure or act of God, hereinafter called force majeure (a) war and (b) earthquake. If such circumstances should arise, the supplier shall inform the purchaser within 72 hours in writing of the existence of the fact before suspending work without penalty on either side from the period of such suspension not exceeding 3 months. Likewise, it must proceed to inform the end of such fact. As soon as the facts constituting a force majeure cease in their effects, the supplier shall restart or continue the fulfillment of its obligations agreed upon. Should suspension of work as explained above exceed three months, the contract shall be violable at the option of either party without penalty on either side.

2.10 DISPUTE RESOLUTION

- 1) The parties to this agreement/contract agree that they shall resolve all disputes or differences whatsoever arising between them under and/or in connection with and/or in respect of this Tender/EOI/Agreement/Purchase Order/MoU through a “Conciliation and Settlement Mechanism (CSM)” and the detailed guidelines/procedure for such CSM is annexed hereto as **Annexure-A**. That it is understood and agreed between the parties that the CSM annexed as **Annexure-A** with the present agreement forms and shall be treated as part and parcel of the present agreement.
- 2) In cases, wherein the contract value/price is less than or equal to Rs. 5 crore (Rupees Five Crore) and the parties fail to resolve such disputes through the conciliation proceedings as provided in sub- clause ‘1’ above, then and only then, the dispute shall be referred to and finally resolved by arbitration administered by the India International Arbitration Centre (“IIAC”) in accordance with the India International Centre (Conduct of Arbitration) Regulations (“IIAC Regulations”) for the time being in force, which regulations are deemed to be incorporated by reference in this clause.. The place/seat of the arbitration proceedings shall be New Delhi, India and the language of the arbitration shall be English. The Tribunal shall consist of one Arbitrator. The Law governing the Arbitration agreement as well as the contract shall be Indian Law.
- 3) For all the contracts other than those mentioned in sub-clause ‘2’ above, the matter shall not be referred to arbitration at all and such disputes, on failure of conciliation proceedings in sub-clause ‘1’ above, shall be resolved under the mechanism provided by the State in form of Courts of Law/Ordinary Civil Courts for resolution of such disputes under applicable Laws.
- 4) The courts at New Delhi shall have exclusive jurisdiction in respect to any dispute pertaining to this agreement.
- 5) The parties shall continue to perform their respective obligations as per the Agreement during the pendency of proceedings under the above clauses.

For Public Sector Undertaking / Government Departments:

In the event of any dispute or difference relating to the interpretation and application of the provisions of commercial contract(s) between Central Public Center Enterprise (CPSEs)/Port Trusts inter se and also between CPSEs and Govt. Depts/ organizations (excluding disputes relating to Railways, Income Tax, Customs & Excise Dept), such dispute or difference shall be taken up by either party for its resolution through AMRCD as mentioned in DPE OM No. DPE-02/0001/2023-AMRCD-FTS-13578 dated 8th December 2025 and the decision of AMRCD on the said dispute will be binding on both the parties.

2.11 FALL CLAUSE

- a) The prices once fixed will remain valid during the scheduled delivery period. Further, if at any time during the contract
 - I. It comes to the notice of purchaser regarding reduction of price for the same or similar equipment/ service
 - And/or
 - II. The prices received in a new tender for the same or similar equipment/service are less than the prices chargeable under the contract.

The purchaser, for the purpose of delivery period extension/during rate contract, if any, will determine and intimate the new price, taking into account various related aspects such as quantity, geographical location etc., and the date of its effect for the balance quantity/ service to the vendor. In case the vendor does not accept the new price to be made applicable during the extended delivery period and the date of its effect, the purchaser shall have the right to terminate the contract without accepting any further supplies. This termination of the contract shall be at the risk and responsibility of the supplier and the purchaser reserves the right to purchase the balance unsupplied quantity/ service at the risk and cost of the defaulting vendor besides considering the forfeiture of his performance security.

- b) The vendor while applying for extension of time for delivery of equipment/services, if any, shall have to provide an undertaking as “We have not reduced the sale price, and/ or offered to sell the same or similar equipment/ service to any person/organization including Department of central/state Government or any central/state PSU at a price lower than the price chargeable under the contract for scheduled delivery period.”

In case undertaking as in (b) above is not applicable, the vendor will give the details of prices, the name(s) of purchaser, quantity etc. to the purchaser, while applying extension of delivery period.

2.12 OFFLINE DOCUMENTS

The bidder should submit all the bid documents online as indicated in the Tender/ EOI schedule. The bidder shall mention the online transaction details (UTR No.) if the Tender Fees/ EMD is paid through online mode. However, if the Tender fees/ EMD is submitted through any other mode (DD/ BG/ FDR/ Insurance Surety Bond etc.), the same shall be submitted in offline mode at the address given below:

Seat no 433, 4th floor, TCIL Bhawan, Greater Kailash-1, New Delhi 110048

2.13 BANNING OF NON-PERFORMING VENDOR

In case any of the vendor's work/PO/agreement is cancelled/terminated by TCIL after award, due to non-performance, the vendor may be banned/blacklisted up to 2 years or action as deemed fit may be taken by TCIL.

2.14 AMENDMENT TO BID DOCUMENTS

- a) At any time, prior to the date of submission of bids, TCIL may for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the bid documents by amendments, which shall be available on TCIL Website and the e-tendering portal.
- b) In order to give the required time to the prospective bidders, in which to take the amendments into action in preparing their bid, TCIL may at its discretion extend the deadline for submission of bid suitably.

2.15 BID PRICE

The prices quoted by the bidder shall remain firm during the entire period of the contract and shall not be subject to variation (unless asked by TCIL). If the bidder has mentioned “at actual”, “extra”, “to be given later” etc. or left blank against the prices of any of the line items of the price BoQ, then the charges for the such items shall be considered as “Zero” and the same shall be a binding on the bidder.

2.16 MODIFICATION AND WITHDRAWAL OF BIDS

- a) Bid withdrawal/modification shall not be allowed after end date and time of bid submission.
- b) Withdrawal of a bid between the deadline for submission of bids and the expiration of the period of bid validity specified in the tender or as extended, may result in the forfeiture of the bid security. Such defaulting bidder is liable to be debarred from participating in future bids for a period of up to 2 years.

2.17 CLARIFICATION OF BIDS

During evaluation of bids, TCIL may at its discretion ask the bidder for clarifications/ confirmations/ deficient documents of its bid. The request for clarification and the response shall be in writing and no change in the price of substance of the bid shall be sought or permitted.

2.18 PURCHASER'S RIGHT TO SEEK QUOTES DIRECTLY FROM OEM

During the EOI/ tender process, TCIL may seek rates directly from OEM(s) or its representative/ distributor for partially or all items of BOQ under this EOI/ NIT.

In addition to seeking rates, TCIL reserves right to place direct purchase order(s) on OEM(s) or its authorized representative(s) / distributor(s) for partially or all items of BOQ under this EOI/ NIT.

2.19 TERMINATION FOR DEFAULT

- a) TCIL may, without prejudice to any other remedy for breach of contract, by written notice of default, sent to the supplier, terminate this contract in whole or in part.
 - if the supplier fails to deliver any or all the services/goods within the time period specified in the contract, or any extension thereof granted by TCIL.
 - if the supplier fails to perform any other obligation(s) under the contract;
 - if the supplier, in either of the above circumstances, does not remedy his failure within a period of 15 days (or such longer period as TCIL may authorize in writing) after receipt of the default notice from TCIL.
 - Failure of the successful bidder to comply with the requirement of submission of performance security shall constitute sufficient ground for cancellation of the award of work and forfeiture of the bid security.
- b) In the event TCIL terminates the contract in whole or in part pursuant to above clause, TCIL may procure, upon such terms and in such manner as it deems appropriate, goods/services similar to those undelivered and the supplier shall be liable to TCIL for any excess cost for such similar goods/services. However, the supplier shall continue the performance of the contract to the extent not terminated.

2.20 TERMINATION FOR INSOLVENCY

TCIL may at any time terminate the contract by giving written notice to the supplier, without compensation to the supplier, if the supplier becomes bankrupt or otherwise insolvent as declared by the competent court; provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to TCIL.

- 2.21 If at any time, any wrong information/ document related with eligibility of the bidder or non-compliance to any terms and conditions of tender comes to the knowledge of TCIL, then TCIL reserves the right to cancel or reject the bid of such bidder or cancel the EOI/ tender or take any other action as deemed fit in accordance with EOI/ tender terms and conditions.

2.22 ADDITIONAL CLAUSES FOR DEBARMENT

- A. A bidder or any of its successor, shall be debarred from participating in any procurement process undertaken by TCIL for a period not exceeding **three (3) years** if he has been convicted of an offence as under:
 - a) under the Prevention of Corruption Act, 1988; or
 - b) the Indian Penal Code or any other law for the time being in force, for causing any loss of life or property or causing a threat to public health as part of execution of a public procurement contract.
- B. A bidder or any of its successor, shall be debarred from participating in any procurement process undertaken by TCIL for a period not exceeding two (2) years if the following code of integrity as per rule 175 of GFRs 2017, is breached:
 1. prohibition of

- a) making offer, solicitation or acceptance of bribe, reward or gift or any material benefit, either directly or indirectly, in exchange for an unfair advantage in the procurement process or to otherwise influence the procurement process.
 - b) any omission, or misrepresentation that may mislead or attempt to mislead so that financial or other benefit may be obtained or an obligation avoided.
 - c) any collusion, bid rigging or anticompetitive behaviour that may impair the transparency, fairness and the progress of the procurement process.
 - d) improper use of information provided by the procuring entity to the bidder with an intent to gain unfair advantage in the procurement process or for personal gain.
 - e) any financial or business transactions between the bidder and any official of the procuring entity related to tender or execution process of contract; which can affect the decision of the procuring entity directly or indirectly.
 - f) any coercion or any threat to impair or harm, directly or indirectly, any party or its property to influence the procurement process.
 - g) Obstruction of any investigation or auditing of a procurement process.
 - h) making false declaration or providing false information for participation in a tender process or to secure a contract;
2. disclosure of conflict of interest.
 3. Disclosure by the bidder of any previous transgressions made in respect of the provisions of sub-clause (1) with any entity in any country during the last three years or of being debarred by any other procuring entity.
- C. A bidder or any of its successor, shall be debarred from participating in any procurement process undertaken by TCIL for a period not exceeding two (2) years if the following is breached:
- (i) If a Bidder withdraws the proposal or increases the quoted prices after opening of the Proposal and during the period of Bid validity period or its extended period, if any.
 - (ii) In case of a successful Bidder, if the Bidder fails to sign the Agreement in accordance with the terms and conditions (including timelines for execution of the Agreement) of this tender or fails to furnish the Performance Security in accordance with the terms and conditions (including timelines for furnishing Performance Security) of this tender.
 - (iii) During the Bid process, if a Bidder indulges in any act as would jeopardize or unnecessarily delay the process of bid evaluation and finalization.
- D. The debarment in all cases shall be automatically extended to all its allied firms. In case a Joint ventures/ Consortium is debarred, all partners shall also stands debarred for a period specified in debarment order. The names of partners should be clearly specified in the debarment order.

2.23 RIGHT TO NEGOTIATION (IN EXCEPTIONAL CASES)

In the event that the critical parameters specified in the contract are altered by the client, thereby potentially impacting the financial outcome/structure of the project, TCIL reserves the right to renegotiate parameters viz. the rates, quantity etc. with the selected vendor. Such negotiations will be undertaken to ensure that the revised terms remain in the financial interest of TCIL. The selected vendor is expected to cooperate in good faith to arrive at mutually agreeable revised parameters viz. rates & quantity aligned with the changed quantities or parameters.”

END OF SECTION-2

SECTION – 3

SPECIAL CONDITIONS OF CONTRACT

(In case clauses/ sub-clauses have any difference mentioned in this EOI/ tender at different places, the conditions mentioned in Section-3 shall prevail. The terms and conditions of Section-3 shall be on back to-back basis based on client's tender)

3.1 PAYMENT TERMS

Payment terms as per Client's Terms and conditions except advance payment.

1. The entire asset's cost will be divided into 20 quarters (5 years).
2. Upon completion of onsite warranty period, CAMC Charges shall be paid on half-yearly basis, subject to satisfactory performance.

Notes:

- i) The bidder shall be bound by the payment terms as per client's tender as specifically mentioned in this EOI/ tender. No relaxation or benefit shall be extended to MSEs in payment as per GoI guidelines if not being in-house procurement of TCIL.
- ii) Payment to the vendor/supplier/partner upon its submitting all required documents showing completion of work as well as the tentative invoice, shall be on a back-to-back basis with the client, i.e. only on client finally certifying, accepting and making payment of the said work done by the vendor/supplier/partner as forwarded by TCIL to the Client, such vendor/supplier/partner shall become eligible for payment. As the work is being executed through vendor/supplier/partner by TCIL, on behalf of the client, the vendor/supplier/partner's eligibility for receiving payment from TCIL shall depend solely upon acceptance of the work, certification of the bill and payment of the certified bill by the client. Entitlement of the vendor/supplier/partner for payment from TCIL regarding the bill raised by it in respect of a particular work would arise within a reasonable time of 15 working days upon receipt of above payments after statutory and contractual deductions by the client and TCIL. Such payments shall also be subject to contractual requirements/payment terms between client and TCIL to which the vendor/supplier/partner shall also be bound. However, in the event client certifies the work for lesser amount, the entitlement of vendor/supplier/partner of TCIL would be only for the certified value of work by the client minus the statutory and contractual deductions as per contract of vendor/supplier/partner with TCIL.

TCIL will make reasonable efforts to secure acceptance and certification of the work and release of the payment by the client, however, any delay on the part of the client in certification and acceptance of the work and release of the payment will not entitle the vendor/supplier/partner to raise claim regarding the same against TCIL.

(The bidder shall submit an undertaking to this effect as per Section-19).

- iii) The bidder and the consortium firm (in case of consortium bid) shall comply with all applicable Indian laws, Payment of Minimum Wages Act, Workmen's Compensation Act, EPF/ESI provisions, and any such statutory provisions, and must furnish undertaking for compliance of the same along with supporting documents, at the time of invoice submission to TCIL.
- iv) Hinderance register, as per project requirements, and as approved by the client, to be maintained by the vendor at each site which shall be jointly signed by the client and the vendor, which may play an important role for consideration of the delays in the project.

3.2 PERFORMANCE SECURITY

- a) The bidder will submit an undertaking to submit back-to-back Performance Security as submitted by TCIL to the end Client if the contract is awarded to TCIL by end Client.
- b) PBG can be submitted in the form of:
- Fixed Deposit Receipt (FDR), or
 - Bankers Cheque, or
 - Bank Guarantee (BG)/ e-BG in the prescribed format from a SFMS enabled Scheduled Commercial Bank through SFMS Platform, or
 - Insurance Surety Bond in the prescribed format.
(BG and Insurance Surety Bond formats given in Section-16).

Name of Beneficiary and its Details	Name	Telecommunications Consultants India Limited
	Address	TCIL Bhawan, Greater Kailash-1, New Delhi-110048
Name of Beneficiary Bank and its Details	Name	ICICI Bank Limited
	Account No	000705005880
	Address	9-A PHELPS Building, Connaught Place, New Delhi- 110001
	Unique Identifier Code	TC503394486 (UID to be mentioned in field 7037 of the BG advising message code)
	IFS Code	ICIC0000007

- c) The proceeds of Performance Security shall be payable to TCIL in case of breach of any of the terms and conditions of the contract/PO/tender by the vendor. Recovery/adjustment due to LD or any other loss to TCIL shall be in addition to point (f).
- d) The Performance Security will be discharged by TCIL after completion of supplier's obligations, including any warranty obligations, under the contract.
- e) Performance Security should be valid till *[should be valid as per client's tender requirement in case of pre-tender tie-up] [in case of in-house procurement, Performance Security / BG shall be valid till the contractual obligations]*. The Performance Security shall be refunded once the performance security of TCIL is returned by the client.
- f) Failure of the successful bidder to submit the Performance Security or bidders' failure to complete its obligations under the contract shall constitute sufficient ground for the annulment of the award / cancellation of the award of work and forfeiture of the Bid Security / Performance Security. Additionally, TCIL reserves the right to debar such defaulting bidder from participating in future bids for a period up to 2 years.

3.3 ACCEPTANCE OF DELAYED PERFORMANCE SECURITY

- a) Performance Security shall be submitted within 15 days from the date of LOI/PO/contract (whichever is earlier). In the event of a delay in submission of Performance Security beyond the stipulated timeline, the Purchaser/Procuring Entity may, at its sole discretion, accept the delayed submission under the following conditions:
- i. The vendor provides valid justification for the delay in writing, which is deemed acceptable by the Purchaser.
 - ii. The vendor submits a request for extension before the expiry of the original deadline.
- b) If the delayed Performance Security is accepted, the Purchaser reserves the right to take following actions:

- i. Withholding the payments due to the vendor under any other LOA/PO/WO/Agreement, until compliance is ensured.
 - ii. Any other remedial measures as deemed appropriate.
- c) If the Performance Security is not submitted within the extended period, the Purchaser may initiate other actions as per the tender/EOI terms, including termination of the contract.
- d) The decision of the Purchaser regarding the acceptance or rejection of delayed Performance Security shall be final and binding.

3.4 PRICE BASIS

As per Client's Terms and conditions

3.5 PAYING AUTHORITY

JGM, TCIL
TCIL Bhawan, GK-1, New Delhi 110048

3.6 INSURANCE

As per Client's Terms and conditions (in case not specified in client tender bidder has to take insurance of Total contract value of TCIL for the entire project duration.)

3.7 DELIVERY / IMPLEMENTATION SCHEDULE

As per Client's Terms and conditions

3.8 WARRANTY

As per Client's Terms and conditions

3.9 PERIOD OF CONTRACT

As per Client's Terms and conditions

3.10 TERMINATION OF CONTRACT

As per Client's Terms and conditions

3.11 PENALTY

As per Client's Terms and conditions

3.12 SLA

As per Client's Terms and conditions

3.13 UPTIME

As per Client's Terms and conditions

3.14 LIQUIDATED DAMAGES

As per Client's Terms and conditions.

Liquidated Damages, wherever referred under this EOI/ Tender/ Agreement, shall mean and refer to the damages, not in the nature of penalty, which the supplier agrees to pay in the event of delay in

delivery of stores, installation, commissioning, breach of contract etc. as the case may be. Liquidated Damages is not a penalty but is a sum which is agreed by the parties as a reasonable and genuine pre-estimate of damages which will be suffered by the purchaser on account of delay/breach on the part of the supplier.

3.13.1 The date of delivery of the stores and Installation and/or Commissioning stipulated in the acceptance of the tender should be deemed to be the essence of the contract and delivery must be completed not later than the dates specified therein. Extension will not be given except in exceptional circumstances subject to conditions as enumerated in the contract/tender including levying of Liquidated Damages in terms of Clause 3.13.2 below.

3.13.2 While granting extension of delivery period as per tender terms, the liquidated damages shall be levied as follows:

- i. **For delivery of stores:** Should the supplier fails to deliver the store or any consignment thereof within the period prescribed and agreed for delivery, the purchaser, without prejudice to other remedies available to the purchaser shall be entitled to recover Liquidated Damages, for breach of contract, a sum equivalent to 0.5% of the value of the delayed supply and/ or undelivered material/ supply for each week of delay or part thereof for a period up to eight (8) weeks, and thereafter at the rate of 1.0% of the value supply and/ or undelivered material/ supply for each week of delay or part thereof for another eight (8) weeks of delay.
 - ii. **Installation & Commissioning:** Should the supplier fail to install and commissioning the project with the stipulated time the purchaser shall be entitled to recover Liquidated Damages, 0.5% of the value of the purchase order for each week of delay or part thereof for a period up to eight (8) weeks and thereafter at the rate of 1.0% of the value of the purchase order for each week of delay or part thereof or another eight (8) weeks of delay. In cases where the delay affects installation/commissioning of only a part of the project and part of the equipment is already in commercial use, then in such cases, LD shall be levied on the affected part of the project.
 - iii. Provisions contained in clause 3.13.2(a) (i) shall not be applicable for durations (periods) which attract LD against clause 3.13.2(a) (ii) above.
- 3.13.3 In the case of package supply/ turnkey projects when the delayed portion of the supply materially hampers installation and commissioning of the systems, LD charges shall be levied on the total value of the concerned package.
- 3.13.4 Quantum of LD assessed and levied by the purchaser and decision of the purchaser thereon shall be final and binding on the supplier, further the same shall not be challenged by the supplier either before Arbitration tribunal or before the court. The same shall stand specifically excluded from the purview of the arbitration clause, as such shall not be referable to arbitration.
- 3.13.5 The total value of the liquidated damages as per above sub-clauses shall be limited to a maximum of 12% (Twelve percent), i.e. LD shall be levied up to 16 weeks only as per provision at Para (a).
- 3.13.6 The Liquidated Damages shall be calculated on the all-inclusive Price CIF-destination inclusive of Freight, Forwarding Packing, insurance, any other incidental charges and other non-creditable taxes after discount, if any but excluding GST and other creditable taxes. GST on LD shall be calculated as per GST rule applicable from time to time.
- 3.13.7 If the deliveries are made after expiry of the contracted delivery period, without prior concurrence of the purchaser and accepted by the consignee, such delivery will not deprive the purchaser of its right to recover liquidated damages under clause 3.13.2 above.

- 3.13.8 In cases where the scheduled delivery period is distributed month-wise or is in installments, liquidated damages shall be imposed for delay in each scheduled month/ installment. Liquidated damages shall be calculated separately for quantities to be supplied in every month/ installment and the corresponding delay. If the supplier supplies full quantity before the expiry of the scheduled delivery period of the last month/ installment but there is delay in month-wise/ installment-wise supply, then also liquidated damages shall be levied on the supplies against the earlier months/ installments that have been delayed. Twenty (20) weeks for the purpose of additional BG and grant of DP extension shall be counted from the last month/ installment.
- 3.13.9 Notwithstanding anything contained in this Agreement or any other agreement between the parties, the Purchaser may, without prejudice to its right to effect recovery by any other method, deduct the amount of Liquidated Damages from any money belonging to the supplier in its hand in relation to this or any other contract between the parties (which includes purchaser's right to claim such amount against invoices raised by the supplier or Bank Guarantees submitted by the supplier under this Contract or any other contract) or which may become due to the supplier. Any such recovery of Liquidated Damages shall not in any way relieve the supplier from any of its obligations to complete the Works or from any other obligation and liabilities under the Contract.
- 3.13.10 To facilitate recovery of Liquidated Damages from the invoices raised by the supplier, the Credit Note shall be issued by the supplier, failing which the purchaser shall adjust the amount to be recovered from the pending payments by issuing an invoice/debit note for the corresponding amount, at the risk and cost to the supplier including applicable GST, interest and penalty, if any.

3.15 TAXES (GST)

GST invoice / Debit Note / Credit Note:

- a. It shall be the responsibility of Bidder / Supplier / Contractor / Vendor to raise Tax Invoice (e-invoice wherever applicable) as per the provisions of GST Laws and send to TCIL promptly.
- b. The Bidder / Supplier / Contractor / Vendor shall ensure that Tax Invoice contains all the requirements as per GST Law from time to time, for e.g. E-Way bill along with transportation details etc., wherever applicable. TCIL GST Number to be mentioned on the Invoices as advised by TCIL, etc.
- c. The Bidder / Supplier / Contractor / Vendor shall ensure to issue Debit / Credit Note (wherever applicable) as prescribed under GST Act and send to TCIL within the prescribed time limit. All documents should be received well in advance so as to enable TCIL to claim eligible credit.

GST Compliances:

- d. The Bidder / Supplier / Contractor / Vendor shall ensure
 - To issue Tax Invoice / Debit Notes / Credit Notes to enable TCIL to claim tax benefit on or before the stipulated time period provided by the GST law.
 - To file its GST Returns (GSTR – 1 and GSTR – 3B) within the time limits prescribed in GST Laws with all Debit and Credit Note details, so as to ensure availing ITC Credit of GST by TCIL.
 - To declare correct information on invoice and GSTN viz. the amount, the place of supply, rate of tax etc.
 - To issue all Tax Invoices / Debit Notes / Credit Notes to the registered premise of TCIL for availing of credit and ensure that the place of supply as per GST law is same as registered premise of TCIL.
- e. The Bidder / Supplier / Contractor / Vendor shall ensure to keep its GST Numbers active at all times and in case the same is blacklisted, cancelled or blocked etc by GST Authorities, the same needs to be promptly intimated to TCIL.

Tax Indemnity:

- f. There should not be any loss of ITC of GST to TCIL due to default of bidder. In case of any financial loss including interest, same will be recovered from the Bidder / Supplier / Contractor / Vendor for delay / non-compliance on the part of the Bidder / Supplier / Contractor / Vendor.
- g. In case, the eligibility of ITC of GST is questioned or denied to TCIL on account of default by the Bidder, the same would be recovered by TCIL from the Bidder / Supplier / Contractor / Vendor.
- h. No payment shall be made by TCIL against Performa Invoice issued by Bidder / Supplier / Contractor / Vendor. Payment will be made only against Valid Tax Invoice as per GST Laws.
- i. In case of delay in deposit of Tax & filling GSTR-1 by the Bidder / Supplier / Contractor / Vendor, the input tax credit will not be available to TCIL and as a result TCIL to pay the total output tax without availing input tax credit and in such case the financial loss including interest shall be recovered from the Bidder / Supplier / Contractor / Vendor.

Documents:

- j. Self-declaration along with evidence that the Bidder / Supplier / Contractor / Vendor is not blacklisted.
- k. An undertaking from the Bidder / Supplier / Contractor / Vendor that information provided by him is correct and in case of any loss, the Bidder / Supplier / Contractor / Vendor is fully responsible.

3.16 RELEASE OF GST PAYMENT ALONG WITH PAYMENT OF RA BILL

- a) In all projects, where running bill continue to be raised periodically, GST shall be paid along with running bill but amount equivalent to GST of previous RA bill as well as current RA shall be withheld if GST of previous bill is not paid/reflecting at time of payment of next (current) RA bill.
- b) At the time of final bill of the project, GST shall be paid only if payment of all GST dues of the project by vendor is visible in GST portal.
- c) The above shall be applicable for all projects involving payment in multiple trenches (Running bill).

END OF SECTION-3

SECTION-4

SCOPE OF WORK & TECHNICAL SPECIFICATIONS

- Scope of work:
 - a) Supply, installation, operation, and maintenance of IP cameras, servers, storage, network, and manpower under a lease-cum-service model for a period of 5 years from Go-Live.
 - b) Replacement of three IP cameras in each of the 590 Sub-Registrar Offices, with centralized viewing and monitoring facilities at the IGR Office and 11 Zonal DIG Offices.
 - c) Provision of NVR-based recording, centralized storage with 12 months retention, motion-based recording, and sharing of video links through WhatsApp gateway services.
 - d) Supply of required IT infrastructure, including desktops, NVRs, UPS with backup, LAN creation, ISP integration, and network monitoring with daily uptime reports.
 - e) Maintenance of earlier Phase-II cameras under AMC, availability of standby spares, and deployment of trained operators and technical manpower to ensure uninterrupted operations.

For detailed scope of work please refer client tender ref: E-ANGADI-ST-CT02-2026-0019-2 for Tender for Supply, Installation, Commissioning and Maintenance of CCTV Systems for IGR 3.0 project under Lease cum Service model for a period of 5 years.

Note:

- **1. Bidder has to submit all the necessary documents asked in client tender for consortium partner.**

END OF SECTION-4

SECTION-5**PROJECT EXPERIENCE**

S. No	Item	Details
General Information		
1	Customer Name/Government Department	
2	Name of the Contact Person and Contact details for the Project	
Brief Description of scope of Project		
Size of the Project		
3	Contract Value of the Project (in crore) excluding taxes	
4	Contract Value of the Project (in crore) including taxes	
Project Details		
5	Name of the Project	
6	Start Date & End Date	
7	Current Status (work in progress in %, completed)	
8	Contract Tenure	
9	Type of Project	

END OF SECTION-5

SECTION – 6**PRICE BID SCHEDULE**

To: [Head of Department]

Dear Sir,

We, the undersigned, offer to provide the [Insert title of assignment] against your EOI No. [Insert EOI No.] dated [Insert Date]. Our attached Financial Proposal is for the sum of [Insert amount(s) in words and figures1].

Yours sincerely,

Authorized Signature [*In full and initials*]: _____

Name and Title of Signatory: _____

Name of Firm: _____

Address: _____

[insert price bid format]

Note 1: The bidder to provide un-priced Price-Bid along with Technical bid.

Notes2:

- a) Lowest Bid will be on the basis of Grand Total.
- b) Bidder shall mandatorily mention the applicable HSN/SAC codes (at least 6-digits) against all the quoted items.
- c) In case of change in rate due to change in Taxes/Duties the rate shall be applicable on pro-rata basis based on actual nos. of applicable days.
- d) Before submitting their duly filled “Price Bid Schedule & BOQ” the bidders should ensure that they do not enter any comments such as ‘As per Actuals’, ‘Will be Intimated Later’. ‘Extra’ etc. If bidder uses these types of comments in their price bid, or if the charges for any item is left blank, then the charges for the such items shall be considered as “Zero” and the same shall be a binding on the bidder.
- e) The bidder must specify the make of each product / line items of the BOQ in the price bid.
- f) The requirements/ quantity mentioned above are indicative & may vary as per the actual requirements.

END OF SECTION-6

SECTION-7

MANUFACTURER'S AUTHORISATION FORM

As per client tender

END OF SECTION-7

SECTION - 8**BID SECURITY / EARNEST MONEY DEPOSIT (EMD) FORMATS****A. BANK GUARANTEE (BG) - EMD FORMAT**

Whereas (hereinafter called “the Bidder”) has submitted its bid dated For the supply of Vide Tender No. dated KNOW ALL MEN by these presents that WE OF Having our registered office at (hereinafter called “the Bank”) are bound unto Telecommunications Consultants India Limited (hereinafter called “the Purchaser”) in the sum of Rs. for which payment will and truly to be made of the said Purchaser, the Bank binds itself, its successors and assigns by these present.

THE CONDITIONS of the obligation are:

1. If the Bidder withdraws his bid during the period of bid validity specified by the Bidder on the Bid form or
2. If the Bidder, having been notified of the acceptance of his bid by the Purchaser during the period of bid validity
 - (i) fails or refuses to execute the Contract, if required; or
 - (ii) The successful bidder fails to submit performance security within the prescribed time or
 - (iii) The proceeds of EMD shall be payable to TCIL in case of breach of any of the terms and conditions of the contract / PO / tender by the vendor.

We undertake to pay to the Purchaser up to the above amount upon receipt of its first written demand, without the purchaser having to substantiate its demand, provided that in its demand, the purchaser will note that the amount claimed by it is due to it owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including THIRTY (30) days after the Period of bid validity and any demand in respect thereof should reach the Bank not later than the specified date/dates.

Name & Signature of witness

Address of witness

Signature of the Bank Authority

Name

Signed in Capacity of

Full address of Branch

Tel No. of Branch

Fax No. of Branch

B. INSURANCE SURETY BOND – EMD FORMAT

(To be stamped in accordance with Stamp Act of India)

(TO BE ISSUED FROM A DELHI BRANCH)

This BOND is made as a deed AMONG the following parties

The “Bidder” as contractor..... (name and address)

The “Surety Insurer” as guarantor (name and address) and “Purchaser” as Telecommunications Consultants India Limited, (TCIL), TCIL Bhawan, Greater Kailash -I, New Delhi 110048

Whereas (hereinafter called “the Bidder”) has submitted its bid dated for the vide Tender No. dated

KNOW ALL MEN by these presents that We Of Having our registered office at (hereinafter called “the Surety Insurer”) irrevocably, unconditionally and without reservation guarantee the due and faithful fulfilment and compliance of the terms and conditions of the Bidding Documents and the RFP Document by the Bidder and are irrevocably and unconditionally bound unto Telecommunications Consultants India Limited (hereinafter called “the Purchaser”) to the sum of Rs. for which payment will and truly to be made of the said Purchaser, the Surety Insurer binds itself, its successors and assigns by these present.

THE CONDITIONS of the obligation are:

1. If the Bidder withdraws his bid during the period of bid validity specified by the Bidder on the Bid form or
2. If the Bidder, having been notified of the acceptance of his bid by the Purchaser during the period of bid validity
 - i. Fails or refuses to execute the Contract, if required; or
 - ii. The successful bidder fails to submit performance guarantee / security within the prescribed time.
or
 - iii. The proceeds of Surety Bond (EMD) shall be payable to TCIL in case of breach of any of the terms and conditions of the tender by the bidder.

We, the Surety Insurer, undertake to immediately and forthwith pay to the Purchaser up to the above amount upon receipt of its first written demand, without the purchaser having to substantiate its demand, provided that in its demand, the purchaser will note that the amount claimed by it is due to it owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

The Surety Bond shall not be affected by any change in the constitution or winding up of the Bidder or the Surety Insurer or any absorption, merger or amalgamation of the Bidder or the Surety Insurer with any other person.

This Surety Bond will remain in force up to and including THIRTY (30) days after the period of bid validity and any demand in respect thereof should reach the Surety Insurer not later than the specified date/dates. TCIL shall have the fullest liberty without affecting in any way the liability of the Surety Insurer under this Surety Bond from time to time to vary any of the terms and conditions in the said Bidding Documents or to extend time for submission of the Bids or the bid validity period or the period for fulfilment and compliance with all or any of the terms and conditions contained in the said Bidding Documents by the said Bidder and the Surety Insurer shall not be released from its liability under these presents by any exercise by the TCIL of the liberty as aforesaid or any other matter or thing whatsoever which under the law relating to sureties would but for this provision have the effect of releasing the Surety Insurer from its such liability.

The parties acknowledge and agree that neither this Surety Bond nor any obligations hereunder are transferable or assignable.

The Surety Insurer declares that this Insurance Surety Bond is issued as per applicable rules and regulations of Insurance Regulatory Development Authority of India (IRDAI).

Name & Signature of witness

Address of witness

Signature of the authorized Surety Insurer

Name

Signed in Capacity of

Full address of Branch

Tel No. of Branch

Fax No. / email of Branch

Notes:

- 1) The Insurance Surety Bond shall be from an Insurer as per guidelines issued by Insurance Regulatory and Development Authority of India (IRDAI).
- 2) The Insurance Surety Bond should be on non-judicial stamp paper/e-stamp paper of appropriate value as per Stamp Act prevailing in the state(s).
- 3) The executing officer of the Surety Bond will indicate his name, designation, and Power of Attorney No. on last page of the Surety Bond.

END OF SECTION-8

SECTION-9**AUTHORIZATION LETTER****Format for Authorization letter to be submitted by Bidder**

Know all men by these presents that we (name of Company) _____, incorporated in India under the Companies Act, 1956 and having its Registered Office at _____. (India) ("Hereinafter called the Company") DOTH hereby nominate, constitute and appoint (Name, Designation) _____, S/o _____ to be true and lawful authorized signatory in fact and at law of the Company for and in the name and on behalf of the Company, to do, execute and perform all or any of the following acts, deeds, matters and things namely:-

1. To represent the Company to all intents and purposes in connection with the matters pertaining to signing & submission of (EOI No, EOI Date, EOI Description) _____, _____, _____ and all affairs ancillary or incidental thereto.
2. AND the Company hereby agrees that all acts, deeds and things lawfully done by the said authorized signatory shall be construed as acts, deeds and things done by the Company itself and the Company hereby undertakes to ratify and confirm all and whatever its authorized signatory shall lawfully do or cause to be done for and on behalf of the Company by virtue of the powers hereby given.

In witness whereof (Name , Designation) _____, _____ of the Company acting for and on behalf of the Company under the authority conferred by the Board of Directors of the Company in its _____ meeting held on (Date) _____ has signed this Authorization Letter at (place) _____ on this (Date) _____.

The signatures of (Name, Designation) _____ given below are hereby certified.

Signature: _____

Signature of (Name, Designation) _____

CERTIFIED

Signature: _____

WITNESS:

Signature: _____

(Name, Designation): _____

END OF SECTION-9

SECTION-10**MAKE IN INDIA UNDERTAKING**

(Formats available in client's tender shall prevail. To be submitted by OEMs for submission in client's tender)

A. Bidder shall furnish following self-certificate on its letter head along with their techno-commercial bid.

"We M/s _____ (Name of bidder) hereby certify that we meet the mandatory minimum Local Content requirements of the Tender of equal to or more than 50% (for Class-I) / greater than 20% and less than 50% (for Class-II) (in value terms) quoted vide our offer No. _____ dated _____ against Tender No. _____ dated _____. Given below are the list of items (goods and services) which meets the Local Content Criteria. along with details of the location(s) at which the local value addition is made in respective items (goods and services)"

S#	Description of Items / Products / services	Make	Model	location(s) at which the local value addition is made

B. If value of procurement is more than INR 10 Crore, above undertaking shall be supported by the following certificate from Statutory Auditor or cost auditor of the company (in case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies giving the percentage of local content, on the letter head of such Statutory Auditor.

"We _____ the statutory auditor of M/s. _____ (name of the bidder) hereby certify that M/s. _____ (name of bidder) meet the mandatory Local Content requirements of the Project Work under this Tender i.e. equal to or more than 50% (for Class-I) / greater than 20% and less than 50% (for Class-II) (in value terms) quoted vide offer No. _____ dated _____ against TCIL Tender No. ----- dated ---- by M/s. _____ (Name of the bidder).

(Note: In case of bidder(s) for whom Statutory Auditor is not required as per law, required certificates shall be provided by a practicing Chartered Accountant.)

C. CALCULATION OF LOCAL CONTENT

Sl. No.	Description of the Item	Qty	Unit	Basic Rate W/o Tax (INR)		Total Cost W/o Tax (INR)		Domestic + Imported
				Domestic (Excluding net Domestic indirect Taxes)	Imported (Including All Custom Duties)	Domestic (Excluding net Domestic indirect Taxes)	Imported (Including All Custom Duties)	
			a	b	c	d=a*b	e=a*c	f=d+e
1	Item Description	1	Nos					
2	Item Description	1						
3	Total				-		-	

% of Local Content = (Total Cost Domestic 3(d) / Total Cost (domestic + Imported) (3 (f))) * 100

(To be used by bidder for their internal calculation and to submit if demanded by TCIL at any stage)

D. FORMAT OF SELF CERTIFICATION REGARDING LOCAL CONTENT (LC) FOR TELECOM PRODUCTS, SERVICES OR WORKS

(DoT's latest order/notification may be referred at <https://dot.gov.in/public-procurement-preference-make-india>)

(To be submitted on non-judicial stamp paper of the value Rs 100/-)

I _____ S/o, D/o, W/o, Resident of _____ do hereby solemnly affirm and declare as under:

That I agree to abide by the terms and conditions of Department of Telecommunications, Government of India issued vide Notification No: _____ dated _____.

That the information furnished hereinafter is correct to the best of my knowledge and belief and I undertake to produce relevant records before the procuring entity or any other authority so nominated by the Department of Telecommunications, Government of India for the purpose of assessing the LC.

That the LC for all inputs which constitute the said Telecom Product/Services/Works has been verified by me and I am responsible for the correctness of the claims made therein.

That in the event of the LC of the Telecom Product/Services/Works mentioned herein is found to be incorrect and not meeting the prescribed LC norms, based on the assessment of an authority so nominated by the Department of Telecommunications, Government of India, I and my Statutory auditor or cost auditor (if applicable) will be liable for actions as specified in Clause (9) of the DPIIT PPP-MII Order dated 19.07.2024 for all incorrect/false facts and figures.

I agree to maintain detailed breakup / information (separately for each product) to substantiate my claim for LC in the Company's record for a period of 2 years and shall make this available for verification to any authority. I shall also maintain records of local content pertaining to items bought from other domestic manufacturers / traders.

[Please provide following information]

Name and details of the local supplier (Registered Office, Manufacturing unit location, nature of legal entity)

Date on which this certificate is issued

Telecom Product/Services/Works for which the certificate is produced.

Procuring agency to whom the certificate is furnished.

Percentage of LC claimed.

Name and contact details of the unit of the manufacturer.

Sale Price of the product.

Ex-Factory Price of the product.

Freight, insurance and handling.

Total Bill of Material.

List and total cost value of inputs used for manufacture of the Telecom product/Services/Works.

List and total cost of inputs which are locally sourced. Please attach LC certificates from local suppliers, if the input is not produced in-house.

List and cost of inputs which are imported, directly or indirectly

I hereby certify that, having read all the provisions of the above order and principles / basis of calculations, the local content calculation does not include the following:

Imported items sourced locally from resellers/distributors.

The license fees / royalties paid/ technical charges paid out of India.

Procurement / supply of repackaged / refurbished/rebranded imported products

I hereby also certify to the best of my knowledge and belief that all the particulars furnished above are correct and complete. I agree to comply with the terms and conditions of the DPIIT PPP-MII order dated 19.07.2024 and DoT PPPMII Notification dated.....

I understand that any incorrect declaration regarding the local content or failure to substantiate the claim of LC will result in penalties as specified in Clause (9) of the DPIIT PPP-MII Order dated 19.07.2024. I further certify and take personal responsibility that I have applied my mind to the calculations and principles of LC as specified in this order and I shall, having declared the LC shall not seek recourse to change it on any ground. Any changes made by me on any grounds in a bid in LC after bid submission shall make my bid non-responsive and I shall hold myself liable for civil/criminal action arising out of any such change. I understand and agree that any such post bid change in LC content shall also be a valid ground for blacklisting of the firm from future contracts/bids.

Signature:

Name:

Designation: CEO/MD

Address:

Email Address:

Mobile No.:

Place:

Date:

Notes:

1. During project execution for contracts > INR 10 Cr, contractor shall submit local content certificate, duly certified by practicing cost / chartered accountant. If not possible during project execution, the certificate by practicing cost / chartered accountant shall be submitted after project completion.
2. If the stipulated local content requirements are not met or the 'Class' of the supplier is downgraded, penalty up to 10% of contract value may be imposed. Contract shall not be terminated on this account.
3. Decisions on complaints shall be from the Competent Authority. False Declaration shall be handled as per breach of Code of Integrity.
4. Manufacturers manufacturing under Production Linked Incentive (PLI) Scheme shall be treated as deemed as Class-II suppliers, unless they meet Class-I min. local content for that item. This shall be applicable for specific time period only (as notified).

END OF SECTION-10

SECTION-11**NO-CONVICTION CERTIFICATE****[To be submitted on the Letterhead of the Bidder]**

Offer No.: _____

Date: _____

To
[Head of Department]
Telecommunications Consultants India Limited,
TCIL Bhawan, Greater Kailash-I,
New Delhi-110 048 (INDIA)

Sub: Self Declaration of not been blacklisted for [EOI/ NIT No.] dated [EOI/ NIT date] for [EOI description]

Dear Sir,

This is to notify you that our Firm /Company/ Organization <**provide Name of the Firm/ Company/ Organization**> intends to submit a proposal in response to the subject EOI/ NIT.

In accordance with the above, we declare that:

- a. We are not involved in any major litigation that may have an impact of affecting or compromising the delivery of goods / services as required under the subject EOI/ NIT.
- b. We are neither banned/ debarred/ blacklisted/ put on holiday list nor action for banning / debarment / blacklisting / holiday listing has been initiated by any Central/ State Government/ agency of Central/ State Government of India or any other country in the world/ Public Sector Undertaking/ any Regulatory Authorities in India or any other country in the world for any kind of fraudulent activities on any ground including but not limited to indulgence in corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice as on date of submission of the Bid.

Yours sincerely,

(Signature of the Authorized signatory of the Bidding Organization)

Name:

Designation:

Contact details (including E-mail):

Business Address:

Date:

Seal:

END OF SECTION-11

SECTION-12**UNDERTAKING AS PER ELIGIBILITY CRITERIA REQUIREMENT**

Sub: Undertaking as per Eligibility Conditions in EOI No. _____ dated _____

We, [name of the bidder], hereby undertake that:

- i. We are not insolvent, in receivership, bankrupt or being wound up, not have had our business activities suspended and not be the subject of legal proceedings for any of the foregoing.
- ii. In reference to the Government of India, Ministry of Finance, Department of Expenditure, Office Memorandum No. F.No. 6/18/2019-PPD, Dated 23-07-2020 (and its amendments as issued from time to time), we hereby submit that:
We have read the Clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; We certify that we (in case of Consortium all the Consortium Partners) are not from such a country *or their beneficial owner is not from such a country or we will not sub-contract any work to a contractor from such countries*, if from such a country, have been registered with the Competent Authority.
We hereby certify that we (in case of Consortium all the Consortium Partners) fulfill all requirements in this regard and are eligible to be considered.
[Where applicable, evidence of valid registration by the Competent Authority shall be attached.]

This undertaking from the OEMs for submission in TCIL's bid against the client's tender (enclosed)

OR

We declare that the undertaking from the OEMs for submission in TCIL's bid against the client's tender shall be submitted before opening of financial bid.

- iii. TCIL has not cancelled any Purchase Order(s) for any Project which was placed on us, on risk & cost basis for non-performance or non-submission of performance guarantee in the last 2 years.
- iv. In compliance to Ministry of Skill Development and Entrepreneurship (MSDE) D.O dated 12.09.2022, we hereby undertake that we shall provide formally certified skilled workforce or we commit to the effect that we would ensure that all our workers would be skilled through Recognition of Prior Learning (RPL) within two months from the date of commencement of work under the project, at our own cost.
- v. All the documents/ certificates/ information submitted by us against this EOI are genuine.
- vi. We shall comply with all applicable Indian Labour laws, Payment of Minimum Wages Act, Workman's Compensation Act, EPF/ESI provisions and any such statutory provisions. In case we are found to be not complying to any of the relevant statutory requirement, action as deemed fit may be initiated by TCIL at its sole discretion.
- vii. We hereby declare that our bid has No-Deviation against TCIL's EOI and Client's tender [client tender no. & date). Compliance statement from OEMs is enclosed.
- viii. *The Manufacturer's Authorization Certificate in the name of TCIL for submission in the client's tender is/are enclosed.*

OR

We shall submit the Manufacturer's Authorization Certificate in the name of TCIL for submission in the client's tender before opening the financial bid.

(Signature of the Authorized signatory)

END OF SECTION-12

SECTION-13**BID SUBMISSION FORM**

Offer No.:

Date:

To: [Head of Department], TCIL

Dear Sir,

In response to your Tender No. _____, we hereby submit our offer herewith.

1. Bidder Name : _____
2. Website Address : _____
3. Email Address : _____
4. Address for Communication : _____

5. Telephone Number : _____
6. Fax/Telefax Number : _____
7. Authorized Person -

Name	:	_____
Designation	:	_____
Mobile No.	:	_____
Email ID	:	_____
8. Alternate Person

Name:	:	_____
Designation	:	_____
Mobile No.	:	_____
Email ID	:	_____
9. PAN Number : _____
10. GST Regn. No. with Address : _____

11. Beneficiary's complete Bank Details.

Bank Account No.	:	_____
IFSC / NEFT Code	:	_____
Name of the Bank	:	_____
Address of the Branch	:	_____
12. Particulars of EMD

Amount	:	Rs. _____
Mode of Payment (DD/BG)	:	_____
DD/BG No.	:	_____
Date	:	_____
Name of the Bank	:	_____
Address of the Bank	:	_____
Validity of BG	:	_____
13. Particulars of Tender Fee

Amount	:	Rs. _____
--------	---	-----------

DD No. : _____
 Date : _____
 Name of the Bank : _____
 Address of the Bank : _____

14. Turnover of the Bidder in last 3 years:

Year	Year Annual Report attached at Page No.	Turnover in Rs. (Lakh)
Average Turnover		

15. Are you a MSME Unit. If yes, please furnish Registration Details, Name of the DIC/State.

16. If you are MSME, is it owned by SC/ST Entrepreneurs or Women Entrepreneurs? If Yes, please specify the Name of the Owner who is SC or ST or Women Entrepreneur (as applicable).

17. Following Documents are submitted to substantiate other eligibility criteria.

i) _____

ii) _____

iii) _____

DECLARATION

- We have read and understood the terms & conditions of the above-mentioned tender and comply to all Terms & Conditions of the Tender.
(In case of any deviation, the Bidder must attach a separate sheet clearly mentioning the Clause No. of the Tender and Deviation thereto)
- We certify that the information mentioned above are true and correct to best of our knowledge.

Place:
Date:

Signature of Authorized Signatory with Seal
Name:
Designation:

END OF SECTION -13

SECTION-14**EOI CHECKLIST**

Sl.	Document	Submitted (Yes or No)
1	Tender Fee (if applicable)	
2	EMD (BG / DD / NEFT / Insurance Surety Bond / FDR etc.)	
3	For MSE Exemption, Udyam Registration Certificate and Statutory Auditor Certificate for Investment in Plant and Machinery.	
4	For Start-Up Exemption, DPIIT certificate	
5	Authorization Letter/Board Resolution (for bid signing authority)	
6	Make in India Undertaking	
7	Certificate of Incorporation/ Registration/ Partnership Deed or any other	
8	Documents against Financial Eligibility Criteria	
9	Documents against Similar Work Experience Eligibility Criteria	
10	PAN & GST Registration Certificate (or undertaking, if applicable)	
11	Manufacturer's Authorization Certificate (MAF) or undertaking, as applicable	
12	Undertaking against Eligibility Criteria Requirements	
13	No-Conviction Certificate	
14	PF Registration	
15	Undertaking for Local Office (if applicable)	
16	Consortium Agreement (if applicable)	
17	Technical Brochure and Data-Sheets	
18	Integrity Pact document (if applicable)	
17	Bid Submission Form	
18	NDA (if applicable)	
19	Undertaking for submission of performance security	
20	Undertaking by MSME bidders regarding registration on TReDS and Samadhan portal	
21	Undertaking for back-to-back Payment Terms	
22	Any other undertaking/ document as per EOI/ NIT.	

END OF SECTION-14

SECTION-15

RATE CONTRACT

NOT APPLICABLE

END OF SECTION-15

SECTION -16**PERFORMANCE SECURITY FORMAT****A. PERFORMANCE BANK GUARANTEE (PBG) FORMAT****(TO BE ISSUED BY A DELHI BRANCH)**

**M/s Telecommunications Consultants India Ltd.,
TCIL Bhawan, Greater Kailash-I
New Delhi – 110 048 (INDIA)**

(With due stamp duty if applicable)

OUR LETTER OF GUARANTEE No: _____

In consideration of TELECOMMUNICATIONS CONSULTANTS INDIA LIMITED, having its office at TCIL Bhawan, Greater Kailash-I, New Delhi – 110 048 (INDIA) (hereinafter referred to as “TCIL” which expression shall unless repugnant to the content or meaning thereof include all its successors, administrators and executors) and having entered into an agreement dated _____/issued Purchase Order No. _____ dated _____ with/on _____ M/s _____ (hereinafter referred to as “The Supplier” which expression unless repugnant to the content or meaning thereof, shall include all the successors, administrators, and executors).

WHEREAS the Supplier having unequivocally accepted to supply the materials/Services as per terms and conditions given in the Agreement dated _____/Purchase Order No. _____ dated _____ and TCIL having agreed that the Supplier shall furnish to TCIL a Performance Guarantee for the faithful performance of the entire contract, to the extent of 10% (ten percent) of the value of the Purchase Order i.e. for _____.

We, _____ (“The Bank”) which shall include OUR successors, administrators and executors herewith establish an irrevocable Letter of Guarantee No. _____ in your favour for account of _____ (The Supplier) in cover of performance guarantee in accordance with the terms and conditions of the Agreement/Purchase Order.

Hereby, we undertake to pay up to but not exceeding _____ (say _____ only) upon receipt by us of your first written demand accompanied by your declaration stating that the amount claimed is due by reason of the Supplier having failed to perform the Agreement and despite any contestation on the part of above named supplier.

The proceed of performance security shall be payable to TCIL in case of breach of any of the terms and conditions of the contract/PO/tender by the vendor.

This Letter of Guarantee will expire on _____ including 30 days of claim period and any claims made hereunder must be received by us on or before expiry date after which date this Letter of Guarantee will become of no effect whatsoever whether returned to us or not.

Authorized Signature
Manager
Seal of Bank
Contact details

Note:

Bank Guarantee (BG)/ e-BG in the prescribed format from a SFMS enabled Scheduled Commercial Bank through SFMS Platform. TCIL's bank details are as under:

Name of Beneficiary and its Details	Name	Telecommunications Consultants India Limited
	Address	TCIL Bhawan, Greater Kailash-1, New Delhi- 110048
Name of Beneficiary Bank and its Details	Name	ICICI Bank Limited
	Account No	000705005880
	Address	9-A PHELPS Building, Connaught Place, New Delhi- 110001
	Unique Identifier Code	TC503394486 (UID to be mentioned in field 7037 of the BG advising message code)
	IFS Code	ICIC0000007

B. INSURANCE SURETY BOND – PERFORMANCE SECURITY FORMAT

(To be stamped in accordance with Stamp Act of India)

(TO BE ISSUED BY A DELHI BRANCH)

M/s Telecommunications Consultants India Ltd.,
 TCIL Bhawan, Greater Kailash-I
 New Delhi – 110 048 (INDIA)

Surety Bond No: _____

This BOND is made as a deed AMONG the following parties

The “Supplier” as contractor..... (name and address)

The “Surety Insurer” as guarantor (name and address) and “Purchaser” as Telecommunications Consultants India Limited, (TCIL), TCIL Bhawan, Greater Kailash -I, New Delhi 110048

WHEREAS TELECOMMUNICATIONS CONSULTANTS INDIA LIMITED, having its office at TCIL Bhawan, Greater Kailash-I, New Delhi – 110 048 (INDIA) (hereinafter referred to as “TCIL” which expression shall unless repugnant to the content or meaning thereof include all its successors, administrators and executors) has accepted the bid of the Supplier in relation to the Tender/RFP/EOI Number datedand having entered into an agreement dated _____ / issued Purchase Order No. _____ dated _____ with/on _____ M/s _____ (hereinafter referred to as “The Supplier” which expression unless repugnant to the content or meaning thereof, shall include all the successors, administrators, and executors).

WHEREAS the Supplier having unequivocally accepted to supply the materials and/or Services as per terms and conditions given in the Agreement dated _____ / Purchase Order No. _____ dated _____ and TCIL having agreed that the Supplier shall furnish to TCIL a Surety Bond for the faithful performance of the entire contract, to the extent of xx% (xx percent) of the value of the Purchase Order / Agreement i.e. for Rs _____.

1. We, _____ (“The Surety Insurer”) which shall include OUR successors, administrators and executors irrevocably, unconditionally and without reservation guarantee the due and faithful fulfillment and compliance of the terms and conditions of the said Agreement/PO by the said Supplier and unconditionally and irrevocably undertake to pay forthwith to the TCIL an amount of Rs.*** ** (Rupees *** ** only (hereinafter referred to as the “Surety Bond”) as our primary obligation without any demur, reservation, recourse, contest or protest and without reference to the Supplier, if the Supplier shall fail to fulfill or comply with all or any of the terms and conditions contained in the said Agreement/PO.
2. Hereby, we undertake to pay up to but not exceeding _____ (say _____ only) upon receipt by us of TCIL’s first written demand accompanied by TCIL’s declaration stating that the amount claimed is due by reason of the Supplier having failed to perform as per the Purchase Order / Agreement and despite any contestation on the part of above named supplier. Any such written demand made by the TCIL stating that the supplier is in default of the due and faithful fulfillment and compliance with the terms and conditions contained in the Agreement/PO shall be final, conclusive and binding on the surety Insurer, notwithstanding any differences between the TCIL and the Bidder or any dispute pending before any Court, Tribunal, Arbitrator or any other TCIL.
3. TCIL shall have the fullest liberty without affecting in any way the liability of the Surety Insurer under this Surety Bond from time to time to vary any of the terms and conditions in the said Agreement/PO or to extend time for fulfillment and compliance with all or any of the terms and conditions contained in the said Agreement/PO by the said supplier or to postpone for any time and from time to time any of powers exercisable by it against the said supplier and either to enforce or forbear from enforcing any of the terms and conditions contained in the said Agreement/PO, and the

Surety Insurer shall not be released from its liability under these presents by any exercise by the TCIL of the liberty with reference to the matters aforesaid or by any change in the constitution of the TCIL or the Supplier or its absorption, merger or amalgamation with any other person or any other matter or thing whatsoever which under the law relating to sureties would but for this provision have the effect of releasing the Surety Insurer from its such liability. In the event of extension of time for performance of the contract, the Surety Insurer shall be liable to extend the validity of the present Insurance Surety Bond without any demur, condition or protest.

4. WE hereby acknowledge and understand that it shall not be necessary for TCIL to proceed against the said supplier before proceeding against the Surety Insurer and the Surety Bond herein contained shall be enforceable against the Surety Insurer, notwithstanding any other security which the TCIL may have obtained from the said supplier or any other person and which shall, at the time when proceedings are taken against the Surety Insurer hereunder, be outstanding or unrealized.
5. We, the Surety Insurer, further undertake not to revoke this Surety Bond during its currency except with the previous express consent of TCIL in writing.
6. The Surety Insurer declares that it has power to issue this Surety Bond and discharge the obligations contemplated herein, the undersigned is duly authorized and has full power to execute this Surety Bond for and on behalf of the Surety Insurer.
7. The Surety Bond shall not be affected by any change in the constitution or winding up of the Bidder or the Surety Insurer or any absorption, merger or amalgamation of the Bidder or the Surety Insurer with any other person.
8. This Surety Bond will expire on _____ including 30 days of claim period and any claims made hereunder must be received by us on or before expiry date after which date this Surety Bond will become of no effect whatsoever whether returned to us or not.
9. The parties acknowledge and agree that neither this Surety Bond nor any obligations hereunder are transferable or assignable.
10. The Surety Insurer declares that this Insurance Surety Bond is issued as per applicable rules and regulations of Insurance Regulatory Development Authority of India (IRDAI).

Authorized Signature

Manager

Seal of Insurer Surety

Contact details

Name & Signature of witness

Address of witness

Signature of the authorized Surety Insurer

Name

Signed in Capacity of

Full address of Branch

Tel No. of Branch

Fax No. / Email of Branch

Notes:

- 1) The Insurance Surety Bond shall be from an Insurer as per guidelines issued by Insurance Regulatory and Development Authority of India (IRDAI).

- 2) The Insurance Surety Bond should be on non-judicial stamp paper/e-stamp paper of appropriate value as per Stamp Act prevailing in the state(s).
- 3) The executing officer of Surety Bond will indicate his name, designation, and Power of Attorney No. on last page of the Surety Bond

END OF SECTION-16

SECTION-17**MEMORANDUM OF UNDERSTANDING FORMATS****A. MOU FORMAT WHEN BACKEND PARTNER IS IN CONSORTIUM**

(To be signed by all Consortium Partners)

This Memorandum of Understanding (MoU) is made on ____ day of _____ at New Delhi by and between:

M/s Telecommunications Consultants India Limited, a Company registered under the Indian Companies Act 1956, with its registered and corporate office at TCIL Bhawan, Greater Kailash-1, New Delhi – 110048, hereinafter referred to as “**TCIL**”, which expression shall include its successors and its permitted assigns, of one part.

AND

_____ **CONSORTIUM** consisting of M/s _____ (**Vendor Name**), registered under the _____ Act, with its registered office at _____ (**Lead Member**), M/s _____ (**Vendor Name**), registered under the _____ Act, with its registered office at _____ (**Consortium Partner**) and M/s _____ (**Vendor Name**), registered under the _____ Act, with its registered office at _____ (**Consortium Partner**) hereinafter the said consortium shall be referred to as “_____”, which expression shall include its successors and permitted assigns, of the other part.

“TCIL” and “_____” are individually referred to as “Party” and collectively as “Parties”.

WHEREAS TCIL, a Government of India Enterprise under the Ministry of Communications and Information Technology, is a leading company in Telecommunications and Information Technology and has to its credit successful execution of many consultancy and turnkey projects in the fields of Telecom, IT and Civil both in India and abroad and it also acts as procurement consultant/agent/executing agency/implementing agency for number of Government of India enterprises/undertaking.

WHEREAS _____ (Name of Lead Member) is in the business of _____.

WHEREAS _____ (Name of Consortium Partner) is in the business of _____.

WHEREAS _____ (Name of Consortium Partner) is in the business of _____.

WHEREAS _____ (Client Name) (herein after called “_____”) issued TENDER No. _____ dated _____ for ‘_____, hereinafter referred to as “_____ (Client Name) tender” /”Work”/”Project”.

WHEREAS TCIL published EOI No. _____ dated _____ (hereinafter referred as TCIL EOI) for selection of back-end partner for _____ (Client Name) tender.

AND WHEREAS M/s _____ & M/s _____ has entered into a Consortium Agreement / Memorandum of Agreement dated _____ (**Annexure A**) and a Role & Responsibility Matrix dated _____ (**Annexure B**) for the purpose of forming a consortium to participate in TCIL EOI wherein it is mentioned that _____ shall act as the Lead Member & _____ shall act as consortium partner and the Lead Member is authorized to sign the MOU with TCIL and accordingly they have submitted their offer for _____ in response to TCIL EOI & pursuant to the same were selected by TCIL as back-end partner for _____ (Client name) Tender.

Now, therefore, it is agreed between the Parties as under:

1. The Parties wish to work together with the understanding that TCIL shall act as the bidder (lead bidder) and _____ (consortium name) (partner for _____) for participating in the _____ (client name) Tender.

**Please note that the term "Lead bidder" shall be mentioned only when TCIL shall bid in consortium with backend partner.*
2. _____ (consortium name) shall not participate directly or indirectly whether in consortium or separately in _____ (client name) Tender and shall not quote rates to any other party participating/pre-qualified for _____ (client name) Tender directly or indirectly through its subsidiary, partnership, ownership, individual firm etc.
3. On award of the work of the _____ (client name) Tender to TCIL, TCIL will enter into a detailed agreement with _____ (consortium name) based on the terms & conditions of this MoU, TCIL EOI and _____ (client name) Tender.
4. The term of this MoU shall be for _____ months ("Term") from the date of signing of this MoU ("Effective Date") or till the completion of the project & release of all payments thereof whichever is later. All obligations hereunder shall only apply during the Term of this MoU and to such obligations and commitments in relation to the Tender/Work/Project under the scope of TCIL EOI & _____ (Client name) tender, as may have been undertaken by the Parties during the Term with validity exceeding the Term. The Term of this MoU can be extended by mutual agreement between the Parties, depending upon the requirement.
5. After mutual consultation, a joint team consisting of representatives of the parties will be formed for various activities like, technical discussions, deciding the preparation of final Bid/offer, terms & conditions and demonstration of functionality required in the _____ (Client name) Tender/Work/Project.
6. TCIL and _____ (consortium name) hereby mutually agree that both of them shall remain as irrevocable members of this tie-up for the complete execution and completion of _____ (client name) Tender/Work/Project (as per scope of TCIL EOI & _____ (Client name) tender).
7. Expenses towards bid preparation would be borne by the individual Parties viz. TCIL and _____ (consortium name) for their respective work. TCIL will not reimburse any such expenses to _____ (consortium name) towards preparation and submission of the bid.
8. All technical, financial and commercial terms and conditions of the Tender, except pricing, risk purchase, limitation of liability, advance payment & termination, will apply on back-to-back basis between TCIL and _____ (consortium name), for their respective part/scope of work. However, if _____ (consortium name) or any of its member fails to fulfill its part of the work to the satisfaction of TCIL, then TCIL shall have the right to terminate the contract with _____ (consortium name) and get the same executed departmentally or by other agencies at the risk and cost of _____ (consortium name).
9. Both M/s _____ (Lead Member name) and M/s _____ (Consortium Partner name) shall be jointly and severally responsible for compliance of all the terms and conditions of the tender document, this MOU and TCIL's contract with main client relating to performance of this MOU. Any non-compliance by either party of the Consortium shall be treated as a breach of this MOU.
10. Both M/s _____ (Lead Member name) and M/s _____ (Consortium Partner name) shall be jointly and severally liable to TCIL to compensate any losses or damages if so suffered by TCIL for any breach of this agreement and/or action initiated by the main client for non-performance of the contract.
11. In case of failure of either of M/s _____ (Lead Member name) or M/s _____ (Consortium Partner name), the total responsibility shall shift upon remaining party.
12. Notwithstanding anything contained in any other agreement, document, correspondence, arrangement between the parties in respect of _____ (Client name) Tender/ Works / Projects, the _____ (consortium name) understands, agrees and undertakes that:

- a) _____ (consortium name) participated in TCIL EOI and that all terms & conditions of the TCIL EOI shall apply to _____ (consortium name).
- b) Prices quoted by _____ (consortium name) shall remain firm and fixed till the execution of the Tender.
- c) the payments terms between TCIL & _____ (consortium name) are on back-to-back basis and the payment shall be released by TCIL only if and when received by TCIL from _____ (Client name) and subject to terms & conditions of agreement (as stipulated in 3 above) and submission of complete required documents. Payment to the vendor/supplier/partner upon its submitting all required documents showing completion of work as well as the tentative invoice, shall be on a back-to-back basis with the client i.e. only on client finally certifying, accepting and making payment of the said work done by the vendor/supplier/partner as forwarded by TCIL to the Client, such vendor/supplier/partner shall become eligible for payment. As the work is being executed through vendor/supplier/partner by TCIL, on behalf of the client, the vendor/supplier/partner's eligibility for receiving payment from TCIL shall depend solely upon acceptance of the work, certification of the bill and payment of the certified bill by the client. Entitlement of the vendor/supplier/partner for payment from TCIL regarding the bill raised by it in respect of a particular work would arise within a reasonable time of 15 working days upon receipt of above payments after statutory and contractual deductions by the client and TCIL. Such payments shall also be subject to contractual requirements/payment terms between client and TCIL to which the vendor/supplier/partner shall also be bound. However, in the event client certifies the work for lesser amount, the entitlement of vendor/supplier/partner of TCIL would be only for the certified value of work by the client minus the statutory and contractual deductions as per contract of vendor/supplier/partner with TCIL. TCIL will make reasonable efforts to secure acceptance and certification of the work and release of the payment by the client, however, any delay on the part of the client in certification and acceptance of the work and release of the payment will not entitle the vendor/supplier/partner to raise claim regarding the same against TCIL.
- d) _____ (consortium name) will not demand or make any claim under any law with respect to the pending payment till the time corresponding payment is received by TCIL from _____ (Client name). TCIL shall not be responsible in any manner whatsoever for any delay in releasing the payments or withholding of payments by _____ (Client name).
- e) the (day) date of delivery of goods and/or rendering of services by the _____ (consortium name) shall be the date of realization of payment from the client once the goods and/or services are accepted by the client.
- f) if in the instant contract, _____ (consortium name) is acting only as trader / reseller / distributor/authorized agents and/or is engaged in a WORKS contract, no benefits under MSME Act 2006 and PPP Policy 2012 as per MSE Guidelines issued by Ministry of MSME would be applicable to it on account of acceptance of back-to-back payment terms as above. By agreeing to the terms of _____ (client name) Tender, the _____ (consortium name) agrees to forgo its rights under this Act and Policy.
- g) _____ (consortium name) hereby agrees to ensure timely GST compliances as per the statutory requirements. All the costs pertaining to any GST non-compliance including but not limited to any loss of eligible input tax credit due to non-payment/non-filing of GST return and applicable interest/penalties shall be borne/indemnified by _____ (consortium name). Further _____ (consortium name) hereby agrees that TCIL reserves the right for reimbursement of any such cost incurred out of the aforesaid non-compliance(s). _____ (consortium name) will provide payment of GST proof i.e. GSTR-1, GSTR-3B, cash ledger and challan for taking GST payment from TCIL against invoices.
- h) Any deductions by the _____ (Client name) towards LD/penalties/contingencies shall be borne by _____ (consortium name) in terms of TCIL EOI.
- i) At any given point of time, _____ (consortium name) may not assign or delegate its rights, duties or obligations under this MOU without prior written consent of TCIL.
- j) On award of work of the Tender/Work/Project, _____ (consortium name) shall provide its GeM Seller id to TCIL (not applicable for "works" contract or non-Indian vendor).
- k) In the event of breach of any of the terms & conditions of this MOU or in case of any default of any terms & conditions of this MOU, on the part of _____ consortium and/or M/s _____ (Lead Member name) and/or M/s _____ (Consortium partner Name), TCIL reserves the right to take necessary steps / action as per available documents, including but not limited to, termination of contract, forfeiture of Performance Security / EMD, blacklisting / banning etc. and execute the work at their risk & cost.

13. TCIL and ____ (consortium name) agree to keep confidential all information shared with each other and disclose to third party only after taking prior written consent of each other. This clause excludes information available in public domain. The confidentiality provisions of this MoU shall remain in full force and effect during the term of this MoU and 12 months thereafter.
14. Any sum of money (including refundable security deposit) due and payable to the ____ (consortium name) and/or ____ (Lead bidder name) and/or ____ (Consortium partner name), under this contract or any other contract entered between the parties herein whether continuing or completed may be appropriated by TCIL and set off against any claim of TCIL of any nature whatsoever, arising under this contract or any other contract entered into between the parties, herein whether continuing or completed.
15. Nothing in this MoU shall constitute, create or give effect or recognize a JV, partnership or business entity of any kind.
16. This MoU shall be construed and governed by the laws of India and the parties hereby submit to the exclusive jurisdiction of the Delhi Courts of Law.
17. Any matter which is not stipulated in the MoU, shall be settled in good faith by discussion among the parties in the spirit of understanding and cooperation.

18. Dispute Resolution:

- 1) The parties to this agreement/contract agree that they shall resolve all disputes or differences whatsoever arising between them under and/or in connection with and/or in respect of this Tender/EOI/Agreement/Purchase Order/MoU through a “Conciliation and Settlement Mechanism (CSM)” and the detailed guidelines/procedure for such CSM is annexed hereto as **Annexure-A**. That it is understood and agreed between the parties that the CSM annexed as **Annexure-A** with the present agreement forms and shall be treated as part and parcel of the present agreement.
- 2) In cases, wherein the contract value/price is less than or equal to Rs. 5 crore (Rupees Five Crore) and the parties fail to resolve such disputes through the conciliation proceedings as provided in sub-clause ‘1’ above, then and only then, the dispute shall be referred to and finally resolved by arbitration administered by the India International Arbitration Centre (“IIAC”) in accordance with the India International Centre (Conduct of Arbitration) Regulations (“IIAC Regulations”) for the time being in force, which regulations are deemed to be incorporated by reference in this clause.. The place/seat of the arbitration proceedings shall be New Delhi, India and the language of the arbitration shall be English. The Tribunal shall consist of one Arbitrator. The Law governing the Arbitration agreement as well as the contract shall be Indian Law.
- 3) For all the contracts other than those mentioned in sub-clause ‘2’ above, the matter shall not be referred to arbitration at all and such disputes, on failure of conciliation proceedings in sub-clause ‘1’ above, shall be resolved under the mechanism provided by the State in form of Courts of Law/Ordinary Civil Courts for resolution of such disputes under applicable Laws.
- 4) The courts at New Delhi shall have exclusive jurisdiction in respect to any dispute pertaining to this agreement.
- 5) The parties shall continue to perform their respective obligations as per the Agreement during the pendency of proceedings under the above clauses.

**Please Note that in case of agreement/MoU with Government Organization, the following clause shall be applicable:*

In the event of any dispute or difference relating to the interpretation and application of the provisions of commercial contract(s) between Central Public Enterprise (CPSEs)/Port Trusts inter se and also between CPSEs and Govt. Depts/ organizations (excluding disputes relating to Railways, Income Tax, Customs & Excise Dept), such dispute or difference shall be taken up by either party for its resolution through AMRCD as mentioned in DPE OM No. DPE-02/0001/2023-AMRCD-

FTS-13578 dated 8th December 2025 and the decision of AMRCD on the said dispute will be binding on both the parties.

19. During its Term, this MOU will be terminated in the event of
 - a. Client withdrawing the Tender provided it does not create any financial obligation on TCIL.
 - b. Tender not awarded to TCIL
 - c. Mutual agreement between the “Parties”
 - d. As per TCIL EOI
20. Notices and other communications under this MoU shall be in writing and communicated through post, courier, fax, email or any other recognized mode of such communication. All such notices and communications shall be directed to the address as mentioned in the MoU.
21. By signing this MoU, the “Parties” acknowledge that it correctly records the understanding they have reached with regard to the Project.
22. EOI document, technical / financial bid, any further negotiations, all correspondences with or from _____ (consortium name) till EOI finalization shall be an integral of this MOU.

IN WITNESS WHEREOF, each party hereto has caused this MoU to be executed in duplicate to be effective as of the Effective Date, by its duly authorized representative.

For Telecommunications Consultants India Ltd

For _____ Private Limited

Signature:

Signature:

Name:

Name:

Designation:

Designation:

Date:

Date:

Witness:

Witness:

B. MOU FORMAT WHEN BACKEND PARTNER IS A SINGLE BIDDER (WITHOUT CONSORTIUM)

This Memorandum of Understanding (MoU) is made on ____th day of _____ at New Delhi by and between:

M/s Telecommunications Consultants India Limited, a Company registered under the Indian Companies Act 1956, with its registered and corporate office at TCIL Bhawan, Greater Kailash-1, New Delhi – 110048, hereinafter referred to as “**TCIL**”, which expression shall include its successors and its permitted assigns, of one part.

AND

M/s _____ (vendor name), registered under the Indian Companies Act 1956/2013 (whichever is applicable), with its registered office at _____, hereinafter referred to as “_____”, which expression shall include its successors and permitted assigns, of the other part.

“TCIL” and “_____” are individually referred to as “Party” and collectively as “Parties”.

WHEREAS TCIL, a Government of India Enterprise under the Ministry of Communications and Information Technology, is a leading company in Telecommunications and Information Technology and has to its credit successful execution of many consultancy and turnkey projects in the fields of Telecom, IT and Civil both in India and abroad and it also acts as procurement consultant/agent/executing agency/implementing agency for number of Government of India enterprises/undertaking.

WHEREAS _____ (vendor name) is in the business of _____.

WHEREAS _____ (Client Name) (herein after called “_____”) issued TENDER No. _____ dated _____ for ‘_____, hereinafter referred to as “_____ (Client Name) tender” /”Work”/”Project”.

WHEREAS TCIL published EOI No. _____ dated _____ (hereinafter referred as TCIL EOI) for selection of back-end partner for _____ (Client Name) tender.

AND WHEREAS _____ (Vendor Name) submitted their offer and pursuant to the same was selected by TCIL as back-end partner for _____ (Client Name) Tender.

Now, therefore, it is agreed between the Parties as under:

1. The Parties wish to work together with the understanding that TCIL shall act as the bidder (lead bidder) and _____ (vendor name) (partner for _____) for participating in the _____ (client name) Tender.
**Please note that the term “Lead bidder” shall be mentioned only when TCIL shall bid in consortium with backend partner.*
2. _____ (vendor name) shall not participate directly in _____ (client name) Tender and shall not quote rates to any other party participating/pre-qualified for _____ (client name) Tender directly or indirectly through its subsidiary, partnership, ownership, individual firm etc.
3. On award of the work of the _____ (client name) Tender to TCIL, TCIL will enter into a detailed agreement with _____ (vendor name) based on the terms & conditions of this MoU, TCIL EOI and _____ (client name) Tender.
4. The term of this MoU shall be for _____ months (“Term”) from the date of signing of this MoU (“Effective Date”) or till the completion of the project & release of all payments thereof whichever is later. All obligations hereunder shall only apply during the Term of this MoU and to such obligations and commitments in relation to the Tender/Work/Project under the scope of TCIL EOI & _____

(Client name) tender, as may have been undertaken by the Parties during the Term with validity exceeding the Term. The Term of this MoU can be extended by mutual agreement between the Parties, depending upon the requirement.

5. After mutual consultation, a joint team consisting of representatives of the parties will be formed for various activities like, technical discussions, deciding the preparation of final Bid/offer, terms & conditions and demonstration of functionality required in the _____ (Client name) Tender/Work/Project.
6. TCIL and _____ (vendor name) hereby mutually agree that both of them shall remain as irrevocable members of this tie-up for the complete execution and completion of _____ (client name) Tender/Work/Project (as per scope of TCIL EOI & _____ (Client name) tender).
7. Expenses towards bid preparation would be borne by the individual Parties viz. TCIL and _____ (vendor name) for their respective work. TCIL will not reimburse any such expenses to _____ (vendor name) towards preparation and submission of the bid.
8. All technical, financial and commercial terms and conditions of the Tender, except pricing, risk purchase, limitation of liability, advance payment & termination, will apply on back-to-back basis between TCIL and _____ (vendor name), for their respective part/scope of work. However, if _____ (vendor name) fails to fulfill its part of the work to the satisfaction of TCIL, then TCIL shall have the right to terminate the contract with _____ (vendor name) and get the same executed departmentally or by other agencies at the risk and cost of _____ (vendor name).
9. Notwithstanding anything contained in any other agreement, document, correspondence, arrangement between the parties in respect of _____ (Client name) Tender/ Works / Projects, the _____ (vendor name) understands, agrees and undertakes that:
 - a) _____ (vendor name) participated in TCIL EOI and that all terms & conditions of the TCIL EOI shall apply to _____ (vendor name).
 - b) Prices quoted by _____ (vendor name) shall remain firm and fixed till the execution of the Tender.
 - c) the payments terms between TCIL & _____ (vendor name) are on back-to-back basis and the payment shall be released to _____ (vendor name) by TCIL only if and when received by TCIL from _____ (Client name) and subject to submission of complete documents and invoices etc. by it. Payment to the vendor/supplier/partner upon its submitting all required documents showing completion of work as well as the tentative invoice, shall be on a back-to-back basis with the client i.e. only on client finally certifying, accepting and making payment of the said work done by the vendor/supplier/partner as forwarded by TCIL to the Client, such vendor/supplier/partner shall become eligible for payment. As the work is being executed through vendor/supplier/partner by TCIL, on behalf of the client, the vendor/supplier/partner's eligibility for receiving payment from TCIL shall depend solely upon acceptance of the work, certification of the bill and payment of the certified bill by the client. Entitlement of the vendor/supplier/partner for payment from TCIL regarding the bill raised by it in respect of a particular work would arise within a reasonable time of 15 working days upon receipt of above payments after statutory and contractual deductions by the client and TCIL. Such payments shall also be subject to contractual requirements/payment terms between client and TCIL to which the vendor/supplier/partner shall also be bound. However, in the event client certifies the work for lesser amount, the entitlement of vendor/supplier/partner of TCIL would be only for the certified value of work by the client minus the statutory and contractual deductions as per contract of vendor/supplier/partner with TCIL. TCIL will make reasonable efforts to secure acceptance and certification of the work and release of the payment by the client, however, any delay on the part of the client in certification and acceptance of the work and release of the payment will not entitle the vendor/supplier/partner to raise claim regarding the same against TCIL.

- d) _____ (vendor name) will not demand or make any claim under any law with respect to the pending payment till the time corresponding payment is received by TCIL from _____ (Client name). TCIL shall not be responsible in any manner whatsoever for any delay in releasing the payments or withholding of payments by _____ (Client name).
 - e) the (day) date of delivery of goods and/or rendering of services by the _____ (vendor name) shall be the date of realization of payment from the client once the goods and/or services are accepted by the client.
 - f) if in the instant contract, _____ (vendor name) is acting only as trader / reseller / distributor/authorized agents and/or is engaged in a WORKS contract, no benefits under MSME Act 2006 and PPP Policy 2012 as per MSE Guidelines issued by Ministry of MSME would be applicable to it on account of acceptance of back-to-back payment terms as above. By agreeing to the terms of _____ (client name) Tender, the _____ (vendor name) agrees to forgo its rights under this Act and Policy.
 - g) _____ (vendor name) hereby agrees to ensure timely GST compliances as per the statutory requirements. All the costs pertaining to any GST non-compliance including but not limited to any loss of eligible input tax credit due to non-payment/non-filing of GST return and applicable interest/penalties shall be borne/indemnified by _____ (vendor name). Further _____ (vendor name) hereby agrees that TCIL reserves the right for reimbursement of any such cost incurred out of the aforesaid non-compliance(s). _____ (vendor name) will provide payment of GST proof i.e. GSTR-1, GSTR-3B, cash ledger and challan for taking GST payment from TCIL against invoices.
 - h) Any deductions by the _____ (Client name) towards LD/penalties/contingencies shall be borne by _____ (vendor name) in terms of TCIL EOI.
 - i) At any given point of time, _____ (vendor name) may not assign or delegate its rights, duties or obligations under this MOU without prior written consent of TCIL.
 - j) On award of work of the Tender/Work/Project, _____ (vendor name) shall provide its GeM Seller id to TCIL (not applicable for “works” contract or non-Indian vendor).
 - k) In the event of breach of any of the terms & conditions of this MOU or in case of any default of any terms & conditions of this MOU, on the part of the _____ (vendor name), TCIL reserves the right to take necessary steps / action as per available documents, including but not limited to, termination of contract, forfeiture of Performance Security / EMD, blacklisting / banning etc. and execute the work at their risk & cost.
10. TCIL and _____ (vendor name) agree to keep confidential all information shared with each other and disclose to third party only after taking prior written consent of each other. This clause excludes information available in public domain. The confidentiality provisions of this MoU shall remain in full force and effect during the term of this MoU and 12 months thereafter.
 11. Any sum of money (including refundable security deposit) due and payable to the _____ (vendor name), under this contract or any other contract entered between the parties herein whether continuing or completed may be appropriated by TCIL and set off against any claim of TCIL of any nature whatsoever, arising under this contract or any other contract entered into between the parties, herein whether continuing or completed.
 12. Nothing in this MoU shall constitute, create or give effect or recognize a JV, partnership or business entity of any kind.
 13. This MoU shall be construed and governed by the laws of India and the parties hereby submit to the exclusive jurisdiction of the Delhi Courts of Law.
 14. Any matter, which is not stipulated in the MoU, shall be settled in good faith by discussion among the parties in the spirit of understanding and cooperation.

15. **Dispute Resolution:**

- 1) The parties to this agreement/contract agree that they shall resolve all disputes or differences whatsoever arising between them under and/or in connection with and/or in respect of this Tender/EOI/Agreement/Purchase Order/MoU through a “Conciliation and Settlement Mechanism

(CSM)” and the detailed guidelines/procedure for such CSM is annexed hereto as **Annexure-A**. That it is understood and agreed between the parties that the CSM annexed as **Annexure-A** with the present agreement forms and shall be treated as part and parcel of the present agreement.

- 2) In cases, wherein the contract value/price is less than or equal to Rs. 5 crore (Rupees Five Crore) and the parties fail to resolve such disputes through the conciliation proceedings as provided in sub-clause ‘1’ above, then and only then, the dispute shall be referred to and finally resolved by arbitration administered by the India International Arbitration Centre (“IIAC”) in accordance with the India International Centre (Conduct of Arbitration) Regulations (“IIAC Regulations”) for the time being in force, which regulations are deemed to be incorporated by reference in this clause.. The place/seat of the arbitration proceedings shall be New Delhi, India and the language of the arbitration shall be English. The Tribunal shall consist of one Arbitrator. The Law governing the Arbitration agreement as well as the contract shall be Indian Law.
- 3) For all the contracts other than those mentioned in sub-clause ‘2’ above, the matter shall not be referred to arbitration at all and such disputes, on failure of conciliation proceedings in sub-clause ‘1’ above, shall be resolved under the mechanism provided by the State in form of Courts of Law/Ordinary Civil Courts for resolution of such disputes under applicable Laws.
- 4) The courts at New Delhi shall have exclusive jurisdiction in respect to any dispute pertaining to this agreement.
- 5) The parties shall continue to perform their respective obligations as per the Agreement during the pendency of proceedings under the above clauses.

**Please Note that in case of agreement/MoU with Government Organization, the following clause shall be applicable:*

In the event of any dispute or difference relating to the interpretation and application of the provisions of commercial contract(s) between Central Public Center Enterprise (CPSEs)/Port Trusts inter se and also between CPSEs and Govt. Depts/ organizations (excluding disputes relating to Railways, Income Tax, Customs & Excise Dept), such dispute or difference shall be taken up by either party for its resolution through AMRCD as mentioned in DPE OM No. DPE-02/0001/2023-AMRCD-FTS-13578 dated 8th December 2025 and the decision of AMRCD on the said dispute will be binding on both the parties.

16. During its Term, this MOU will be terminated in the event of
 - i) Client withdrawing the Tender provided it does not create any financial obligation on TCIL.
 - ii) Tender not awarded to TCIL
 - iii) Mutual agreement between the “Parties”
 - iv) As per TCIL EOI
17. Notices and other communications under this MoU shall be in writing and communicated through post, courier, fax, email or any other recognized mode of such communication. All such notices and communications shall be directed to the address as mentioned in the MoU.
18. By signing this MoU, the “Parties” acknowledge that it correctly records the understanding they have reached with regard to the Project.
19. EOI document, technical / financial bid, any further negotiations, all correspondences with or from _____ (vendor name) till EOI finalization shall be an integral of this MOU.

IN WITNESS WHEREOF, each party hereto has caused this MoU to be executed in duplicate to be effective as of the Effective Date, by its duly authorized representative.

For Telecommunications Consultants India Ltd

For _____ Private Limited

Signature:

Name:

Designation:

Date:

Witness:

Signature:

Name:

Designation:

Date:

Witness:

END OF SECTION-17

SECTION-18

ANNEXURE-A TO DISPUTE RESOLUTION CLAUSE

Establishment of a Conciliation & Settlement Mechanism (CSM) for Contractual Disputes under the contract agreements with the Contractors / Concessionaires / Consultants in TCIL.

1. Objective:

The TCIL has been entering into various contract agreements with the Contractors/ Concessionaires/ Consultants for implementing projects and obtaining services in various modes. Several disputes have been arising under these contract agreements. The associated legal costs and diversion of manpower of both parties are enormous. The early resolution/ settlement of claim, preferably through an out-of-court settlement process, is in the interest of all the stakeholders.

2. The Standing Operating Procedure (SoP)

The procedure given hereunder will be implemented for resolving disputes through conciliation mechanism:

- 1) If any commercial/contractual dispute arises between TCIL and Bidder/MoU partner/Vendor/Contractor, then any of the party shall send a reference about the dispute containing a written brief identifying the subject of the dispute to the CMD, TCIL alongwith a copy of such reference to other party for resolution of dispute through conciliation.
- 2) CMD, TCIL or his authorized representative shall, within seven days of receipt of such a reference, nominate an officer of TCIL to act as the conciliator and shall arrange to issue necessary intimation to both the parties.
- 3) Within three days of appointment of conciliator by CMD, TCIL both the parties shall intimate to the conciliator, the name of their respective officer(s) who shall be representing such a party in the conciliation proceedings. The maximum number of such officer(s) shall not be more than three and no legal practitioner/advocate shall be part of such a team.
- 4) Thereafter, both the teams of the parties shall meet on the dates as fixed by the conciliator, discuss the agenda and explore the possibilities of conciliation/settlement. First such meeting shall be held within Seven (7) days of the nomination of the conciliation team by both the parties. The venue for conducting conciliation proceedings will be TCIL Bhawan, Greater Kailash-I, New Delhi 110048.
- 5) The conciliator shall assist the parties in an independent and impartial manner in their attempt to reach an amicable settlement of their dispute.
- 6) The conciliator shall be guided by principles of objectivity, fairness and justice, giving consideration to, among other things, the rights and obligations of the parties, the usages of the trade concerned and the circumstances surrounding the dispute, including any previous business practices between the parties.
- 7) The conciliator may conduct the conciliation proceedings in such a manner as he considers appropriate, taking into account the circumstances of the case, the wishes the parties may express, including any request by a party that the conciliator hear oral statements, and the need for a speedy settlement of the dispute.
- 8) The conciliator may, at any stage of the conciliation proceedings, make proposals for a settlement of the dispute. Such proposals need not be in writing and need not be accompanied by a statement of the reasons therefor.
- 9) The teams thereafter can meet any number of times under the guidance and supervision of Conciliator and will try to find a solution that is acceptable to both the parties. The conciliation may be successful or partially successful. On the points of dispute or part of a dispute wherein parties have agreed for a common ground, the officers representing each party shall seek approval of their respective company/entity. After that a settlement deed shall be drafted

and signed by the authorized representatives of the parties. When the parties sign the settlement agreement, it shall be final and binding on the parties and persons claiming under them respectively and this shall not be challenged by any of the party in any court or under any law. The parties shall unequivocally affirm, declare and confirm in the settlement agreement that they have signed the agreement without any coercion, duress, inducement and were fully competent to sign the said agreement.

- 10) The conciliator shall endorse and authenticate the settlement agreement and furnish a copy thereof to each of the parties.
- 11) The conciliation process shall be concluded within 60 days of nomination of its representatives by the second party. However, the parties, with mutual consent can extend this period and then the conciliation proceedings shall be concluded in this extended period.
- 12) If no settlement is arrived between the parties in the time mentioned in clause 11) above, then the conciliation proceedings shall be deemed to have been failed.
- 13) The conciliator shall intimate the appointing authority the final outcome of the conciliation proceedings.

3. Resort to arbitral or judicial proceedings:

The parties shall not initiate, during the conciliation proceedings, any arbitral or judicial proceedings in respect of a dispute that is the subject-matter of the conciliation proceedings except that a party may initiate arbitral or judicial proceedings where, in his opinion, such proceedings are necessary for preserving his rights.

4. Admissibility of evidence in other proceedings.

- 1) The parties shall not rely on or introduce as evidence in arbitral or judicial proceedings, whether or not such proceedings relate to the dispute that is the subject of the conciliation proceedings,—
 - (a) views expressed or suggestions made by the other party in respect of a possible settlement of the dispute;
 - (b) admissions made by the other party in the course of the conciliation proceedings;
 - (c) Proposals made by the parties or conciliator;
 - (d) The fact that the other party had indicated his willingness to accept a proposal for settlement made by the other party.

5. Confidentiality.

Notwithstanding anything contained in any other law for the time being in force, the parties shall keep confidential all matters relating to the conciliation proceedings. Confidentiality shall extend also to the settlement agreement, except where its disclosure is necessary for purposes of implementation and enforcement.

6. Termination of conciliation proceedings.

The conciliation proceedings shall be terminated on happening of any of the conditions below:-

- 1) by the signing of the settlement agreement by the parties, on the date of the agreement; or
- 2) by a written declaration of the conciliator, after consultation with the parties, to the effect that further efforts at conciliation are no longer justified, on the date of the declaration; or
- 3) by a written declaration of the parties addressed to the conciliator to the effect that the conciliation proceedings are terminated, on the date of the declaration; or
- 4) by a written declaration of a party to the other party and the conciliator, if appointed, to the effect that the conciliation proceedings are terminated, on the date of the declaration; or
- 5) by the lapse of time or extended time as provided in clause 2(12) above

END OF SECTION – 18

SECTION – 19**UNDERTAKING IN RESPECT OF BACK-TO-BACK PAYMENT TERMS**

(Applicable only for client tenders where payment terms are on back-to-back basis)

1. I/we,....., have perused the Tender/EOI/RFP of Client and/or the arrangement of TCIL with its Client,..... and have also examined scope of work and the payment terms therein.
2. I/we,....., have clearly understood the scope of work which TCIL is intending to award under the present Tender/RFP/EOI/PO/LOI/LOA and the terms of payments mentioned therein.
3. I/we,....., completely understand and agree that the work to be executed through undersigned by TCIL is on behalf of the client wherein the eligibility for payment depends solely upon acceptance of the undersigned's work, certification of the bill and payment of the certified bill by the said client. The date of delivery of such service/supply under the scope of work for entitlement of payment shall be the date on which the corresponding payments have been received by TCIL from its client. Undersigned's entitlement for payment regarding the bill raised in respect of a particular work would only arise within a reasonable time of 15 working days upon acceptance of the work and release of corresponding payment by the client to TCIL.
4. I/we,....., completely understand and agree that in the event client certifies the work for lesser amount, undersigned's entitlement would be only for the certified value of work by the client minus the statutory and contractual deductions as per our contract with TCIL.
5. I/we,....., also completely understand and agree that TCIL will make reasonable efforts to secure acceptance and certification of the work and release of the payment by the client. However, any delay on the part of the client in certification and acceptance of the work and release of the payment will not entitle undersigned to raise claim regarding the same against TCIL.

Signed by..... (Authorized Representative of)

Date....

Place.....

END OF SECTION – 19

END OF EOI

I. NOTICE INVITING TENDER



**Government of Tamil Nadu
ELECTRONICS CORPORATION OF
TAMIL NADU LIMITED - ANGADI**



9th Floor, Sigapi Aachi Building, 18/3, Rukmani Lakshmipathi Road,
Egmore, Chennai-600 008
<https://elcot.tn.gov.in> | +91 44 2855 6120 | tenders@elcotangadi.in

NOTICE INVITING TENDER

Tender No. E-ANGADI-ST-CT02-2026-0019

ELCOT Angadi Division invites **“Tender for Supply, Installation, Commissioning and Maintenance of CCTV System for IGR 3.0 project under Lease cum Service model for a period of 5 years”**.

For complete details, please visit www.tntenders.gov.in. Pre-bid meeting: 27.03.2026, 11 AM. Last date for submission of e-bids: 30.04.2026, 3 PM. For queries: tenders@elcotangadi.in.

MANAGING DIRECTOR



**ELECTRONICS CORPORATION OF TAMIL NADU LIMITED –
ANGADI DIVISION**

Tender No.: E-ANGADI-ST-CT02-2026-0019-2

**Tender for Supply, Installation, Commissioning and Maintenance
of CCTV Systems for IGR 3.0 project under Lease cum Service
model for a period of 5 years**

May 2026

9th Floor, Sigapi Aachi Building, 18/3 Rukmani Lakshmipathi Road,
Egmore, Chennai – 600008|GST No.33AAACE1670K4ZR
<https://elcot.tn.gov.in> | tenders@elcotangadi.in

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Acronyms

AMC/CAMC	Annual Maintenance Contract / Comprehensive Annual Maintenance Contract
GST	Goods & Services Tax
DSC	Digital Signature Certificate
EMD	Earnest Money Deposit
ERTL	Electronic Regional Test Laboratories
ETDC	Electronics Test & Development Centre
FOR	Free On Road / Rail
ICT	Information and Communication Technology
IPR	Intellectual Property Rights
ISO	International Organisation for Standardisation
IT	Information Technology
LD	Liquidated Damage
LOA	Letter of Award
OEM	Original Equipment Manufacturer
RFP	Request for Proposal
ROHS	Restriction Of Use of Hazardous Substances
SAMEER	Society for Applied Microwave Electronics Engineering & Research.
SD	Security Deposit
SDK	Software Development Kit
SNR	Site Not Ready
SPOC	Single Point of Contact

AMC/CAMC	Annual Maintenance Contract / Comprehensive Annual Maintenance Contract
SRS	Software Requirements Specification
RAM	Random Access Memory
ROM	Read Only Memory

Definitions used in the Tender Document:

- a) Act** means the Tamil Nadu Transparency in Tenders Act 1998 as amended from time to time.
- b) Bidder** means the party who makes a formal offer in pursuance of the Tender floated. Bidder may be a Sole Bidder/Leader Bidder with Consortium Partner.
- c) Consortium:** Consortium is allowed in this tender and limited to 2 members including the Lead Bidder entering into a Consortium Agreement, represented by Lead bidder of the consortium. Lead member shall comply with all the eligibility criteria, except manpower experience (S.No.5 of Eligibility Criteria). Consortium partner is allowed for manpower experience (S.No.5 of Eligibility Criteria) only. Members of the consortium shall be jointly and severally liable for completion of the project. The consortium partner shall be a Company registered in India under the Companies Act 1956/2013, existing for the past 3 years as on 30.09.2025
- d) Contractor** means the Successful Bidder who signed the Contract Agreement
- e) Day/Week/Month** means a Calendar day/ Calendar Week/Calendar month respectively
- f) ELCOT/ ELCOT Angadi/ E-Angadi** shall mean the procurement and sales division of ELCOT.
- g) End-of-Life (EOL)** means a product that has been formally discontinued by the OEM for sale or support.
- h) Equivalent** means a product meeting or exceeding the minimum technical, performance, and lifecycle requirements specified in this tender.
- i) L1 Bidder** is one who quotes the lowest rate for a Technically, and Financially acceptable bid and declared as such by ELCOT

j) The useful **Life Cycle** of the item required in the Tender including Warranty and Comprehensive Maintenance period.

k) OEM (Original Equipment Manufacturer) means an entity that (i) manufactures the end product, or (ii) owns or lawfully controls the intellectual property rights in such end product and authorises its manufacture and supply, in each case for the goods supplied under this tender.

For the purposes of this tender, OEM shall also include the OEM's wholly owned subsidiaries, group companies, and Indian subsidiaries/affiliates, in which the OEM has a stake(in the case of a global OEM) that are duly authorised by the OEM for such operations in India.

OEM shall not include dealers, distributors, vendors, system integrators, or authorised third-party resellers, by whatever name they are called.

l) Overall L1 Bidder: The Bidder who has quoted the Lowest aggregate Price.

m) Purchaser: ELCOT on behalf of Inspector General of Registration, Registration Department, Government of Tamil Nadu

n) Rules: Rules means The Tamil Nadu Transparency in Tenders Rules 2000 as amended from time to time.

o) Service Centre: Service Centre means the centre or place, wherein the Bidder, inter-alia undertakes and performs the service activities relating to the tendered items indicated in the tender

p) Successful Bidder: Successful Bidder means the Bidder who becomes Successful through the Tender process and declared as such by ELCOT

I. NOTICE INVITING TENDER



**Government of Tamil Nadu
ELECTRONICS CORPORATION OF
TAMIL NADU LIMITED – ANGADI DIVISION**



9th Floor, Sigapi Aachi Building, 18/3, Rukmani Lakshmipathi Road,
Egmore, Chennai-600 008.

<https://elcot.tn.gov.in> | +91 44 2855 6120 | tenders@elcotangadi.in

NOTICE INVITING TENDER

Tender No. E-ANGADI-ST-CT02-2026-0019-2

In continuation of Notice Inviting Tender, Dated: 13.03.2026. ELCOT Angadi Division invites **second call** for "Tender for Supply, Installation, Commissioning and Maintenance of CCTV System for IGR 3.0 project under Lease cum Service model for a period of 5 years". Last date for submission of e-bids: 18.06.2026, 3.00 PM. For complete details, please visit www.tntenders.gov.in. For queries: tenders@elcotangadi.in.

MANAGING DIRECTOR

II. TENDER DATA SHEET

1	Tender Inviting Authority, Designation and Address	Managing Director, Electronics Corporation of Tamil Nadu Limited, ELCOT Angadi, 9 th Floor, Sigapi Aachi Building, 18/3, Rukmani Lakshmi pathi Road, Egmore, Chennai – 600008 Phone: +91 44 2855 6120 tenders@elcotangadi.in
2	Tender Accepting Authority	Sub-Committee of the Board of Directors, ELCOT
3	Name of the Work	Tender for Supply, Installation, Commissioning and Maintenance of CCTV Systems for IGR 3.0 project under Lease cum Service model for a period of 5 years
4	Tender reference	E-ANGADI-ST-CT02-2026-0019-2
5	Installation/Place of work	At the locations mentioned in Tender across Tamil Nadu
6	Tender documents available place	Tender documents can be freely downloaded from https://tntenders.gov.in and https://elcot.tn.gov.in/ till the closing date and time of the Tender.
7	Earnest Money Deposit (EMD)	Rs.50,00,000/- (Rupees Fifty Lakhs only) shall be submitted only by online payment through e-Tender Portal (https://tntenders.gov.in) or through electronic Bank Guarantee (e-BG) through e-Tender Portal (https://tntenders.gov.in) itself. (EMD of all bidders other than successful bidders shall get refunded automatically) Payment of EMD in any mode other than the above shall lead to summary rejection of bids.

8	Tender submission	Two part tender comprising of technical bid and price bid shall be submitted electronically through the e-Tender Portal https://tntenders.gov.in
9	Bid signing	Bidder shall possess valid Class 3 - Signing and Encryption Digital Signature Certificates for signing the Bids
10	Help manuals for e-Tender	Bidder may download the help documents and user manuals from https://tntenders.gov.in
11	Due Date and Time of submission of Tender	18.06.2026, 03.00 PM at the URL mentioned in S. No (8) above.
12	Date, Time and Place of opening of the Bids	18.06.2026, 03.30 PM at ELCOT Angadi, 9th Floor, Sigapi Aachi Building, 18/3, Rukmani Lakshmipathi Road, Egmore, Chennai – 600008
13	Date, Time and Place of opening of the Price Bids	Shall be intimated only to the technically qualified Bidders
14	Bid validity	Bid validity shall be 90 days

III. PREAMBLE

ELCOT Angadi is the procurement and e-commerce division of Electronics Corporation of Tamil Nadu Limited (ELCOT), a Government of Tamil Nadu undertaking. ELCOT through its ELCOT Angadi Division, acts as a procurement facilitator for IT hardware and services procurement by various Government and quasi-government agencies of Government of Tamil Nadu.

As part of the procurement activities, ELCOT Angadi division has already invited tender for "Supply, Installation, Commissioning and Maintenance of CCTV Systems for IGR 3.0 project under Lease cum Service model for a period of 5 years for Registration Department through ELCOT Angadi e-Commerce portal (Tender ID: E-ANGADI-ST-CT02-2026-0019) Dated 13.03.2026".

Due to technical glitches, E-Angadi is inviting bids for "Supply, Installation, Commissioning and Maintenance of CCTV Systems for IGR 3.0 project under Lease cum Service model for a period of 5 years for Registration Department through ELCOT Angadi e-Commerce portal" as second call with same specifications as per previous tender including corrigenda issued.

Registration Department, Government of Tamil Nadu acts as a custodian of records relating to transfer of properties, marriage registration, societies, firms and issuing of births & and deaths, Christian marriage extracts. Registration department has implemented Closed-Circuit Television (CCTV) surveillance systems across all 590 Sub-registrar offices in Tamil Nadu to provide an additional layer of protection and verifiable evidence during registration proceedings.

In the existing system, exact video grab of the registration event is

handed over to the "Return to Party" in the form of Video CD. The current IP camera project 2.0 project was implemented through Lease cum Service method and the maintenance period is completed.

It is proposed to undertake the present procurement under "**Lease cum service model**". Under this method the successful contractor should supply, install, commission and maintenance of the IT equipment as per the specification given in the tender and provide the services as per the scope of work, terms and conditions of the tender / contract and the SLA (Service Level Agreement) for a defined period (in this case five years) and transfer the assets in full working condition to the Customer Department on completion of the Lease Cum Service (LCS) period on a pre-defined cost of Rs.1,000/- per location (in this case of Registration Department, it is 590 locations = Rs.5,90,000/- (Rupees Five Lakhs Ninety Thousands Only). The payment will be made **on quarterly basis (20 quarters) by the Inspector General of Registration** for the IT assets and monthly basis for manpower (IP Camera Operator - IPCO); on scrutiny and acceptance of the supporting documents.

Role of ELCOT:

ELCOT undertakes finalization of technical specifications in coordination with the Registration Department, floating of tender, issue of LoA and on-boarding of the tender.

Role of Registration Department:

The Registration Department will execute the "**Lease cum service agreement**" with the successful bidder, undertake supervision and monitoring of supply, installation and commissioning, undertake all payments under the project and all other aspects and steps regarding the project throughout the project cycle.

IV. GENERAL CONDITIONS OF TENDER

1. General Instructions

- a) Every effort has been made to provide comprehensive and accurate background information, requirements and specifications in this Tender.
- b) This Tender process is governed by The Tamil Nadu Transparency in Tenders Act 1998 and The Tamil Nadu Transparency in Tenders Rules 2000 as amended from time to time.
- c) In case of any conflict between the terms and conditions in the Tender document and the Tamil Nadu Transparency in Tenders Act 1998 and The Tamil Nadu Transparency in Tenders Rules 2000, the Act and Rules shall prevail.
- d) In this Tender unless a contrary intention is evident:
 - i. The clause headings are for convenient reference only and may not be part of this Tender.
 - ii. Unless otherwise specified, a reference to a clause number is a reference to all of its sub-clauses;
 - iii. Unless otherwise specified, a reference to a clause, sub-clause is a reference to a clause, sub-clause of this Tender including any amendments or modifications to the same from time to time;
 - iv. A word in the singular includes the plural and a word in the plural includes the singular;
 - v. A word importing a gender includes any other gender;
 - vi. A reference to a person includes a body corporate or a legal entity;
 - vii. A reference to legislation includes legislation which is in effect during the period of contract;
 - viii. Where a word or phrase is given a meaning, it includes the appropriate grammatical forms of that word or phrase which have corresponding meanings.

- ix. In the event of an inconsistency between the terms of this Tender and the Bid, the Terms & Conditions hereof shall prevail.
 - x. The terms Contractor and SI means the same person.
- e) The Bidders are required to examine the instructions, terms and conditions and specifications given in the Tender.
 - f) The Bidder shall be deemed to have been fully satisfied itself before Bidding as to the correctness and sufficiency of its Bids for the Contract and Price quoted in the Bid to cover all obligations under this Tender.
 - g) It shall be the responsibility of the Bidder that all factors have been investigated and considered while submitting the Bids and no claim whatsoever including those of financial adjustments; time schedule to the Contract awarded under this Tender shall be entertained by ELCOT on account of failure by the Bidder.
 - h) Failure to furnish all required information in every aspect shall be at the Bidder's risk and may result in the rejection of Bid.
 - i) Bid with conditions other than those specified in the Tender document is liable to be summarily rejected. No modification by the Bidder in any of the conditions shall be permitted.
 - j) No commitment of any kind, contractual or otherwise shall exist unless and until Letter of Acceptance/Award is issued as per the terms and conditions of the tender.
 - k) It shall be imperative for each Bidder(s) to familiarise itself with the prevailing legal situations for the execution of Contract. ELCOT shall not entertain any request for clarification from the Bidder regarding such legal aspects.
 - l) It must be clearly understood that the Terms and Conditions, specifications are intended to be strictly enforced. No escalation of cost in the Tender by the Bidder shall be permitted throughout the period of Contract.
 - m) The Contractor shall make all arrangements as part of the Contract to supply commission and train the beneficiaries at various locations at

their own cost and transport.

- n) The Contractor shall be fully and completely responsible to ELCOT and the End User for all the deliveries and deliverables.
- o) The Contractor and the OEM of the Item offered are jointly and severally responsible for the product specifications and its performance as required in the Tender document.
- p) Any Bidder who is blacklisted by ELCOT or any State or Central Government or its agencies shall not be eligible to bid for the Tenders of ELCOT. Bidder shall give an undertaking in this regard.
- q) In case Bidder conceals any fact that materially affects the tender, the bid will be summarily rejected
- r) In case any show cause notice has been issued by ELCOT for poor performance to any of the bidder, then ELCOT reserves the right to disqualify the bid submitted by such Bidder.

2. Pre-Bid meeting and clarifications

- a) Since this is a second call, no Pre-Bid meeting is scheduled. However, any clarifications shall be requested in the format in **Annexure – 11.**
- b) The prospective Bidder shall have to ensure that their queries/clarifications are emailed to ELCOT in the prescribed format and only those queries/clarifications addressed to the designated e-mail in prescribed format shall alone be considered.
- c) No queries received within 48 hours before the scheduled tender opening time shall be entertained or responded. Bidder shall have no right to make any claims based on any query raised in this manner.
- d) No queries received in any other manner or received at any other time other than specified above or received in any email other than the designated email shall not be treated as a 'query' for the purpose of this tender. No response will be given to such communications and no person can have any claims in this regard.

3. Amendments to the Tender

- a) ELCOT may amend the Tender document as per requirements or wherever ELCOT feels that such amendments are absolutely necessary. Amendments also may be made in response to the queries by the prospective Bidder.
- b) The responses given for pre-bid query, corrigendum, addendum or any amendments shall form part of the tender and shall be notified in <https://tntenders.gov.in> from time to time.
- c) The Bidder shall periodically check for the amendments or corrigendum or information in the websites till the closing date of the Tender. ELCOT shall not make any individual communication to the bidders and shall in no way be responsible for any ignorance pleaded by the Bidder.
- d) No clarifications would be offered by ELCOT within 48 hours prior to the due date and time for opening of the Tender.
- e) ELCOT at its discretion may or may not extend the due date and time for the submission of Bids on account of amendments.
- f) ELCOT is not responsible for any misinterpretation of the provisions of this Tender document on account of the Bidder's failure to keep them updated of the Bid documents on changes announced in the website.

4. Language of the Bid

The Bid prepared by the Bidder as well as all correspondence and documents relating to the Bid shall be in English only. The supporting documents and printed literature furnished by the Bidder may be in another language provided they are accompanied by an accurate translation in English duly notarised, in which case, for all purposes of the Bid, the translation provided by the Bidder shall govern. Bids received without such translated copies are liable to be rejected.

5. Bid Currency

Price shall be quoted in Indian Rupees (INR) only and payment shall be

made in Indian Rupees only. Exchange rate risk and all other similar risks, if any, shall be borne by the bidder.

6. Labour Laws Compliance

The Contractor shall be solely responsible for payment of remuneration to the employees employed for the performance of the obligations and to comply with the Rules and Regulations as laid down in Payment of Wages Act, 1936, Minimum Wages Act, 1948, Workmen's Compensation Act, 1923, Industrial Disputes Act, 1947, Employees State Insurance Act, 1948, Contract Labour (Regulation and Abolition) Act, 1952, Payment of Bonus Act, 1965, Employees Provident Funds and Miscellaneous Provisions Act, 1952, Shops and Establishment Act, Factories Act, 1948 and all the applicable Laws from time to time. Any consequences arising due to non-compliance of the provisions as specified above shall be the sole responsibility of the Contractor. The relationship between the parties is on principal to principal basis and cannot be construed as partnership, agency, delegations or contract labour, etc.

7. Conflict of Interest

Bidder shall furnish an affirmative statement as to the absence of, actual or potential conflict of interest on the part of the Bidder due to prior, current, or proposed Contracts, engagements, or affiliations with other Organizations of the State Government. Additionally, such disclosure shall address any and all potential elements (time frame for service delivery, resource, financial or other) that would adversely impact the ability of the Bidder to complete the requirements as given in the Tender document. Declaration to this effect shall be submitted by the Bidder in the prescribed format given in the Tender document.

8. Letter of Authorisation

Letter of Authorisation or Power of Attorney from the Board of Directors / Competent authority shall be submitted in the Technical Bid, failing which

the Bids shall be summarily rejected.

9. Tender Validity

- a) The offer submitted by the Bidder shall be valid for a period of **90 days** from the date of opening of Tender.
- b) The validity of the Bids shall be extended for such period as mentioned in the Act and Rules when extension is sought by the Authority.

10. Contacting Tender Authorities

- a) Bidder shall not make attempts to establish unsolicited and unauthorized contact with the Tender Accepting Authority, Tender Inviting Authority or Tender Scrutiny Committee after the opening of the Tender and prior to the notification of the Award.
- b) Any attempt by any Bidder to bring to bear extraneous pressures on the Tender Accepting Authority or Tender Scrutiny Committee shall be a sufficient reason to disqualify the Bidder.
- c) Notwithstanding anything mentioned above, the Authority may seek bonafide clarifications from Bidder relating to the Tenders submitted by them during the evaluation of Tenders. The bidder is bound to furnish the clarification sought by ELCOT and failure to do so may lead to summary rejection of the tender.

11. e-Tender Procedure

- a) Tender document is uploaded in the e-Tender portal <https://tntenders.gov.in>. The prospective Bidder shall register themselves in the e-Tender Portal (<https://tntenders.gov.in>) and submit the Bids electronically through the e-Tender portal.
- b) It is mandatory for the Bidder to possess a valid Class -3 Signing and Encryption Digital Signature Certificate in the name of the Tender submitting authority to complete the e-Tender Bid process as per the provisions of Government of India IT Act 2000 with latest amendments.

- c) Digital Signature Certificates can be obtained from the authorized certifying agencies, details of which are available in the web site <https://tntenders.gov.in> under the link "Information about DSC".
- d) The website has user manuals with detailed guidelines on enrolment and participation in the online Bidding process. The user manuals can be downloaded for ready reference.
- e) The Bidders are requested to download the e-Tender help manual and user manuals from the Portal for reference.
- f) The registered Bidder can log into the e-Tender portal and download the Bid Forms and Tender document /corrigendum as applicable and go through them carefully.
- g) Bidder shall go through the Tender documents and get ready with all relevant documents in PDF/XLS/RAR formats as indicated therein and then have them uploaded against each category. In the Technical Bid, Bidder may attach an index page wherever necessary, in the beginning, which indicates the details of the files/documents that follow the index page against Technical Bid content indicated. This shall also help for easy reference later.
- h) While scanning the Bid documents to convert to PDF, Bidder shall scan the page in 65 to 100 dpi mode, to get a readable page after scanning and also the size of the document shall also be lesser. For pages in text, it is advised to use 65 dpi mode and for pages with images, 100 dpi mode.
- i) Bidder shall be ready with the Technical Bid and Price Bid in filled form well in advance to avoid last minute submission and once the bids are ready in all aspects, they may choose the freeze option to submit the Bid finally and thereafter they shall get a **Bid acknowledgement receipt** which is the final end, indicating the Successful submission of the Bid.
- j) The Technical and Price Bids shall be submitted separately using the Digital Signature Certificates.

- k) Bidder can do the resubmission of the Bid any number of times, either Technical Bid or Price Bid or both till the closure of bid.
- l) The Bids shall be submitted online not later than the date and time specified in the Tender Schedule or Corrigendum if published. E-Tender portal shall automatically lock the date and time exactly on the date and time.
- m) Even if the Bid submission is in half way through during the closing date and time, submission would not be possible. Hence the Bidder should be cautious to submit the Bids well in advance to avoid failures in the submission of their bids.
- n) ELCOT shall not be responsible for the failure of the Bidder to submit the Bids due to any reason.
- o) For all Tender processing activities, the server time indicated at the top of the e-Portal, while doing Bid submission/Tender opening activities shall be final. The Local system time shall not be taken into account in such case.
- p) The e-Tender system shall issue a Bid **acknowledgement receipt** which is the final proof for the Successful Bid submission.
- q) Bidder may contact the Helpdesk at National Informatics Centre for support on the Tender portal.

12. Preparation and Submission of Bids

- a) Bidder should examine all Instructions, Terms and Conditions and Technical specifications given in the Tender document. Failure to furnish information required by the Bid or submission of a Bid not substantially responsive in every aspect shall be at the Bidder risk and may result in rejection of Bids.
- b) Any bid with conditions other than those specified in the Tender document is liable to be summarily rejected. No modification by the Bidder in any of the conditions shall be permitted.
- c) **The Bidder shall duly fill, sign and stamp on all pages of the Tender documents, all statements, certificates uploaded by**

them, owning responsibility for their correctness/authenticity. Not signing in any of the document may lead to rejection of the Bid.

- d) The Bid shall contain no inter-lineation, erasures or overwriting except as necessary to correct errors made by the Bidder in which case such corrections shall be counter signed by the Authorised person with date.

13. Submission of hard copy of bid document

- a) The bidders are requested to handover a hardcopy of the tender document along with annexures scanned and uploaded by them in the website **(excluding price bid form)** to ELCOT during bid opening, without fail.
- b) This is only for the sake of convenience of evaluation and shall not be treated as a tender document under TNITT Act or Rules.
- c) No bid shall be disqualified merely for non-submission of hard copy.
- d) In case of any discrepancy between hard copy and the scanned copy submitted in the e-tender portal, **only the document/ data submitted in the online portal will be considered as valid.**

14. Technical Bid Form

- a) Bidder has to upload the relevant documents in the format, as sought in the Tender against each Item. The Bidder has to verify each uploaded document and sign the same using the Digital Signature Certificate (DSC) before final submission of the bid.
- b) The Technical Bid Format shall not be changed or altered or tampered. If the Bid format is found to be tampered/alterd, the Bids shall be summarily rejected.
- c) The Technical Bid documents shall not strictly contain any Price indications, failing which the Bids shall be summarily rejected.
- d) The Technical Bid format as given in the Tender shall be filled and

signed using the DSC and the scanned copy in the prescribed format shall be submitted.

- e) The supporting documents and other documents shall be submitted as PDF in the Technical Bid.

15. Price Bid Form

- a) Bidder shall submit a Price Bid letter in PDF in the format annexed.
- b) The Price Bid Form called as the Bill of Quantity (BOQ) shall be in spread sheet format (xls). The original BOQ shall be downloaded from the Tender site, filled in at the appropriate places indicated in offline and then it has to be uploaded with the same name against the Price Bid option. The BOQ has to be verified and then signed using the DSC before final submission.
- c) The Price Bid Form shall not be changed or altered or tampered. If the Bid form is tampered/altered, the Bids shall be summarily rejected.
- d) The Price Bid Form shall contain only price offers.
- e) The cost quoted by the Bidder shall include cost and expenses on all counts viz., cost of equipment, materials, tools, software, techniques, methodologies, manpower, supervision, administration, overheads, travel, lodging, boarding, in-station & outstation expenses, etc., and any other cost involved in the supply.
- f) The Bidder shall give the total Price with break up details of all Levies, Taxes & duties, Surcharges, EPF, ESI, Packing, Forwarding, Freight and insurance, etc.
- g) The cost of the Comprehensive Annual Maintenance shall not be greater than 10% of the basic cost of the Item/Solution for any year.
- h) The negotiated Price shall be kept firm by the Successful Bidder for a period specified in the Tender. The Successful Bidder should keep the Price firm during the period of Contract including period of extensions, if any.
- i) Escalation of cost shall not be permitted during the said periods or during any period while providing services whether extended or not

for reasons other than increase of duties / taxes payable to the Governments in India within the stipulated delivery period. The Bidder should particularly take note of this factor before submitting the Bids.

- j) The Price finalised after negotiations should be kept valid during the Contract period including extensions and no escalation in the final Price shall be entertained including reasons due to Foreign Exchange fluctuations.
- k) Exchange Rate fluctuations (Foreign Currency Rate Exchange) cannot be cited as reasons for the delay or dishonour of LoA.

16. Price Adjustment Clause

As per TNTIT Rules 14 (8), the price adjustment shall be applicable as follows.

"(8) The tender documents shall include a price adjustment clause to reflect any changes either upward or downward in major cost components such as labour, equipment, material and fuel, based on a prescribed formula in the case of large contracts where the period of execution is likely to exceed eighteen months."

Subject to the above, the Price Adjustment shall be applicable in case of availability of any electronic hardware price index when proposed by appropriate Government authority.

17. Cost of Bidding

The Bidder shall bear all costs associated with the Preparation, Submission and Evaluation of Bids including the cost for Sample evaluation and Demonstration. ELCOT/End User shall in no way be responsible or liable for the charges/costs incurred regardless of the conduct or outcome of the Bidding process.

18. Earnest Money Deposit (EMD)

- a) EMD amount as specified in the Tender Schedule shall be during bid

submission by online payment through e-Tender Portal **or** through electronic Bank Guarantee (e-BG) through e-Tender Portal (<https://tntenders.gov.in>) only.

- b) Documentary proof of having deposited the EMD shall be submitted under Technical Bid.
- c) If the Successful Bidder fails to act according to the Tender conditions or backs out or fails to accept the LOA, after the Tender has been accepted, the EMD shall be forfeited by ELCOT.
- d) If the Successful Bidder fails to remit the Security Deposit, or sign the Contract the EMD remitted by them shall be forfeited by ELCOT and the Tender submitted by the Bidder shall be held void.
- e) The Earnest Money Deposit (EMD) of the Successful Bidder shall be returned when the Successful Bidder furnishes the required Security Deposit and after confirmation of the genuineness of the Bank guarantee from the issuing Bank in case of Bank Guarantee.
- f) EMD of the unsuccessful Bidder shall be returned after Signing of Contract with the Successful Bidder.
- g) Bidder with valid MSME certificate on the date of opening of Bids is exempted from the Payment of EMD. Copy of the MSME certificate shall be submitted in the Technical Bid. Udyam Registration Number certificate should broadly cover the Equipment/Service called for in the Tender.

EMD exemption is applicable only if the product is manufactured by the bidder (i.e. MSME OEMs only) on submission of Udyam Certificates. This benefit shall not be applicable for traders, resellers, etc.

19. Withdrawal of Bids

No Bidder shall be allowed to withdraw the Tenders after submitting the Bid. Any violation shall lead to forfeiture of EMD and such other consequences as may be provided.

20. Resubmission of Bids

A Bidder may submit a modified Bid before the last date for receipt of Bids. Provided that where more than one Bid is submitted by the same Bidder, the lowest eligible Price Bid shall be considered for evaluation.

21. Bid Opening

- a) The Bid shall be opened on the date and time as specified in the Tender schedule in the presence of that Bidder, who chooses to be present against production of an authorisation letter from the Bidder.
- b) Maximum of two representatives for each Bidder would be allowed to attend the Tender opening.
- c) If the date of opening of the Bids happens to be holiday, the Tenders shall be opened on the next working day at the same time and the same venue.

22. Initial Scrutiny

Initial Bid scrutiny shall be conducted and incomplete details as given below shall be treated as non-responsive.

If Tenders are;

- a) not submitted in two parts as specified in the Tender
- b) received without the Letter of Authorisation
- c) received without EMD amount except Bidder with valid MSME certificate
- d) found with suppression of information or incomplete information
- e) furnished with subjective and conditional offers.
- f) submitted without supporting documents in compliance to the Eligibility Criteria and Evaluation Criteria
- g) non-compliance of any of the clauses stipulated in the Tender
- h) lesser validity period
- i) All responsive Bids shall be considered for further evaluation. The

decision of ELCOT shall be final in this regard.

23. Technical Evaluation

- a) Tender Scrutiny shall be undertaken after the due date of submission of Bid.
- b) The Bids shall be evaluated based on the eligibility criteria and evaluation criteria given in the tender document.
- c) The Bids which did not meet the eligibility criteria and Evaluation Criteria shall be summarily rejected and further evaluation shall not be carried out.
- d) If required by the ELCOT/end user, evaluation of samples of the item/demonstration of solution offered shall be undertaken as a part of the evaluation.
- e) In such cases, Bidder must submit Samples as required in the Tender document at its own cost and effort within the stipulated time specified by ELCOT.
- f) Any bidder failing to provide product demonstration on stipulated date and time shall be disqualified without any further notice. No extension or change of date shall be permitted.
- g) ELCOT may waive any minor infirmity or non-conformity or irregularity of a substantially responsive Bid which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of the other Bidder.
- h) For those Bidders who have already worked or working with ELCOT, their previous performance in ELCOT would also be one of the criteria for selection. If any unsatisfactory performances of the Bidders are found, their Bids may be rejected. Unsatisfactory performance is defined as
 - i. Non-responsiveness after getting the LOA
 - ii. Delay in supply, installation of the ordered Items etc.
 - iii. Lack of communication about the delay in deliveries, Installation etc.

- iv. Poor support during warranty and CAMC period.
- v. Delay in providing services citing reasons of OEM's support issues.
- i) Decision of ELCOT is final and no dispute can be raised by any Bidder for rejection of their Bids and no claims on this account shall be entertained.
- j) The Bidders whose Bids meet the Eligibility Criteria and Technical specifications of the products will be qualified for opening of financial bids.

24. Clarification by ELCOT

- a) When deemed necessary, ELCOT may seek bonafide clarifications on any aspect from the Bidder. However, that would not entitle the Bidder to change or cause any change in the substance of the Bid or Price quoted. No post Bid clarification at the initiative of the Bidder shall be entertained.
- b) If any of the documents, required to be submitted along with the Technical Bid is found wanting, the offer is liable to be rejected at that stage. However, ELCOT at its discretion may call for any clarification regarding the document within a stipulated time period. In case of non-compliance to such queries, the Bid shall be rejected without entertaining further correspondence in this regard.
- c) In case if the Bidder failed to comply with the requirements of ELCOT, such Bids may at the discretion of ELCOT, shall be rejected as Technically non-responsive.

25. Summary Rejection of Bids

Notwithstanding anything contained elsewhere in this Tender Document, **ELCOT reserves the right to summarily reject any bid at any stage of evaluation**, if the bidder is found to fall under any of the following conditions:

- a) **Non-Responsive Bids:** Any bid which is determined to be materially or substantially non-responsive to the eligibility criteria, technical specifications, commercial terms, or other requirements of the Tender Document, in accordance with the provisions of the *Tamil Nadu Transparency in Tenders Act, 1998* and the Rules framed thereunder, shall be liable for rejection.
- b) **Unsatisfactory Past Performance in ELCOT Contracts:** Any bid submitted by a bidder and/or Original Equipment Manufacturer (OEM) who, in respect of any tender floated by ELCOT, after issuance of a Letter of Award (LoA) or Work Order:
- i. has failed to supply goods or deliver services, either wholly or partially; or
 - ii. has withdrawn, abandoned, or failed to honour contractual obligations; or
 - iii. has caused termination of contract due to default,
 - iv. shall be liable for summary rejection for a period up to **three (3) years** from the date of such LoA/Work Order or for the duration of any restriction or blacklisting imposed by ELCOT, whichever is earlier.
- c) **Blacklisting / Debarment by Government Authorities:** Any bid submitted by a bidder who is under blacklisting, debarment, or business restriction imposed by any Central Government Department, State Government Department, Government Agency, Statutory Authority, or Public Sector Undertaking (PSU), as on the date of bid submission, shall be liable for rejection during the validity period of such blacklisting or debarment.
- d) **Incomplete or Abandoned Government Contracts:** Bidders who have, after receipt of Work Order or Contract Award from any Government Department, Government Agency, or PSU, abandoned, prematurely terminated, or left contractual obligations substantially

incomplete due to reasons attributable to the bidder, may be disqualified from participation in this tender.

- e) **Decision of ELCOT:** The decision of ELCOT in determining the responsiveness of bids and assessment of bidder performance history shall be **final and binding**, subject to applicable provisions of the Tamil Nadu Transparency in Tenders Act and Rules.

26. Price Bid Evaluation

- a) Price bids of those bidders who have qualified in the technical evaluation as above shall be opened.
- b) The Price Bid should include all expenses towards this Tender. The Price Bids of the Technically Qualified Bidders will be opened and evaluated.
- c) No modification of any documents or any quotes shall be allowed at any stage.
- d) Price Bids shall be opened in the presence of the Bidder who chooses to be present at ELCOT. The Bidder or their authorised representatives shall be allowed to take part in the Price Bid Opening.
- e) Price Bid evaluation will be done as per the Tamil Nadu Transparency in Tenders Act 1998 and Tamil Nadu Transparency in Tender Rules 2000 there on.
- f) The prices will be evaluated as follows and the decision of ELCOT will be the final.
 - i) The Price Bid Evaluation shall include all taxes and levies imposed by the Governments in India as part of the price. The GST rates quoted should comply with the statutory guidelines and will be paid as applicable at the time of billing. In evaluation of the Price of an imported Item, the Price shall be determined inclusive of the Customs duty and such other levies, if any. If a Bidder quotes a different tax rate, then ELCOT shall evaluate by correcting the tax rate at the existing level.

- ii) The bidder quoting lowest price bid fulfilling all terms and conditions will be called the L1 Bidder.
- iii) In case of partial bids (only if permitted in Special Conditions) the lowest price bid fulfilling all terms and conditions in the category/item will be called as L1 bidder for that category/item.
- iv) However the L1 bidder shall be asked to match the L1 price of the individual items in the category and corresponding Add-on and CAMC charges (as may be applicable), where they have not become L1.
- v) The total cost (including applicable taxes, duties and charges prevailing at the time submitting the bid) as prescribed in the Price Bid will be taken for the price bid evaluation.
- g) The Bidder, who has been selected after the Price Bid evaluation will be called as Successful Bidder.
- h) The Successful Bidder cannot claim orders from ELCOT as a matter of right. The final decision for procurement of tendered items will be decided by ELCOT, in consultation with the end user department.
- i) ELCOT reserves the right to cancel the tender and retender to invite the competitive offers / quotes after a thorough analysis of the tender specification terms and conditions.
- j) The Successful Bidder shall not sell the Tendered items to any other Purchaser at a price which is lower than the final negotiated price offered to ELCOT. If it is found that the item has been sold at lower rate, then that lower price will be fixed by ELCOT for that item in future and also for the already supplied quantities under this tender.
- k) The successful bidder/s should supply, install and commission the ordered items only as per the approved specification and as per the OEM's MAF conditions. If Bidder(s) found violating the conditions, then the tender is liable for cancellation and penal action will be initiated against the erring bidder or OEM including blacklisting them.
- l) The Tender Accepting Authority may reject a Tender or the Price offered by a Bidder for an item, if it has determined that the Price

Bid/Price in combination with other constituent elements of the Tender is abnormally low or abnormally high in relation to the subject matter of the procurement and raises concerns with such authority as to the ability of the Bidder to perform the Contract.

- m) Negotiations shall be conducted with L1 Bidder for improvement in the scope, reduction in Price, enhancement of warranty and advancement of delivery schedule.
- n) ELCOT reserves the right to reject any or all of the Tenders received without assigning a reason.
- o) The Bidder's financial/commercial/BOQ offer shall be valid for at least Six months from the date of opening of Tender.
- p) ELCOT reserves the right to reject any or all of the Tenders received without the assignment of a reason.
- q) The decision of ELCOT is final in the Price Bid Evaluation.

27. Suppression of facts and misleading information

- a) During the Bid evaluation, if any suppression or misrepresentation or any of its kind, is brought to the notice of ELCOT, then ELCOT shall have the right to reject the Bid and if after selection, ELCOT would terminate the Contract without any compensation to the Contractor and the EMD/SD, as the case may be, shall be forfeited.
- b) Bidder shall note that any figures in the proof documents submitted by the Bidder for proving their eligibility is found suppressed or erased, ELCOT shall have the right to seek the correct facts and figures or reject such Bids.
- c) The Tender calls for full copies of documents to prove the Bidder's experience and capacity to undertake the project. It is up to the Bidder to submit the full copies of the proof documents to meet out the criteria. Otherwise, ELCOT at its discretion may or may not consider such documents.
- d) ELCOT reserves the right to cancel the Tender and retender at its discretion. The decision of ELCOT is final in this regard.

28. Acceptance of Tender and Withdrawals

- a) ELCOT reserves the right to reject wholly or partly any or all the Tenders without assigning any reason, or relax or waive any of the conditions stipulated in the terms and conditions of Tender as deemed necessary in the best interest of ELCOT/End User.
- b) The Tender Accepting Authority may also reject all the Tenders for reasons such as change in Scope, Specification, lack of anticipated financial resources, court orders, calamities or any other unforeseen circumstances.
- c) After acceptance of the Tender by ELCOT, the Successful Bidder shall have no right to withdraw their Tender or claim higher Price and any violation shall lead to forfeiture of EMD/SD.

29. Letter of Award (LOA)

- a) After successful completion of the negotiations and after acceptance of the Tender by ELCOT, Letter of Award shall be issued to Successful Bidder.
- b) Letter of Acceptance / Letter of Award / LoA are one and the same. No separate orders shall be issued.

30. Payment of Security Deposit (SD)

- a) The Successful Bidder shall be required to remit a Security Deposit (SD) as mentioned in special conditions (as applicable).
- b) The proceeds of the Security Deposit shall be payable to the ELCOT as a guarantee of the Successful Bidder's performance of the Contract and compensation for any loss resulting from the Successful Bidder's failure to perform the obligations under the Contract and warranty obligations.
- c) The Security Deposit shall be submitted as Bank Guarantee from Nationalised / Scheduled Public Sector Bank in the format annexed
- d) The SD shall be paid by the Successful Bidder **within 10 days** from

the date of issue Letter of Award (LOA) by ELCOT. ELCOT reserves the right to extend the time limit if the reasons on which the extension is sought are deemed fit.

- e) The Bank Guarantee shall be valid for a minimum period of **six months** beyond the date of completion of commissioning of the final unit.
- f) The Security Deposit shall be refunded to the Successful Bidder only after Successful completion of the Purchase/Work Order. Such completion would be arrived at when the entire quantity is supplied/Work is delivered by the Successful Bidder as per the Contract and as per the LOA or order including LoA(s) issued by ELCOT.
- g) If there are recoveries to be made, Successful Bidder shall deposit the money before the release of BG for getting the BG released and in failure to do so, BG shall be forfeited and recovery to be effected from the realized BG amount and the balance amount, if any, after adjustment of recoveries, shall be refunded to the Successful Bidder.
- h) The validity of the Bank Guarantee shall be extended by the Successful Bidder for appropriate period at its own motion and at its own cost in case of extension of the Contract.
- i) The Security Deposit held by ELCOT till it is refunded to the Successful Bidder shall not earn any interest thereof.
- j) The Security Deposit/EMD shall be forfeited if the Successful Bidder withdraws the Bid during the period of Bid validity specified in the Tender or if the Bidder fails to sign the Contract and their offer/Bid shall be held as non-responsive.

31. Execution of Contract

- a) Contract shall be signed with the Successful Bidder on submission of Security Deposit.
- b) The Successful Bidder should execute a Contract in the INR 100 non-judicial Stamp Paper bought in Tamil Nadu only in the name of the

Bidder **within 15 days from the date of issue of Letter of Award/**
within 7 days from the date of receipt of SD, whichever is earlier.

- c) The contract will be executed by the Managing Director/ Executive Director/ General Manager, ELCOT.
- d) The successful bidder is expected to **sign the contract only through Proprietor/ Partner/ Managing Director/ Director or Key Managerial Person** authorized by the bidder company for this purpose. The responsibility of any failure/ delay in execution of contract shall be the onus of the successful bidder only and appropriate action in accordance with tender condition shall be taken in such case.
- e) The tender document with all corrigendum, pre-bid responses and LoA shall form part of the contract agreement.
- f) The Contract shall include all such changes/modifications as may be indicated by ELCOT at the time of execution upon receipt of confirmation from ELCOT.
- g) The expenses incidental to the execution of the agreement should be borne by the Successful Bidder.
- h) The following documents shall be deemed to form and be read and construed as part of the Contract.
 - i) Technical Specifications
 - ii) Tender Terms and Conditions
 - iii) Amendments issued by ELCOT for the Tender document
 - iv) Corrigendum/Clarifications issued by ELCOT for the Tender Document
 - v) Detailed final offer of the Successful Bidder
 - vi) LoA(s) / Supply Order/ Purchase Order issued by ELCOT from time to time
 - vii) Correspondence made by ELCOT to the Successful Bidder from time to time during the period of the Contract.

- i) ELCOT/Purchaser may also procure, upon terms and in such manner as it deems appropriate, the goods and services through any Third party if the Successful Bidder fails to deliver and the Successful Bidder shall be liable to ELCOT for any additional costs for such similar goods and services.
- j) The conditions stipulated in the Contract agreement shall be strictly adhered to and violation of any of the conditions shall entail termination of the Contract without prejudice to the rights of ELCOT/Purchaser and ELCOT/Purchaser also has the right to recover any consequential losses from the Successful Bidder.
- k) The Successful Bidder shall supply, install and commission the ordered Items only as per the approved specification and as per the OEM's MAF conditions. If found otherwise or violating condition, the Contract is liable for cancellation and penal action shall be initiated against the erring Bidder or OEM.

32. Pre-loaded Software

- a) All items shall be supplied with full version of associated and required Software and Licenses for the entire period of Contract including upgrades.
- b) The licensed/supported version of the software shall be pre-loaded/loaded before delivery strictly as required in the Tender.
- c) The Price of preloaded Software and its Licenses shall be included in the Price of the Item.
- d) The license shall be in the name of End User and Original License shall be submitted to the End User at the time of delivery.
- e) In case of extensions of the Contract period, validity of the Software and License shall be extended accordingly.
- f) ELCOT/End User shall not be liable or responsible for any disputes arising out of Intellectual Property Rights. It is at the risk and liability of the Contractor when such dispute arises.

33. Warranty

- a) All the materials and components of the Tendered items shall be covered with warranty as stated in special conditions (as applicable), which includes licences for software and replacement of any spare parts if necessitated and if the spares are not available then complete replacement of the item(s) with an equivalent/higher/next generation model which is acceptable to ELCOT/End User shall be made without additional cost to the ELCOT/End User.
- b) The warranty period shall be calculated from the date of installation / commissioning of the IT products at the last location in the LoA evidenced from the date of signature of the End User in the Installation report.
- c) The Contractor shall be liable to make good the loss by replacing the items or other accessories found defective during the warranty period within the stipulated period, failure of which shall attract LD.
- d) Add-on items shall be supplied with negotiated warranty of the item, throughout the Contract period.
- e) LD during the warranty period shall be deducted from any payables to the Contractor including Security Deposit.

34. Comprehensive Annual Maintenance

- a) Post Onsite warranty period, all the materials and components supplied by the Contractor shall be offered Onsite Comprehensive Annual Maintenance, if specified in special conditions.
- b) The Contractor shall offer CAMC service beyond contract period if requested by ELCOT/End User.
- c) The terms of the CAMC shall be similar to the Warranty including replacement of parts excluding consumables and physical damages and Licences, excluding Consumables and physical damages
- d) CAMC charges shall be calculated and paid to the Contractor. The Contractor should submit the reports on Comprehensive Maintenance

performance obtained from all the locations with sign and seal to the Billing Authority. After perusal of the reports, the Billing Authority shall provide a Final performance report certification to the Contractor for processing CAMC payment.

- e) LD during CAMC period shall be deducted from the Comprehensive Annual Maintenance or any other charges payable.
- f) In case of extension of Contract, the CAMC Price of the previous year shall be CAMC for the extended year.
- g) The Technically Qualified Bidders will be negotiated to match the lowest CAMC Charge offered in the tender.

35. Liquidated Damages on Delivery

- a) The delivery period shall be considered from the date of issue of LoA. Delivery shall be completed within the stipulated period.
- b) Liquidated Damages shall be levied at the rate of 0.5% per week on the value of the un-delivered portion of the order value, if the delivery has not been completed in full within the stipulated period.
- c) The Liquidated Damages shall be capped at 10% of the value of the LoA.
- d) If the LD levied for non-delivery of a single item reaches 15% of the value of the item or total LD levied reaches the ceiling of 10% of the value of the LoA, ELCOT may terminate the Contract with the Contractor in part or full for default and forfeit the Security Deposit and take further action if required as permitted by the Contract and Law.
- e) Termination by ELCOT on this account shall not entail any compensation to the Contractor on account of items in transit/ordered or otherwise and the Contractor shall not make any claim in this regard.
- f) ELCOT reserves the right to blacklist the Contractor from taking part in any of the ELCOT tenders for a period up to 3 year from the date of blacklisting for failure to carry out supply in time or according to the

quality and quantity prescribed or any such similar reasons. This action shall be over and above the LD/Forfeit of SD/Termination of Contract.

- g) Blacklisting shall not relieve the Contractor from the liability of bearing the additional cost on account of procurement of items through other technically qualified Contractors or any other alternative sources.

36. Liquidated Damages for Deficiency in Performance

- a) Liquidated Damages shall be applied for not adhering to the conditions stipulated for the Onsite Warranty and Onsite CAMC.
- b) The time for the calculation of LD shall be counted from the time the issue is raised in the {Ticketing tool/Call/Mail/Others} to the time the issue is closed in the {Ticketing tool/Call/Mail/Others}.
- c) During the Onsite warranty and Onsite CAMC period, the complaints received shall be attended as below.
- i) Contractor shall ensure the availability of 24*7 support
- ii) All the complaints shall be attended immediately without any time delay
- d) If the complaint/issue is not rectified within the stipulated period, LD shall be levied as per the following table:

S. No	Complaint/Issue	Time for Rectification	LD (in Rs. Per day)
1	Delay in fixing issue/replacement of any device or other peripheral which was found to be faulty	Within 24 hours from the time of reporting issue	No LD
		Beyond 24 hours	0.2% of the value of the defective item per day will be deducted till the issue has been resolved/fixed

- e) The LD shall be deducted from the any payable/Security Deposit submitted by the Contractor during the Onsite warranty period and from CAM charges payable to the Contractor during the CAM period.

- f) The Contractor shall submit half-yearly reports on the maintenance and resolution of complaints/issues in the format to be prepared jointly by the End User and the Contractor and agreed by ELCOT.
- g) There is no ceiling on the LD on account of not adhering to the conditions stipulated for the Onsite Warranty and Onsite CAMC.
- h) ELCOT may terminate the Contract if the value of LD exceeds the Performance Security or the Maintenance Charges.
- i) ELCOT has the right to ask for additional Security Deposit beyond the Security Deposit mentioned in the LoA and Security Deposit collected based on the LoAs issued to manage the LD subject to ceiling of 5% of the total value of the LoA issued.
- j) In the event of loss sustained by the End User for non-fulfilment or non-observance of any of the conditions stipulated in the Tender Terms & Conditions and LoA, the Contractor shall pay as LD an amount equivalent to 10% of total value of LoA or an amount equal to the actual loss incurred by the End User whichever is higher subject to the condition that the loss amount would not exceed the value of the goods supplied/to be supplied.

37.Coordination of supply installation and Commissioning by E-Angadi

- a) All activities after the execution of agreement shall be coordinated by ELCOT Angadi Division.
- b) The successful bidder shall do all the coordination with E-Angadi. Supply and Installation coordination, billing and payment coordination, etc. will be handled at E-Angadi only.
- c) The Letter of Award shall be the LoA/ Work order. There shall be no separate purchase/ work order.
- d) ELCOT reserves the right to modify the scope or the quantity in the Tender document and the Successful Bidder shall undertake the work as in the Purchase/Work order.

- e) The Successful Bidder should nominate and intimate ELCOT a Nodal Officer for Single Point of Contact (SPOC), who should be responsible for effective delivery of work complying with all the terms and conditions. The Successful Bidder should ensure that the SPOC fully familiarises with the Tender Conditions, Scope of Work and deliverables.

38. Right to vary quantity

The final quantity ordered shall ordinarily be varied to the extent of twenty five percent either way of the requirement indicated in the Tender documents.

39. Inclusion of the products in ELCOT Rate Contract:

In order to provide the products for which the prices are discovered through this special tender, ELCOT, at its discretion, may include the products in its rate contract supply also, at the same price as provided in this tender, for upto one year from the date of issue of LoA. This can be further extended at the discretion of ELCOT and on mutual agreement between both parties.

40. Liability of ELCOT

- a) ELCOT shall not be liable to the Contractor for any losses or damages, costs, charges which the Contractor may in any way sustain/suffer due to any delay at the End User side.

41. Limitation of Liability

- a) In the case of Gross negligence or willful misconduct on the part of the Contractor executing the work or in carrying out the services, the Contractor, with respect to damage including to property and/or Assets/Sales/Revenue of ELCOT/End User shall regardless of anything contained herein, shall be liable for any direct loss or damage that is less than or equal to (A) the Total Contract Value of the Contract or (B)

the proceeds the Contractor may be entitled to receive from any insurance maintained by the Contractor, to cover such a liability, whichever of (A) or (B) is higher.

- b) There shall be no limitation of liability in respect of the Contractor in case of any damages for bodily injury (including death) and damage to real property and tangible personal property, other than as applicable under the relevant laws.
- c) The Contract does not grant or create any rights, benefits, claims, obligations or causes of action in, to or on behalf of any person or entity (including any third party) other than between the respective parties to the Contract, as the case may be.
- d) ELCOT/End User shall be entitled to claim the remedy of specific performance under the Contract. This right to claim for any damage shall be without prejudice to other rights and remedies available to ELCOT/End User under the Contract and law.
- e) ELCOT/End User shall be entitled without prejudice to its other rights and remedies, to deduct from the Price payable to Contractor and also to encash the Bank Guarantee for Security Deposit or any other Bank Guarantee, provided the total amount recovered does not exceed the Total Contract Value or the insurance cover, whichever is higher.

42. Assigning of Tender whole or in part

- a) The Contractor shall not assign or make over the Contract, the benefit or burden thereof to any other person or persons or body corporate for the execution of the Contract or any part thereof.
- b) ELCOT/End User reserves its right to cancel the LoA either in part or full, if this condition is violated.

43. Indemnity

The Contractor shall indemnify and defend ELCOT/End User and its representatives & employees and hold ELCOT/End User, its

representatives, employees harmless from

- a) Damages and losses to persons or property caused by Contractor's negligent or intentional act.
- b) Damages and losses to persons or property resulting from the non-compliance with the established obligations; Third Party claim against ELCOT/End User that any Deliverables/Services/Equipment provided by the Contractor infringes a copyright, trade secret, patents or other intellectual property rights of any third party, in which case the Contractor shall defend such claim at its expense and shall pay any costs or damages that may be finally awarded against ELCOT/End User.
- c) If any deliverable is or likely to be held to be infringing, the Contractor shall at its expense and option either (i) procure the right for End User to continue using it, or (ii) replace it with a non-infringing equivalent, or (iii) modify it to make it non-infringing.
- d) Any environmental damages caused by Contractor
- e) Any and all claims, actions, suits, proceedings, taxes, duties, levies, costs, expenses, damages and liabilities, including attorneys' fees, arising out of, connected with, or resulting from or arising in connections with the services provided by the Contractor due to neglect, omission or intentional act of the Contractor.

44. Force Majeure

- a) Neither party shall be liable for any failure or delay in the performance of its obligations under this Contract if such failure or delay is due to "Force Majeure" events beyond the reasonable control of the affected party. For the purposes of this Contract, Force Majeure shall include, but not be limited to, acts of God, war, terrorism, civil disturbances, epidemics or pandemics declared by competent authorities, natural disasters, governmental actions, strikes, lockouts, or other industrial disturbances (excluding those solely involving the Supplier's workforce), or any other unforeseeable and unavoidable events **which**

render the performance of the contract impossible or impracticable.

- b) The party affected by a Force Majeure event shall notify the other party in writing within seven (7) days of becoming aware of such event. The notice shall include:
 - i) The nature and cause of the Force Majeure event;
 - ii) The anticipated duration of the delay;
 - iii) The specific contractual obligations affected; and
 - iv) The steps being taken to mitigate the impact and resume performance.
- c) Upon acknowledgment of a Force Majeure event, the affected party's obligations—particularly concerning delivery, shipment, installation, and commissioning—shall be suspended for the duration of the Force Majeure, provided that the affected party uses reasonable efforts to minimize the delay.
- d) The affected party shall take all reasonable measures to resume performance of the contract at the earliest possible time upon cessation of the Force Majeure event.
- e) If the Force Majeure event continues for more than sixty (60) consecutive days, and substantially frustrates the performance of the contract, either party may terminate the contract by giving fifteen (15) days' written notice to the other party, without incurring any liability or penalty.
- f) No party shall be held liable for breach of contract, imposition of liquidated damages, or other penalties arising from non-performance or delays solely due to a duly notified Force Majeure event.

45. ELCOT/End User reserves the right to

- a) Inspect the Bidder's/OEM's factory before Opening of the Price Bid.
- b) Modify, reduce or increase the quantity requirements to an extent of the Tendered quantity as per the provisions of the Act and Rules.

- c) Change the list of areas of supply locations from time to time based on the requirement of the End user.
- d) Insist on quality / specification of materials to be supplied.
- e) Withhold any amount, for the deficiency in the service aspect of the ordered Items supplied to the End User anytime during the Contract period and for want of sufficient documents.
- f) Recover from the payables to the Contractor for any lapse or default on taxes by the Contractor
- g) ELCOT/End User has the right to recover the Input Credit Loss suffered by it due to any default by the Contractor including black listing/bankruptcy.
- h) Recover from any payable to the Contractor irrespective of Contract.

46. General Communication

General Communication such as Purchase/Work orders, Amendment to Work/LoAs, etc. shall be through email id of the Contractor.

47. Notice

Any notice to the Contractor shall be deemed to be sufficiently served, if given or left in writing at their usual or last known place of abode or business or sent to the e-mail id. Any change in postal address or e-mail id shall be communicated without delay, failing which, the communication to the last address or email id shall be deemed to be proper service of communications/notices.

48. Validity and Extension of Contract

- a) The Contract shall be valid for such period mentioned in the Special Conditions. ELCOT can request for extension of Contract for a further period as per Act and Rules.
- b) The Contract shall be extended for such period with the same Terms and Conditions including Price as mutually agreed between the parties.

- c) Validity of Bank Guarantee for Security Deposit shall be extended by the Contractor accordingly at its own cost.

49. Termination of Contract

A. Termination for default

- a) ELCOT may without prejudice to any other remedy for breach of Contract, by written notice of default with a period of 7 days, sent to the Contractor, terminate the Contract in whole or part
- i) if the Contractor fails to deliver any or all of the goods within the time period specified in the Contract or within any extension thereof granted by ELCOT; or
 - ii) If the Contractor fails to perform any of the obligation under the Contract; or
 - iii) If the Contractor, in the judgement of ELCOT, has engaged in fraudulent and corrupt practices in competing for or in executing the Contract or
 - iv) Supplies the Items inferior to the ordered / accepted specifications; or
 - v) Not procured and supplied the Item from the OEM from whom the MAF was obtained; or
 - vi) Not supplied as per any of the Tender conditions.
- b) In the event ELCOT terminates the Contract in whole or in part, ELCOT may procure, upon terms and in such manner as it deems appropriate, the goods and services similar to those and delivered and the Contractor shall be liable to ELCOT for any additional costs for such similar goods. However, the Contractor shall continue the performance of the Contract to the extent not terminated.

B. Termination for Insolvency

- a) ELCOT may at any time terminate the Contract by giving written notice with a period of 7 days to the Contractor, if the Contractor becomes bankrupt or otherwise insolvent.
- b) In this event, termination shall be without compensation to the Contractor, provided that such termination shall not prejudice or affect any right of action or remedy that has accrued or shall accrue thereafter to ELCOT.

C. Termination for Convenience

- a) ELCOT may, at any time, by written notice of not less than 30 (thirty) days to the Contractor, terminate the Contract, in whole or in part, for ELCOT's convenience. The notice of termination shall specify the extent to which performance of work under the Contract is terminated and the effective date of termination.
- b) On receipt of such notice, the Contractor shall immediately stop work on the portion of the Contract so terminated, cease further commitments for that portion, and take all reasonable steps to minimize costs related to such termination.
- c) In the event of termination for convenience, the Contractor shall be entitled to payment for:
 - i. Goods and services already supplied, installed, commissioned and accepted by the End User/ELCOT up to the effective date of termination; and
 - ii. Reasonable and documented costs incurred, which are directly attributable to the portion of the Contract terminated and cannot be mitigated, subject to an overall limit not exceeding the Contract value for the terminated portion.
- d) The Contractor shall not be entitled to loss of anticipated profits or any consequential, incidental or indirect damages on account of such termination

50. Effects of Termination

- a)** In the event that ELCOT terminates this Agreement pursuant to failure on the part of the Contractor to comply with the conditions as contained in Tender and depending on the event of default, Security Deposit furnished by Contractor may be forfeited.
- b)** Upon the expiration or termination of the Contract, the Contractor shall undertake the actions set forth in the Contract to assist ELCOT/End User to replace services as provided hereunder;
- i) In respect of Third party Intellectual Property Rights, the Contractor undertakes to secure such consents or licenses for End User from such third parties as are necessary to enable End User or its replacement System Integrator (any other agency that is selected for maintaining the system in place of the Contractor, if applicable) to receive services substantially equivalent to the Services hereunder.
 - ii) The Contractor shall transfer to End User, in accordance with the terms of the Contract, Assets or Deliverables including the software, if any, (and including any data, ownership, source code and associated documentation) in which End User has the right, title and interest and that is in the possession or control of the Contractor.
 - iii) In the event of the premature termination of the contract, the Contractor shall be eligible to receive Payments as described in the Payment Schedule for the work completed and approved by ELCOT and End User.
 - iv) The Contractor shall continue to perform all their obligations and responsibilities as stipulated under the Contract and as may be proper and necessary to execute the scope of work under the Contract to maintain business continuity.
 - v) In the event that ELCOT terminates the Contract due to default or material breach of the Contract on the part of the Contractor, then ELCOT shall be entitled to forfeit the Security Deposit submitted for

this Project and pursue such other rights and/or remedies that may be available to ELCOT/End User under law.

- vi) Notwithstanding anything contained herein above and without prejudice to the right to terminate the Contract, if the Contractor fails to set up and operationalize the system at the designated locations, ELCOT/End User may in its sole discretion, engage another agency/System Integrator to fulfil the remaining obligations (or part of the remaining obligations) as may be decided, at the risk and cost of the Contractor. The additional cost incurred by the ELCOT/End User shall be recoverable from the Security Deposit or any amount payable or due to the Contractor, and in case such Security Deposit or amount is not adequate, the Contractor shall make good the shortfall.
 - vii) The termination hereof shall not affect any accrued right or liability of either party nor affect the operation of the provisions of the Contract that are expressly or by implication intended to come into or continue in force on or after such termination.
 - viii) The action as provided in this clause shall not be construed or treated as waiver of any right of the ELCOT/End User and the right to terminate the Contract shall subsist even if an action in accordance with this clause had been taken.
- c)** If the Contract is terminated by ELCOT/End User due to supply of substandard services, system or hardware to the stations, the difference in cost of the items purchased through other Technically Qualified Bidder or any other alternative sources shall be recovered from the Contractor.

51. Dispute and Jurisdiction Clause

The courts situated at Chennai, Tamil Nadu shall have exclusive jurisdiction over all matters arising out of or in connection with this tender and the contract.

52. Grievance Redressal

Any grievances during the tender may be reported in the manner prescribed in Annexure 11 to this tender document. Any further unresolved grievances may be sent to the Managing Director, ELCOT through the email md@elcot.in. Grievances received, if any, will be handled in accordance with the provisions of Tamil Nadu Transparency in Tenders Act and Rules.

V. Tender Specific Conditions

1. Scope of Work

E-Angadi is inviting bids for Supply and Maintain the IP Camera Equipment's, Server, Storage and Manpower specified in the tender under lease cum service method for a period of 5 years from the date of Go-Live of the project.

- a. "IP Camera Facility" - The existing 3 IP cameras present in all the 590 Sub Registrar Offices needs to be replaced with 3 new IP cameras with recording capability. One at the entrance and one above the sub registrar desk covering the thumb impression/photo capturing of the registrants and the third camera covering the waiting area of the office.
- b. Viewing (monitoring) facility should be enabled at IGR office and 11 zonal DIG offices. Servers and storage have to supplied and hosted at IGR office. Aggregation bandwidth with back up connectivity to be provided at IGR Office.
- c. The recordings should be saved in Network Video Recorder (NVR) automatically and stored for at least for 12 months and it should be programmed to be removed by First in First out (FIFO) method. Recording has to be stored if there is a movement in the covering area and need not store in the case of no movement. The recorded video is to be sent through Whatsapp gateway services of TNeGA or the bidder.
- d. Supply of high end desktop, NVR, 1 KVA UPS with 120 minutes backup in each SRO office.
- e. All the SRO offices are having the ISP/broadband connectivity which is integrated.
- f. New LAN network has to be created. An exclusive NMS (open source software) has to be installed and daily network up / down report has to be provided.

- g. The successful bidder of IP camera project shall be the system integrator and to carry out the works of supply and maintenance of IP camera equipment's and supply of man power for a period of 5 years under lease cum service method from the date of Go-Live of IPC 3.0.
- h. As a part of phase II, 2 Nos. of IP cameras are deployed in record rooms of each SRO offices during the 2023. These cameras shall be covered under annual maintenance contract and shall ensure compatibility with the new video management software and NVR proposed.
- i. Successful bidder shall maintain adequate spares and stand by hardware in district registrar offices in order to provide uninterruptible service by keeping the downtime of any asset to the barest minimum almost NIL.
- j. Successful bidder has to consume the API of TNeGA's whatsapp gateway service vendor and send the video link to TNeGA. Also, necessary software to upload the video and store it in central server for 30 days is to be created. In the case of failure or for any other reasons, if TNeGA's Whatsapp gateway service is not able to be used, then bidder must have an alternate arrangement/gateway service to send the link to the citizen.
- k. One IP camera operator to each sub registrar office for 590 SROs has to be provided by the vendor. further, one IP camera operator for 11 zonal dig offices and 2 IP camera operator for IGR office shall be deployed and in total 603 IP camera operators shall be deployed in full time for five years.
- l. Manpower for SRO (IP Camera Operator) shall have IP Camera and Computer Systems Operational Knowledge to handle the IP Camera and Uploading for Video footages. The IPCO (IP Camera Operator) should be trained by the Successful Bidder / Contractor for handling the work at the SRO / DIG / IGR Offices and any IPCO found to be non performing to the requirements, then the IPCO should be

replaced immediately.

- m. The IPCO should be a +2 Pass with IP Camera and with Computer Systems Operational knowledge to handle the IP Camera and Uploading for Video footages and a minimum of one year experience in relevant fields as mentioned above such as DTP or other Computer based operation.
- n. Leave will not be given for operator on working days without substitution. So the agency shall have enough resources to deploy on replacement/leave vacancy.
- o. Replacement of Manpower – If agency wants to replace any Operator, concurrence of the DR should be obtained and then only the operator can be replaced. However at the request of DR to replace any Operator, then the Operator should be replaced immediately.
- p. Infrastructure management shall be carried out by 2 numbers of CCNA certified or L2 equivalent engineers deployed for the operations and maintenance at NOC.

Technical Specifications

Important Note: The bidders can offer reputed products of IP Camera, NVR, Storage, Data Management for Surveillance and Centralized Monitoring. The components should be of latest model/specification/generation and equivalent can be offered without compromising the specification.

a. Cloud storage Architecture

- i. **Single Integrated Solution:** The proposed solution should be a single, integrated offering encompassing storage infrastructure, compute infrastructure, and secure cloud storage functionality.
- ii. **Industry Standard Hardware:** The entire solution should be built on industry-standard x86 server infrastructure and virtualized with hypervisor

iii. **Secured Storage:** The core storage component should be a secure storage solution utilizing the object storage protocol and offering the following capabilities:

- **Data Immutability:** Data stored in the cloud must be immutable (Write Once, Read Many - WORM) to prevent accidental or malicious deletion.
- **Time-Based Retention:** The system must enforce data retention policies, ensuring data cannot be deleted or modified before the designated expiry period.
- **Extensive Audit Logging:** The storage solution should provide comprehensive audit trail logging to capture all activities within the system.
- **Object Storage Integration:** The video storage layer should utilize the secure cloud storage as its back-end repository and provide a web portal for secure access.

b. Client Software

Each SRO office should be installed with client software for secure access to the central STORAGE. This software, provided by the vendor, should offer the following functionalities:

- i. **Data Encryption:** Encrypt data in transit during communication with the central STORAGE.
- ii. **Connectivity Options:** Support connections over dedicated network infrastructure or the internet. All connections must be encrypted and validated by the STORAGE.
- iii. **Network Resiliency:** Include caching capabilities to handle network disruptions. The client should automatically resume uploads upon re-establishing connectivity and allow resuming from the point of failure instead of restarting the entire transfer.
- iv. **Authentication:** Integrate with the existing user management system for authentication.
- v. **Video file syncing:** The software should synchronize SRO wise

video files downloaded from the local NVR to STORAGE.

c. External File Sharing

- i. **Secure Download Access:** The Storage solution should provide secure access for authorized external entities (buyers/sellers) to download specific video content related to their registration.
- ii. **URL-Based Downloads:** The system should generate URL links for secure external file sharing. These links should be transmittable via SMS / Whatsapp.
- iii. **URL Shortener:** The actual video URL to be shared should be converted to tiny URL format, so that it matches the SMS character limitation.
- iv. **Download Expiration:** Implement a mechanism to set expiration dates on download links for enhanced security.
- v. **Data Retention:** Data retention policies would be set on every video object to prevent internal or external malicious acts from deleting data. During this retention period, the stored data should not be allowed to be either modified, or over-written or deleted. No application user should have permission for any deletion, modification or reduce expiration dates once set.

d. Centralized Monitoring and Management Portal

The project scope encompasses the design, development, and deployment of a centralized monitoring and management portal integrated with secure cloud storage for video clips uploaded from each SRO. The Centralized Monitoring portal should serve for following major purposes:

- i. Monitoring and reporting of the video clips uploaded from all SROs.
- ii. Tracking the status of URL link creation and delivery to buyer / seller.
- iii. Managing the operator manpower deployed across all SROs for this project.

- iv. The Central monitoring and management portal should provide complete visibility into all connected SRO client activity.
- v. The central site must have secure internet access with sufficient bandwidth for concurrent downloads. All SROs must connect securely to the central site.
- vi. It has to be a web-based application which can be accessed from any standard browsers across the network. The system should facilitate the upload of registration-related information by authorized personnel in each location.

e. Workflows of Centralised Monitoring Portal:

i. SRO Administrator Workflow

- Login and Access: The SRO administrator logs in to the cloud application using a web interface.
- Authentication and Authorization: The cloud system performs load balancing and verifies the administrator's access through inbuilt authentication mechanism.
- Dashboard: Upon successful login, the administrator is presented with a dashboard for managing video files.
- Video files Management:
 - View: The administrator can view all uploaded video files.
 - Search & Filter: The administrator can search and filter video files based on the metadata attached to each video objects.
 - **Update:** The administrator has the option to update the metadata of the video files.
 - **Delete:** There is no provision for the user to delete any video files uploaded to Storage system.
- **Upload Videos:** The administrator can upload video files along with associated metadata. The metadata includes
 - Buyer / seller name
 - Contact information

- Document index number
 - Date and time of registration
 - Email address (optional)
 - Any other relevant information
- **Notifications:** Based on buyer/seller information in the metadata, the cloud system automatically sends email or SMS notifications containing a download link for the video file.
- **Inter-System Communication:** The cloud system communicates with other systems through internal api calls / equivalent system.

ii. Buyer/Seller Workflow

- **Download Link:** Buyers and sellers receive a download link for the video file via email or SMS.
- **One-Time Password (OTP) Verification:** Clicking the download link prompts the user to enter a one-time password (OTP).
- **OTP Generation and Delivery:** The cloud system generates a unique OTP and sends it to the buyer/seller's email or SMS or WhatsApp number (provided in the metadata by the SRO administrator).
- **Download Authorization:** Upon entering the correct OTP, the cloud system grants access to download the video file.
- **Automatic File Deletion:** The cloud system automatically deletes downloaded video files after a predefined retention period (e.g., 30 days).
- **Number of download attempts:** The buyer/seller should be allowed to download the file only for 3 number of downloads within the given retention period of 30 days.

iii. MIS Reports, Manpower Management requirements

f. Infrastructure Requirements

i. Secure Video Storage

The Secure Video Storage solution shall

- a) provide a minimum of 300 TB usable capacity from Day 1 after all protection overheads.
- b) may be based on scale-up or scale-out architecture and may use object, file, block or hybrid storage.
- c) provide enterprise-grade high availability with no single point of failure.
- d) tolerate failure of any one controller / node and any two disk drives without loss of data or interruption to recording.
- e) Offer data protection through Erasure Coding, RAID-6, RAID-DP, Distributed RAID or equivalent / better mechanism providing protection at least equivalent to RAID-6.
- f) support non-disruptive expansion of both capacity and performance through addition of nodes, controllers, shelves or equivalent components, without replacement of the initial system.
- g) support future expansion to at least 600 TB usable capacity.
- h) support continuous 24x7 CCTV recording, playback and archival workload.

The offered product shall be from

- a) an established OEM with minimum 5 years' experience and at least 3 comparable enterprise / surveillance deployments.
- b) shall be currently supported by the OEM and supplied with minimum 5 years comprehensive OEM warranty and 24x7 support.

Any equivalent or better solution meeting the above requirements (as decided by ELCOT shall be acceptable)

ii. Secured Cloud Storage & Portal

The hardware infrastructure for the Storage and portal should be sized to handle a minimum of 1160 concurrent users from SROs and at least 10,000 external user accesses for downloads. The system should incorporate web portal load balancing and server redundancy (N+1) for high availability.

iii. Network Connectivity

- **Secure Connections:** All communication between SRO clients and the central Storage should be securely encrypted.
- **Internet Connectivity:** The central site requires a secure internet connection with sufficient bandwidth to accommodate at least 10,000 concurrent external user downloads. Bidders are required to estimate and document the necessary bandwidth requirements.
- **SRO Connectivity:** All SROs should connect to the central site either over the internet or the state's WAN network.

iv. Scalability

Both the Storage system and the Monitoring portal should be able to accommodate potential scalability requirements as the system grows. The system should be optimized for performance to ensure efficient synchronization and data transfer processes from all SRO offices.

v. Backup and Disaster Recovery

The Storage system and Monitoring portal should be enabled with Disaster recovery plans established to ensure rapid restoration of services and data integrity in case of catastrophic events, including offsite backups and redundant server configurations.

vi. Security

The system should employ Secure communication protocols in all possible

places. The connectivity from SRO office to Secure cloud storage has to be secured and encrypted using SSL certificates. The connection to the Monitoring and Management portal should be protected using SSL certificates and should implement strong access controls in all layers.

vii. Estimated Traffic

- Number of Sub Registrar Offices: 590
- Number of Uploads / Downloads: 15,000 Per Day (All Sites) / 30,000 Per Day (All Sites)
- Total Requests: 100 Per Minute
- Concurrency Upload: 30 Per Minute
- Concurrency Download: 60 Per Minute

viii. Hosting

- All Cloud Platform and Storage are to be hosted in **Tamil Nadu Registration department's premises**
- Exclusive Domain Registration, DNS Mapping, Certificate Procurement will be facilitated through department.

ix. Platform & Architecture

- a. It should be a single integrated solution provided by the IT Hardware OEM comprising storage infrastructure, compute infrastructure and the secure enterprise File Share solution.
- b. The entire solution should be built on industry standard server infrastructure based on x86 servers and should be virtualized.
- c. The Software solution for the Central Repository should be based on COTS software with necessary subscription and support. The software should comprise the following 2 Layers
- d. Object Storage (S3 protocol) solution supporting:
 - i) Data Immutability or WORM capability to prevent accidental or malicious deletion of data.

- ii) Time based retention capability so that data cannot be deleted or modified till the expiry of the retention period.
 - iii) Extensive audit trail logging to capture all activities on the Portal.
 - iv) Global File System utilizing the Object Storage as back-end repository and should have an integrated web portal through which all locations are provided secure access.
- e. The Windows systems in each SRO office should have Client software that will provide secure access to the Central Server and Storage system. The client software should encrypt data in transit while communicating with the central site.
 - f. The client should be capable of connecting either over dedicated network infrastructure or through the internet. In either case, the connections should be encrypted and validated at the server side.
 - g. The client software should also have caching capability so that it can handle seamlessly handle network failures and automatically upload data to the central site once the network connectivity is re-established. It should enable the client to resume upload from the point of failure instead of resending the entire file(s).
 - h. The solution should integrate with AD, LDAP or should support creation of local users for authentication.
 - i. Should also provide secure access to authorized external entities for downloading content for a limited period.
 - j. Should provide external file share capability where users can be provided access to specific video content pertaining to their registration as a URL Link
 - k. It should be possible to send the URL link as a text message.
 - l. It should be possible to set expiration dates for the download for security reasons
 - m. The Portal should provide complete visibility into all the remote SRO clients that are connected to the central system including performance and health information.

n. Data Management Platform:

Sl. No.	Specification	Description
1	Central Platform and Architecture	Software Defined File and Object Storage solution supporting S3 Protocol
		Should be based on scale-out architecture with an initial cluster size of 3 storage nodes
		Should leverage Erasure coding for data protection. The configured protection should be able to withstand 1 complete storage node failure
		Should provide a single global namespace of 300TB+ protected space after considering all overheads for data protection.
		Should be scalable to atleast 2PB of capacity by adding more nodes into the cluster
		Should be based S3 Object Storage protocol and support
		Data Immutability / WORM capability to prevent malicious deletion of data
		Should provide time based data retention and prevent data deletion before the expiry of retention time
2.	Authentication	AD/LDAP authentication for internal users
3.	Management	Web interface Portal for managing the entire file storage solution.
		The portal should have redundant web and application instances
		The central management portal should provide visibility about all the SRO client systems connected to it, their health status,

		software version etc.
		Should allow for remote upgrade of the client software
4.	Secure File Sharing Solution	Should provide centralized file system and with secure multi-site file collaboration across SROs
		Allow users to create and share web links securely to specific internal and external users over the internet
		The web link should allow for the specific file to be downloaded by the external client
		The web link should be configurable with expiration time beyond which, the file should not be made accessible to the external user
		Necessary Windows client software for each SRO to be provided for secure access to the centralized storage
		The clients should be able to cache data locally to handle network disruptions and automatically sync data to the central site once the link is re-established
5.	Data Security	Should provide ransomware detection and recovery capability
		Traffic from the SRO clients to the central site should be encrypted

2. Bidder Eligibility Criteria

The Bidder shall have the following Eligibility for participating in the Tender. The Bidder shall enclose documentary evidence for fulfilling the Eligibility in the Technical Bid. If a bidder fails to enclose the documentary proof for eligibility, their bid shall be summarily rejected.

S. No.	Pre-Qualification Criteria	Documentary Proof to be submitted
1	The Sole Bidder/ Lead Bidder/Consortium members shall be a Company registered in India under the Companies Act 1956/2013, existing for the past 3 years as on 31.03.2025 and registered with tax authorities of Government of India	1. Certificate of Incorporation 2. GST Certificate 3. Copy of PAN card
2	Sole Bidder/Lead Bidder shall have direct authorization from Original Equipment Manufacturer (OEM) for supply, installation, commissioning of the quoted items in price bid. Note: The Technical compliance of the product shall be submitted in bidder's letter head without fail for the all the items.	Manufacturer's Authorization Form from Original Equipment Manufacturer (OEM) shall be submitted for the quoted items in price bid. Bidder shall be responsible to get the MAF from the Authorized Signatory of the OEM.
3	Sole Bidder/Lead Bidder shall have an average annual turnover of Rs.24 Crore in any three of the last five audited financial years, i.e., 2020-21, 2021-22, 2022-23, 2023-24, 2024-25.	Copies of the Audited Annual Reports certified by a Chartered Accountant containing the Balance sheets, Profit and Loss account.

4	<p>Sole Bidder/Lead Bidder should have completed / executed a single work order for Supply, Installation, Commissioning and maintenance for CCTV Surveillance system including Camera for a value of Rs.2 Crores or above in the any of the last 5 years as on 30.09.2025 for Government/ Central Government / Quasi Government / PSUs/ Registered companies in India.</p> <p>Server & Storage infrastructure can be On-Prem or Cloud infrastructure</p>	<p>Copy of work order/ Letter of Award and Copy of Completion / Performance Certificate along with <u>GST invoice</u> for the above LoA/s should be submitted along with abstract indicating the LoA number, entity name and details, total bill value and cumulative value.</p>
5	<p>Sole Bidder/Consortium Partner should have completed / executed a project, by deploying IT Skilled manpower (Viz., Data Entry Operator) with a work order for value of Rs.6 Crore, in the any one of the last 3 years as on 30.09.2025 for Government / Central Government/ Quasi Government / PSU Registered companies in India.</p> <p>Manpower such as IT Service Desks operators, Service</p>	<p>GST invoice and ESI/EPF returns for one continuous year certified by a Chartered Accountant</p> <p>Performance certificate/ Completion certificate for the same</p>

	Support Centres, On-site support engineers etc handling IT equipment, IT service projects.	
6	<p>The Sole Bidder/Lead Bidder shall have an office in Chennai.</p> <p>If the bidder does not have a full-time office in Chennai, the bidder shall submit an undertaking stating that he shall establish the same within 30 days of issue of LOA.</p>	<p>Copy of the Sale deed/Rental/ Lease Agreement/ latest Landline Telephone bills/any valid legal document issued by the GoI or Govt. of Tamil Nadu (or)</p> <p>Undertaking by Authorized Signatory of the Bidder for setting up a local office in Chennai shall be submitted in the format in Annexure 6.</p>
7	<p>The Sole Bidder/Lead Bidder shall have service centre in all the Districts of Tamil Nadu.</p> <p>If the bidder does not have a full-time office in Chennai, the bidder shall submit an undertaking stating that he shall establish the same within 30 days of issue of LOA on his own or through an Authorised Partner</p>	<p>Land-line telephone bills or registered rental agreement dated before the tender due date should be submitted as a proof for availability of the service centres.</p>
8	<p>Sole Bidder/Lead Bidder/OEM shall have ISO 9001:2015 or latest. OEM of Camera, NVR, Software Solutions shall have 27001:2015 or latest.</p>	<p>Copy of valid ISO 9001:2015 and 27001:2015 or latest certificate of OEM shall be submitted</p>

9	The Sole Bidder/Lead Bidder/ OEMs shall have their own website	The URL of the Website and Copy of Home Page Print out of the Bidder and OEMs (for all the quoted items) should be submitted.
10	Net worth of the Sole Bidder/Lead Bidder	The Sole Bidder/Lead Bidder should have positive average networth for a minimum of Rs.10 Crores in any three of the last 5 audit financial years, i.e., 2020-21, 2021-22, 2022-23, 2023-24, 2024-25

NOTE: -

- a) In case of Authorised Signatory submitting bid documents, Power of Attorney (PoA) shall be issued to the Authorized Signatory of Bidder to sign and submit the bid, execute the Contract Agreement on behalf of the Bidder firm, to be issued by the Board of Directors/ the Managing Director of the Company.
- b) The Bidder and OEM must not be under a declaration of in-eligibility for corrupt, fraudulent or any other unethical business practices and shall not be debarred or blacklisted by any State/ Central Government/ Public Sector Undertaking for any reason in the last 3 years from the date of the response to this Tender. If at any stage before opening of the tender it comes to the notice of the Competent Authority Undertaking letter for Blacklisting shall be submitted by the Bidder in the format in Annexure 6
- c) The Bidder shall comply with the GFR with respect to procurement from country which shares a land border with India as per GFR Rules. Undertaking letter for Certificate of Registration shall be submitted by the Bidder in the format in Annexure 6.
- d) Bidder shall ensure compliance to Warranty, CAMC terms and

conditions. Undertaking letter shall be submitted by the Bidder in the format in Annexure 7 and 8.

- e) Bidder shall ensure the OEM support throughout the warranty and CAMC period for the offered models.
- f) Bidders shall ensure that they have uploaded all the required proof of documents signed with seal without fail. Bids received without the supporting documents to prove their eligibility are liable for rejection. Bidder must be in a position to produce original for verification as and when demanded by ELCOT, failing which, such of those documents will not be considered.
- g) ELCOT reserves the right to verify the Authenticity and Veracity of any documents submitted for Eligibility criteria.
- h) In case show cause notice has been issued by ELCOT for poor performance, then ELCOT reserves the right to disqualify the bid submitted by such Bidder.

3. Project deliverables

Bill of Material:

Sl. No.	Item Code	Description	Unit	Qty	Office
1	ST-CT02-2026-0019-001	CCTV camera 2 MP with 512 GB SD card with voice recording	Nos	1770	SRO
2	ST-CT02-2026-0019-002	8 CH NVR	Nos	590	SRO
3	ST-CT02-2026-0019-003	20 TB (10*2) Hard disk	Nos	590	SRO
4	ST-CT02-2026-0019-004	8 Port Gigabit layer 2 POE Switch	Nos	590	SRO
5	ST-CT02-2026-0019-005	CAT 6 Network Cable (For connecting Three IP Cameras, NVR and Desktop Computer)	mtrs	106200	SRO

Sl. No.	Item Code	Description	Unit	Qty	Office
		(Unit cost in mtr to be quoted)			
6	ST-CT02-2026-0019-006	Desktop Computer for SRO office	Nos	590	SRO
7	ST-CT02-2026-0019-007	Monitor 27" For SR View with 15 mtrs HDMI Cable	Nos	590	SRO
8	ST-CT02-2026-0019-008	1 KVA UPS with 120 min backup with MCB	Nos	601	SRO & DIG
9	ST-CT02-2026-0019-009	Earthing systems in all SRO	Nos	601	SRO & DIG
10	ST-CT02-2026-0019-010	Labor charges for LAN cabling and related services including IP configuration. 1" PVC pipe with fixtures (CAT 6)	Mtr s	106200	SRO
11	ST-CT02-2026-0019-011	UPS output wiring from 1 KVA on-Line UPS to Desktop and 6U Rack (3C*2.5Sq.mm)	Mtr s	35400	SRO
12	ST-CT02-2026-0019-012	Labor charges for UPS wiring and related services, 1" PVC pipe with fixtures	mtr s	35400	SRO
13	ST-CT02-2026-0019-013	2* 5 A Switch and Socket, 1 *15 A SS Combined	Nos	590	SRO
14	ST-CT02-2026-0019-014	Active LED Videowall With Controller	Nos	1	IG
15	ST-CT02-2026-0019-015	Display Monitor 55 inch	Nos	11	DIG
16	ST-CT02-2026-0019-016	24 port L3 Ethernet switch with 4 SFP+ Port	Nos	13	DIG & IG
17	ST-CT02-2026-0019-017	Workstation for DIG & IG office for VMS Client & Workstation for	Nos	15	DIG & IG

Sl. No.	Item Code	Description	Unit	Qty	Office
		Time and Attendance Database and Application Hosting			
18	ST-CT02-2026-0019-018	42 U Server Rack Customisable - IG Office	Nos	2	IG
19	ST-CT02-2026-0019-019	24 U Server Rack - DIG Office to place AI servers	Nos	11	DIG
20	ST-CT02-2026-0019-020	Centrally managed cloud platform required for WhatsApp integration - Secured storage, Video dissemination. Cost for software support, Enhancement	LS	1	IG
21	ST-CT02-2026-0019-021	Time and Attendance management software as per technical requirements	LS	1	IG
22	ST-CT02-2026-0019-022	Finger Print Scanner with Software Kit	Nos	602	All
23	ST-CT02-2026-0019-023	Server for the Video Management Software- IGR HO (Streaming)	Nos	9	IG
24	ST-CT02-2026-0019-024	Server for the Video Management Software- IGR HO (Management)	Nos	2	IG
25	ST-CT02-2026-0019-025	Server for AI Functions (11 + 1)	Nos	12	DIG & IG
26	ST-CT02-2026-0019-026	AI Functions VMS Licenses for 600 Cameras - SR Camera1	Nos	1	IG
27	ST-CT02-2026-0019-027	VMS Licenses for 3000 cameras with Client login	Nos	1	IG
28	ST-CT02-2026-	Alternate Gateway for TNeGA	Nos	1	IG

Sl. No.	Item Code	Description	Unit	Qty	Office
	0019-028	WhatsApp gateway			
29	ST-CT02-2026-0019-029	Manpower-1 IPC Operator/DEO-year1 (Unit cost per resource per year to be quoted)	Nos	590	SRO
30	ST-CT02-2026-0019-030	Manpower-1 IPC Operator/DEO-year2 (Unit cost per resource per year to be quoted)	Nos	590	SRO
31	ST-CT02-2026-0019-031	Manpower-1 IPC Operator/DEO-year3 (Unit cost per resource per year to be quoted)	Nos	590	SRO
32	ST-CT02-2026-0019-032	Manpower-1 IPC Operator/DEO-year4 (Unit cost per resource per year to be quoted)	Nos	590	SRO
33	ST-CT02-2026-0019-033	Manpower-1 IPC Operator/DEO-year5 (Unit cost per resource per year to be quoted)	Nos	590	SRO
34	ST-CT02-2026-0019-034	Manpower 2- Team Leader - Year1(Unit cost per resource per year to be quoted)	Nos	13	DIG & IG
35	ST-CT02-2026-0019-035	Manpower 2- Team Leader - Year2 (Unit cost per resource per year to be quoted)	Nos	13	DIG & IG
36	ST-CT02-2026-0019-036	Manpower 2- Team Leader - Year3 (Unit cost per resource per year to be quoted)	Nos	13	DIG & IG
37	ST-CT02-2026-0019-037	Manpower 2- Team Leader - Year4 (Unit cost per resource per year to be quoted)	Nos	13	DIG & IG
38	ST-CT02-2026-	Manpower 2- Team Leader -	Nos	13	DIG & IG

Sl. No.	Item Code	Description	Unit	Qty	Office
	0019-038	Year5 (Unit cost per resource per year to be quoted)			
39	ST-CT02-2026-0019-039	Manpower 3- L2 Engineer -Year1 (Unit cost per resource per year to be quoted)	Nos	2	IG
40	ST-CT02-2026-0019-040	Manpower 3- L2 Engineer -Year2 (Unit cost per resource per year to be quoted)	Nos	2	IG
41	ST-CT02-2026-0019-041	Manpower 3- L2 Engineer -Year3 (Unit cost per resource per year to be quoted)	Nos	2	IG
42	ST-CT02-2026-0019-042	Manpower 3- L2 Engineer -Year4 (Unit cost per resource per year to be quoted)	Nos	2	IG
43	ST-CT02-2026-0019-043	Manpower 3- L2 Engineer -Year5 (Unit cost per resource per year to be quoted)	Nos	2	IG
44	ST-CT02-2026-0019-044	Setting up necessary infrastructure in IGR office for running all server services such as UPS, Genset, AC, Rack, Network cables, SAN switch, Router, Static ips, Fire wall, Plug points, I/O ports and other required accessories - Qty - as required to meet the SLA	Nos	1	IG
45	ST-CT02-2026-0019-045	Aggregation bandwidth with back up connectivity for 5 years	Lot	1	DIG & IG
46	ST-CT02-2026-0019-046	Comprehensive AMC of existing 1150 IP Camera in record room	Lot	1150	-

Sl. No.	Item Code	Description	Unit	Qty	Office
		(s) of SRO (Unit cost for 5 years per camera to be quoted)			
47	ST-CT02-2026-0019-047	Integration of 1150 with new system	Lot	1	-
48	ST-CT02-2026-0019-048	Shifting Cost for IP Camera and other related infrastructure from SRO office to another.	Lot	1	-
49	ST-CT02-2026-0019-049	Cost for IP camera installation setup in new Office – for New office 5 No IP camera, 2 No NVR, 2 no 8 PoE Port Switch, 20 TB HDD, Computer, Monitor, UPS Installations Commissions as per Technical specifications each items in Above	Lot	1	-

a) Delivery Location:

Across SRO office, DIG office in State of Tamil Nadu

b) Deployment of Logistics Coordinator:

The successful bidder(s) shall deploy atleast one dedicated full-time logistics coordinator from the date of execution of agreement till the completion of supply, installation and commissioning of all items, of all items of the schedule and issue of completion certificate by Customer Department.

The 'Logistics Coordinator' shall undertake the following.

- i) Logistics Co-ordinator shall make the supply, installation and commissioning planning along with Customer Department within 15 days of issue of LoA and submit the same to ELCOT.

- ii) a).She/he shall get the site-readiness certificate for all sites as per the plan from the Nodal Officer of Customer Department atleast 7 days before supply to the designated site.
- ii) b).Handing over Site Readiness certificate is within the scope of the Nodal Officer of the User Department
- ii) c).Supply period for that particular location can be delayed without any LD, if Site Readiness Certificate is not given for that location by the User Department.
- iii) She/he shall coordinate hassle-free supply, installation. Logistics and testing planning in coordination with Customer Department and ELCOT.
- iv) The Logistics Coordinator shall be a full-time employee of the successful bidder with atleast 3 years of experience in monitoring of supply logistics, billing, monitoring of installation and commissioning and connected works.
- v) The Logistics Coordinator shall also coordinate regularly with E-Angadi of ELCOT for all matters related to supply, billing, etc.

****The month & Year of Manufacturing shall be April 2025 or later for the products to be supplied under this contract**

****Random Evaluation (including sample and technical demonstration) for the tendered products may be carried out at any point of time during the validity of this tender.**

4. Technical Specifications

Refer Annexure A for detailed specifications.

5. Earnest Money Deposit, Security Deposit and Retention Money

S. No	Type	Amount	Remarks
1	Earnest Money Deposit	Rs.50,00,000/-	<p>To be paid during bid submission by online payment through e-Tender Portal or through electronic Bank Guarantee (e-BG) through e-Tender Portal (https://tntenders.gov.in) only.</p> <p>Will be auto-refunded from the portal itself, subject to tender conditions, on execution of agreement with the successful bidder.</p>
2	Security Deposit	3% of tender value in the form of DD or Bank Guarantee	<p>To be submitted by the successful bidder within 10 days of issue of LoA and before execution of agreement in the form of DD or bank guarantee.</p> <p>Will be refunded, subject to tender conditions, on successful completion of all works as indicated in LoA</p>
3	Retention Money Deposit	2% of every bill value.	<p>Will be refunded, subject to tender conditions, after 6 months of completion of warranty period.</p> <p>On successful completion of supply as per tender conditions, the successful bidder can claim the retention money along with final bill <u>on submission of equivalent bank guarantee</u> for the prescribed period. (validity shall be at least for 9 months after warranty period completion)</p>

6. Bidding for Items

- a) It is mandatory for Bidder to Bid for all the items in the Price Bid. Partial quote is not allowed. The bidder who becomes Overall L1 of all the items will be declared as L1 bidder. The L1 bidder may be asked to match L1 prices of all other items where they have not become L1.
- b) The Prices quoted for each item should be inclusive of Supply, Installation and Commissioning charges.
- c) Failure to Bid for all the items or technically not qualifying for an item shall lead to rejection of Bid.

7. Site Readiness Certificate by the Purchasing Entity

The Nodal Officer of Government Department shall submit the Site readiness certificate for installation of the equipment assigned to each of the Government Department towards "Tender for Supply, Installation, Commissioning and Maintenance of CCTV Systems for IGR 3.0 project under Lease cum Service model for a period of 5 years" as per the **Annexure-10**.

8. Compliance with Technical Specification

- a. I) The samples with all necessary certifications and documents shall be submitted for display on the date fixed for the sample approval, as per the following conditions.
 - i. The sample approval **is only for the product and not for the bidder.**
 - ii. The sample approval for the proposed product(s) can be obtained by OEM/prospective Bidder/ their authorised representatives.
 - iii. The OEM/ prospective bidders can submit any number of products/ product types that are considered by them to be meeting the given specifications, as provided in the tender/ latest corrigendum, for Sample Approval.

- iv. If a particular product is approved, any bidder can submit a bid with that product, subject to meeting all other tender conditions.
- v. It is not necessary that all the products for which Sample Approval has been obtained, shall be quoted in bid. The bidder may submit any or all sample products for which sample approval is obtained.
- vi. The bidder can quote one or more than one product for a particular BoQ item. However, irrespective of that, only one price shall be quoted. All quoted products that are found technically eligible will be accepted.
- vii. In the above scenario, the bidder need not quote the exact proportion of each product make that is proposed be supplied. The successful bidder can supply any proportion of approved products quoted by her/him within that BoQ item category.
- viii. Only those products submitted in bid will be considered for tender evaluation. No change of product at a later stage shall be permissible, even if the sample of the product has been approved by ELCOT during the tender process.

Note: This will enable the certainty to OEMs and Bidders, on technical parameter including on equivalent products, before the issue of MAF and will ensure adequate time for providing the right products without any difficulty.

- a.II) If a sample gets rejected, a maximum of one additional opportunity to provide alternate sample shall be given. In such case, alternate sample shall be submitted within 24 hours. No further extension or any additional chance shall be given.
- a.III) If any bidder proposes any product other than those approved, that shall be subject to technical evaluation and approval of the Tender Scrutiny Committee in accordance with tender conditions and TNTIT Rules. In such case, no claims/ additional opportunities shall be permissible.

However, no product make that is not exactly meeting the given specifications, but claiming to be equivalent shall be permitted in this case. The decision of ELCOT shall be final and binding on the technical qualification, equivalence, etc.,

- b. The tenderer should make all necessary arrangements to demonstrate and show the products / project by installing the quoted model equipment
- c. No extension of time/ additional time shall be provided for sample display and review.
- d. All items offered by the Bidder shall meet the technical specifications specified in the Tender. This shall be evidenced by compliance of the items in the technical compliance sheet submitted by the Bidder.
- e. Hardware Compliance sheet (A 12.3) and technical compliance sheet (A 12.4) for items quoted in price bid shall be given by the Bidder, by filling up the compliance to the technical specifications in the tender document along with make, model and bidder offer for each parameter in the specifications
- f. Full license in the name of End User shall be provided for the software licenses throughout the contract period mentioned in the Scope/Price Bid including extensions.

9. Original Equipment Manufacturer's Liability

- a) OEMs can participate in the Tender directly as a Bidder if they meet the eligibility requirements.
- b) The OEMs shall offer only standard products against the minimum requirements and specifications of this Tender.
- c) The OEMs shall offer latest, original, meant for sale, non-refurbished, full software loaded, licensed products fully compliant to the minimum requirements and Specifications in the Tender.
- d) Competent authority of the Manufacturer/Principal should issue the letter of Authority for signing the MAF.

- e) The OEMs of the items offered in the Tender shall submit Manufacturer's Authorisation Form in the OEM's MAF format with/adding the following lines.
- i) We are responsible for the specifications and performance of the following items supplied against the Tender Ref: {include the Tender Reference} throughout the Lifecycle of the product mentioned in the LoA and its extensions {Type the items and description of items offered in a table}
 - ii) We hereby extend our full warranty and maintenance support for the goods offered for supply by the above firm against this Tender.
 - iii) We also undertake to provide timely supplies as per terms of tender and as agreed mutually and also to provide a trouble free and continuous support either directly or through our authorised partners under our supervision during the Warranty or any extended period.
 - iv) We will provide the necessary spares support in the event of replacement of any spare parts is necessitated while providing Warranty period or any extended Warranty Period and if the spares are not available then we will arrange for complete replacement of the item(s) with an equivalent/higher/next generation model which is acceptable to ELCOT.
 - v) Entire responsibility to provide trouble free and continuous supply and services to the end user/purchaser rests with us and we undertake to provide supply and services directly or through our alternative sales/service partners.
 - vi) Products to be supplied against the Tender are in compliance with provisions of General Financial Rules (GFR) restrictions on Bidders from countries which share a land border with India.
- f) OEM shall be liable for the Conditions in the MAF

- g) OEMs shall extend full support to ELCOT/Purchaser through the Bidder/Successful Bidder during the evaluation and throughout the Contract period including maintaining sufficient stock and supplying the item and spares in time.

10. Contract Period

- a) The Contract for supply, installation, commissioning and maintenance shall be valid for 5 year from the date of commissioning completion of all products. Certificate for completion and initiation of 5 year period shall be provided by Registration Department.
- b) The materials or goods are to be given comprehensive warranty for a period of 60 months, after installation and commissioning against any manufacturing defect and bad workmanship solely by the Successful Bidder irrespective of whether the same have been manufactured by them or not. The comprehensive warranty period of 60 months will commence from the date of installation and commissioning of the ordered items after carrying out successfully the tests prescribed by Purchaser/(s) and installation in good working condition.
- c) Contract shall be extended for further periods as mutually agreed by the department and the Contractor at the same Terms and Conditions including Price.

11. Supply, Installation, Commissioning and Testing

- a) The items shall be supplied, installed and commissioned within 60 days of issue of LoA as per delivery schedule indicated in LoA. The date of completion of the LoA shall be the supplied/ installed/ tested/ commissioned date whichever is later.
- b) In case any installation guideline is given in the tender, the same shall be strictly adhered to

- c) The End User/Consignee is responsible for the site preparation before the scheduled installation dates. It is the obligation of the Contractor to assess the readiness of the site for installation after obtaining the End User address/Consignee address.
- d) The Contractor must send the proposed delivery schedule to End User and to ELCOT well in advance so that End User can plan accordingly
- e) In exceptional cases, the Contractor shall be permitted to supply a product of higher specification subject to the satisfaction of ELCOT and the End User due to non-availability or other reasons submitted by the Contractor in writing. ELCOT/End User has the right to accept or reject such request of Contractor.
- f) All the Tendered items shall be supplied to the End User/Consignee site free from breakages, malfunctions, breakdowns or manufacturing defects. If any of the items are found defective due to manufacturing defect or design fault or transit damage occurred at the time of supply or within one month from the date of installation, the items in full shall be replaced within 7 working days.
- g) The Contractor is responsible for all unpacking, assemblies, wiring, installations, cabling between hardware units and connecting to power supplies. The Contractor shall test all hardware operations and accomplish all activities necessary for successful and continuous operation of the hardware at all the installation sites.
- h) Contractor shall be responsible for commissioning of the items supplied by preparing interfacing/integrating with End User's equipment/accessories/software supplied by other Bidder. Contractor shall coordinate with existing Operator/System Integrator, who is providing the service till date.
- i) The supply and installation of ordered items along with necessary operational and user manuals/drawings, Architecture, etc., shall be made available to the End User.
- j) After successful Installation, commissioning and handing over of the ordered items to the End Users, the Contractor must obtain sign & seal

of the Authorized Signatory of End User in the Installation certificate/Installation Report (IR) and Delivery challan in the Format prescribed by ELCOT along with Test results if applicable. The IR and delivery challan shall carry the Item code and its full specification. Along with IR, User Manual of the commissioned products shall be handed over to the End User.

- k) After Delivery & Installation, the successful bidder / Contractor should share the Contact matrix for service support across Tamil Nadu with escalation matrix and the successful bidder/ Contractor should dedicate Single point of contact, to reach out for any technical / Service related queries and also facilitate Live Monitoring support.
- l) The Contractor shall send status report in the format prescribed weekly / biweekly / monthly (in such intervals) as may be required by ELCOT from time to time till the execution of the entire order.
- m) The Contractor shall undertake to supply spares for the maintenance of the supplied items for such period (including extensions) as given in the Tender.
- n) The details of the Service centre representatives responsible for attending the installation, warranty services at each End User site, name and designation of the contact person and centre in-charge, higher level in-charge who is responsible to oversee the service centres, person to whom complaints can be made in case the service provided by any centre is not satisfactory, phone, mobile numbers & email address must be provided to ELCOT/End User immediately after the Contract.
- o) The above shall be complied by the Contractor and the Service Centre details shall be made available in the Websites of the OEM / Bidder.
- p) In the rare event of non-acceptance of delivery items by the End User, the Contractor shall immediately report ELCOT for suitable directions.

12. Delivery schedule

All items shall be supplied, installed and commissioned within **60** days from the date of the LoA. The date of completion of the LoA shall be the supplied/installed/tested/commissioned date whichever is later.

13. Payment Schedule

Payment will be made on submission of bills in full shape to E-Angadi through online portal. (hard copy may be requested by E-Angadi, if needed)

Lease Cum Service (LCS) method:

- a. No advance payment
- b. The entire assets' cost will be divided into 20 quarters (5 years) and the quarterly payment on completion of supply, installation and successful commissioning of infrastructure assets to the Registration Department and a certificate obtained from SRO and DR in the prescribed format and a concurrence letter from IGR to ELCOT.
- c. Bills will be honoured within 15 working days after submission of bills along with all supporting documents in complete shape. The Supplier should file relevant invoices online through ELCOT e-Angadi.
- d. The Supplier shall agree to get the refund of incentive, GST and proportionate statutory levies from concerned authorities and pass it on to Purchaser(s) if the Government or any other appropriate agency reduces the Excise duty or Sales tax or give incentive of any type retrospectively after supplying the Ordered items failing which action will be taken to recover the balance amount from the Supplier under the Revenue Recovery Act or any other relevant act.
- e. Penalty amount if any, will be adjusted in the payment due to the Supplier.
- f. All taxes and other levies imposed by Governments in India will be paid at actual as applicable.

- g. The payment towards Manpower (IPCO) will be settled on monthly basis on scrutiny and acceptance of required documents such as Certificate from SRO and DR in the prescribed format and a concurrence letter from IGR.
- h. For manpower, in addition to the attendance certificate from SRO, DR and concurrence letter from IGR, proof for contract wages remitted to the IPCO's bank account (UTR details), remittance of statutory levies such as PF, ESI, Professional tax etc as applicable should be submitted.

Subject to above conditions, Payment shall be released only after receipt of funds from End User and no interest shall accrue upon delay in payment.

14. Warranty and Comprehensive AMC

- a) The Comprehensive warranty period shall be valid for a period of 5 year from the date of commissioning of IT Hardware at the last location in the LoA, evidenced from the date of signature of the End User in the Installation report.
- b) Contract shall be extended for further periods as mutually agreed by the department and the Contractor at the same Terms and Conditions including Price.
- c) The Successful bidder shall **execute agreement with the State Nodal Officer / District Nodal Officer of the User Department for all aspects related to CAMC** with effect from completion of 5th year warranty period.
- d) The commencement of 5th year warranty period shall be from the date of completion of supply, installation and commissioning of 100% items at all locations in a given district.

15. Stores, Spares and Manpower

Successful Bidder shall arrange for all the Stores, Spares and materials resources required for the Successful and satisfactory completion of the Contract/LoA.

16. Service Level Agreement (SLA) and penalty for non-adherence

- a. The IP Camera Operator shall report to office at 9.45 AM and shall be available till 6 PM. Late arrival to office will attract a fine of Rs.50/- per hour from 10 AM.
- b. The IP Camera operator/Stand-by operator not attending office will attract penalty of Rs. 500/- per day.
- c. The IP Camera Operator should not do any malpractices or illegal activities. In such an incident, penalty of Rs.50,000/- will be levied on each incident and subject to criminal proceedings.
- d. Problem if any to the IP camera kept nearby Sub Registrar, it should be reported immediately to Sub Registrar and the same shall be rectified/standby shall be provided within 1 hour. Beyond 1 hour of failure, a fine of Rs.50/- per hour will be deducted up to 6 PM. If it is not working on the next day, a fine of Rs.500/- per day (excluding holidays) will be detected.
- e. If any problem happens in the camera fitted in the entrance or NVR box or Desktop or UPS, it shall be reported immediately to Sub Registrar. The problem shall be rectified within 24 hours. Beyond 24 hours failure, a fine of Rs.200/- per day will be deducted. It is inclusive of all hours in working days and exclusive of holidays.
- f. Any failure in the Monitoring facility provided in zonal offices (9 DIGR offices) will attract a fine of Rs. 500/- per day, if it is not rectified within 24 hours. It is inclusive of all hours in a working day and

exclusive of holidays.

- g. Any failure in the above items in IGR office located at 100, Santhome High Road, Chennai-600028 will attract fine of Rs. 1,000/- per day will be deducted, if it is not rectified within 24 hours. It is inclusive of all hours in working days and exclusive of holidays.
- h. The fine will be levied in case of IP camera facility is not working due to failure of LAN etc. If the failure crosses 5 days even in single location, the department reserves the right to cancel the order and no compensation will be given to vendor. In this instance, the company will be blacklisted and EMD / SD, quarterly payment due to the company will be forfeited.

Annexure - A Technical Specifications

Item Code		ST-CT02-2026-0019-001
Item Description		2 MP Dome Camera with audio recording and 512 GB SSD
Sl. No.	Parameter	Specifications
1	Image Sensor	1/2.8" Progressive Scan, CMOS Sensor or Better
2	Supported resolutions	1920 x 1080, 720p,D1,CIF,VGA
3	Video Compression	H.264, H.265, MJPEG or Higher
4	Number of Streaming profiles support	1: Minimum 30 fps at 1920 x 1080p 2: Minimum 25 fps at 1280 x 720 or D1 (720 x 576) 3: Minimum 1fps at VGS (640 x 480) or D1 (720 x 576) 4: D1@1-5 fps or better
5	Shutter speed	1/15s-1/100000s or Better
6	Minimum Illumination	Colour - 0.05 Lux Black & white - 0 lux or better
7	Signal to Noise Ratio (SNR)	52dB or better
8	Lens focal length	3.6 mm or better
9	Built In IR irradiance upto	30 mtrs or Higher
10	Day/Night Camera Switching	Should Support
11	Network recording Failure	In case of Network failure, the Camera shall start recording on NAS or SD Card, which can be retrieved back when the network connectivity restores (ANR)
12	Edge Storage	512 GB Onboard storage/SD card
13	Network Connectivity	10Base-T/100BaseTX Ethernet (RJ-45)
14	Supported Network Protocols	HTTP, HTTPs, DNS, DHCP, RTCP, PPPoE, RTP, RTSP, TLS, SFTP, ICMP, SMTP, NTP, IGMP, UDP, SNMP, TCP/IP
15	Data Encryption	All data, including sensitive data, is encrypted with AES and RSA
16	IP Address Filtering	Should Support
17	HTTPs Streaming	Should Support
18	Video Content Analytics (VCA)	Detection: Motion, Tamper, Tripwire & object Intrusion Alert: IP conflict, Network disconnect, storage full, time triggered.

19	Wide Dynamic Range	120 dB or better
20	Audio Input/ Output	Should have 1 Built-In Mic, 1 Audio Out
21	Audio Communication	G 711, G726, Two way Audio (full duplex)
22	Power	POE (802.3af/at), 12 V 2A or Better
23	Operating Temperature	~30°C- +60°C or better
24	Ingress Protection	IP67 as per IS/IEC 60529:2001 - Document Should be attached.
25	Impact protection	IK10 as per IEC62262:2002 - Document Should be attach.
26	MAC Address	The Mac Address of the Camera shall be registered in the name of the OEM
27	ONVIF Compliance	S,G & T, The IP Camera make and model shall appear on the ONVIF Conformant products List
28	Regulatory Approvals/ Certifications To be attach	FCC, CE & RoHS, BIS compliance (Essential Requirement(s) for Security of CCTV) as per MEITY order dt. 09.04.2024
		Cyber Security: STQC Certified
29	IP camera & NVR	Should be same Make
30	Plug and Play	The IPCAM shall get connected to the destined NVR/VMS when plugged in the network with adding from NVR or VMS

Item Code		ST-CT02-2026-0019-002
Item Description		8 Channel NVR
Sl. No.	Parameter	Specifications
1	Processor	Quad-core 64-bit Cortex-A55 processor or better
2	Operating system	Embedded Linux or Equivalent
3	RAM	4 GB or Higher
4	Flash Memory	2 GB or Higher
5	Video Input	8 IP channels or Higher
6	Video Output	HDMI (2.0) – 1 Port (Main) or Higher
7	HDMI Resolution	1280x720, 1920x1080, 3840x2160
8	Video Compression	H.265/H.264/ Motion JPEG
9	Synchronous Playback	8 channel or Higher
10	Audio Input	Min 1 Channel, RCA Port

11	Audio Output	Min 1 Channel, RCA Port
12	Audio Compression	G.711 or Better
13	Two-way Audio	Should Support
14	Downlink throughput	160 Mbps or Higher
15	Uplink throughput	160 Mbps or Higher
16	Simultaneous log-in	Min 10 Login or Better
17	Maximum User	64 Profiles or Higher
18	Network Protocols	DHCP, TCP/IP, DDNS, PPPOE, SMTP, DNS, FTP, RTSP, NTP, UDP, NFS
19	ONVIF Conformance	ONVIF Profile S,G & T
20	Third Party Camera Support	Should support Cameras with ONVIF 2.0 & above
21	In-built DHCP Server	Should support
22	Decoding resolution	4K, 2K, 1080p, 720p, D1, CIF
23	Digital Zoom	Should Support
24	OSD	Channel Number and Name, Status, Video Loss, Recording and Disabled Channel (As per camera support)
25	SATA Interface	2 SATA III (2*10TB Loaded)
26	Recording Resolution	12MP, 8MP, 5MP, 4MP, 3MP, 2MP, 720p, D1, CIF
27	Pre-Record	Up to 30 Sec
28	Post-Record	10-300 Sec
29	Recording Format	AVI /MP4 or Equivalent
30	Recording types	Scheduled Manual Alarm & Etc
31	Snapshot Format	JPEG
32	Adaptive Recording	Should Support
33	Bandwidth Optimization	Should Support

34	Search Mode	Date and Time, Camera, Recording Type, Recording Drive
35	Playback Modes	Fast Forward, Slow Forward, Slow Reverse, Fast Reverse at Different Speed Control, Next-Previous Frame
36	Backup	Manual / Scheduled Backup over USB2.0 /3.0 and Network
37	Configuration Backup	Should Support
38	Remote Operation	Live View, PTZ Control, Playback, System Configuration, Video Download, Log, Software Upgrade
39	Camera Events	Detection- Motion, Tamper, Trip Wire
		Analytics - Object Intrusion, missing & Counting
		Alerts- Camera Online, Camera offline etc
		Recording alert - Start & Stop
40	System events	Manual Trigger,
		On Boot Alarm
		Storage Alert, Disk Volume Full, Disk Fault, Scheduled Backup Fail
41	Actions	Email Notification with Snapshot, TCP Notification, Recall PTZ Pre-set Position,
		Recording on Selected Channel, Upload Images on FTP/Email server
		Turn On/Off Alarm Outputs, Buzzer Notification, SMS Notification, Calling from Mobile App
42	Alarm Input	2 Ports
43	Alarm Output	1 Port
44	Network Interface	Min -1 Port x Ethernet (RJ-45) 10/100/1000Mbps
45	USB	Min- 2 Ports
46	Reset Switch	Should have Physical Interface /GUI
47	Operating temperature range	0°C to +50°C (32°F to 122°F) or better
48	Humidity range	5% to 95% RH Non-Condensing

49	Power input	Internal / External
50	Regulatory Approvals/ Certifications to be attach	BIS, FCC, CE, RoHS

Item Code		ST-CT02-2026-0019-003
Item Description		Surveillance Hard disk – 10 TB
Sl. No.	Parameter	Specifications
1	Hard disk type	24 * 7 surveillance HDD
2	Capacity	10 TB
3	Interface	SATA
4	Form factor	3.5"
5	Cache memory	64 MB or better
6	Rotational speed	5400 rpm or higher
6	Reliability — load / Un load cycles	3,00,000 or higher
7	MTBF	1 million hours or higher
8	Operating	0 °C to to 45 °C or better
9	Emissions & safety	CE or FCC
10	ISO certificates	ISO 9001:2008 and ISO 14001: 2004

Item Code		ST-CT02-2026-0019-004
Item Description		L2 Managed 8 ports POE switch
Sl. No.	Parameter	Specifications
1	Ports	8 x 10/100/1000Base-T + 2 x 100/1000Base-X (SFP)
2	Performance	Shall support 20 Gbps Switching Capacity and 14.88 Mpps forwarding rate
3	ACL & Vlan Table	Shall support minimum 750 ACL Table & 4K Vlan, 8K Mac Address
4	Vlan	Port Based Vlan, IEEE802.1Q, Voice Vlan
5	Multicast Functions	IGMP v1/v2 snooping, IGMP Fast Leave

6	Security Features	Mac Based ACL, IP based ACL, MAC-IP ACL, User-Defined ACL, Time range ACL, VLAN ACL, Port Security, ARP Binding, AAA, IEEE 802.1x, TACACS+, Radius
7	DHCP Management	IPv4/IPv6 DHCP Client, IPv4/IPv6 DHCP Snooping, Option 82
8	Spanning Tree	802.1D STP, 802.1W RSTP, 802.1S MSTP Root Guard/Restriction, BPDU Forwarding, Loop back Detection
9	Management Port	Must Have RJ45 Port (In Band / Out of Band)
10	Operation Management	TFTP/FTP CLI/Https, Telnet, SSH (IPv4/IPv6), SNMPv1/v2c/v3, Private MIB interface
11	POE Protocols	IEEE 802.3af POE(15.4W) and IEEE 802.3at POE+ (30W) support on all ports
12	POE Budget	120 Watts or better
13	IPv6 Features	Support IPv4/v6 Dual stack
14	Operating Temperature	Operating Temperature : 0 °C ~ 50 °C
15	Certificate	CE, FCC, IEC 62368-1 (or UL 62368-1), and MTCTE

Item Code		ST-CT02-2026-0019-005
Item Description		CAT 6 cable 4 pair UTP Cable
Sl. No.	Parameter	Specifications
1	Standard Length	305 Meters (1000 Feet) Per Box package
2	Cable Type	4 twisted pairs separated by internal X shaped, 4 channel, polymer spine / full separator. Half separator shall not be accepted. Support for Fast and Gigabit Ethernet. Sequential meter marking shall be done in the cable.
3	Conductor	Metal –Solid Bare copper
		Diameter- 23 AWG (0.57 mm +/- 0.015 mm)
4	Sheath	Fire Retardant PVC Compound (FRPVC)
5	Bandwidth	Cable shall meet the transmission characteristics specified to 250 MHz

6	Performance characteristics	Cable shall be compliant with ANSI/TIA-568.2-D channel performance and it shall be ANSI/TIA-568.2-D certified.
7	To be included	Labour charges, 1" PVC pipe with fixtures to be included
8	Certification	IEC 60332-1 (or UL or Equivalent)

Item Code	ST-CT02-2026-0019-006
Item Description	Desktop Computer for SRO

General:

- a) The system shall be powered by a commercially available x86-64 processor from AMD or Intel or equivalent as approved by ELCOT
- b) The offered processor shall be current or recent generation and shall not be End-of-Life (EOL).
- c) OEM support for minimum five (5) years shall be available.
- d) Shall support Windows 11 Pro, BOSS Linux, Secure Boot, TPM 2.0.
- e) Processors declared EOL shall not be accepted. Bidder must specify make, model, and non-EOL declaration. Only new and unused processors permitted.
Refurbished or grey-market CPUs prohibited.
- f) In case of proposing of any equivalent hardware by the bidders, it shall be submitted during the Sample evaluation itself. Any acceptance of equivalence shall be as per the approval of ELCOT only and it shall be before bid submission. In case of any change or modification after that by bidder, the bid shall be summarily rejected.

S. No	Parameter	Specifications
1	Processor	<p>The Desktop Computer shall be powered by a commercially available x86-64 processor from Intel or AMD, suitable for Government office productivity and e-Governance applications. The processor offered shall be current or recent generation and shall not be End-of-Life (EOL) or End-of-Sale as on the date of bid submission.</p> <p>Intel 14th Gen, Intel Core i5-14400 processor (P core Base frequency 2.5 GHz, P core Maximum frequency 4.7 GHz, 20 MB cache, 6 P-Cores, 16 Threads) or Higher or AMD Ryzen 5 8500G processor (Base frequency 3.5 GHz, Maximum frequency 5 GHz, 22 MB Cache, 6 Cores, 12 Threads) or higher Or any other equivalent processor meeting the above minimum criteria and as approved by ELCOT</p>
2	Chipset / Mother Board	<p>Intel Q670/ H610/ H770/ B760 or AMD Pro 600/ Pro 665 or higher Intel / AMD / Equivalent compatible chipset. In case of such higher compatible chipset, the approval of Tender Inviting Authority shall be obtained at least one week before bid submission due date.</p>

S. No	Parameter	Specifications
3	Ports	<ul style="list-style-type: none"> a. Min 2 PCI Express Slots or Higher b. 10/100/1000 Mbps Ethernet Port or Higher c. Minimum 2 number of display output with atleast one HDMI d. USB Ports – minimum 8 ports as follows. e. Minimum 2 numbers of 3.1 Gen 1 Type A. Minimum 1 number of Type-C. Minimum 2 numbers in front of the Cabinet. f. WiFi card for internet access
4	Memory	32 GB DDR5 SDRAM, minimum 4800 MT/s, expandable up to 64 GB or higher.
5	Graphics	Intel UHD or AMD Radeon Integrated Graphics compatible with the processor. Min 4 GB DDR5 Graphics Card or Higher.
6	Storage	512 GB SSD or Higher
7	Monitor	21" (\pm 0.5 inch) TN/VA/ IPS Color Monitor with LED backlit. Resolution 1920 X 1080 or Higher. Desktop and Monitor should be from same OEM.
8	Pre-loaded Operating system	Windows 11 Home (Factory Pre-Loaded Windows Home Recovery Image, Bios and other drivers must be available in OEM Web site)
9	Power	Minimum 180W or higher, Power Efficiency - 80% or Higher
10	Security	TPM 2.0 or above (fTPM or compatible dTPM)
11	Keyboard	Standard OEM USB Wired Keyboard (Min 104-Keys) (LED Indicator for CAPS LOCK, NUM LOCK)
12	Mouse	Standard OEM USB Wired Mouse
13	Operating Conditions	Operating Temperature: 5° to 35° C

S. No	Parameter	Specifications
14	OS Compliance	BOSS Linux latest version and Windows 11 or above compliance by OEM (Dual boot)
15	Preloaded Software	<p>a) Libre Office</p> <p>b) TVA Tamil Keyboard layout and approved Tamil Unicode fonts</p> <p>c) (https://www.tamilvu.org/en/coresite-html-cwdownloaden-342471) (https://www.tamilvu.org/en/unicode) (https://www.tamilvu.org/en/Tamil-Keyboard-interfaces-fonts)</p> <p>d) Tamil software tools (https://www.tamilvu.org/en/content/tamil-computing-tools)</p> <p>e) Firefox Browser, VLC media player Antivirus - McAfee/ Quick Heal/ Symantec/ Trend Micro/ equivalent - with minimum 5 years Licence</p>

S. No	Parameter	Specifications
16	General Certification	<p>The following certifications shall be submitted:</p> <p>RoHS (Restriction of Hazardous Substances) requirements.</p> <p>Energy efficiency - Energy Star/ BEE certification</p> <p>Safety - CE / UL, Environment – EPEAT/ Equivalent certification, TCO/BIS Certification for Monitor (Copies should be enclosed)</p> <p>The OEM/Producer/Importer of the offered IT hardware shall possess valid registration under the E-Waste (Management) Rules, 2016 as amended and the E-Waste (Management) Rules, 2022, and shall comply with Extended Producer Responsibility (EPR) obligations prescribed thereunder. Copy of valid EPR Registration/Authorisation issued by Central Pollution Control Board (CPCB) or concerned authority shall be uploaded with the Technical Bid. The Bidder/OEM shall provide details of the take-back/collection mechanism for the supplied products in Tamil Nadu, in line with E-waste management guidelines issued by CPCB/TNPCB, and shall support the End User in environmentally sound disposal at end of life</p>
17	Form factor	Micro/Mini tower (SFF will not be accepted)

Item Code		ST-CT02-2026-0019-007
Item Description		27" Color Monitor with LED
Sl. No.	Parameter	Specifications
1	Monitor	27" (\pm 0.5 inch) LED monitor. FHD Resolution 1920 x 1080 or higher.
2	HDMI Cable	15 meter HDMI cable

Item Code		ST-CT02-2026-0019-008
Item Description		1KVA On-Line UPS
Sl. No.	Parameter	Specifications
1	Capacity	1 KVA TRUE ONLINE UPS
2	Back-up Time	120 minutes
3	Inverter Type	IGBT (Make and current capacity to be specified by the tenderer)
4	Mains Voltage Regulation	150 - 270V AC, SINGLE PHASE
5	Input Frequency with Tolerance	50 Hz, +/- 3 Hz
6	Battery (Secondary Source)	Sealed maintenance free (SMF) type 1. AH and no. of batteries shall be suitably selected for backup time of 120 mins at 800 W Load (Resistive) 2. Minimum VAH rating of battery bank should be 2700 Battery should also be included as a part of warranty
7	DC Bus voltage	To be specified by the tenderer. Make and number of batteries, each battery capacity and voltage are to be specified. The Make and AH of the battery submitted for evaluation will alone be accepted for supply
8	Make of the Battery	Preferred make: Exide/ Amaron/ HBL . The Make and AH of the battery submitted for evaluation will alone be accepted for supply
9	Battery Storage Box/Rack	External Storage Box / MS-Rack for housing the Batteries, with safety provisions shall be supplied along with the UPS system
10	Output Voltage	230 AC, Single Phase (+/-1%)
11	Output Frequency with Tolerance	Output frequency with tolerance specification 50 Hz, ± 3 Hz
12	Waveform	Pure Sine wave
13	Load power factor	0.8 PF
14	Overload Capacity	Withstand for 5 minutes at 110% load
15	Total Harmonic Distortion	< 4% for Linear load and 5% for non linear load
16	Over all Efficiency	> 80%

17	Ambient Temperature	0 – 45°C
18	Duty Cycle	Continuous
19	Cooling	Forced air cooling
20	Protections	1) Input, Output – Low and High 2) Battery low and high voltage 3) Input, output – Fuse 4) Battery - MCB/Fuse 5) Short circuit 6) Over load 7) Transient Surge
21	Controls	Manual By-pass Switch and static bypass switch to be provided with Indications
22	Power sockets	3 Nos. of 5A Sockets.
23	Trip Conditions	Over load, Over and Under voltage, Short Circuit
24	Indications	Mains ON, Inverter ON, Battery Low, Overload.
25	Alarms (Audio)	For extreme battery low voltage.
26	Meter or percentage Level	AC O/P Voltage, O/P current, I/P Voltage, I/P Current, Battery Voltage, Battery Current, Input/Output frequency
27	Manuals	Operating and User manual to be Provided
28	Name Plate in the UPS	Sr.No and Name plate in UPS-Riveted metal plates /Stickers
29	Isolation Transformer	Isolation Transformer must be provided internally /externally at input.
30	Certification	1. ISO Certifications Mandatory - ISO 9001:2015 and ISO14001:2015 2. Certificate from SAMEER / ETDC/ NTH / ERTL / NABL or any other Government authorized Testing Lab, for any back up of the quoted UPS Capacity, for this tender specifications shall be furnished (issued within last 6 years).
31	Other Features	1. SNMP Card - Provisions should be available 2. UPS shall be compatible with Diesel Generator for the input range of frequency and voltage 3. Charges for wiring, labour etc. to be included

Item Code		ST-CT02-2026-0019-009
Item Description		Pipe Earthing
Sl. No.	Parameter	Specifications
1	Conducting material	1.Copper wire/strip for earthing (8 mm Gauge Copper Wire/Strip for Earthing/ Earth bus bar) 2. 2.5 sq. mm wire should be used for earth.
2	Earth Rod	Earth Pipe would be a single rod GI pipe of 5 feet and 40 mm dia.
3	Housing	Earthing (including Cement pit & Cover) Earth Lid 1 " Thickness
4	Fastening of earth	The Earth wire is Fastened in GI Rod with GI Nut and Bolt for Strong attachment.
5	Civil Work	Earth Pit visibility above the ground should not be more than two inches
		The Earth Pit shall be of a standard size of 12" x 12" to be maintained
6	Standards	Connection of earth wire to the earth pipe should be visible.
		Water collecting portion in earth pipe should be tightly fitted
		Necessary Earthing Chemicals – Charcoal and Salt shall be used.
		Earth Voltage shall be less than 3 Volts.

Item Code	ST-CT02-2026-0019-010
Item Description	Labor charges for LAN cabling and related services including IP configuration. 1" PVC pipe with fixtures (CAT 6)

Item Code	ST-CT02-2026-0019-011
Item Description	UPS output wiring from 1 KVA on-Line UPS to Desktop and 6U Rack (3C*2.5Sq.mm)

Item Code	ST-CT02-2026-0019-012
Item Description	Labor charges for UPS wiring and related services, 1" PVC pipe with fixtures

Item Code	ST-CT02-2026-0019-013
Item Description	Switch and Socket
2* 5 A Switch and Socket , 1 *15 A SS Combined	

Item Code		ST-CT02-2026-0019-014
Item Description		P1 Indoor LED Video wall (Screen size-16ft X 8ft)(±2%)
Sl. No.	Parameter	Specifications
1	LED Type	SMD
2	Pixel	1.25 mm(±0.05)mm
3	Pixel Resolution Density / m2	6,35,000 pixel/m2 or higher
4	Frame Frequency	>_60 HZ
5	Input signal - Controller	DVI / DP,HDMI
6	Brightness Correction	Brightness Correction through software - Module by Module. Cabinet by cabinet
7	Brightness CD/m.ng	500 nits or above
8	Operating Hours	24/7
9	Max Power (W/Sqm)	600W/m2
10	Avg Power (W/Sqm) Grey	200W/m2 +/- 10%(to allow more participation)
11	Refresh rate	3840 Hz
12	Working Temperature	0°C~40 °C
13	Input Voltage	200 - 240 V 50-60Hz
14	MTBF (Mean Time Between Failure)	Non Stop Running upto 5000 hrs
15	Life Span	100,000 hours
16	Protection Level	IP30 or better
17	Viewing Angel	Horizontal 140" Vertical 140 or better
18	Stabilizer	Servo (m2=1KVA) or higher
19	Control Unit	a) LED video Processor suitable for various input sources. b) Control unit shall be installed from same OEM or similar compatible control unit is also accepted. However, bidder shall ensure that no integration problem arises between the control unit and the Video Wall during the life cycle period.
20	Certifications	BIS/CE/ FCC/UL and RoHS

Item Code		ST-CT02-2026-0019-015
Item Description		55 inch LCD UHD (4K) Professional Display Monitor
Sl. No.	Parameter	Specifications
1	Panel Technology & Size	LCD Professional Display (with LED backlit), 55 inch or higher
2	Display Ratio	Aspect ratio of 16:9.
3	Native Resolution	UHD (4K) - 3840 X 2160 pixel or higher
4	Brightness	400 nits or above
5	Internal Memory	8 GB or higher
6	Operation Hours	24/7
7	Viewing Angle (H x V)	178 x 178
8	Ports	Min HDMI IN X 3,USB X 1 or higher Audio Out X 1,RS232C(in/out),Ethernet 10/100 Mbps(RJ45) Built in WIFI
9	In-built Speakers	built in - speaker 10W +10W
10	Accessories	1)Wall Mount Bracket 2) Power Cable 3) Remote control 4) Manual
11	Operating Temperature	0°C to 40° or higher
12	Power Supply	AC 100 – 240 v - 50 / 60Hz
13	Certifications	BIS/CE/FCC and RoHS

Item Code		ST-CT02-2026-0019-016
Item Description		L3 Managed 24 ports switch with 10G Uplink
Sl. No	Parameter	Specifications
1	Switching ports	Shall support 24# 10/100/1000 Mbps Base-T, 4# SFP+ 10G Fiber Ports
2	Management Ports	RJ45/USB Console port
3	Performance	Shall support 128Gbps Switch Capacity and 95 Mpps forwarding rate

4	IPv4/IPv6 Routing Table	8K or more
5	Vlan	802.1Q, 4K VLAN, MAC VLAN, Voice VLAN, PVLAN, Protocol VLAN, Multicast VLAN.
6	Spanning Tree	STP, RSTP, MSTP
7	Qos	Qos - 8 Queues Per Port supporting both unicast & multicast and should support, SP, WRR/WDRR and WRED
8	ACL	IP ACL, MAC ACL, MAC-IP ACL, User-Defined ACL, Time range ACL, VLAN ACL, Port Security, ARP Binding, AAA, IEEE 802.1x, TACACS+, Radius
9	IPv6 Features	Should support ICMPv6, DNSv6, IPv6 PBR, IPv6 VRRPv3, OSPFv3 and BGP4+ Should support IPv6 Multicast VLAN, PIM-SM/DM for IPv6, IPv6 ACL and IPv6 QOS DHCP Server/Client for IPv6 Should support IPv6 Management Features
10	L3 Routing Features	Static Routing, RIPv1/v2, OSPFv2, OSPFv3, BGP4, BGP4+, PBR, LPM Routing, ECMP, VRRP, Multicast routing, PIM-SM, PIM-DM (All Routing Features should be available from Day1)
11	DHCP Features	DHCP Client, DHCP Relay, DHCP Snooping, Option-82 and DHCP Server
12	Management Features	Web, CLI, Telnet and Console access TFTP/FTP and SSH v1/v2 SNMPv1/v2c/v3 RMON 1,2,3,9 and Radius Authentication Syslog (Internal & External) and SNTP/NTP, Dual Firmware Images and Configuration Files, sFlow, RSPAN
13	OAM Support	802.3ah and 802.1ag
14	Operating Temperature	Operating Temperature : 0 °C ~ 50 °C
15	Certificate	CE, FCC, UL 60950 or IEC 62368-1, MTCTE
16	Stacking	Switch shall support stacking by having dedicated stacking ports /uplink ports and necessary stacking cable shall be provided from day 1.

Item Code	ST-CT02-2026-0019-17
Item Description	Workstation for DIG Office & Workstation for Time and Attendance Database and Application Hosting

General:

- a) The system shall be powered by a commercially available x86-64 processor from AMD or Intel or equivalent as approved by ELCOT
- b) The offered processor shall be current or recent generation and shall not be End-of-Life (EOL).
- c) OEM support for minimum five (5) years shall be available.
- d) Shall support Windows 11 Pro, BOSS Linux, Secure Boot, TPM 2.0.
- e) Processors declared EOL shall not be accepted. Bidder must specify make, model, and non-EOL declaration. Only new and unused processors permitted.

Refurbished or grey-market CPUs prohibited.

- f) In case of proposing of any equivalent hardware by the bidders, it shall be submitted during the Sample evaluation itself. Any acceptance of equivalence shall be as per the approval of ELCOT only and it shall be before bid submission. In case of any change or modification after that by bidder, the bid shall be summarily rejected.

Sl. No	Parameter	Specifications
1	Processor	<p>The Desktop Computer shall be powered by a commercially available x86-64 processor from Intel or AMD, suitable for Government office productivity and e-Governance applications. The processor offered shall be current or recent generation and shall not be End-of-Life (EOL) or End-of-Sale as on the date of bid submission.</p> <p>Intel 14th Gen, Intel Core i7-14700 processor (P core Base frequency 2.1 GHz, P core Maximum frequency 5.3 GHz, 33 MB cache, 8 P-Cores, 28 Threads)/ Intel Core Ultra 7 265 Processor (P core Base frequency 2.4 GHz, P core Maximum frequency 5.2 GHz, 30 MB L3 cache, 8 P-Cores, 20 threads)</p> <p>Or</p> <p>AMD Ryzen 7 8700G processor (Base frequency 4.2 GHz, Cache 24 MB, 8 Cores, 16 Threads) or Higher</p> <p>Or</p> <p>any other equivalent processor meeting the above minimum criteria</p>
2	Chipset / Mother Board	<p>Intel Q870/ W880/ W680 or AMD Pro 600/ Pro 665/ B650 / B650E / X670 or higher Intel / AMD / Equivalent compatible chipset. In case of such higher compatible chipset, the approval of Tender Inviting Authority shall be obtained at least one week before bid submission due date.</p>

Sl. No	Parameter	Specifications
3	Ports	<ul style="list-style-type: none"> a. Min 2 PCI Express Slots or Higher b. 10/100/1000 Mbps Ethernet Port or Higher c. Minimum 2 number of display output with atleast one HDMI d. USB Ports – minimum 8 ports as follows. e. Minimum 2 numbers of 3.1 Gen 1 Type A Minimum 4 numbers in front of the Cabinet f. Wifi Card for internet access
4	Memory	64 GB DDR5 SDRAM, minimum 4800 MT/s, expandable up to 128 GB or higher.
5	Graphics	Intel UHD or AMD Radeon Integrated Graphics compatible with the processor. Min 4 GB DDR5 Graphics Card or Higher
6	Storage	1 TB SSD or higher
7	Monitor	21" (\pm 0.5 inch) TN/VA/IPS Color Monitor with LED Backlight. Resolution 1920 X 1080 or Higher. Desktop and Monitor should be from same OEM.
8	Pre-loaded Operating system	Windows 11 Professional (Factory Pre-Loaded Windows Professional, Recovery Image, Bios and other drivers must be available in OEM Web site)
9	Power	Minimum 400W or higher, Power Efficiency - 80% or Higher
10	Security	TPM 2.0 or above (fTPM or compatible dTPM)
11	Keyboard	Standard OEM USB Wired Keyboard (Min 104-Keys) (LED Indicator for CAPS LOCK, NUM LOCK)
12	Mouse	Standard OEM USB Wired Mouse
13	Operating Conditions	Operating Temperature: 5° to 35° C

Sl. No	Parameter	Specifications
14	OS Compliance	BOSS Linux latest version and Windows 11 or above compliance by OEM (Dual boot)
15	Preloaded Software	<p>a) Libre Office</p> <p>b) TVA Tamil Keyboard layout and approved Tamil Unicode fonts</p> <p>c) (https://www.tamilvu.org/en/coresite-html-cwdownldn-342471) (https://www.tamilvu.org/en/unicode) (https://www.tamilvu.org/en/Tamil-Keyboard-interfaces-fonts)</p> <p>d) Tamil software tools (https://www.tamilvu.org/en/content/tamil-computing-tools)</p> <p>e) Firefox Browser, VLC media player Antivirus - McAfee/ Quick Heal/ Symantec/ Trend Micro/ equivalent - with minimum 5 years Licence</p>

Sl. No	Parameter	Specifications
16	General Certification	<p>The following certifications shall be submitted:</p> <p>RoHS (Restriction of Hazardous Substances) requirements.</p> <p>Energy efficiency - Energy Star/ BEE certification</p> <p>Safety - CE / UL, Environment – EPEAT/ Equivalent certification, TCO/BIS Certification for Monitor (Copies should be enclosed)</p> <p>The OEM/Producer/Importer of the offered IT hardware shall possess valid registration under the E-Waste (Management) Rules, 2016 as amended and the E-Waste (Management) Rules, 2022, and shall comply with Extended Producer Responsibility (EPR) obligations prescribed thereunder. Copy of valid EPR Registration/Authorisation issued by Central Pollution Control Board (CPCB) or concerned authority shall be uploaded with the Technical Bid. The Bidder/OEM shall provide details of the take-back/collection mechanism for the supplied products in Tamil Nadu, in line with E-waste management guidelines issued by CPCB/TNPCB, and shall support the End User in environmentally sound disposal at end of life</p>
17	Form factor	Micro/Mini tower (SFF will not be accepted)

Item Code		ST-CT02-2026-0019-018
Item Description		42U Floor Standing Rack – IGR
Sl. No.	Parameter	Specifications
1	Height Dimension &	Height 42U, Width 800 mm and Depth 1000mm
2	Material Thickness	1.6mm or better

3	Loading capacity	500KG \pm 10% or better Loading capacity
4	Front Door	Full Metal with Grill, Double door with Lock and Key
5	Cabinet Material	Powder coated CRCA sheet
6	Mounting	Floor Standing Rack
7	Form Factor	Rack Mount/DIN Rail
8	General	Rubber Closure for cable entry holes 19" Adjustable rails in the front and rear, Rear/Side cable entry facility with Glands Hardware Screw pocket included. Bidder shall visit IGR office and based on the available infrastructure, the rack size should be appropriately designed and accommodated.

Item Code		ST-CT02-2026-0019-019
Item Description		24U Floor Standing Rack – DIG office
Sl. No.	Parameter	Specifications
1	Height & Dimension	Height 24U, Width 600 mm and Depth 800mm
2	Material Thickness	1.2mm or better
3	Loading capacity	300KG \pm 10% or better Loading capacity
4	Front Door	4mm toughened Glass door with Lock and Key
5	Cabinet Material	Powder coated CRCA sheet
6	Mounting	Floor Standing Rack
7	Form Factor	Rack Mount/DIN Rail
8	General	Rubber Closure for cable entry holes 19" Adjustable rails in the front and rear, Rear/Side cable entry facility with Glands Hardware Screw pocket included

Item Code		ST-CT02-2026-0019-020A
Item Description		Storage Solution
Centrally managed storage platform required for whatsapp integration - Secured storage with necessary hypervisor		

Nodes	<p>Proposed solution should be a scale-out Object storage appliance/solution comprising a minimum of 3 nodes based on Intel x86 platform.</p> <p>It should support mixing of different generations of hardware for future upgrades within the same cluster / namespace</p>
Capacity	The Object storage should be configured with ~ 300TB of usable capacity using 4TB/8TB SAS drives without any data reduction.
Scalability	The Object storage should be scalable to 2 PB in a single namespace.
CPU/Node	Each node should have minimum 20-Core, Intel Xeon 2.0 GHz CPUs or better
Memory/Node	Each node should have minimum 256GB RAM
Performance	The Object Storage should deliver a throughput of minimum 3GBps for the above mentioned capacity and should increase linearly with every upgrade.
Data Drives/Node	<p>Each node should support Scale-up and Scale-out configuration.</p> <p>The Object storage should support 4TB, 8TB SAS drives or better</p>
Metadata SSD/Node	Each node should have minimum 1.6TB of SSDs/NVMe dedicated for accelerating metadata read/write operations.
S3 API/Software	The proposed Object Storage should natively support AWS S3 API, REST API.
Data Protection	<p>The proposed Object Storage should use Erasure Coding for data protection without any dependency on traditional RAID.</p> <p>The storage should be configured to sustain failure of 4 drives or 1 entire node in the cluster.</p>
Switches/ Networking	The proposed storage should have minimum 2x32-port 25GbE Switches dedicated for inter-node communication. The solution should also comprise of 2 x 32-port 25GbE TOR/Frontend switches.
Load Balancers	The proposed solution should also comprise of a pair of Hardware/Software Load Balancers.
Features	<ol style="list-style-type: none"> 1. Should natively support AWS S3 API and access to other protocols like S3a, HDFS & REST. 2. Data Immutability / WORM capability to prevent

	<p>malicious deletion of data</p> <p>3. Should provide time based data retention and prevent data deletion before the expiry of retention time</p> <p>4. Support for AD / LDAP / equivalent authentication for internal users</p> <p>5. Web interface Portal for managing the entire storage solution.</p>
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Item Code	ST-CT02-2026-0019-020B
Item Description	Server for Video Management Platform (3 Nos)
3 numbers of Physical server or equivalent Solution to offer useable resources of 48 cores/ 512 GB/ 12 TB of Storage post 1 node failure	
CPU	32 cores 3Ghz CPU or higher
Memory	256GB Memory per Node
Boot Device	2 x 480 GB in RAID-1 configuration
Ethernet Adapters	2 x DP 10/25Gb SFP+ with Transceivers
Total Storage Capacity for the cluster on NVMe drives	<p>Total of 12TB Total usable capacity after RAID-6 or FTT-2 data protection.</p> <p>Offered usable capacity should take care of overheads to support concurrent dual drive failure plus 1 full compute node failure.</p> <p>Offered capacity should be based on NVMe drives with individual drive capacity not exceeding 3.84TB.</p>
Hypervisor and Management Software licensing	Necessary Hypervisor Software license, Secure Centralized management software with full-life cycle management capability including server firmware, hypervisor, management, network interconnect etc.
Network Switching	
1	<u>Required SAN Switch * 1 No.</u>
	48x10/25Gbe SFP+ ports or better with all SFP Modules populated
2	<u>Management Switch * 1 no.</u>
	24 x 1 Gb BaseT ports or better with necessary cables

Item Code		ST-CT02-2026-0019-020C
Item Description		Management Portal to store and send registration videos
Sl. No.	Specifications	
1	The portal should have redundant web and application instances	
2	The central management portal should provide visibility about all the SRO client systems connected to it, their health status, software version etc with remote update capabilities	
3	Should provide centralized file system and with secure multi-site file collaboration across SROs	
4	Allow users to create and share web links securely to specific internal and external users over the internet by integration with whatsapp gateway	
5	The web link should allow for the specific file to be downloaded by the external client	
6	The web link should be configurable with expiration time beyond which, the file should not be made accessible to the external user	
7	Necessary Windows client software for each SRO to be provided for secure access to the centralized storage	
8	<p>The client machines at SROs should be able to upload the exact duration of the registration event by specifying the starting time and closing time of the registration event</p> <p>The clients should be able to cache data locally to handle network disruptions and automatically sync data to the central site once the link is re-established</p>	
9	Should provide ransomware detection and recovery capability	
10	Customized reports based on requirement.	
11	Comprehensive, non-repudiable audit trails can be built and maintained for records, future reference, audits and compliance.	
12	It should also support centralized updates of client software to the SROs when new versions of the client software need to be deployed.	

Item Code		ST-CT02-2026-0019-021
Item Description		Time and Attendance Software
Sl. No.	Parameter	Specifications
1	Brief Understanding of the solution	Fingerprint scanner connected via PC to mark the attendance of the Team present for the day /month / Year in IGRS project
2	Application architecture	Centralized web based Attendance solution

3	Onsite FP scanners	The FP scanners should have valid STQC certificate with a minimum validity of 2 years and the vendor has to extend as per the contract time to time
4	Extractor and Verification algorithm	Standard-based enrolment and authentication
5	Enrolment application	Under friendly centralised application to enrol the site engineer during recruitment
6	Engineers swapping / backup engineers	Application should have the feasibility to assign the new/ backup engineer to mark his/her attendance without any additional enrolment at site
7	Android App as fall-back	In the event of PC failure there should be Android Application to register the attendance at Client side
8	Add. Security	Application should whitelist the FP Device with MAC Address to avoid misuse of attendance solution via personal laptop or PC
9	Other Interface API	API support to integrate with HRMS/Payroll application
10	Reports	Customized reports based on requirement.
11	Audit Trails	Comprehensive, non-repudiable audit trails can be built and maintained for records, future reference, audits and compliance.

Item Code		ST-CT02-2026-0019-022
Item Description		Single Fingerprint Scanner with STQC certified
Sl. No.	Parameter	Specifications
1	Interface	USB 2.0 or above
2	Operating System Compatibility	Android 4.5 or higher, windows 7.0 or higher, linux
3	Resolution	Optical 500 DPI and above
4	Active Platen Area	19 * 16.5 MM or STQC/UIDAI Certified One
5	Image Size	264 * 324 pixel or above
6	Gray Scale	256 Levels

7	Surface Coating	high durability top surface 9H hardness
8	Humidity	10 - 90 %
9	IP Protection	IP 54 or above
10	Operating Temperature	0 C TO 45 Degree C
11	Voltage	5V
12	Certification	STQC Certified, CE, RoHS compliant, ISO&PIV, BIS approved

Item Code		ST-CT02-2026-0019-023
Item Description		Rack 1U – 001(VMS Server Management)
Sl. No.	Parameter	Specifications
1	Processor	Intel® Xeon® Silver 4410Y Processor, 2.0 Ghz, 12C/24T, 30MB Cache, TDP (150W) or better, upgradable upto 2 Processor (or) AMD EPYC 9115 Processor 2.6 GHz 16C/32T, 64 MB Cache, TDP (125 W), upgradable up to 2 Processor (Or) better Bidder to ensure that quoted processor(s) works as intended in the proposed server environment of Dept.
2	Memory	16 GB DDR5 RDIMM (8 DIMM Slots per Processor). Proposed memory should have ECC support.
3	Raid Controller	On board SAS/SATA/NVMe controller which supports RAID: 0/1/5/10/6, 4 GB Flash Cache
4	Hard Disk Drive	1 x 1.2 TB SAS 12G Mission Critical 10K SFF, Server should also support additional SSD, SAS Drive
5	Bays	8 Bays or higher
6	System Fans	Hot/ cold plug fan required
7	Form Factor / Cabinet Type	1U Rack Mountable

8	Interfaces/PCI Slots	Minimum 2 PCI slots or higher
9	Network Interface	1Gbps Quad Port Network Adapter.
10	Ports	USB – min 3 nos with at least one with 3.0
11	Power Supply	hot-pluggable 1 + 1 redundancy
12	Manageability	The Server Management Software should be of the same brand as of the server supplier. Virtual KVM / Graphical Console / Virtual Folders, Virtual Media (USB flash drive and image)
13	Operating System	Latest Microsoft Windows Server
13a	OS Support	Latest Microsoft Windows Server , Red Hat Enterprise Linux & SUSE Linux Enterprise Server, Vmware
14	Monitor & Alert	Monitor and Alerting on key internal server components: CPUs, memory, temperatures, fans, RAID controllers, hard drives (including cache modules) and power supplies.
15	Industry Standard Compliance	PCIe 5.0 compliant, PXE support, USB 3.0 Support
16	Security	Components digitally signed and verified, Secure Boot & Start, Secure Erase, Silicon Root of Trust, Tamper free updates, TPM 2.0(Trusted Platform module) support
17	Benchmarks	SPEC int benchmark for the quoted processor models should be submitted either along with the bid or shall be submitted within 15 days from the date of submission of Bid.
18	End Of Sale & End Of Support	This server should not become End Of Sale for one year from the date of execution of Contract and should not become end of support for seven years from the date of issue of P.O. In case End of Sale is announced, Equivalent or improved configuration should be provided without any additional cost.

Item Code		ST-CT02-2026-0019-024
Item Description		Rack 1U – 001(VMS Server Streaming)
Sl. No.	Parameter	Specifications

1	Processor	Intel® Xeon® Silver 4410Y Processor, 2.0 Ghz, 12C/24T, 30MB Cache, TDP (150W) or better, upgradable upto 2 Processor (or) AMD EPYC 9115 Processor 2.6 GHz 16C/32T, 64 MB Cache, TDP (125 W), upgradable up to 2 Processor (or) better Bidder to ensure that quoted processor(s) works as intended in the proposed server environment of Dept.
2	Memory	2 x 32 GB DDR5 RDIMM (8 DIMM Slots per Processor) scalable up to 1 TB using RDIMM. Proposed memory should have ECC support.
3	Raid Controller	On board SAS/SATA/NVMe controller which supports RAID: 0/1/5/10/6, 4 GB Flash Cache
4	Hard Disk Drive	1 x 1.2 TB SAS 12G Mission Critical 10K SFF, Server should also support additional SSD, SAS Drive
5	Bays	8 Bays or higher
6	System Fans	Hot/ cold plug fan required
7	Form Factor / Cabinet Type	1U Rack Mountable
8	Interfaces/PCI Slots	Minimum 2 PCI slots or higher
9	Network Interface	1Gbps Quad Port Network Adapter.
10	Ports	USB – min 3 nos with at least one with 3.0
11	Power Supply	hot-pluggable 1 + 1 redundancy
12	Manageability	The Server Management Software should be of the same brand as of the server supplier. Virtual KVM / Graphical Console / Virtual Folders, Virtual Media (USB flash drive and image)
13	Operating System	Latest Microsoft Windows Server
13a	OS Support	Latest Microsoft Windows Server , Red Hat Enterprise Linux & SUSE Linux Enterprise Server, Vmware

14	Monitor & Alert	Monitor and Alerting on key internal server components: CPUs, memory, temperatures, fans, RAID controllers, hard drives (including cache modules) and power supplies.
15	Industry Standard Compliance	PCIe 5.0 compliant, PXE support, USB 3.0 Support
16	Security	Components digitally signed and verified, Secure Boot & Start, Secure Erase, Silicon Root of Trust, Tamper free updates, TPM 2.0(Trusted Platform module) support
17	Benchmarks	SPEC int benchmark for the quoted processor models should be submitted either along with the bid or shall be submitted within 15 days from the date of submission of Bid.
18	End Of Sale & End Of Support	This server should not become End Of Sale for one year from the date of execution of Contract and should not become end of support for seven years from the date of issue of P.O. In case End of Sale is announced, Equivalent or improved configuration should be provided without any additional cost.

Item Code		ST-CT02-2026-0019-025
Item Description		Rack 2U - 2P -002 (Analytics Server)
Sl. No.	Parameter	Specifications
1	Processor	Intel® Xeon® Gold 6448Y 2.1G, 32C/64T, 16GT/s, 60M Cache, Turbo, HT (225W) or higher (or) AMD EPYC 9335 3.0 Ghz 32C/64T 128M Cache, TDP (210W), or higher (Or) better Bidder to ensure that quoted processor(s) works as intended in the proposed server environment of Dept.
2	Memory	2 x 64 GB DDR5 RDIMM (16 DIMM Slots per Processor) scalable upto min 2TB using RDIMM. Proposed memory should have ECC support.

3	Raid Controller	SAS/SATA/NVMe controller which supports RAID: 0/1/5/10/6 8GB Flash Cache
4	Hard Disk Drive	1 x 1.2 TB, Server should also support additional SSD, SAS, NVMe Drive
5	Bays	8 bays or higher
6	System Fans	Hot/cold plug fan required
7	Form Factor / Cabinet Type	2U Rack Mountable
8	Interfaces/PCI Slots	Minimum 3 PCI slots
9	Network Interface	1Gbps Quad Port Network Adapter.
10	Ports	USB – min 4 nos with atleast one with 3.0
11	Power Supply	hot-pluggable 1 + 1 redundancy
12	Manageability	The Server Management Software should be of the same brand as of the server supplier. Virtual KVM / Graphical Console / Virtual Folders, Virtual Media (USB flash drive and image)
13	Operating System	Latest Microsoft Windows Server
13	OS Support	Latest Microsoft Windows Server , Red Hat Enterprise Linux & SUSE Linux Enterprise Server, Vmware
14	Monitor & Alert	Monitor and Alerting on key internal server components: CPUs, memory, temperatures, fans, RAID controllers, hard drives (including cache modules) and power supplies.
15	Industry Standard Compliance	PCIe 5.0 compliant, PXE support, USB 3.0 Support
16	Security	Components digitally signed and verified, Secure Boot & Start, Secure Erase, Silicon Root of Trust, Tamper free updates, TPM 2.0 (Trusted Platform module) support
17	Benchmarks	SPEC int benchmark for the quoted processor models should be submitted either along with the bid or shall be submitted within 15 days from the date of submission of Bid.
18	End Of Sale & End Of Support	This server should not become End Of Sale for one year from the date of execution of Contract and should not become End of Support for seven years from the date of issue of P.O. In case End

		of Sale is announced, Equivalent or improved configuration should be provided without any additional cost.
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Item Code		ST-CT02-2026-0019-026
Item Description		AI Functions VMS Licenses for 600 Cameras - SR Camera1
Sl. No.	Specifications	
1	Camera tampering: Detects if cameras are blocked, covered, or moved.	
2	People Count: <ul style="list-style-type: none"> i. Tracks how many people visited a SRO, peak hours registration and how often same citizen (other than employees) passes the display ii. Abnormal crowd detection iii. People count after office hours 	
3	Person crossing restricted lines	
4	Tracking: Identification of a person visiting record rooms/restricted area	
5	Motion detection: Motion detection after office hours.	

Item Code		ST-CT02-2026-0019-027
Item Description		VMS Licenses for 3000 cameras with Client login

Video Management Software:

The offered VMS shall be from an established OEM with minimum 5 years market presence and at least 3 comparable deployments of 500 cameras or more, and shall support the following.

- a) a minimum of 3000 IP cameras from Day 1 and shall be scalable for future expansion without replacement of the initially Integrated system.
- b) multi-brand ONVIF- and RTSP-compliant IP cameras, encoders, NVRs and DVRs and shall not be restricted to any specific OEM.
- c) live view, playback, PTZ, event search, alarms, mobile access, video wall display and centralized management from a single interface.
- d) minimum 64-camera simultaneous live view, configurable layouts up to 8x8, view sequencing and minimum 16-screen video wall display.

- e) search and playback by date/time, motion, alarm, camera name and event, with synchronized playback of minimum 16 cameras.
- f) snapshot, digital zoom, bookmarks, evidence lock, export in standard MP4 or Windows-playable format and pre-/post-event recording up to 30 seconds.
- g) PTZ control, presets, tours and two-way audio from desktop and mobile clients.
- h) recording on local storage, NAS, SAN, iSCSI or equivalent storage with multiple recording paths and storage redundancy.
- i) H.265 and H.264 recording up to minimum 4K resolution and 30 fps.
- j) adaptive streaming, dual stream and automatic switching between sub stream and main stream.
- k) minimum 10 concurrent local or remote client connections and support Windows, macOS, Android and iOS.
- l) multiple recording servers, centralized management server and N:1 or N:N failover without loss of recording.
- m) provide role-based access control, channel-wise user permissions, temporary users with validity period, complete audit logs and export of logs/reports in PDF or Excel format.
- n) provide automatic device discovery for ONVIF-compliant devices and remote administration over WAN / Internet.
- o) configurable retention, archiving, automatic overwrite and alerts for video loss, recording failure and low storage.

VMS Licenses:

- a) VMS licenses for all cameras shall be perpetual, non-expiring and registered in the name of the Client (IG, Registration)
- b) The Client shall have full ownership of all licenses, activation keys, OEM portal access, administrator credentials and configuration backup.
- c) Licenses shall remain valid even after expiry of warranty, AMC or change of system integrator.
- d) The Client shall have full administrator rights to add/remove cameras,

create users, modify settings and migrate the VMS to new hardware or another agency.

- e) The bidder shall not retain any hidden, exclusive or master administrator access.
- f) The bidder shall hand over all license keys, software, credentials, OEM registration proof and configuration backup in the name of the Client.
- g) The Client shall be free to operate, maintain, expand or transfer the system through any agency of its choice.

Item Code	ST-CT02-2026-0019-028
Item Description	Alternate Gateway for TNeGA WhatsApp gateway

MANPOWER SPECIFICATIONS

Item Code	ST-CT02-2026-0019-029 to ST-CT02-2026-0019-033	
Item Description	Manpower 1 - IPC Operator/DEO	
Minimum Eligibility	12th or higher with minimum one year experience in computer operation and with knowledge in computer operation.	
S. No	Description	Amount (in Rs.)
1	Daily Wages	596.00
2	Days	26.00
3	Maximum wages of Rs.15,000/- for PF Contribution	15000.00
4	Basic	15500.00
5	Gross	15500.00
6	Employee PF - 12% on Basic	1800.00
7	Employee ESI - 0.75% on Gross (Gross above Rs.21000/- ESI not applicable)	116.00
8	Employer PF - 13.00% on Basic	1950.00

9	Employer ESI - 3.25% on Gross (Gross above Rs.21000/- ESI not applicable)	504.00
10	Sub Total (Gross + Employer PF + Employer ESI)	17954.00
11	SGST 9% on Sub Total amount	1616.00
12	CGST 9% on Sub Total amount	1616.00
13	Min. Cost per month per resource incl. GST to be quoted by bidder for first year	21186.00
14	Minimum % increase year on year	3%

Item Code	ST-CT02-2026-0019-034 to ST-CT02-2026-0019-038	
Item Description	Manpower 2 – Team Leader	
Minimum Eligibility	Any degree with minimum three-year experience in IT Operations.	
S. No	Description	Amount (in Rs.)
1	Daily Wages	673.00
2	Days	26.00
3	Maximum wages of Rs.15,000/- for PF Contribution	15000.00
4	Basic	17500.00
5	Gross	17500.00
6	Employee PF - 12% on Basic	1800.00
7	Employee ESI - 0.75% on Gross (Gross above Rs.21000/- ESI not applicable)	131.00
8	Employer PF - 13.00% on Basic	1950.00
9	Employer ESI - 3.25% on Gross (Gross above Rs.21000/- ESI not applicable)	569.00

10	Sub Total (Gross + Employer PF + Employer ESI)	20019.00
11	SGST 9% on Sub Total amount	1802.00
12	CGST 9% on Sub Total amount	1802.00
13	Min. Cost per month per resource incl. GST to be quoted by bidder for first Year	23623.00
14	Minimum % increase year on year	3%

Item Code	ST-CT02-2026-0019-039 to ST-CT02-2026-0019-043	
Item Description	Manpower 3 – L2 Engineer	
Minimum Eligibility	Diploma / Degree Engineering in CS/IT / ECE / EEE / EI / BCA / MCA/ B.Sc (CS)/ M.Sc (CS) with 5 years' experience in IT Operations and 2 years relevant experience in networking. Relevant certification in CCNA	
S.No	Description	Amount (in Rs.)
1	Daily Wages	1235.00
2	Days	26.00
3	Maximum wages of Rs.15,000/- for PF Contribution	15000.00
4	Basic	32104.00
5	Gross	32104.00
6	Employee PF - 12% on Basic	1800.00
7	Employee ESI - 0.75% on Gross (Gross above Rs.21000/- ESI not applicable)	241.00
8	Employer PF - 13.00% on Basic	1950.00
9	Employer ESI - 3.25% on Gross (Gross above Rs.21000/- ESI not applicable)	0.00

10	Sub Total (Gross + Employer PF + Employer ESI)	34054.00
11	SGST 9% on Sub Total amount	3065.00
12	CGST 9% on Sub Total amount	3065.00
13	Min. Cost per month per resource incl. GST to be quoted by bidder for first year	40184.00
14	Minimum % increase year on year	3%

Item Code	ST-CT02-2026-0019-044
Item Description	Setting up necessary infrastructure in IGR office for running all server services such as UPS, Genset, AC, Rack, Network cables, SAN switch, Router, Static ips, Fire wall, Plug points, I/O ports and other required accessories - Qty - as required to meet the SLA

Item Code	ST-CT02-2026-0019-045
Item Description	Aggregation bandwidth with back up connectivity for 5 years

Item Code	ST-CT02-2026-0019-046
Item Description	Comprehensive AMC of existing 1150 IP Camera in record room (s) of SRO (Unit cost for 5 years per camera to be quoted)

Item Code	ST-CT02-2026-0019-047
Item Description	Integration of 1150 with new system

Item Code	ST-CT02-2026-0019-048
Item Description	Shifting Cost for IP Camera and other related infrastructure from SRO office to another.

Item Code	ST-CT02-2026-0019-049
Item Description	Cost for IP camera installation setup in new Office – for New office 5 No IP camera, 2 No NVR, 2 no 8 PoE Port Switch, 20 TB HDD, Computer, Monitor, UPS Installations Commissions as per Technical specifications each items in Above

Annexure - 1 Model Form of Contract

(To be executed on a Rs. 100/- Non-Judicial Stamp Paper bought in Tamil Nadu by the Successful Bidder for Supply, Installation, Commissioning and Maintenance of CCTV Systems for IGR 3.0 project under Lease cum Service model for a period of 5 years.

The Contract terms and conditions will be communicated to the Successful Bidder at the time of issue of LOA)

(NO FIGURES IN NUMERALS OR WORDS SHALL BE FILLED UP IN THIS SAMPLE FORM AT THE TIME OF SUBMISSION OF TENDER)

This CONTRACT is entered into at Chennai on theday of..... (Year) between M/s Electronics Corporation of Tamil Nadu Limited, a wholly owned Government of Tamil Nadu Undertaking, a Company registered under the Companies Act, 1956 having CIN : U27209TN1977SGC007291 , GSTN : 33AAACE1670K1ZU and having its Registered office at 9th Floor, Sigapi Aachi Building, 18/3, Rukmani Lakshmi pathi Road, Egmore, Chennai-600008 represented by Thiru/Tmt/Selvi -----, General Manager (Procurement) on behalf of Managing Director ELCOT and on behalf of End User (herein after referred to as "End User"), herein after referred to as "ELCOT" (which term shall mean and include its Successors and permitted assignees)

and

..... a Company registered under the Companies Act, 1956 and having its Registered Office at represented by Thiru/Tmt/Selvi -----, Managing Director/ Director/ Proprietary/ Partner hereinafter referred to as the "Successful Bidder /Contractor" (which term shall mean and include its Successors and permitted assignees).

Whereas, ELCOT had floated a Tender vide tender No. **E-ANGADI-ST-CT02-2026-0019-2** for the Tender for Supply, Installation, Commissioning and Maintenance of CCTV Systems for IGR 3.0 Project under Lease Cum Service model and the Successful Bidder has been selected in the Tender as per the Terms and conditions of the Tender.

And whereas both parties agree to the following: -

[Tender General, special conditions as amended by corrigendum/ clarified by pre-bid responses to be included here]

And both the parties also agree to the following: -

1. This document on having been signed by both the parties shall constitute a binding Contract between the parties and shall remain in force for a period of **60 months**.
2. Contract shall be extended for further periods as mutually agreed by ELCOT and the Contractor at the same Terms and Conditions including Price.
3. Validity of Bank Guarantee for Security Deposit shall be extended by the Contractor accordingly at its own cost.
4. The following documents shall be deemed to form and be read and construed as part of the Contract.
 - a) Tender document
 - b) Amendments/ Corrigendum and Addendum issued by ELCOT for the Tender Document

- c) Pre-bid responses
- d) Letter Of Acceptance/Letter Of Award issued by ELCOT and all connected documents including Supply Order/Purchase Order
- e) Correspondence made by ELCOT to the Contractor from time to time during the period of the Contract.

All correspondences to either parties shall be treated served if sent to the following addresses. It shall be the duty of either party to inform any change in addresses to the other party within 15 days of such change.

To ELCOT Angadi	To the Successful Bidder
The Managing Director, ELCOT Angadi, 9th Floor, Sigapi Aachi Building, 18/3, Rukmani Lakshmipathi Road, Egmore, Chennai – 600008 Phone: +91 44 2855 6120	
Copy: Chief Sales Officer, E Angadi, 9th Floor, Sigapi Aachi Building, 18/3, Rukmani Lakshmipathi Road, Egmore, Chennai – 600008	

In Witness whereof the parties hereto have signed on the day, month and year above written in the presence of

On behalf of ELCOT	On behalf of the Successful Bidder
<p>The General Manager (Procurement), ELCOT</p>	
<p>Witness:</p> <p>Chief Sales Officer, E Angadi</p> <p>Manager (Procurement)</p>	

Annexure – 2 Bank Guarantee Format

(To be executed in Rs.100/- Stamp Paper)

To

The Managing Director

Electronics Corporation of Tamil Nadu Limited

9th Floor, Sigapi Aachi Building, 18/3, Rukmani Lakshmipathi Road,

Egmore, Chennai – 600008

Bank Guarantee No:

Amount of Guarantee:

Guarantee covers from:

Expiry Date:

Last date for lodgement of claim/ Claim Expiry Date:

This Deed of Guarantee executed by (Banker's Name & Address) having our Head Office at(address) (hereinafter referred to as "the Bank") in favour of The Managing Director, Electronics Corporation of Tamil Nadu Limited, 9th Floor, Sigapi Aachi Building, 18/3, Rukmani Lakshmipathi Road, Egmore, Chennai – 600008 (hereinafter referred to as "the Beneficiary") for an amount not exceeding Rs._____/ - (Rupees _____ Only) as per the request of M/s. _____ having its office address at _____ (hereinafter referred to as "Successful bidder/Contractor") against Letter of Award reference _____ dated __/__/____ of M/s. Electronics Corporation of Tamil Nadu Limited. This guarantee is issued subject to the condition that the liability of the Bank under this guarantee is limited to a maximum Rs._____/ - (Rupees _____ Only) and the guarantee shall remain in full force up to ____ months from the date of Bank Guarantee and cannot be invoked otherwise by a written demand or claim by the beneficiary under the Guarantee served on the Bank before ____ months from the date of Bank Guarantee.

AND WHEREAS it has been stipulated by you in the said ORDER that the Successful bidder shall furnish you with a Bank Guarantee by a Scheduled Public Sector Bank for the sum specified therein as security for compliance with the Contractor's performance obligations for a period in accordance with the contract.

AND WHEREAS we have agreed to give the Successful bidder a Guarantee.

THEREFORE, we (Bankers address)....., hereby affirm that we are Guarantors and responsible to you on behalf of the Successful bidder up to a total of Rs._____/ - (Rupees _____ Only) and we undertake to pay you, upon your first written demand declaring the Successful bidder to be in default under the contract and without any demur, cavil or argument, any sum or sums within the limit of Rs._____/ - (Rupees _____ Only) as aforesaid, without your needing to prove or show grounds or reasons for your demand or the sum specified therein. We will pay the guaranteed amount notwithstanding any objection or dispute whatsoever raised by the Successful bidder.

This Guarantee is valid until _____ months from the date of Bank Guarantee.

Notwithstanding, anything contained herein

Our liability under this guarantee shall not be exceed Rs._____/ - (Rupees _____ Only). This bank guarantee shall be valid up to _____ months from the date of Bank Guarantee and we are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only and only if you serve upon us a written claim or demand on or before _____

In witness whereof the Bank, through its authorised Officer, has set its, hand and stamp on this at _____.

Witness:

(Signature)

(Name in Block Letters)

Annexure – 3 Manufacturer Authorisation Form for OEMs

(If the Authorised Reseller Agreement is submitted, this need to be filled
by the Bidder itself)

To

The Managing Director,

Electronics Corporation of Tamil Nadu Ltd.,

9th Floor, Sigapi Aachi Building, 18/3, Rukmani Lakshmipathi Road,

Egmore, Chennai – 600008

Sir,

We hereby authorise M/s (Complete address and full contact details of the partner) to undertake to submit a Bid, and subsequently negotiate and sign the contract with the End User against Tender No: **E-ANGADI-ST-CT02-2026-0019-2**.

We are responsible for the specifications and performance of the following items as per the Tender Conditions, supplied against the Tender Ref: **E-ANGADI-ST-CT02-2026-0019-2** throughout the Lifecycle of the product mentioned in the contract and its extensions **{Type the items and description of items offered in a table}**

Items

Description of items

We hereby extend our full warranty and maintenance support for the goods offered for supply by M/sagainst this Tender.

We also undertake to provide timely supplies as per terms of tender and as agreed mutually and also to provide a trouble free and continuous support either directly or through our authorised partners under our supervision during the Warranty and CAMC or any extended period.

We will provide the necessary spares support in the event of replacement of any spare parts if necessitated while providing Warranty and CAMC period or any extended Warranty Period and if the spares are not available then we will arrange for complete replacement of the item(s) with an equivalent/higher/next generation model which is acceptable to ELCOT/End User.

Products to be supplied against the Tender are in compliance with provisions of General Financial Rules' restrictions on Bidders from countries which share a land border with India.

In the event of discontinuation of supply and service by our partner or any problem arises during provision of supply and services, entire responsibility rest with the OEM to provide trouble free and continuous supply and services to the ELCOT/End User rests with us and we undertake to provide supply and services directly or through our alternative sales/service partners those who are already participated in this tender and Qualified including OEM.

We hereby agree and certify to abide by terms and conditions as mentioned above.

Signature of the Authorized Signatory

Name and Designation:

Place:

Date:

Company stamp:

Annexure – 4 Power of Attorney

Power of Attorney (PoA) by Authorized Signatory of Bidder authorizing a staff to sign and submit the Bid and execute the Contract (if selected as a successful bidder) on behalf of the Bidder

<To be on non-judicial stamp paper of Rupees One Hundred Only (INR 100/-)>

Know by all men by these presents, We.....
(Name of the Bidder and address of their registered office) do hereby constitute, appoint and authorize Mr. / Ms..... (name and residential address of Power of attorney holder) who is presently employed with us and holding the position of as our Attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to our Proposal for <Description of Tender> including signing and submission of bid, executing the contract (if selected as a Successful Bidder) and providing information / responses to ELCOT/ END USER, representing us in all matters before ELCOT/END USER in connection with our Proposal for the said Project.

We hereby agree to ratify all acts, deeds and things lawfully done by our said Attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid Attorney shall and shall always be deemed to have been done by us.

For _____

Name:

Designation:

Date:

Time:

Seal:

Business Address:

Accepted,

..... (Signature)

(Name, Title and Address of the Attorney)

Annexure – 5 Restrictions on Public Procurement - Instructions to bidders to be complied

Bidders are requested to comply with the below instructions without fail. 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. The Competent Authority for the purpose of registration under this tender shall be

a) The Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT). OR

b) The Registration Committee constituted by Government of Tamil Nadu consisting of the following members: -

1. Managing Director & Chief Executive Officer, Guidance (as Chairman)
2. Additional Chief Secretary to Government (Finance), or his representative
3. Principal Secretary to Government (Information Technology and Digital Services Department) or his representative
4. Principal Secretary to Government (Public Works Department) or his representative
5. Industries Commissioner and Director of Industries and Commerce.

Definitions:

i. "Bidder" for the purpose of the tender (including the term 'tenderer', 'consultant', 'vendor' or 'service provider' in certain contexts) means any persons or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.

ii. "Bidder from a country which shares a land border with India" for the purpose of this tender means

a. An entity incorporated, established or registered in such a country; or

- b. A subsidiary of an entity incorporated, established or registered in such a country; or
- c. An entity substantially controlled through entities incorporated, established or registered in such a country; or
- d. An entity whose beneficial owner is situated in such a country; or
- e. An Indian (or other) agent of such an entity; or
- f. A natural person who is a citizen of such a country; or
- g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above. However, there are no restrictions in case of procurement of goods or services from the bidder from those Countries (even if sharing a land border with India) to which the Government of India has extended lines of credit or in which the Government of India is engaged in development Projects.

iii. The “Beneficial owner” for the purpose of (ii) above will be as under:

(1) In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person(s), has a controlling ownership interest or who exercises control through other means.

Explanation –

a. “Controlling ownership interest” means ownership of, or entitlement to, more than twenty-five percent of shares or capital or profits of the company;

b. “Control” shall include the right to appoint majority of the directors or to control the management or policy decisions, including by virtue of their shareholding or management rights or shareholders agreements or voting agreements.

(2) In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;

(3) In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;

(4) Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;

(5) In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.

(6) An 'agent' for the purpose of this tender is a person employed to do any act for another, or to represent another in dealings with third person.

(7) The successful bidder shall not be allowed to sub-contract works to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority. The definition of a 'Contractor' from a Country which shares a land border with India' shall be as detailed in paragraph (ii) above.

Each Bidder shall have to submit the Undertaking as per Annexure 6. Where applicable, the bidder shall have to submit the Certificate of Registration from the Competent Authority.

Annexure - 6 Letter of Undertaking

(Undertaking shall be submitted on the Letter head of the BIDDER and shall be signed by the Authorised Signatory)

<Location, Date>

To
The Managing Director,
Electronics Corporation of Tamil Nadu Ltd,
9th Floor, Sigapi Aachi Building,
18/3, Rukmani Lakshmipathi Road, Egmore, Chennai – 600008.

Dear Sir,

Sub:	Tender for Supply, Installation, Commissioning and Maintenance of CCTV Systems for IGR 3.0 under Lease Cum Service model – Undertaking Letter – Regarding.
Ref:	1. E-ANGADI-ST-CT02-2026-0019-2

I/We, _____, having our registered office at _____, hereby declare that we have carefully read, fully understood, and examined the entire Tender Document including the Notice Inviting Tender (NIT), Instructions to Bidders, Terms and Conditions, Scope of Work, Technical Specifications, Technical Bid, and Price Bid, and we unconditionally agree to comply with and abide by the same.

I/We further undertake and declare as under:

A. Compliance with GFR Rule – Countries Sharing Land Border with India

I/We hereby certify that:

- a) I/We, and any Original Equipment Manufacturer (OEM) whose products are offered under this Tender, are not from any country sharing a land border with India, or, if from such a country, are duly registered with the Competent Authority as notified by the Government of India, in accordance with General Financial Rules (GFR), 2017, as amended from time to time.
- b) In the event of being declared a successful bidder, I/We shall not subcontract or engage any contractor, supplier, or service provider from a country sharing a land border with India, unless such contractor is duly registered with the Competent Authority, as defined in Annexure-5 of the Tender Document.
- c) I/We understand that any violation of this declaration shall result in rejection of our bid and/or termination of contract, in addition to other actions permissible under law.

B. Declaration Regarding Blacklisting / Debarment

I/We hereby solemnly declare and confirm that:

- a) Neither I/We nor any of our OEMs have been blacklisted, debarred, or declared ineligible for corrupt, fraudulent, or unethical practices by any State Government, Central Government, Public Sector Undertaking, Statutory Board, or Local Body during the last three (3) years preceding the date of submission of this bid.
- b) In the event of any information or declaration furnished herein being found to be false, misleading, or suppressed, ELCOT shall have the right to reject the bid or terminate the contract forthwith without any compensation, in addition to initiating appropriate legal or penal action.

C. Declaration of No Conflict of Interest

- a) I/We hereby declare that there exists no actual, potential, or perceived conflict of interest on our part arising out of any past, present, or proposed contracts, engagements, or affiliations with any Department, Agency, or Organization of the State Government.
- b) I/We undertake to immediately disclose any conflict of interest that may arise during the execution of the contract.
- c) I/We agree to indemnify and hold harmless ELCOT and/or the End User against all losses, damages, claims, costs, expenses, and liabilities (including reasonable legal and professional fees on a reimbursement basis) arising out of any such conflict of interest.

D. Local Office in Chennai

I/We hereby confirm that:

We have a functional local office in Chennai at the following address:

_____ /

OR

We undertake to establish a functional local office in Chennai within thirty (30) calendar days from the date of issue of Letter of Award (LoA).

I/We understand and agree that failure to comply with this requirement, or furnishing false or misleading information, shall entitle ELCOT to reject the bid or terminate the contract forthwith without notice or compensation.

E. Compliance with E-Waste (Management) Rules

I/We hereby undertake and confirm that:

- a) The OEM/Producer/Importer of the IT hardware offered under this Tender holds a valid Extended Producer Responsibility (EPR) Registration/Authorisation under the E-Waste (Management) Rules, 2016, as amended, and the E-Waste (Management) Rules, 2022.

- b) A copy of the valid EPR Registration issued by the Central Pollution Control Board (CPCB) or the competent authority has been enclosed.
- c) I/We undertake to ensure collection, take-back, and environmentally sound disposal of the supplied products within Tamil Nadu, in accordance with CPCB/TNPCB guidelines, and to extend full support to ELCOT and its clients at the end of product life.

F. General Compliance with Tender Conditions

I/We hereby declare and certify that:

- a) Our Company has not been blacklisted or debarred by any State Government, Central Government, or Public Sector Undertaking during the last three (3) years.
- b) Our Earnest Money Deposit (EMD) / Security Deposit (SD) has not been forfeited by any Government authority or PSU during the last three (3) years due to non-performance or non-compliance.
- c) All information, statements, and documents furnished by us in this Tender are true, correct, and complete to the best of our knowledge and belief.
- d) The Year of Manufacture of all products supplied under this Tender shall be 2025 or later, and no refurbished or reconditioned components shall be supplied.
- e) All operating systems and software licenses supplied under this contract shall be genuine, valid, and legally licensed.
- f) I/We shall be solely responsible and liable for any disputes arising out of Intellectual Property Rights (IPR) infringement.
- g) I/We confirm that we fulfil all eligibility criteria and requirements specified in this Tender and are eligible to be considered for award of contract.

G. Consequences of False Declaration

I/We understand and agree that in the event of violation of any of the above declarations or undertakings, ELCOT shall be entitled to take action under the Tamil Nadu Transparency in Tenders Act, 1998 and Rules made thereunder, including blacklisting/debarment for a period up to three (3) years, apart from termination of contract and other remedies available under law.

Signature of Authorised Signatory: _____

Name: _____

Designation: _____

Company Name: _____

Date: _____

Place: _____

Annexure – 7- Terms and conditions of Warranty

I/We hereby agree to the following terms and conditions governing the warranty of items supplied under this Tender:

1. Warranty Coverage

1.1 All items supplied under this Tender shall be covered by a comprehensive onsite warranty for a period of three (3) year.

1.2 The warranty shall cover:

- All hardware components and accessories supplied under the contract
- Labour and service charges
- Replacement of defective parts
- Firmware and BIOS updates
- Operating system and bundled software licences supplied as part of the contract

1.3 In the event that a defective spare part is not available or has been declared End-of-Life by the OEM, the Contractor shall replace the affected unit with an equivalent or higher configuration / next-generation model, subject to acceptance by ELCOT / End User, at no additional cost.

2. Commencement of Warranty

2.1 The warranty period shall commence from the date of successful installation and commissioning of the equipment at the respective location.

2.2 The date of commencement shall be evidenced by the Installation / Commissioning Report duly signed by the End User.

2.3 For equipment supplied to multiple locations under a single LoA, the warranty period shall be calculated location-wise, based on the date of installation at each location.

3. Rectification of Defects

3.1 The Contractor shall rectify or replace any defective equipment, component, or accessory during the warranty period within the stipulated service levels specified in the Tender / SLA.

3.2 Failure to restore the equipment within the stipulated period shall attract Liquidated Damages (LD) as specified in the Tender.

4. Add-On / Optional Items

4.1 Any add-on or optional items supplied under this Tender shall carry a warranty co-terminus with the main equipment warranty, unless otherwise specifically agreed in writing.

5. Recovery of Liquidated Damages

5.1 Liquidated Damages arising during the warranty period shall be recoverable from any amounts payable to the Contractor, including the Security Deposit, without prejudice to other remedies available to ELCOT.

Yours faithfully,

Signature of the Authorized Signatory

Name and Designation:

Place:

Date:

Company stamp:

Annexure – 8- Terms and conditions of CAMC

I/We hereby agree to the following terms and conditions governing the Comprehensive Annual Maintenance Contract (CAMC):

1.1 Upon completion of the onsite warranty period, the Contractor shall provide Onsite Comprehensive Annual Maintenance Contract (CAMC) for all IT hardware supplied under this Tender.

1.2 CAMC shall cover:

- Preventive and corrective maintenance
- Replacement of defective parts
- Labour and service charges

1.3 CAMC shall exclude:

- Consumables
- Physical or accidental damages
- Damages due to misuse, power fluctuations beyond permissible limits, or Force Majeure events
- Software licences, unless specifically included in the CAMC scope

2. Duration and Extension

2.1 The CAMC period shall commence immediately after the expiry of the warranty period.

2.2 The Contractor shall agree to extend CAMC services beyond the initial contract period, if requested by ELCOT / End User, on mutually agreed terms.

2.3 In case of extension of the contract, the CAMC rate of the immediately preceding year shall apply for the extended period, unless otherwise agreed in writing.

3. Payment Terms

3.1 CAMC charges shall be paid on a half-yearly basis, subject to satisfactory performance.

3.2 The Contractor shall submit:

- Half-yearly CAMC performance reports
- Reports duly certified by the respective End Users (with signature and seal)

3.3 Upon verification and acceptance of the reports, the Billing Authority shall issue a Half-Yearly Performance Certification, based on which CAMC payment shall be processed.

4. Liquidated Damages during CAMC

4.1 Failure to meet CAMC service levels shall attract Liquidated Damages (LD) as specified in the Tender.

4.2 LD during the CAMC period shall be deducted from CAMC payments or any other dues payable to the Contractor.

5. CAMC Price Matching

5.1 Technically qualified bidders shall be required to match the lowest CAMC rate (L1) discovered through the tender process, as per ELCOT procurement policy.

Yours faithfully,

Signature of the Authorized Signatory

Name and Designation:

Place:

Date:

Company stamp:

Annexure 9 Delivery Locations

Delivery Locations:

S. No.	Name of the Unit SRO/DIG/IG	District	Responsible Contact Person Name	Contact Person Mobile Number	Item	Qty
1.						
2.						
3.						
4.						

Annexure – 10 Site Readiness Certificate

**To be given by the Nodal Officer, District/Regional/Unit of
Government Department**

I, _____ the Nodal officer, Registration Department, hereby certify that the site for installation of the equipment in the “Tender for Supply, Installation, Commissioning and Maintenance of CCTV Systems for IGR 3.0 project under Lease cum Service model for a period of 5 years” is available and fully ready.

Installation Address:

Contact No.

Signature:

Date:

Name:

Seal:

To:

Nodal Officer,

Government Department,

Chennai

Copy: Authorised Vendor

Annexure – 11 - Format for Prebid Queries

(to be sent in a MS Excel sheet through email only –
tenders@elcotangadi.in)

(Email Subject: Prebid Query - E-ANGADI-ST-CT02-2026-0019-2)

Name of the Company						
GSTN						
Name and designation of the Authorized Person						
Mobile No.						
E Mail id						
S. No.	Chapter	Page No.	Clause No.	Existing Clause	Query/ amendment requested	Reasons for Query/ amendment requested

Yours faithfully,

Signature of the Authorized Signatory

Name and Designation:

Place:

Date:

Company stamp:

Annexure-12 Technical Bid

A 12.1 Check-list for Enclosures

Documents to be submitted	Fill (YES or NO)
Filled Tender Technical Bid Form and Price Bid Form	
Payment of EMD amount	
Two Part Bid submission	
Hardware Compliance Sheet (A 12.3)	
Bidder Technical Compliance Sheet (A 12.4)	
Price Bid Submission Form (A 13)	

Eligibility Criteria		File Name of the Attached Document Proof and Page No.
1	Certificate of Incorporation of bidder	
2	GST registration to be submitted by the Bidder	
3	PAN Card to be submitted by the Bidder	
4	Letter Of Authorization/Power of attorney for the authorized person to sign the bid documents	
5	OEM Authorization Form (MAF) for the quoted products (Or) OEM Authorized Reseller/Partner Agreement	
6	Sales Turn Over: Copies of the Audited Annual Reports certified by a Chartered Accountant containing the Balance sheets, Profit and Loss account of any three of the five financial years shall have to be submitted.	

	2020 – 21	
	2021 – 22	
	2022 – 23	
	2023 – 24	
	2024- 25	
7	Copy of Completion / Performance Certificate and Copy of LoA for Past Experience	
8	Accreditations: Copy of valid ISO certifications ISO 9001:2015 and 27001:2015 or latest certificate of OEM shall be submitted	
9	Bidder and OEM Website: The URL and Copy of Home Page Print out of the Bidder & OEM (for each of the quoted products)	
10	Letter of Undertaking for participating in ELCOT's Procurement Tender (Annexure 6)	
11	Service center: Proof for the availability of atleast one functional Service centre in Chennai, West, Central, South parts of Tamil Nadu (Or) OEM Authorization.	
12	Compliance to Warranty and CAMC Terms (Annexure 7 and 8)	
13	BIS Certificates	

A 12.2 Profile of the Bidder

Name of the Company	
Year of incorporation	
Nature of the Company	
Registered office (In India) or the office covering the Business	

transaction in India	
Office Telephone Number	
Contact Person	
Name	
Personal Telephone Number	
Email Address	
Local presence at Tamil Nadu	
Office Telephone Number	
Contact Person	
Name	
Personal Telephone Number	
Email Address	
Registration Details	
Permanent Account Number	
GST Registration Number	
Banker's Name, Address and Account Number	

A 12.3 Hardware Compliance

- a) The Bidder shall submit the details of the make and model of the item offered against the tender requirement.
- b) Brochure for the quoted products to be submitted along with File Name of the Attached Document Proof and Page No
- c) Print of the screenshot of the Brochure in the website and URL of the same to be submitted along with File Name of the Attached Document Proof and Page No

S.No.	Item Code	Item Description	Make & Model	Year Of Manufacturing

A 12.4 Technical Compliance by Bidder

Bidders shall separately submit Compliance to the Technical specifications in the following format for all the quoted items in the price bid. Bidder shall submit the compliance as Annexure A 12.4 in the letter head signed and stamped in each page. Bidder shall submit the Make and Model for each of Hardware separately.

Item Code:

Item Description:

Make and Model:

Year of Manufacture:

S. No.	Parameter	Specifications	As per Brochure	Bidder offer	Compliance (Yes/No)

Yours faithfully,

Signature of the Authorized Signatory

Name and Designation:

Place:

Date:

Company stamp:

Annexure – 13 PRICE BID

(To be printed in the official letter head of the company, signed by
Authorised Signatory and uploaded along with the bid document)

To
The Managing Director,
Electronics Corporation of Tamil Nadu Ltd,
Chennai

Sir,

Sub	ELCOT – Procurement – Tender No. E-ANGADI-ST-CT02-2026-0019-2 - Tender for Supply, Installation, Commissioning and Maintenance of CCTV Systems for IGR 3.0 project under Lease cum Service model for a period of 5 years - Submission of price bid – Reg
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I/we hereby submit that the price bid after fully agreeing to all the terms and conditions of the tender.

Optional Undertaking	Yes/ No
<p>I/we understand that this is a special tender cum rate contract enrollment tender. Hence, the products quoted here may also be enrolled as a product in ELCOT rate contract, at the discretion of ELCOT and at the same base price quoted in this tender. I/we understand that the products shall be available for rate contract supply atleast for one-year period for the quantities that may be ordered under rate contract during that period.</p> <p>The quantities to be supplied under the special tender shall be in accordance with the provisions of TNITT Act and Rules. The quantities to be procured under Special Tender and RC Tender are independent of each other.</p>	

**(The following portion of price bid in the next page shall be filled
only in online Excel sheet of e-Tender website)**

(Price to be submitted in online portal only in the format below)

Item Code	Item Description	Quantity	Unit cost inclusive of all costs/ duties/ levies/ taxes including 5 Year warranty but excluding CAMC & GST	GST (18% on the unit cost - D)	Unit cost inclusive of GST (D+E)	Total cost (F * C)
A	B	C	D	E	F	G
ST-CT02-2026-0019-001	CCTV camera 2 MP with 512 GB SD card with voice recording	1770				
ST-CT02-2026-0019-002	8 Channel NVR	590				
ST-CT02-2026-0019-003	20 TB (10*2) Hard disk	590				
ST-CT02-2026-0019-	8 Port Gigabit layer 2 POE Switch	590				

004						
ST-CT02-2026-0019-005	CAT 6 Network Cable (For connecting Three IP Cameras, NVR and Desktop Computer) (Unit cost in mtr to be quoted)	106200				
ST-CT02-2026-0019-006	Desktop Computer for SRO office	590				
ST-CT02-2026-0019-007	Monitor 27" For SR View with 15 mtrs HDMI Cable	590				
ST-CT02-2026-0019-008	1 KVA UPS with 120 min backup with MCB	601				
ST-CT02-2026-0019-009	Earthing systems in all SRO	601				
ST-CT02-2026-0019-010	Labor charges for LAN cabling and related services including IP configuration. 1" PVC pipe with fixtures (CAT 6)	106200				
ST-CT02-2026-	UPS output wiring from 1 KVA	35400				

0019-011	on-Line UPS to Desktop and 6U Rack (3C*2.5Sq.mm)					
ST-CT02-2026-0019-012	Labor charges for UPS wiring and related services, 1" PVC pipe with fixtures	35400				
ST-CT02-2026-0019-013	2*5 A Switch and Socket, 1*15 A SS Combined	590				
ST-CT02-2026-0019-014	Active LED Videowall With Controller	1				
ST-CT02-2026-0019-015	Display Monitor 55 inch	11				
ST-CT02-2026-0019-016	24 port L3 Ethernet switch with 4 SFP+ Port	13				
ST-CT02-2026-0019-017	Workstation for DIG & IG office for VMS Client & Workstation for Time and Attendance Database and Application Hosting	15				

ST-CT02-2026-0019-018	42 U Server Rack Customisable - IG Office	2				
ST-CT02-2026-0019-019	24 U Server Rack - DIG Office to place AI servers	11				
ST-CT02-2026-0019-020A	Centrally managed cloud platform required for WhatsApp integration - Secured storage, Video dissemination. Cost for software support, Enhancement	1				
ST-CT02-2026-0019-020B	Server for Video Management Platform (3 Nos) - 3 numbers of Physical server or equivalent Solution to offer useable resources of 48 cores/ 512 GB/ 12 TB of Storage post 1 node failure	1				
ST-CT02-2026-	Management Portal to store and	1				

0019-020C	send registration videos					
ST-CT02-2026-0019-021	Time and Attendance management software as per technical requirements	1				
ST-CT02-2026-0019-022	Finger Print Scanner with Software Kit	602				
ST-CT02-2026-0019-023	Server for the Video Management Software- IGR HO (Management)	2				
ST-CT02-2026-0019-024	Server for the Video Management Software- IGR HO (Streaming)	9				
ST-CT02-2026-0019-025	Server for AI Functions (11 + 1)	12				
ST-CT02-2026-0019-026	AI Functions VMS Licenses for 600 Cameras - SR Camera1	1				
ST-CT02-2026-	VMS Licenses for 3000 cameras	1				

0019-027	with Client login					
ST-CT02-2026-0019-028	Alternate Gateway for TNeGA WhatsApp gateway	1				
ST-CT02-2026-0019-029	Manpower-1 IPC Operator/DEO-year1 (Unit cost per resource per year to be quoted)	590				
ST-CT02-2026-0019-030	Manpower-1 IPC Operator/DEO-year2 (Unit cost per resource per year to be quoted)	590				
ST-CT02-2026-0019-031	Manpower-1 IPC Operator/DEO-year3 (Unit cost per resource per year to be quoted)	590				
ST-CT02-2026-0019-032	Manpower-1 IPC Operator/DEO-year4 (Unit cost per resource per year to be quoted)	590				
ST-CT02-2026-	Manpower-1 IPC Operator/DEO-	590				

0019-033	year5 (Unit cost per resource per year to be quoted)					
S T-CT02-2026-0019-034	Manpower 2-Team Leader - Year1(Unit cost per resource per year to be quoted)	13				
ST-CT02-2026-0019-035	Manpower 2-Team Leader - Year2 (Unit cost per resource per year to be quoted)	13				
ST-CT02-2026-0019-036	Manpower 2-Team Leader - Year3 (Unit cost per resource per year to be quoted)	13				
ST-CT02-2026-0019-037	Manpower 2-Team Leader - Year4 (Unit cost per resource per year to be quoted)	13				
ST-CT02-2026-0019-038	Manpower 2-Team Leader - Year5 (Unit cost	13				

	per resource per year to be quoted)					
ST-CT02-2026-0019-039	Manpower 3- L2 Engineer -Year1 (Unit cost per resource per year to be quoted)	2				
ST-CT02-2026-0019-040	Manpower 3- L2 Engineer -Year2 (Unit cost per resource per year to be quoted)	2				
ST-CT02-2026-0019-041	Manpower 3- L2 Engineer -Year3 (Unit cost per resource per year to be quoted)	2				
ST-CT02-2026-0019-042	Manpower 3- L2 Engineer -Year4 (Unit cost per resource per year to be quoted)	2				
ST-CT02-2026-0019-043	Manpower 3- L2 Engineer -Year5 (Unit cost per resource per year to be quoted)	2				
ST-CT02-2026-0019-044	Setting up necessary infrastructure in	1				

	IGR office for running all server services such as UPS, Genset, AC, Rack, Network cables, SAN switch, Router, Static ips, Fire wall, Plug points, I/O ports and other required accessories - Qty - as required to meet the SLA					
ST-CT02-2026-0019-045	Aggregation bandwidth with back up connectivity for 5 years	1				
ST-CT02-2026-0019-046	Comprehensive AMC of existing 1150 IP Camera in record room (s) of SRO (Unit cost for 5 years per camera to be quoted)	1150				
ST-CT02-2026-0019-047	Integration of 1150 with new system	1				
ST-CT02-	Shifting Cost for	1				

2026-0019-048	IP Camera and other related infrastructure from SRO office to another.					
ST-CT02-2026-0019-049	Cost for IP camera installation setup in new Office – for New office 5 No IP camera, 2 No NVR, 2 no 8 PoE Port Switch, 20 TB HDD, Computer, Monitor, UPS Installations Commissions as per Technical specifications each items in Above	1				
Total cost (Rs.)						

Note:-

- The Bidder shall submit the offer by filling up all the columns against each item.
- Partial quote is not allowed.
- The bidder who becomes Overall L1 of all the items will be declared as L1 bidder. The L1 bidder shall match L1 prices of all other items where they have not become L1.

d) The Prices quoted for each item should be inclusive of Supply, Installation and Commissioning charges.

**(Upto this part of price bid shall be filled in online portal only.
Not to be filled in the scanned document)**

Authorized signatory

Name:

Designation

Date:

Stamp:



**ELECTRONICS CORPORATION OF TAMIL NADU LIMITED –
ANGADI DIVISION**

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