

# Tamilnadu Co-operative Milk Producers' Federation Ltd.,



(E-Tender through eProcurement Portal at <https://tntenders.gov.in>)

E-Tender Document for

**“Supply, installation, testing, and commissioning of IP network-based CCTV surveillance cameras for Aavin Hi-tech parlours, including an integrated CCTV control room, with two-year warranty period and three-year comprehensive annual maintenance contract.”**

Tender Reference No: [1389/CCTV/AGME/PM/Mkg/2024](#)

**THE MANAGING DIRECTOR,  
TAMILNADU COOPERATIVE MILK PRODUCERS' FEDERATION LIMITED**  
No.3A, Aavin Illam,  
PasumponMuthuramalingamSalai,  
Nandanam, Chennai – 600 035.  
Phone : 044-23464500/01/02/03/04/05.  
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E-Mail: [aavinmarketing@gmail.com](mailto:aavinmarketing@gmail.com)

Website for online bid submission  
<https://tntenders.gov.in>

## TENDER INFORMATION

1. Name and address of the Purchaser	<b>THE MANAGING DIRECTOR, TAMILNADU COOPERATIVE MILK PRODUCERS' FEDERATION LIMITED</b> No.3A, Aavin Illam, 3rd Floor, PasumponMuthuramalingamSalai, Nandanam, Chennai – 600 035. Phone : 044-23464500/01/02/03/04/05 E-Mail: aavinmarketing@gmail.com
2. Name and address of the User	The General Manager, TCMPF Ltd
3. Name of the Item / Work	Supply, installation, testing, and commissioning of IP network-based CCTV surveillance cameras for Aavin Hi-tech parlours, including an integrated CCTV control room”
4. Method of Tender	e-Tender System (Online Technical Bid and Financial Bid) through eProcurement Portal <a href="https://tntenders.gov.in">https://tntenders.gov.in</a>
5. Tender Reference Number	<b>1389/CCTV/AGME/PM/Mkg/2024</b>
6. Tender Estimated Value	Rs.41.39 Lakhs
7. Earnest Money Deposit (EMD)	Rs.41,000.00
8. URL for online bid submission for e-tender	<a href="https://tntenders.gov.in">https://tntenders.gov.in</a>
9. Cost of Tender Document	Tender documents can be downloaded at free of cost from the website <a href="https://tntenders.gov.in">https://tntenders.gov.in</a>
10. Tender Document Availability on the Portal	From:04.12.2024 to 07.01.2025 upto 2.30 PM
11. Date of Pre-Bid meeting	Date: 18.12.2024 Time: 11.00 AM
12. Date of Closing of e-Submission of Technical Bid and Financial Bid.	Date: 07.01.2025 Time: 2.30 PM
13. Date and time of opening of Part I Technical Bid of e-Tender	Date: 08.01.2025 Time: 3.00 PM
14. Date and time of opening of Part II Financial Bid	The date of opening of Financial Bid will be informed to the eligible bidders through Online Portal and registered e-mail.
15. Place of Pre- Bid meeting & Part I Technical Bid and Part II Financial Bid opening	<b>THE GENERAL MANAGER (Mkg.), TAMILNADU COOPERATIVE MILK PRODUCERS' FEDERATION LIMITED</b> No.3A, Aavin Illam, 3rd Floor, Pasumpon MuthuramalingamSalai, Nandanam, Chennai – 600 035. Phone : 044-23464500/01/02/03/04/05.
16. Special Instructions to the	<a href="https://tntenders.gov.in/nicgep/app?page=HelpFor">https://tntenders.gov.in/nicgep/app?page=HelpFor</a>

Contractors / Bidders for the e-submission of the bids online through this eProcurement Portal. The link for which is	<b><u>Contractors&amp;service=page</u></b>
17. Bidders Manual Kit. The link for which is	<b><u>https://tntenders.gov.in/nicgep/app?page=BiddersManualKit&amp;service=page</u></b>

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## ACRONYMS USED IN THE TENDER DOCUMENT

TCMPF	TAMILNADU COOPERATIVE MILK PRODUCERS' FEDERATION LIMITED
DCMPU	DISTRICT COOPERATIVE MILK PRODUCERS' UNION LIMITED
MSME	MICRO, SMALL, MEDIUM & ENTERPRISES
SSI	SMALL SCALE INDUSTRIES
BIS	BUREAU OF INDIAN STANDARDS
DD	DEMAND DRAFT
EMD	EARNEST MONEY DEPOSIT
SD	SECURITY DEPOSIT
LD	LIQUIDATED DAMAGES
BG	BANK GUARANTEE
LOA	LETTER OF ACCEPTANCE
GST	GOODS AND SERVICE TAX
F.O.R.	FREIGHT ON ROAD

## **TECHNICAL BID**

### **1.0).PREAMBLE OF E-TENDER:-**

1.1).The Managing Director, TCMPF Ltd. invites Bids by way of E-Submission only from reputed manufacturers / supplier to submit e-Tender for “**Supply, installation, testing, and commissioning of IP network-based CCTV surveillance cameras for Aavin Hi-tech parlours, including an integrated CCTV control room.**”

1.2).Applicability of Tamil Nadu Transparency in Tenders Act, 1998:-

This Tender will be governed by the Tamil Nadu Transparency in Tenders Act, 1998 and The Tamil Nadu Transparency in Tenders Rules, 2000 and subsequent amendments thereof are applicable.

### **2.0).INSTRUCTION TO BIDDERS:-**

2.1). The tenders are in Two Part System (a) Technical Bid without Financial Bid and (b) Financial Bid. All the Bidders are requested to examine the instructions, terms & conditions and specifications laid down in the Tender. Failure to furnish all required information in every aspect will be at their risk and may result in the rejection of their bid.

**2.2).THE BIDDERS WHO DO NOT FULFIL THE "PRE-QUALIFICATION CRITERIA"AS PER CLAUSE 5.0 NEED NOT PARTICIPATE IN THE TENDER. OFFERS NOT SATISFYING THIS "PRE-QUALIFICATION CRITERIA" WILL NOT BE CONSIDERED AND WILL BE SUMMARILY REJECTED.**

### **3.0). MODE OF SUBMISSION:**

3.1).All the documents are to be uploaded in the Online Portal only. Website <https://tntenders.gov.in>.

3.1.1). Part A – Technical Bid

3.1.2). Part B – Financial Bid

### **4.0). LANGUAGE OF THE E-TENDER:-**

All information in the tender offer shall be in ENGLISH only. It shall not contain interlineations, erasures or overwriting except as necessary to correct errors made by the bidder.

## **5.0. PRE QUALIFICATION CRITERIA – TECHNICAL BID (PART-I):-**

The Bidder should meet the following Pre-Qualification Criteria for bidding this tender and the proof for the Eligibility should be provided in the Technical Bid.

<b>Pre-Qualification Criteria</b>	<b>Proof to be submitted for fulfilling the Pre-Qualification Criteria</b>
5.1).The bidder should be a manufacturer or an authorized dealer of a manufacturer of <b>IP network-based CCTV surveillance cameras</b>	1).The bidder, being a manufacturer of the <b>IP network-based CCTV surveillance cameras</b> , should furnish necessary documents evidence namely NSIC Certificate / ISO certificate/ License as proof of manufacture shall be uploaded. 2).If the bidder is an authorized dealer of an original manufacturer of <b>IP network-based CCTV surveillance cameras</b> , the valid dealership certificate issued by the manufacturer (as per authorization form in Annexure VII) AND their manufacturer's NSIC Certificate / ISO Certificate / License, shall be enclosed. 3).If the bidder is an authorized dealer for the <b>IP network-based CCTV surveillance cameras</b> , the previous experience and performance as per tender clause 5.2 & 5.3 of the original manufacturer in supplying these items/works will be considered for evaluating technical bids, even if the supply was made directly by the manufacturer or through other agencies.
5.2).The bidder should have previous experience having supplied and commissioned of <b>IP network-based CCTV surveillance cameras - 1 Jobs</b> , to other Govt. / Quasi Govt. / Private organizations in India during the last 5 years.	Copy of purchase orders / supply orders for mentioned quantity within a period of last 5 years from the date of tender opening should be furnished.
5.3).The satisfactory performance certificate for above such supply for	Copy of satisfactory supply completion certificate / performance certificate dated within



Pre-Qualification Criteria	Proof to be submitted for fulfilling the Pre-Qualification Criteria
<p>which purchase orders / supply orders furnished as per 5.2 from the purchaser / end user shall be furnished. The performance certificate should be of within a period of 3 years.</p>	<p>the period of last 3 years from the date of tender opening should be furnished. This performance certificate should have been issued by the purchaser /end-user organization and should contain the P.O. details, date of supply, date of commissioning and date of issue of certificate, in order to ascertain period of satisfactory performance.</p>
<p>5.4).The bidder should have a minimum of 5 years of experience in regularly manufacturing / supplying, erection and commissioning of the <b>IP network-based CCTV surveillance cameras</b> before the bid opening date</p>	<p>Copies of relevant contracts / orders to be submitted along with bid in support of having supplied some quantity during the last 5 years from the date of tender opening. The purchase orders / supply orders should be in the name of bidder.</p>
<p>5.5).FINANCIAL TURNOVER:            5.5.1).The bidder shall have average annual sales turn-over for the last three financial years (2020-21, 2021-22 &amp; 2022-23) equal to the tender estimated value            5.5.2).The bidder shall have minimum annual sales turn-over in each of the last three financial years (2020-21, 2021-22 &amp; 2022-23) shall not be less than 50% of the tender estimated value</p>	<p>The bidder shall furnish either the Annual Turn Over Certificate for above 3 years certified by Chartered Accountant or Annual statement of Accounts (i.e.) Profit &amp; Loss Accounts and Balance Sheet for the above 3 years certified by Chartered Accountant in support of Annual Turn Over</p>

Note:

**For evaluation and comparison of bids, the purchaser may, at its discretion, ask the bidder for clarification on the bid. The shortfall information/documents shall be sought only in case of historical documents which pre-existed at the time of tender opening and which have not under gone change since then.**

**So far as the submission of the documents is concerned with regard to qualification criteria, after submission of the tender, only related shortfall documents shall be asked for and considered. For example, if the bidder has submitted a supply order without its completion/ performance certificate, the**

certificate can be asked for and considered. However, no new supply order shall be asked for and considered so as to qualify the bidder.

#### **6.0) SCOPE OF WORK**

Design, Supply, Erection, Installation, Testing and Commissioning of “IP network-based CCTV surveillance cameras” on F.O.R. destination basis conforming to the technical specifications mentioned in the tender document.

#### **7.0). DELIVERY SCHEDULE:-**

- 7.1). Supply : 2 months from the date of receipt of purchase order (or) 1 month from the readiness of site whichever is later
- 7.2).Erection, Installation, Testing and Commissioning : 1 months from the readiness of site (or) receipt of Materials at site whichever is later

#### **8.0). TOTAL QUANTITY TO BE SUPPLIED**

##### **8.1). Details of quantity of following equipment's to be supplied is as follows**

Sl. No.	Name of equipment	Qty.
1	Design, Supply, Installation, Testing and Commissioning of “IP network-based CCTV surveillance cameras”	1 Job.

8.1).The quantities mentioned in the tender document are approximate. The tender accepting authority shall be permitted to vary the quantities finally ordered and execute the work through the contractor to the extent of 25% (Twenty five percent) either way of the requirements as per Rule 14(9) of Tamil Nadu Transparency in Tenders Rules, 2000

8.2).The Bidder should ensure that the quantity of supply of tendered items / works should be as per the delivery schedule given by the Unit. However, TCMPPF reserves the right to modify the quantity ordered depending upon the requirement.

#### **9.0).EARNEST MONEY DEPOSIT**

9.1).Bidder should pay the specified amount towards Earnest Money Deposit as follows:

Sl. No.	Name of equipment	Qty.	EMD amount
1	Design, Supply, Installation, Testing and Commissioning of "IP network-based CCTV surveillance cameras	1 Job.	<b>Rs.41,000.00</b>

9.2).Online payment gateway has been enabled for Tamilnadu Cooperative Milk Producers' Federation Limited, Chennai in eProcurement Portal <https://tntenders.gov.in>. The EMD amount should be paid only through online payment mode in e-tender portal of <https://tntenders.gov.in>.

9.3). The EMD will not carry any interest.

9.4). Bidder has to select the payment option as "pay online" to pay the EMD amount. Only after payment of EMD, bidder will be able to encrypt/upload their bids. In order to avoid any issues and last minute delay in processing of payment online, it is recommended to make payment and submit the bid as early as possible. TCMPF will not be responsible for any sort of difficulty faced/failure in submission of bids online by the bidder

9.5). Any other mode of payment of EMD shall not be accepted

**9.6). Refund of EMD of unsuccessful bidders:**

The EMD paid by the bidder will automatically be deposited in the "Pooling Account" of the State Govt. only and not in TCMPF's account. Hence refund process will be initiated automatically, once the bid is rejected by TCMPF during technical / financial evaluation and TCMPF is no way responsible for refund of EMD of the unsuccessful bidders.

**9.7).Tenders not accompanied with Online Payment towards the prescribed EMD thereon shall be summarily rejected**

**10.0). COST OF BIDDING**

The bidder shall bear all costs associated with the preparation and submission of its tender and TCMPF will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the tendering process.

**11.0). SUBMISSION OF e-TENDER**

**Two-part (Technical and Financial Bid) online system should be uploaded in eProcurement Portal (<https://tntenders.gov.in>):**

**11.1). General Instructions for Two Part E-Tender:**

- 11.1.1). The tender invited under two stage tender system viz. (PART A) Technical Bid and (PART B) Financial Bid. The first stage enables TCMPF to know whether the Bidder is technically competent and capable of executing the order. Only those who qualify in the first stage would be eligible to take part in the second stage viz. Financial Bid. The Financial Bid of Bidders who failed in the first stage will not be opened.
- 11.1.2). Both the Technical and Financial Bids should be submitted in TN eProcurement Portal <https://tntenders.gov.in>.
- 11.1.3). Documents listed in the Tender Clause No.11.2 shall be uploaded..
- 11.1.4). In Financial Bid – The firm rates alone are to be quoted in the Financial Bid - BOQ (Excel Format) and to be uploaded online.

## **11.2) Details to be Uploaded in the Technical Bid:**

- 11.2.1). Details of E-Remittance towards EMD Amount.
- 11.2.2). If the bidder is claiming EMD exemption, a copy of valid document proof of EMD exemption to be uploaded in accordance with **Tender Clause No.9.8.**
- 11.2.3).Documentary evidence for manufacturer / authorized dealer as per **Tender Clause No.5.1.**
- 11.2.4).Copies of purchase orders / supply orders as per **Tender Clause No. 5.2.**
- 11.2.5).Copies of Satisfactory supply Completion Certificate / Performance Certificate as per **Tender Clause No.5.3.**
- 11.2.6).Documentary evidence for minimum experience of 5 Years as per **Tender Clause No.5.4.**
- 11.2.7).Documentary evidence for average annual sales turn-over as per **Tender Clause No.5.5.**
- 11.2.8).All the documents should be duly signed and stamped with the company seal.
- 11.2.9).The following Supporting Documents, including the Annexures / Amendments are to be uploaded duly signed and sealed in each and every page
  - 11.2.9.1).Profile of the Bidding Organisation as per Annexure-I.
  - 11.2.9.2).Financial Capability as per Annexure-II
  - 11.2.9.3).Declaration Form as per Annexure-III
  - 11.2.9.4).Certificate of Conformity as per Annexure-IV
  - 11.2.9.5).Bidder's Experience Details as per Annexure-V
  - 11.2.9.6).Details of Abandonment of work Litigation / debarring done as per Annexure – VI
  - 11.2.9.7).Manufacturer Authorization Form as per Annexure - VII
  - 11.2.9.8).Any other documents wherever insisted in the tender document.

## **11.3). Details to be Uploaded in Financial Bid:**

- 11.3.1).All rates shall be quoted in the format provided and no other format is acceptable. If the Financial Bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the unprotected cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.

11.3.2).This financial bid will be opened only if the bidder is qualified to execute the tender as per technical bid.

11.3.3). Detailed Price Breakup for BOQ (PDF Format) is uploaded

**12.0). SIGNING OF BIDS:**

12.1).The signatory of the tender should indicate his/their designation in which he/they have signed and submit necessary documentary proof admissible in law in respect of such authority assigned to him/them by the firm.

12.2).If the Qualification application is made by a FIRM in partnership, it shall be signed by all the partners of the firm with their full names and current address or by a partner authorized by the firm (either as per Articles of the Deed of Partnership / by power of attorney)- for signing in Tenders, Agreements etc. In which case, certified copy of the registered deed of Partnership along with the current address of all the partners and a certified photocopy of the Registered Power of Attorney issued in favour of the Signatory, should be produced.

12.3).If the Qualification Application is made by a Limited Company or a Limited Corporation, it shall be signed by a duly authorized person holding the Power of attorney for signing the application, in which case, the certified copy of the power of attorney shall accompany the qualification application. Such limited company or corporation shall also furnish satisfactory evidence of its' existence along with the Qualification schedule

**13.0). MODIFICATIONS / CLARIFICATIONS TO TENDER DOCUMENTS:**

13.1). At any time after the issue of the tender documents and before the opening of the tender, TCMPF may make any changes, modifications or amendments to the tender documents and the same will be intimated to the concerned vendors through corrigendum which can be downloaded from the vendor login.

13.2).If any bidder requests clarification on the tender documents within 48 hours before the tender opening, the General Manager (Marketing), Corporate Office, TCMPF, will provide the necessary clarification.

13.3).The responses to the clarification will also be notified on <https://tntenders.gov.in> without indicating the source of query

13.4).TCMPF at its discretion may or may not extend the due date and time for the submission of bids on account of amendments.

13.5).All the Bidders must periodically browse website <https://tntenders.gov.in> till the closing date of this Tender for any amendments or corrigendum issued in connection with this Tender. TCMPF will not be responsible for any

misinterpretation of the provisions of this tender document on account of the Bidders failure to update the bid documents based on changes announced through the website.

#### **14.0). WITHDRAWAL OF BIDS**

14.1). No Bidder shall be allowed to withdraw the tenders after submitting the tender on the portal. If do so their EMD will be forfeited.

#### **15.0). OPENING OF e-TENDER**

##### **15.1). Opening of Technical Bids without Price (Part-I):**

15.1.1).The Tender offers except Financial Bid will be opened electronically on the date and time notified at the Office of the General Manager (Mkg.), TCMPF Ltd., No.3A, Aavin Illam, 3rd Floor, Pasumpon Muthuramalingam Salai, Nandanam, Chennai – 600 035, through eProcurement Portal <https://tntenders.gov.in> in the presence of bidder's authorized representative who may wish to be present on the date of opening

15.1.2).Technical Bid would be opened first on the due date and time. Pre-Qualification Criteria such as payment of EMD and compliance with pre-qualification conditions will be checked. The supporting documents would be cross checked wherever required.

15.1.3). Only the Technical Bid will be opened on the due date.

15.1.4).In the event of the specified date for tender opening day is declared as a holiday, bids will be opened on the next working day at the same time and venue.

##### **15.2) Opening of the Financial Bids: (Part - II)**

The date and time of opening of Financial Bids shall be later notified through the registered e-mail to the Bidders who fulfill the Pre-Qualification criteria and whose bids are found to be technically acceptable

#### **16.0). e-TENDER EVALUATION CRITERIA**

The tenders will be evaluated strictly as per the Tamilnadu Transparency in Tenders Act 1998 and the Tamilnadu Transparency in Tenders Rules 2000 and amendments made thereon in the Act & Rules by the Government.

### **16.1).Technical Bid Evaluation:**

Bidders will be eligible for further processing, only if they fulfil the following criteria:

- 16.1.1). Payment of EMD or submission of valid Exemption Certificate in accordance with Tender Clause No.9.0.
- 16.1.2).Furnishing the tender document, Annexures, Amendments if any other document wherever insisted in the tender document duly signed.
- 16.1.3). Compliance with the Pre-Qualification Criteria indicated in Tender Clause no 5.0
- 16.1.4). Compliance with Technical specifications of tendered items / works as per tender Clause 36.00.
- 16.1.5).If any clarification is needed from the bidder about the deficiency in his uploaded documents in technical bid he will be asked to provide it through Tamil Nadu Tender portal. The bidder shall upload the requisite clarification/ documents within the time specified failing which tender will be liable for rejection
- 16.1.6).TCMPF will prepare a list of Bidders based on the compliance of detailed Technical Specifications for tendered item and company profile as given in Tender form. The Tenders, which do not conform to the Technical Specifications or Tender conditions or Tenders from Companies without adequate capabilities for supply shall be rejected. The eligible bidders alone will be considered for further evaluation.
- 16.1.7).The veracity of the bidder-uploaded documents will be verified wherever required.

### **16.2).Financial Bid Evaluation**

- 16.2.1).For the purpose of evaluation of tender offers, the following factors will be taken into account for arriving the evaluation price.
- 16.2.2).The evaluation of offer will be computed by taking into account Supply, Erection, and Commissioning and Comprehensive AMC contract put together.
- 16.2.3).The evaluation for L1 shall be on total end price of all items.
- 16.2.4). L1 will be consider as per the rate quoted in the Colum D of financial bid.

### **17.0).REJECTION OF TENDERS**

#### **17.1). Tender will be SUMMARILY rejected if**

- 17.1.1). The EMD requirements are not complied with as specified in Tender Clause 9.0.
- 17.1.2). Bid Pre-Qualification Criteria as specified in Tender Clause 5.0 are not complied with.



17.1.3). If the documents furnished with the offer is found to be bogus or the documents contains any false particulars.

**17.2). Tender is LIABLE to be rejected, if it is:**

17.2.1).Not covering the entire scope of supply, erection and commissioning of equipment / materials with all accessories.

17.2.3).Not in conformity with TCMPF's tender terms and Technical Specifications.

17.2.4). Not properly signed by the bidder.

17.2.6).From any black listed Firm or Contractor.

17.2.7). Received by Telex / Telegram / E-Mail /fax.

17.2.8). Not containing all required particulars as per Annexures I to VII.

17.2.9). Offer submitted without GSTIN and PAN is liable for rejection.

**18.0). NEGOTIATION**

TCMPF reserves the right to negotiate with the Bidder whose offer is the lowest evaluated price for further reduction of price. TCMPF also reserves the right to negotiate with other Bidders to match the negotiated L1 price, strictly according to the Tamil Nadu Transparency in Tenders Rules, 2000.

**19.0). VALIDITY OF PRICE TENDER:**

19.1).The rate quoted should be valid for a minimum period for 120 days for acceptance from the due date. The offers with lower validity period are liable for rejection. During the validity period, no bidder is permitted to make any upward revision in the rate. Further no bidder is permitted to withdraw their offer within the validity period of the tender or before finalisation of Tender.

19.2).In exceptional circumstances, TCMPF may solicit the bidder's consent for an extension of the period of validity totally not exceeding 180 days. The request and the responses thereto shall be made in writing.

**20.0)DEVIATIONS :**

20.1).The offers of the Bidders with Deviations in Commercial terms and Technical Terms of the Tender Document are liable for rejection.

20.2).No alternate offer will be accepted.

20.3).No deviation will be allowed from the tender terms and conditions. Tenders with deviation will be summarily rejected. The Bidder has to submit a Certificate that the tender is in complete conformity with the tender terms and conditions as per format vide Annexure-IV

## **21.0). SECURITY DEPOSIT**

21.1).The successful bidders would be required to sign an agreement and furnish a Security Deposit of **5% of the order value**, drawn by means of Demand Draft or it shall be submitted by means of Bank Guarantee for the period of **up to 5 Years** and extendable as and when required from any Indian Nationalised Bank or Scheduled Bank drawn in favour of “Managing Director, TCMPF Ltd” payable at Chennai within 15 days from the date of acceptance of the tender. The EMD already paid along with tender shall be adjusted against SD to be paid by the successful bidder.

21.2).No exemption will be given from payment of Security deposit under any circumstances as per TTTT Act and the same should be remitted by above means. Any other form of remittance will not be accepted.

21.3).The security deposit will be refunded only after the **expiry of 6 months from** the date of satisfactory completion of the contract (Up to 5years Comprehensive AMC) satisfactorily complying to the specification of the equipment to take care of the workmanship of the agency.

21.4).If the purchaser incurs any loss or damages on account of breach of any of the clauses or any other amount arising out of the contract becomes payable by the supplier to the purchaser, then the purchaser will, in addition to such other dues that he shall have under the law, appropriate the whole or part of the security deposit and such amount that is appropriated will not be refunded to the supplier.

## **22.0). AGREEMENT:**

22.1).The successful bidder has to execute an agreement on Rs.100/-non-judicial stamp paper incorporating the terms and conditions of the contract and the specification within 15 days from the date of acceptance of the tender. In case of default of either of the conditions (i.e) remitting the security deposit or execution of the agreement within the time allowed, the EMD paid is likely to be forfeited by TCMPF.

22.2).If the contractor fails to execute the contract satisfactorily at the tendered rate, the security deposit will be forfeited by TCMPF.

22.3).If the TCMPF incurs any loss / additional expenditure due to the negligence of the contractor in connection with the work during the period of contract, the same shall be recovered together with all charges and expenses from the contractor.

22.4).In the event of breakages or damages, if any, caused by the contractor to the property of the TCMPF, the cost will be recovered from the contractor.

22.5).**RATES AND PRICE:** This is a fixed price contract. Price adjustment clause (to account for raise or fall in the money value / taxes during the contract period) is not operatable for this contract. However any variation in the statutory levies and Taxes by State Government / Central Government shall be effected on the end price to the benefit of either the contractor or TCMPF as the case may be.

22.6).The Agreement in Rs.100/- non-judicial stamp paper shall be signed and returned within 15 days of receipt of the Design, Supply, Erection, Installation, Testing and Commissioning order along with the D.D or BG for Security Deposit.

**23.0). PAYMENT TERMS:** Payment shall be made directly to the supplier by the TCMPF Limited for the concerned units as per the following terms:

**23.1). Supply, installation, testing, and commissioning:**

23.2.1). The 70% of the [Supply, installation, testing, and commissioning](#) charges shall be released on satisfactory completion of the [Supply, installation, testing, and commissioning of IP network-based CCTV surveillance cameras for Aavin Hi-tech parlours and Product godown, including an integrated CCTV control room.](#)

23.2.2).Balance 30% of [Supply, installation, testing, and commissioning](#) charges shall be released after 3 months from the date of satisfactory commissioning and performance of the [IP network-based CCTV surveillance cameras.](#)

23.2.3).The Comprehensive AMC payment will be released quarterly (once in three months) after completion of Comprehensive AMC satisfactory based on the Service report from users.

**23.3).NO OTHER TERMS OF PAYMENT WILL BE ENTERTAINED.**

**24.0). TERMINATION OF CONTRACT**

24.1).TCMPF may, without prejudice to any other remedy for breach of contract by the Contractor, terminate the contract in whole or part, by a 7 days written notice of breach of contract to the Contractor.

24.2).If the Supplier fails to deliver any or all of the goods within the time schedule specified in the Purchase Order / Delivery Schedule / e-Mail / Letter.

24.3).If the Supplier fails to perform any of the obligation(s) under the Contract;

24.4).If the Supplier is found to have involved in fraudulent, corrupt and unfair practices in competing for or in executing the Contract.

**25.0).CANCELLATION:**

In the event of unsatisfactory performance in executing the order as per the terms, the order is liable for cancellation. In the event of cancellation, the Security Deposit will be forfeited. Also, TCMPF reserves the right to cancel the order in full or part thereof without giving any reason by giving 15 days' notice if the tendered items / works are not required due to any reason. This cannot be a ground for the contractor to claim any compensation saying that the contractor has been put to loss because of this.

## **26.0).PENALTY:**

- 26.1). FORFEITURE OF EMD/SD: If the successful bidder fails to act according to the Tender conditions their SD will be forfeited or withdraws the offer after their tender is accepted, their EMD will be forfeited.
- 26.2). If the selected Bidder(s) fails to remit the SD within 15 days from the date of LOA, the EMD remitted by him will be forfeited and their Tender will be held void. TCMPF will have the right to divert the order to other bidders.
- 26.3). VIOLATION IN TERMS AND CONDITIONS: For any other violations in the terms and conditions, besides banning the business dealings with Government, recovery of additional cost plus 100% penalty and forfeiture of Security Deposit amount shall be imposed.

## **27.0).LIQUIDATED DAMAGES**

- 27.1 The delivery as specified should be guaranteed by the supplier under the liquidated damages clause given below:
- 27.1.1. It is the responsibility of the supplier to arrange for inspection dispatch etc. in time to keep up the delivery schedule.
- 27.1.2. If the supplier fails to deliver the equipments/ materials within the time specified in the purchase order or any extension thereof, or if any defects or failure or inconformity with specified item are not attended as per clause 29, the purchaser shall recover from the supplier as liquidated damages, a sum of HALF PERCENT (0.5%) of the total all-inclusive price of the undelivered equipments / Materials for each completed week of delay. The total liquidated damages shall not exceed Ten percent (10%) of the All-inclusive price of the equipments / materials so delayed. Only the date of actual receipt of materials at stores will be reckoned as date of delivery for this purpose. Liquidated damages will also be recovered for the quantity not supplied as is done for the belated supply.
- 27.2. Equipment will be deemed to have been delivered only when all its component parts and its accessories are also delivered. If certain components and accessories are not delivered in time the whole equipment will be considered as delayed unless, the missing parts are delivered. The Liquidated damages will also be levied for the quantity not supplied as is done for the delayed supplies. If supplies effected in part could not be beneficially used by the TCMPF/DCMPU (due to such incomplete supply), liquidated damage will be

worked out on the basis of P.O price and not on the value of delayed portion only.

27.3. If supplies to be rendered against the P.O are made by the supplier beyond the period of delivery stipulated in the indent and if they are accepted by the TCMPF/DCMPU, such acceptance is without prejudice to the TCMPF/DCMPU rights to levy liquidated damages for the delay in supply.

27.4. The TCMPF/DCMPU will also be at liberty to cancel the order if the supply is not made as per the delivery schedule specified in the indent, notwithstanding its rights to claim Liquidated Damages for the belated supplies and quantity outstanding to be supplied as on the date of cancellation.

**28.0).RIGHTS OF THE TCMPF:**

28.1).Time being the essence of contract no variation shall be permitted in the delivery time as prescribed in the delivery schedule. If the bidder fails to supply and execute the work in full or part of the order as per the delivery schedule, the TCMPF shall reserve the right to cancel the order besides forfeiture of Security Deposit.

28.2).Notwithstanding anything contained in the tender schedule, no obligation rests on the TCMPF to accept the lowest tender and the TCMPF shall also have the right to accept or reject any or all the tenders fully or partly without assigning any reasons.

28.3).For violation of any of the terms and conditions of the contract, the TCMPF reserves the right to terminate the contract, with or without notice as applicable.

28.4). On termination of contract, the Security Deposit is liable to be forfeited and any of the resultant loss beyond Security Deposit will be recovered from the contractor by legal means apart from forfeiture of any amount due to the contractor.

28.5).If the bidder defaulted in any of the previous tenders to execute agreement or to pay Security Deposit or to supply ordered quantity either in part or full will not be eligible from participating in this tender.

28.5.1).If the successful bidder either in TCMPF or in the DCMPU defaulted to execute agreement or to pay Security Deposit or to supply ordered quantity either in part or full shall be debarred from participating in the subsequent tenders for a period of 3 years.

## **29.0. GUARANTEE:**

- 29.1 The entire equipments/materials should be guaranteed for satisfactory operation & performance and good workmanship at least for a period of **24 months from the date of the date of satisfactory commissioning**. This guarantee shall include all spares & components (including those spares that can be deemed as consumable components).
- 29.2. Any defects noticed during this period shall be rectified free of cost to the TCMPF immediately on intimation of defect / failure. The incidental expenses like Packing & Forwarding charges, Freight & Insurance charges etc. for replacement of defective equipments within the guarantee period shall also be borne by the supplier. Irrespective of number of failures and repairs, the suppliers are responsible for replacement of defective materials till the guarantee period.
- 29.3. A written guarantee guaranteeing the TCMPF against defects in the materials supplied, either in materials or workmanship should be furnished preferably along with the initial bill payment. The guarantee shall be operative for a period of **24 months from the date of the date of satisfactory commissioning**.
- 29.4. Any defects or failure occurring within the guarantee period shall be replaced free of cost within the maximum 15 Days (Fifteen Days) from the date of receipt of intimation from the purchaser on such defects of failures. If they are not replaced within this period the contractor shall pay the liquidated damages as per the liquidated damages clause in the contract for the delay from the date of receipt of intimation for the defects or failures. Any expenditure incurred in the transportation of material / equipment for rectification or replacement will be to the suppliers account.

## **30.0). FORCE MAJEURE:**

- 30.1). Failure or delay in the part of bidder for supply due to force majeure causes enumerated here under shall be considered, provided the supplier produces documentary evidence.
- a. Any cause which is beyond the reasonable control of the bidder.
  - b. Natural phenomena, such as floods, drought, earthquakes and epidemics.
  - c. Act of any Govt. Authority, domestic or foreign, such as wars declared or undeclared quarantines, embargoes licensing control on production or distribution restrictions.

- d. Accident and disruptions such as fire, explosion, increase in power cut with respect to date of tender opening etc.,
- e. Strikes, slow down and lockouts.

30.2).The cause of force majeure condition will be taken into consideration only if the supplier notifies within 30 days from the occurrence of such eventualities. The purchaser shall verify the facts and grant such extension as the facts justify. For extension due to force majeure conditions, the supplier shall submit his representation with documentary evidence for scrutiny by the purchaser and decision of the purchaser shall be binding on the time.

### **31.0). DISPUTES AND ARBITRATION:**

In case of disputes arising out of this tender, an arbitrator as mutually acceptable to the bidder and TCMPF will be appointed by the Managing Director, TCMPF Limited. The arbitrator's decision shall be final, conclusive and binding on both the parties.

### **32.0). LEGAL JURISDICTION**

In case if either party to the tender is aggrieved by the award of the arbitrator so appointed as per clause 31.0 or otherwise, they can appeal to Court of Deputy Registrar (Dairying), Thiruvallur. The legal jurisdiction will be only Deputy Registrar (Dairying), Thiruvallur Court.

### **33.0). PERFORMANCE GUARANTEE:**

If the value of supply order is Rs.50 lakhs or more, the contractor shall provide a performance guarantee at the time of getting 70% payment for the 10% of the supply order value of the tendered items / works ordered as Bank Guarantee from a Nationalized Bank / Scheduled Banks for a period of one year and extendable to one more year if needed.

The Performance Bank Guarantee Shall be returned to the supplier after the expiry of guarantee period ensuring that defects / damages during the guarantee period are rectified/ replaced.

### **34.0).INSPECTION:**

34.1).After issue of purchase order to L1 Firm, the material inspection will be conducted at Supplier's site / User end by either TCMPF Ltd., / Third Party agency nominated by TCMPF Ltd as the case it may be.

34.2).The contractor shall provide Raw material test certificates, Manufacturer Test Certificates and also arrange to provide instrument for identification of material to conform as per technical specification during the inspection.



### **35.0). AMBIGUITIES IN CONDITIONS OF TENDERS:**

In the case of ambiguous or contradictory terms / conditions mentioned in the bid, interpretation as may be advantageous to the purchaser will be taken without any reference to the Bidder.

### **36.0).TECHNICAL SPECIFICATION**

**SUPPLY, INSTALLATION, TESTING, AND COMMISSIONING OF IP NETWORK-BASED CCTV SURVEILLANCE CAMERAS FOR AAVIN HI-TECH PARLOURS, INCLUDING AN INTEGRATED CCTV CONTROL ROOM.**

### **37.0 DESIGN BASIS:**

#### **37.1 INTRODUCTION:**

The objective of the project is to establish **an IP network-based CCTV surveillance system for Aavin Hi-tech parlours, including an integrated CCTV control room to monitor parlour activities from the unit's headquarters**

#### **37.2 SCOPE of work**

1. The Tender comprises Design, Supply, Installation, Testing, And Commissioning, and Testing of IP Network-based CCTV surveillance system for Aavin Hi-tech parlours, including an integrated CCTV control room to monitor parlour activities from the unit's headquarters
2. The bidder has to visit the all Aavin Hi-tech parlours and get well acquainted with existing system, available space for positioning the cameras effectively and laying the cables. The cameras, cables and control units are positioned maximum height to avoid the human error, and follow the relevant laws and regulations regarding CCTV surveillance.
3. The bidder has to prepare necessary CCTV Camera positioning layout drawings for obtaining approvals from the end users.

### 37.3 The basic specifications :

The basis for the proposed new [IP Network-based CCTV surveillance system for Aavin Hi-tech parlours, including an integrated CCTV control room](#) as given below.

#### 37.3.1 - 8CH NETWORK VIDEO RECORDER NVR

1. **Channels:** Supports up to 8 channels for connecting IP cameras.
2. **Compact Design:** 1U rack-mountable form factor, suitable for space-saving installations.
3. **Storage:** Supports 1 HDD (Hard Disk Drive) for video storage.
4. **User Interface:** Features a new 4.0 user interface for intuitive operation.
5. **Compression:** Supports H.264, H.265, Smart H.264+, and Smart H.265+ compression formats, optimizing storage efficiency.
6. **Decoding Capability:** Max. decoding capability of 8 channels at 1080p resolution and 30 frames per second (fps).
7. **Adaptive Decoding:** Supports adaptive decoding for efficient resource utilization.
8. **Camera Compatibility:** Compatible with mainstream cameras that adhere to ONVIF and RTSP protocols.
9. **Remote Surveillance:** Offers P2P remote surveillance functionality, allowing video playback on mobile devices.
10. **Video Output:** Provides VGA and HDMI simultaneous video output, with the maximum resolution of HDMI up to 4K, enabling high-definition viewing.
11. **AI Features:** Supports AI (Artificial Intelligence) capabilities provided by compatible cameras, including face detection, perimeter protection, Intelligent Video Surveillance (IVS), people counting, heat map analysis, and Smart Motion Detection (SMD).
12. **Remote Configuration and Management:** Allows remote configuration and management of connected IP cameras, including parameter settings, information retrieval, and firmware upgrades, facilitating centralized control.

#### 37.3.2 - 6TB SATA Hard Disk ( Internal) AVGP/SV35 - Surveillance Grade

#### 37.3.3- 5MP IP Bullet IR - 30 mtrs Camera

1. **Image Sensor:** Equipped with a 1/2.7" CMOS image sensor, providing high image definition and low illuminance performance.
2. **Resolution:** Offers a maximum resolution of 5MP (2592×1944) @ 20 fps, with output options of 2688×1520 (2688×1520) @ 25/30 fps, ensuring clear and detailed video footage.
3. **Compression:** Utilizes H.265 codec for high compression rate and ultra-low bit rate, optimizing bandwidth and storage efficiency.
4. **Infrared Illumination:** Features built-in IR LED with a maximum IR distance of 30 meters, enabling clear video capture in low-light or nighttime conditions.
5. **Advanced Video Coding:** Supports features like ROI (Region of Interest) and SMART H.264/H.265, providing flexible coding options suitable for various bandwidth and storage environments.
6. **Image Enhancement:** Offers rotation mode, Wide Dynamic Range (WDR), 3D Digital Noise Reduction (3D DNR), High Light Compensation (HLC), Backlight Compensation (BLC), and digital watermarking, enhancing image quality and adaptability to different monitoring scenarios.
7. **Intelligent Detection:** Includes intelligent detection features such as intrusion detection and tripwire detection, allowing for proactive surveillance and alerting.
8. **Abnormality Detection:** Provides detection for various abnormalities including motion detection, video tampering, SD card status (full, error, or not present), network connectivity issues, IP conflicts, illegal access attempts, and voltage detection.
9. **Storage:** Supports up to a maximum of 256 GB Micro SD card for onboard video storage.
10. **Power Options:** Can be powered by either 12V DC or Power over Ethernet (PoE), offering flexibility in installation and power supply.

11. **Weatherproofing:** Rated IP67 for protection against dust and water ingress, making it suitable for outdoor installation in various weather conditions.

#### **37.3.4 - 5MP IP Dome IR - 30 mtrs Camera**

1. **Image Sensor:** Equipped with a 1/2.7" CMOS image sensor, providing high image definition and low illuminance performance.
2. **Resolution:** Offers a maximum resolution of 5MP (2592x1944) @ 20 fps, with output options of 2688x1520 (2688x1520) @ 25/30 fps, ensuring clear and detailed video footage.
3. **Compression:** Utilizes H.265 codec for high compression rate and ultra-low bit rate, optimizing bandwidth and storage efficiency.
4. **Infrared Illumination:** Features built-in IR LED with a maximum IR distance of 30 meters, enabling clear video capture in low-light or nighttime conditions.
5. **Advanced Video Coding:** Supports features like ROI (Region of Interest) and SMART H.264/H.265, providing flexible coding options suitable for various bandwidth and storage environments.
6. **Image Enhancement:** Offers rotation mode, Wide Dynamic Range (WDR), 3D Digital Noise Reduction (3D DNR), High Light Compensation (HLC), Backlight Compensation (BLC), and digital watermarking, enhancing image quality and adaptability to different monitoring scenarios.
7. **Intelligent Detection:** Includes intelligent detection features such as intrusion detection and tripwire detection, allowing for proactive surveillance and alerting.
8. **Abnormality Detection:** Provides detection for various abnormalities including motion detection, video tampering, SD card status (full, error, or not present), network connectivity issues, IP conflicts, illegal access attempts, and voltage detection.
9. **Storage:** Supports up to a maximum of 256 GB Micro SD card for onboard video storage.
10. **Power Options:** Can be powered by either 12V DC or Power over Ethernet (PoE), offering flexibility in installation and power supply.
11. **Weatherproofing:** Rated IP67 for protection against dust and water ingress, making it suitable for outdoor installation in various weather conditions.

#### **37.3.5 - 8 PORT POE Switch - Gigabite – 120 Watts**

1. **Number of Ports:** 8 ports, typically with RJ45 connectors for Ethernet cables.
2. **PoE Support:** All 8 ports support Power over Ethernet (PoE), allowing you to power compatible devices directly through the Ethernet cable.
3. **Gigabit Ethernet:** Each port supports Gigabit Ethernet (10/100/1000 Mbps), providing high-speed data transfer.
4. **Total Power Budget:** The switch provides a total power budget of min.120 Watts, which is distributed among the PoE-enabled ports to power connected devices.
5. **PoE Standards:** The switch likely adheres to PoE standards such as IEEE 802.3af (PoE) or IEEE 802.3at (PoE+), which define the power delivery capabilities.
6. **Managed or Unmanaged:** Depending on your needs, the switch shall be managed (allowing for configuration and monitoring) or unmanaged (plug-and-play functionality).
7. **VLAN Support:** VLAN (Virtual Local Area Network) support shall be available for network segmentation and enhanced security.
8. **Fanless Design:** Some switches feature a fanless design .

#### **37.3.6 - Cat 6 Cable (Quantity Variable)**

#### **37.3.7 - - Termination box ( suitable )**

#### **37.3.8 - 22-inch monitor with 180 degree monitor stand**

1. **Screen Size:** 22 inches.
2. **Resolution:** Common resolutions for a 22-inch monitor include Full HD (1920 x 1080 pixels) or HD (1366 x 768 pixels).
3. **Aspect Ratio:** Typically 16:9 for widescreen monitors, but some may have a 16:10 aspect ratio.

4. **Panel Type:** Could be TN (Twisted Nematic), IPS (In-Plane Switching), or VA (Vertical Alignment), each with its own characteristics in terms of color accuracy, viewing angles, and response times.
5. **Refresh Rate:** Most 22-inch monitors have a standard refresh rate of 60Hz
6. **Inputs:** Common input options include HDMI, DisplayPort, VGA, and DVI.

**37.3.9 - Wireless Mouse**

**37.3.10 - 6U Wall mountable Rack with Accessories Includes -Power Manager, Cooling Fan & Accessories**

**37.3.12 - 1KVA UPS with inbuilt Battery ( Battery 12V, 18Ah-2nos.)**

**.3.13 - 5 Mtrs HDMI cable**

**37.4. Centralized Control and monitoring room**

**37.4.1 - Display TV Specifications:**

1. Screen Size: 55 inches
2. Resolution: Ultra High Definition (UHD) 4K (3840 x 2160 pixels)
3. Panel Type: LED
4. HDR Support:
5. Refresh Rate: Typically 60Hz
6. Design: Sleek and modern design with slim bezels]
7. Connectivity : HDMI Ports: USB Ports: Other Ports: Ethernet (LAN), Component In (Y/Pb/Pr), Composite In (AV), RF In (Terrestrial / Cable input), Digital Audio Out (Optical), RS232C (Control / SVC), Ex-Link (RS-485), Wireless Connectivity: Wi-Fi, Bluetooth
8. Audio : Built-in speakers and Speaker Output option
9. Smart Features : App Store Access: Web Browser: Voice Control: Screen Mirroring:
10. Additional Features: Picture Enhancements: PurColor technology, UHD Dimming, Gaming Features, Energy Efficiency: Energy Star certified.
11. Remote Control : Standard remote control
12. Mounting Options : based on the requirement
13. Power: Power Supply: AC 100-240V 50/60Hz

**37.4.2 - Nvidia Quadro Graphics Card 16GB**

**37.4.3 - Workstation system**

1. G9 (700W) 8G1G2PA / 13th Gen , Core i7 13th Gen 13700 16C,16GB DDR5 RAM,1TB NVMe
2. Intel HD Graphics,VGA,Win11Pro,DVD-RW, HDMI Cable, Display port to HDMI converter

**37.4.4 - Cable laying**

1. HDMI & Cat6 laying with PVC Channel & accessories, Power Provision for TV including power cable, socket and back box.

**37.4.5 - Integration**

- Remote view configuration at all sites, workstation, Software Installation, Testing, commissioning and configuration of control center
- Suitable wooden table shall be provided for placing the CPU and accessories at control room

**Site Inspection:**

The bidder is requested to visit the respective Aavin Hi-tech parlours and get well acquainted with existing system, available space, orientation etc before bidding.

The general technical specification of the major components and the ancillary items described in the technical section, its capacities and quantities proposed by the Purchaser are furnished in the 'Basis of Design' and 'Bill of Quantities (BOQ)'. These are only for the guidance of the bidders to quote their prices on comparable basis. However, it shall be construed and understood that bidder is familiar / acquainted about the nature and the quantum of work involved and has submitted his offer without deviating the basic configuration of the plant.

The capacity and quantity of the equipment, cables, cable trays, earthing, instruments, supports etc. are to be offered based on the actual requirement at site. The bidder shall have to work out the details based on the system offered.

**Erection and Commissioning**

It is to be noted that the erection and **commissioning** new **IP Network-based CCTV surveillance system for Aavin Hi-tech parlours, including an integrated CCTV control room** within the schedule. Operate the systems for 30 days before handed over to the TCMPF and provide training to the TCMPF staffs for monitoring, maintains and break down services. The detailed SOP and catalogue should be provided.

**Battery Limits:**

1. Necessary drawings for CCTV camera location and control room & other details etc are to be furnished by the bidder within a month on receipt of the PO.
2. The bidder has to submit the proposed layout of CCTV positioning and equipments and get prior approval from TCMPF Ltd.
3. The bidder has to submit the complete installation; commissioning schedule (Pivot table) based on the site conditions and shall carryout the works without affecting the production activities.

## Bill of Quantities. (BOQ)

SN	Description	Qty	Unit
<b>A</b>	<b>Supply and Installation of CCTV Camera</b>		
1	<b>8CH NETWORK VIDEO RECORDERNVR</b>	25	No
2	6TB SATA Hard Disk ( Internal) AVGP/SV35	25	Nos
3	<b>5MP IP Bullet IR - 30 mtrs Camera</b>	125	Nos
4	<b>5MP IP Dome IR - 30 mtrs Camera</b>	25	Nos
5	8PORT POE Switch - Gigabite - 192Watts	25	No's
6	Cat 6 Cable (Quantity Variable)	4500	Mtrs
7	Termination Box	150	Nos
8	Wireless Mouse	25	Nos
9	6U Wall mountable Rack with Accessories Includes Power Manager, Cooling Fan & Accessories	25	Nos
10	Full Depth Tray	25	Nos
11	1KVA UPS with inbuilt Battery	26	Nos
12	22" inches Monitor	25	Nos
13	5 Mtrs HDMI cable	25	Nos
	<b>Sub Total</b>		
	<b>Cable laying</b>		
14	Cable laying - PVC conduit, clamp and accessories- (PVC Accessories :( cable Tie-, Number Tie, Insulation tape, junction box, PVC casing & capping, Connectors and accessories. (Quantity Variable)	4500	Mtrs
	<b>Installation</b>		
15	Installation - termination of NVR, commissioning, configuration of CCTV system includes Naming of all cameras.	25	No's
16	Camera Installation charges (Location )	25	Nos
	<b>Total -A</b>		
<b>B</b>	<b>Control Room</b>		
1	<b>55"INCH TV MONITOR DISPLAY</b>	1	Nos
2	Nvidia Quadro Graphics Card	1	Nos
3	<b>Work station System</b>	1	Nos
4	10MTRSHDMICable	1	Nos
5	Display port to HDMI converter	1	Nos
6	<b>Cable laying</b>		
7	HDMI & Cat6 laying Charges with PVC Channel & accessories	1	Ls
8	Power Provision Charges for TV including power cable, socket and back box	1	Ls
9	<b>Integration</b>		
10	Remote view configuration at all sites, workstation, Software Installation, Testing, commissioning and configuration of control center	1	Ls
	<b>Total -B</b>		
	<b>Total (A+B)</b>		
<b>C</b>	<b>Comprehensive AMC contract</b>		
1	Comprehensive AMC contract 3rd year	1	Ls
2	Comprehensive AMC contract 4th year	1	Ls
3	Comprehensive AMC contract 5th year	1	Ls
	<b>Total -C</b>		
	<b>GST</b>		
<b>D</b>	<b>Grand Total (A+B+C )</b>		

### 37.5 - Comprehensive Annual Maintenance Contract for the IP Network-based CCTV surveillance system at Aavin Hi-tech parlors, inclusive of an integrated CCTV control room, for a duration of 3 years commencing upon the expiration of the initial 2-year guaranty period

1. **Preventive Maintenance:** Regular inspection and maintenance of CCTV cameras, network equipment, recording devices, and control room equipment to ensure optimal performance. Preventive Maintenance -12 visit per year once in a month
  - **Hardware Maintenance:** Repair or replacement of faulty CCTV cameras, network switches, routers, NVRs (Network Video Recorders), DVRs (Digital Video Recorders), and other related hardware components.
  - **Software Maintenance:** Updating firmware, software patches, and ensuring compatibility with the latest security standards to prevent vulnerabilities and enhance system functionality.
  - **24/7 Monitoring:** Monitoring the health and performance of the CCTV system round-the-clock to identify and address any potential issues proactively.
2. **Troubleshooting and Support:** Providing technical support to address issues related to camera connectivity, video quality, network configuration, software glitches, and other operational concerns.
3. **Emergency Response:** Prompt response to critical incidents, such as camera failures, network outages, or security breaches, to minimize downtime and ensure continuous surveillance coverage. Immediate response time 6 hours and rectify the fault 48 hours.
4. **Remote Diagnostics:** Utilizing remote monitoring and diagnostic tools to identify and resolve system issues without the need for onsite visits whenever possible.
5. **Scheduled Maintenance Visits:** Conducting periodic maintenance visits as per the agreed schedule to inspect equipment, clean lenses, adjust camera angles, and perform any necessary adjustments or repairs.
6. **Inventory Management:** Maintaining an inventory of spare parts at contractor side and replacement equipment to facilitate quickly repairs and minimize downtime in case of hardware failures.
7. **Documentation and Reporting:** Keeping comprehensive records of maintenance activities, service reports, equipment configurations, and any changes made to the system. Providing regular reports to the client on system performance, maintenance activities, and recommendations for improvements.
8. **Training:** Providing training sessions for control room operators and maintenance staff on how to operate the CCTV system effectively, troubleshoot common issues, and perform basic maintenance tasks.
9. **Compliance and Regulatory Requirements:** Ensuring that the CCTV system complies with relevant industry standards, regulations, and data protection laws, including GDPR (General Data Protection Regulation) or other local privacy regulations.
10. **System Upgrades and Expansion:** Advising the client on potential upgrades or expansions to the CCTV system to accommodate evolving security needs, technological advancements, or changes in operational requirements.
11. **Quality Assurance:** Conducting regular quality checks and performance evaluations to ensure that the CCTV system meets the required standards of reliability, accuracy, and image quality.
12. **Agreements :** Fault response time , resolving time etc. shall be clearly mentioned in the Agreement copy
13. **Liquidated Damages for Deficiency in Performance:** During the Onsite warranty and comprehensive AMC period, the complaints received shall be attended immediately without any time delay and ensure the availability of support.

14. **Penalty:** If the complaint is not rectified within 24 hours, a penalty or liquidated damages of 0.1% of the value of the defective item per day will be deducted from the Security Deposit (SD) or CAMC bill until the issue is resolved // fixed.

**LIST OF PREFERRED MAKES OF BOUGHT OUT ITEMS**

<b>DESCRIPTION</b>	<b>MAKES</b>
<b>8CH NETWORK VIDEO RECORDER NVR</b>	<b>Axis Communications / Dahua / Hikvision/ Pelco by Schneider Electric / Bosch Security Systems</b>
6TB SATA Hard Disk ( Internal) AVGP/SV35	<b>Western Digital (WD) / Seagate: Toshiba</b>
<b>5MP IP Bullet IR - 30 mtrs Camera</b>	<b>Axis Communications / Dahua/Hikvision / Pelco by Schneider Electric / Bosch Security Systems</b>
<b>5MP IP Dome IR - 30 mtrs Camera</b>	<b>Axis Communications / Dahua / Hikvision / Pelco by Schneider Electric / Bosch Security Systems</b>
8PORT POE Switch - Gigabite - 192Watts	<b>TP-Link /D-Link</b>
Cat 6 Cable (Quantity Variable)	<b>D-Link / Finolex / Schneider Electric (APC)</b>
Termination Box	<b>Bharti Teletech / D-Link / Schneider Electric (APC)</b>
Wireless Mouse	<b>Dell, / HP (Hewlett-Packard), / LG</b>
6U Wall mountable Rack with Accessories Includes Power Manager, Cooling Fan & Accessories	<b>D-Link / Schneider Electric (APC)/ Vertiv (formerly Emerson Network Power)</b>
1KVA UPS with inbuilt Battery	<b>APC by Schneider Electric / Luminous Power Technologies / Microtek / Exide Technologies</b>
22" inches Monitor	<b>Dell, / HP (Hewlett-Packard) /LG</b>
5 Mtrs HDMI cable	<b>AudioQuest / Monster / Terabyte /Zebronics</b>
<b>55"INCH TV MONITOR DISPLAY</b>	<b>Sony / Samsung / LG / Panasonic</b>
<b>Work station System</b>	<b>HP/ Dell /Apple</b>

\*\*\*\*\*



**ANNEXURE-I**

**PROFILE OF THE BIDDING ORGANISATION**

The Bidder shall furnish the following details without fail:

<b>Manufacturer / Supplier</b>	
Name of the Organization	
Nature of the Organization : Individual contractor/ Sole Proprietary Firm / Firm in Partnership /Private Limited Company /Public Limited Company	
Year of Incorporation ( <b>Furnish copy of Certificate of incorporation</b> )	
<b>Main line of Business</b>	
Address of the Registered Office:	
Contact Person Name	
Contact Person Mobile	
E-Mail Address	
Name, position, status, capacity etc, of the Key personnel/ directors of the company (Attach organization chart showing the structure of the company / firm)	
Name, capacity and address of the signatory who has Signed the Qualification Application. Attested copy of authorization issued (either by power of attorney or as per articles of Partnership Deed / Memorandum of Association) in favour of the signatory to sign the qualification Application price Tender/ Agreement should be appended.	

GST Registration Number( <b>Furnish copy of GST Certificate</b> )	
PAN Number ( <b>Furnish copy of PAN Card</b> )	
Copy of Income Tax Returns for last three previous financial years	

Note: The Bidder must upload documentary proof for the above details without fail.

I/we hereby declare that the details furnished above are true and correct to the best of my knowledge. In case any of the above information is found to be false or untrue or misleading or misrepresenting, I/we am/are aware that I/we may be held liable for it.

Signature of the Bidder with office seal

Place:

Date:

**ANNEXURE-II**

**FINANCIAL CAPABILITY**

The Average Annual Sales / Revenue Turnover of  
M/s.....(Name of Firm)..... and address  
..... for the past three years are given below and certified that  
the statement is true and correct:-

S. No.	Financial Years	Sales / Revenue Turnover in Lakhs (Rs)
1.	2020-21	
2.	2021-22	
3.	2022-23	
	Total	

Average annual Sales/Revenue turnover - Rs. \_\_\_\_\_ Lakhs

**Note:-**The Bidder must upload either the Annual Turn Over Certificate for above 3 years certified by Chartered Accountant or Annual statement of Accounts (i.e.) Profit & Loss Accounts and Balance Sheet for the above 3 years certified by Chartered Accountant in support of Annual Turn Over without fail.

Signature of the Bidder with office seal

Place:

Date:

**ANNEXURE-III**

**DECLARATION FORM**

**(To be signed with company seal on letter head and uploaded in the Technical Bid)**

To

The Dy. General Manager (Engg.),  
TCMPF Ltd.,  
Head Office, Aavin Illam, 3-A,  
PasumponMuthuramalinganarSalai,  
Nandanam,  
Chennai – 600 035.

Sir,

Sub: Acceptance of Terms & Conditions of Tender.

Tender Ref. No.: [1389/CCTV/AGME/PM/Mkg/2024](#)

Name of Tender / Work / Item: Design, Supply, Erection, Installation, Testing and Commissioning of “[Supply, installation, testing, and commissioning of IP network-based CCTV surveillance cameras for Aavin Hi-tech parlours, including an integrated CCTV control room, with two-year warranty period and three year comprehensive annual maintenance contract](#) “

\*\*\*\*\*

We, the undersigned, declare that:

- 1) I / We hereby certify that I / we have read the entire terms and conditions of the tender documents including all documents like detailed technical specification, annexure(s), etc ,
- 2) I/we agree to abide by all the detailed specifications, terms and conditions stipulated by the TCMPF which I/we have read and understood.
- 3) I/we certify that I/we have fully read and understood the instruction to bidders for online bid submission given by TCMPF, and any lapse to properly submit the bids result in rejection of the bid submitted.
- 4) I/we certify that the tender is offered without any alteration / addition / omission.
- 5) The corrigendum(s) issued from time to time by your department/ organisation too has also been taken into consideration, while submitting this declaration form
- 6) I/ we certify that all the conditions of the tender are accepted.

- 7) I/we agree that the TCMPF, is not responsible for any data corruption that might arise during the transmission / uploading of data in the website or due to disruption in communication error in my / our tender.
- 8) I/we agree that the TCMPF, has right to change schedule of opening or any technical corrective action to resolve any error that might arise during the opening of the e-tender by TCMPF.
- 9) I/we certify that I/we are responsible for the uploading of correct copies of scanned documents as per the e-tender procedure of TCMPF.
- 10)I /we understand that any error in doing so my /our tender may be summarily rejected by TCMPF.
- 11)I/We hereby agree to hold the tender offer valid for acceptance for a period of 120 days from the date of opening of Part – I – Technical bid
- 12)In the event of failure on my / our part to comply with all the requirements mentioned in this tender document I / we unconditionally agree that the department is at its liberty to reject my/our tender including the forfeiture of the full said earnest money deposit absolutely.

Signature of the Bidder with office seal

Place:

Date:

**ANNEXURE – IV**  
**CERTIFICATE OF CONFORMITY**

Certified that the offer is in total conformity with tender terms and specification without any deviation, whatsoever.

SIGNATURE OF THE BIDDER:

FULL NAME :

DESIGNATION :

SEAL OF COMPANY :

**ANNEXURE – V**

**BIDDER’S EXPERIENCE DETAILS**

Details of purchase orders successfully executed in last five years/ performance certificates of last three years may please be summarized chronologically in the given format and copies of the same may be scanned and uploaded.

S. No.	Name and address of the Purchaser	Name of the Works/Items	Purchase Order No. & Date	Qty.	Value of order in Rs. Lakhs	Performance Certificate obtained on
1.						
2.						
3.						
4.						

Signature of the Bidder with office seal

Place:

Date:

**Annexure – VI**

**INFORMATION REGARDING CURRENT LITIGATION / DEBARRING /  
EXPELLING OF APPLICANT OR ABANDONMENT OF WORK BY THE  
APPLICANT**

1. (a) Is the Applicant currently involved in any Arbitration / litigation relating to any contract works	Yes/No
(b) If Yes, Details thereon	
2. (a) Has the Applicant or any of it's constituent partners been Debarred/Expelled by any agency during the last Three years	Yes/No
(b) If yes, Details thereon	
3. (a) Has the Applicant or any of it's constituent Partners failed to complete, any contract work during the past Three years	Yes/No
(b) If yes, give details thereon	

**Dated Signature of Applicant with seal**

**Note:** If any information in this Annexure is found to be incorrect or concealed, the Qualification Application will be summarily rejected & price tender will not be opened.



**ANNEXURE – VII**

**MANUFACTURERS' AUTHORISATION FORM**

Reference No. \_\_\_\_\_, Dated: \_\_\_\_\_

To :

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Dear Sir,

Subject : Tender Ref. [No. 1389/CCTV/AGME/PM/Mkg/2024](#)

We, (Name of the manufacturer), an established and reputable manufacturers of having factories at (Name place of Works) do hereby authorize (Name and address of Agents) to bid, negotiate and conclude the contract with you against Tender Ref. No for the above goods manufactured by us.

No company or firm or individual other than (Name of your sole agent/distributor) are authorized to bid, negotiate and conclude the contract in regard to this business against this specific Tender Ref. No.

We hereby extend our full guarantee as per tender **clause 29** for the all goods and supply against this project of [Supply, installation, testing, and commissioning of IP network-based CCTV surveillance cameras for Aavin Hi-tech parlours, including an integrated CCTV control room, with two-year warranty period and three-year comprehensive annual maintenance contract](#) by the above firm.

Yours faithfully,

(NAME)

For and on behalf of M/s. \_\_\_\_\_

(Name of Manufacturers)

Note: This letter of authority should be on the Letterhead of the manufacturing concern and should be signed by a person competent and having the power of attorney to bind the manufacturer

## ANNEXURE – VIII

### FINANCIAL BID

I/We have gone through and understood all the terms and conditions of the tender and will abide by all the condition laid down for the supply of tendered items / works as per the detailed scope of works, terms and conditions laid down in the tender document.

PRICE SCHEDULE						
NUMBER	TEXT	TEXT	NUMBER	TEXT	NUMBER	TEXT
Sl. No.	Item Description	Item Code / Make	Quantity	Units	BASIC RATE In Figures: To be entered by the Bidder In	TOTAL AMOUNT With Taxes
						TOTAL AMOUNT In Words
1	Supply, installation, testing, and commissioning of IP network-based CCTV surveillance cameras for Aavin Hi-tech parlours, including an integrated CCTV control room				19	54
1.01	8CH NETWORK VIDEO RECORDER					
1.02	6TB SATA Hard Disk (Internal) AVGP75V					
1.03	8MP IP Bullet IR - 30 mtrs Camera	item3	125.000	Nos		0.00 INR Zero Only
1.04	8MP IP Dome IR - 30 mtrs Camera	item4	25.000	Nos		0.00 INR Zero Only
1.05	8PORT POE Switch - Gigabit - 132Watts	item5	25.000	Nos		0.00 INR Zero Only
1.06	Cat 6 Cable (Quantity Variable)	item6	4900.000	Mtrs		0.00 INR Zero Only
1.07	Termination Box	item7	950.000	Nos		0.00

1).The rate quoted in the Financial Bid (BOQ - Excel online) shall remain constant during the period of contract or till extended period if any and no other additional charges on any account will be claimed. The above rate is on F.O.R. which is inclusive of all viz. material cost, GST/IGST for supply and erection commissioning, transport charges, toll charges, transit insurance, loading and unloading charges, erection and commissioning charges, etc.,

2). All the rates should be only in terms of Indian Rupees.

3).The L1 bidder shall furnish complete break up details for the as per bill of materials mentioned in the Technical Specification in a separate sheet for Price, GST/IGST, with the percentage.

Signature of the Bidder with office seal

Place:

Date:

## CHECK LIST

### BIDDER TO FILL IN THE CHECK LIST AND UPLOAD IN THE ONLINE PORTAL WHILE SUBMITTING THE TENDER

(State YES / NO for each item)

Kindly ensure compliance of the under-mentioned requirements, as per Tender Terms and Conditions.

S. No.	Description	Bidders Response
<b>I.</b>	<b>TECHNICAL BID</b>	
1.	Whether details of E-Remittance towards EMD Amount is uploaded.	Yes/No
2.	If the bidder is claiming EMD exemption, a copy of valid document proof of EMD exemption to be uploaded in accordance with Clause No.9.8	Yes/No
3.	Whether documentary evidence for manufacturer / supplier as per tender clause 5.1 are uploaded	Yes/No
4.	Whether the copies of purchase orders / supply orders as per Tender Clause No. 5.2 are uploaded.	Yes/No
5.	Whether the copies of Satisfactory supply Completion Certificate / Performance Certificate as per Tender Clause No. 5.3 are uploaded.	Yes/No
6.	Whether documentary evidence for minimum experience of 5 Years as per tender clause 5.4 are uploaded	Yes/No
7.	Whether documentary evidence for average annual sales turnover as per tender clause 5.5 are uploaded	Yes/No
8.	Whether the tender documents are signed & stamped with company seal and uploaded	Yes/No
9.	Whether the following Supporting Documents, including the Annexures / Amendments are uploaded duly signed and sealed in each and every page, failing which their offer will be rejected	Yes/No
	a).Profile of the Bidding Organisation as per Annexure-I.	Yes/No
	b).Financial Capability as per Annexure-II	Yes/No
	c).Declaration Form as per Annexure-III	Yes/No
	d).Certificate of Conformity as per Annexure-IV	Yes/No
	e).Bidder's Experience Details as per Annexure-V	Yes/No
	f).Details of Abandonment of work Litigation / debarring done as per Annexure - VI	Yes/No
	g).Manufacturer Authorization Form as per Annexure VII	Yes/No
	g).Any other documents wherever insisted in the tender document.	Yes/No
<b>II.</b>	<b>FINANCIAL BID</b>	

S. No.	Description	Bidders Response
10.	Whether the Financial Bid - BOQ (Excel Format) is filled and uploaded	Yes/No
11.	Whether the Financial Bid – Detailed Price Breakup for BOQ (PDF Format) is filled and uploaded	Yes/No

Note: Please ensure that all the relevant boxes are marked YES / NO against each column

**Important Note:** Bidders must ensure to upload all the required documents indicated in the Tender document without fail in the Online Portal. Bids uploaded without supporting documents (See Clause No 5 Pre-Qualification Criteria) in respect of the various requirements mentioned in the tender document are liable to be rejected at the initial stage itself.