



CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY (C-DIT)

Chithranjali Hills, Thiruvallom, Thiruvananthapuram-27

Phone: 0471-2380910, 912

C-DIT/11/SSD/CCTV-INTEG/2025-26/T720

Dated 01.11 .2025

TENDER NOTICE

**SUPPLY OF PASSIVE COMPONENT, INSTALLATION, TESTING, COMISSIONING
AND MAINTANANCE OF CCTV SURVEILLANCE SECURITY SYSTEM AT
VARIOUS LOCATION ACROSS KERALA ON A RUNNING CONTRACT BASIS**

Sealed tenders are invited for the **Selection of Integrators/Agencies for the Supply, Installation, Testing, Commissioning and Maintenance of CCTV Surveillance Security System at Various locations Across Kerala on a Running Contract basis.** The envelopes containing the tender should bear the superscription *“Tender for the Supply, Installation, Commissioning and Maintenance of CCTV Surveillance Security System- Running Contract”* should be addressed to The Registrar, Centre for Development of Imaging Technology (C-DIT), Chithranjali Hills, Thiruvallam, Thiruvananthapuram 695027. Intending tenderers may submit the tenders on their own papers by post/hand. Last date for receipt of tenders is **07.11.2025, 03.00 PM.** Late tenders will not be accepted. The tenders will be opened at **03.30 PM on the same day in C-DIT office** in the presence of the tenderers or their authorized representatives who may be present at that time. Details of the requirements and the conditions governing the supply can be downloaded from our website www.cditi.org

Thiruvananthapuram

01.11.2025

SD/-

REGISTRAR



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Phone: 0471-2380910, 912

Ref. No: C-DIT/11/SSD/CCTV-INTEG/2025-26/T720

Dated 01.11 .2025

TENDER TERMS

1. GENERAL TERMS AND CONDITIONS

- a) This Tender is invited for the **“Selection of Integrators/Agencies for the Supply and Installation of Passive components and Integration of CCTV Surveillance Systems at Various Locations across Kerala on a running contract basis for a period of One year”** as per the tender specifications, for various projects undertaken by C-DIT. Interested agencies/firms/companies meeting the eligibility criteria can apply for this tender.
- b) **The selection will be based on District wise and the L1 Bidder (Integrators/Agencies) shall be responsible for the Supply and Installation of Passive components and Integration of CCTV Surveillance Systems at the location/ Project site identified by CDIT as per the list of components specified in the Work order on requirement basis.**
- c) **Bidder having district level branch offices can quote in multiple districts**
- d) C-DIT reserves the right to cancel any or all tenders without assigning any reason whatsoever.

2. ELIGIBILITY CRITERIA OF BIDDER

Bids from those firms which in their individual capacity, satisfy the following eligibility criteria, only will be considered for further evaluation.

- a) Bidder should be a registered company or registered business firm as per Indian Law, doing similar business. **(Documentary evidence should be attached)**

- b) The bidder shall be registered Proprietorship/ Company/Firm having registered office in Kerala, **(Documentary evidence should be attached)**
- c) The bidder must have a currently valid GST registration certificate and PAN number.
- d) Bidder should submit valid document for the registered office/Branch Office in the respective Districts quoted. **(Documentary evidence should be attached)**
- e) **The registered offices/ Branch Offices should be operational for a minimum period of past three years. (Documentary evidence lease agreement/ Corporation tax/or any equivalent Document supporting the proof of Address and year of Commencement and operational)**
- f) Bidder should have expertise in installation and configuration of CCTV Surveillance System.
- g) The bidder shall have a minimum two technicians in their roll. The bidder must provide the list of technicians in the format provided. **(List of personal details should be attached)**
- h) The firm shall have experience in executing at least three assignments related with IP based CCTV Surveillance System in Central Government/State Governments/PSUs/Government bodies/Autonomous Bodies in Kerala during the last three financial Years as on MARCH 2025 with a minimum order value of not less than Rs.3 lakhs. **Copy of relevant document shall be submitted/ uploaded along with the tender documents. (Form 1)**
- i) Must enclose at least one satisfactory work completion certificate issued by the clients related to the works. **(Documentary Evidence shall be attached)**
- j) The agency must have a minimum annual turnover of Rs.5 Lakhs (Five Lakhs) in the financial year (2023-24) or should have an average turnover of Rs 10 Lakhs during the past three years (2021-22, 2022-23, 2023-24)
- k) The agencies should not have been blacklisted by Govt. agencies/ Autonomous Bodies/ public sector undertakings by any Central or State government. A self-

declaration of the agency showing that they are not blacklisted in India/abroad shall be uploaded **(In company letterhead)**

3. PURPOSE

Centre for Development of Imaging Technology (C-DIT) is an accredited agency for implementing CCTV Surveillance System projects of State level projects, various Local Self Government Institutions, Departments etc. For the successful installation and configuration of the projects, C-DIT has invited this tender to identify the integrators on running contract basis.

4. SCOPE OF WORK

Scope of work primarily includes **Supply, Installation, Testing, Commissioning and Maintenance of CCTV Surveillance Security System** as per the items listed in Annexure-II. The selected agency/bidder shall supply the required passive components listed in Annexure-II for each and every work as per the supplementary orders issued on need basis. CDIT shall supply necessary active components listed in Annexure-I at the respective location before commencement of the work.

The scope of work also includes

- 1) Supply, Installation and commissioning.
- 2) Maintenance support during the warranty period.
- 3) Ensure proper functioning and upkeep of the system.
- 4) Maintaining adequate stock of materials during the warranty period.
- 5) Ensure the quality of work

5. SELECTION CRITERIA

- 1) It is mandatory for the bidder to quote for all items listed in the BoQ.
- 2) Partial quoting of items will lead to disqualification.
- 3) Final selection will be based on the grand total of the unit rates of items in the BOQ.
- 4) Bidder must quote respective district Column in the BOQ.

- 5) Bidder can quote rates for the integration work in multiple districts subject to the condition that bidder must have office in the respective district. (Eligibility Criteria Clause (e))
- 6) If the Bidder is willing to submit a price offer /rate in multiple districts, they should submit a separate BOQ to the respective district with the applicable unit rate. Evaluation will be based on district wise with the totality of the unit rate only.
- 7) CDIT reserve right to award the work to multiple agencies/ bidders selected under this tender.

6. ITEMS, QUANTITY AND SPECIFICATIONS

List of items, anticipated annual quantity and specifications are attached in ANNEXURE-I to IV.

7. SPECIAL CONDITIONS FOR THIS TENDER

1. **The selected agency shall supply all passive components required for the installation of CCTV Surveillance System and ensure that the system is fully functional.**
2. **The bidder must have a registered office and/or service centre within the specified district quoted.**
3. The agency shall provide all necessary support to the technical personnel deployed by C-DIT at the District for monitoring during project implementation process and each project shall be done only under the direct supervision of C-DIT.
4. The selected agencies shall execute an agreement with C-DIT.
5. The action plan for CCTV project implementation shall be intimated by the agency to C-DIT in advance so that C-DIT Supervisor can be deployed for the monitoring and ensuring timely execution of works as per specifications.
6. The selected agency shall provide all electrical and network cabling works, along with other associated labour required for the implementation of CCTV surveillance solutions for projects undertaken by C-DIT across Kerala.
7. Technical and other details of the items offered along with make & model and

complete specification should also be mentioned in the tender.

8. The tenders shall invariably be accompanied by manufacturers catalogues and leaflets giving full technical specifications.
9. Bidder should not quote discontinued Brands or Models for which OEM support is not available.
10. **The selected agencies will be responsible to complete the entire scope of work starting from inception to commissioning of the project in compliance with the Technical Specification of the items listed in Annexure-IV.**
11. **The selected agency shall supply all necessary items those listed in Annexure II required for the successful implementation of the project with good quality standards and it is the responsibility of selected agencies to make the project functional.**
12. **Within the contract period, based on the nature of work and to encourage competition among the selected agencies or others, the tenderer reserves the right to invite a fresh tender if necessary.**
13. Agency should provide training to the concerned officials regarding the working principles of the surveillance system installed.
14. The rate should be quoted for all items listed in the BOQ and tenders which do not indicate price information for listed items in BOQ will not be considered.
15. The selected agencies are responsible for effecting supply to the entire satisfaction of the undersigned or his authorized representatives. In case any defect in the item supplied is noticed, such item will be rejected at the risk and cost of the agency.
16. The agencies those who are interested can update the details using the google sheet id given below.

https://docs.google.com/forms/d/e/1FAIpQLSfKERaCJZ_oJG5zq2XwbLcRj7IrnALo3apg8D4KkFaxkDsItw/viewform?usp=publish-editor

8. OTHER TERMS & CONDITIONS

- 1 C-DIT is not bound to assign any reason for rejecting any or all the tenders. It also reserves the right to accept/reject (part/whole) or any other tender(s) at their sole discretion without assigning any reason thereof. Its decision in the matter shall be final and binding.
- 2 The L2 bidder shall be kept in reserve and may be invited in its discretion for negotiations in case the first ranked bidder withdraws, or fails to comply with the requirements specified or to complete the work within the specified time.
- 3 **Empanelment & splitting of order:** C-DIT may empanel more than one contractor to meet the demand in case a contingency arise. C-DIT may distribute orders in between the empanelled suppliers if it is needed. In case the order is split among the parties, applicable rate for supply and installation shall be the finalized rate quoted by the L1 bidder. However maximum order shall be placed on L1 bidder. Also, the allotment of maximum order for further requirements during the Tender will depend upon the quality and promptness of service rendered. The decision of C-DIT shall be final and binding on the parties in this regard.
- 4 The rate quoted by the bidder shall be inclusive of GST, transportation charges, unloading charges and installation charges. Rates quoted by the bidder shall be valid for a period of twelve months from the date of opening of the tender.
- 5 No advance payment will be made against any Work Order.
- 6 **The bidder shall submit the price offers in the "COMMERCIAL BID FORM" provided along with this tender and shall submit in the specified cover.**
- 7 Technical and other details of the items offered indicating 'Make and Model ' and complete specification should be mentioned in the tender.
- 8 The rate should be quoted for the unit shown in the list and tenders which do not indicate this essential information will not be considered.

- 9 The rate quoted for item/ material is final and no enhancement will be allowed under any circumstances. The enhancement of rate will cause the cancellation of the work order and the security deposit will be forfeited.
- 10 If the bidder furnishes wrong and/or misleading data, statement(s) etc. about technical acceptability of the goods and services offered by it, its tender will be liable to be ignored and rejected in addition to other remedies available to the purchaser in this regard.
- 11 All items offered shall confirm in all respects to the relevant Indian standard Specification with up-to-date amendments wherever applicable.
- 12 Should any inspected or tested materials/items fail to confirm to the specification or found sub standards, C-DIT may reject them and the tenderer shall either replace the rejected goods or make all alternations necessary to meet specification requirements free of cost to the purchaser.
- 13 The bidder shall guarantee that all items supplied by the bidder shall be free from any defect due to the defective materials and bad workmanship and that the system shall operate satisfactorily and that the performance and efficiencies of the equipment shall not be less than the guaranteed values.
- 14 **CDIT has the right to do minor modification or exclude any items during execution of work if not found essential or aesthetically suitable or useful for the project.**
- 15 **In case any items which are not included in the BOQ and found it necessary during the execution/integration of work, shall be used by the bidder with prior approval from CDIT in writing.**
- 16 **C-DIT reserves the right to assign any agency identified through this tender to undertake work in any district if deemed urgent, on a case-by-case basis.**
- 17 **Supply/Integration:** Items are to be supplied at respective locations specified in the Work order. The rate should be quoted by including all the costs and expenses for delivery based on the supply at site. No other amount will be paid extra by CDIT.

- 18 **The Work Order will be placed on demand basis during the period of contract as and when there is a requirement from the client.**
- 19 **After placement of running contract, formal work orders will be placed for the integration work to the bidder as and when required, and reserve right to issue work order for any quantity of items in the rate/running contract and payment shall be made against the work order.**
- 20 If the quality of supply and performance of the Integrator is not satisfactory, C-DIT has the right to cancel the order and blacklist the supplier from placing further orders. Similarly in the event of inordinate delay in executing the order, C-DIT has the right to cancel the orders and liquidated damages @ 0.5% per day of the delay of delayed work/ value shall be imposed and deducted from the bills subject to a maximum of 10% of the total order value.
- 21 Any supply order received from C-DIT should not be sub-let to others as sub contract without prior approval obtained from C-DIT in writing.
- 22 The tenders shall invariably be accompanied by manufacturers catalogues and leaflets giving full technical specifications.
- 23 The Authority will determine whether the Financial Proposals are complete, unqualified and unconditional. The cost indicated in the Financial Proposal shall be deemed as final and reflecting the total cost of services. Omissions, if any, in costing any item shall not entitle the bidder to be compensated and the liability to fulfill its obligations as per the Scope of Work within the total quoted price shall be that of the bidder.
- 24 Financial quote of L1 among the technically qualified ones will be selected.
- 25 During the warranty period, the bidder shall be fully responsible for ensuring the OEM warranty of the items supplied including equipment supplied by C-DIT. The successful bidder shall be responsible to provide warranty support for the entire work. Manufacturer's warranty support in respect of the items supplied, quality and workmanship of all the equipment, accessories, and the total project etc.

- 26 A tender fee of Rs. 1500/- and an EMD of Rs.5,000/- shall be remitted online through e-tender portal.
- 27 The bidders, those who claim Bid Security/EMD Exemptions should furnish the Bid Security Declaration form on a stamp paper worth ₹ 200/-, in the format attached as 'Annexure V', and should upload along with the tender. The original/hard copy shall be sent by registered post addressed to The Registrar, C-DIT, Chithranjali Hills, Thiruvallam, Thiruvananthapuram- 695027. The bids which are not accompanied with the Bid Security Declaration form, shall be considered in complete and rejected summarily without any further intimation.
- 28 **Delivery:** Delivery and installation period shall be specifically indicated in the tender and strictly adhered to. If no delivery period is stated in the tender it will be taken for granted that the supply and installation will be arranged within twenty days (20) days on receipt of the firm order. Any extension in the delivery/installation period after the supply order is placed may result in cancellation of the supply order. In case the Bidder became unable to supply within the time limit prescribed by C-DIT, the supply order is likely to be cancelled and items will be arranged by C-DIT from elsewhere and the earnest money deposited along with security deposit collected from the bidder will be forfeited.
- 29 Any dispute / differences between the parties arising out of and in connection with the contract shall be settled amicably by mutual negotiations. Unresolved disputes/ differences, if any, shall be settled by Arbitration and the arbitration proceedings shall be conducted at Thiruvananthapuram (India) in English language, under the Indian Arbitration and Conciliation (Amendment) Act, 2015. Unsettled disputes will be referred to courts and courts in Thiruvananthapuram/ Kerala will have exclusive jurisdiction over the same.
- 30 Performance Bank Guarantee (PBG)/Security Deposit: The Bidder, in the event of an order, should furnish a bank Guarantee from an Indian Nationalized Bank at no extra cost in a Performa prescribed by C-DIT for an amount equivalent to 5% (Five percent)

of the value of the contract. The PBG shall be valid for period of 36 months from the date of commissioning of the work at C-DIT.

28. PAYMENT TERMS:

Full payment within 15-30 days' time after successful commissioning of the work at the respective location site as per the work order and after proper verification by C-DIT and submission of invoice (after deducting statutory taxes, levies etc).

29. WARRANTY

- a) The bidder shall provide **onsite three-year comprehensive warranty** for the Items supplied including the work executed for setting up of the system from the date of supply and installation.
- b) Service support personnel should be available at any time on demand and the response time will be 24 hours including holidays and rectification time 48 hrs from the time of reporting.
- c) The Telephone Number and address of the designated persons should be submitted for reporting faults during the warranty period.

30. Agreement: The Successful bidder within 7 days of getting confirmed work order has to enter an agreement with C-DIT in Rs.200 worth non judicial stamp paper, to ensure work standards, quality of materials used and warranty of the products installed.

31. Contract period: Initially for one year, extendable up to two years, on mutual consent, subject to satisfactory performance of the firm during the contract period. **Supplier/ Contractor shall responsible for the Supply and Installation of Passive components and Integration of CCTV Surveillance System works at the approved rates during the period of the contract.**

32. Firm & fixed: Rates should be quoted on a firm and fixed price basis and shall be valid throughout the period of running contract. Request for Rate enhancement of contracted rates shall not be considered under normal circumstances. However, in exceptional cases, if C-DIT is convinced of any compelling need for enhancement of rates, it may do so. It may be noted that no compromise on quality would be made

and no firm will be permitted to change the specifications mentioned in the tender notice and if any firm submits the bids with changed specification, their bids will be rejected without notice.

- 33. Requirement:** The requirement mentioned in **ANNEXURES III** is only tentative.
- 34. Authority:** The authority for the acceptance of the tender's rests exclusively with the C-DIT.
- 35.** At any time prior to the deadline for submission of tenders, the C-DIT may, for any reason deemed fit by it, modify/amend the tender documents by issuing suitable amendment(s)/ corrigendum's to it. Corrigendum to this tender shall be published in the site www.cdit.org. Prospective bidders are advised to regularly visit the website: www.cdit.org to keep track of corrigendum, if any.

36. In case of doubt:

If the bidder has any doubt on technical specifications or on terms & conditions stipulated above, please contact Shri. Vinod. N, HoD(Surveillance Dept) @. 9895788233

- **The Last date for submission of bid** : 07.11.2025 on 03.00 PM
- **The bid-opening** : 07.11.2025 on 03.30 PM

Sd/

REGISTRAR, C-DIT

Dated 01.11.2025

DOCUMENTS TO BE SUBMITTED

The e-tender comprises of two parts: Part 1: Technical bid and Part 2: Financial bid.

The Technical Bid shall comprise of all forms and documents listed below. Incomplete tender form shall be summarily rejected.

- a. Tender Document- Signed and sealed in all pages.
- b. Covering letter
- c. FORM A - Agency Details
- d. FORM B- Technical Infrastructure
- e. FORM C -Financial Information.
- f. Form D-Details of all works of similar nature completed during the last Five years ending the last day of March 2025 along with Copy of Work orders.
- g. Copy of Company Registration Certificate/ Certificate of incorporation etc.
- h. Copy of the PAN.
- i. Copy of GST Registration.

COVERING LETTER

(This letter to be submitted on the official letter head of the bidder, signed by the authorised signatory.)

Letter No:.....

date:

To

The Registrar,

Centre for Development of Imaging Technology (C-DIT)

Thiruvallom (PO), Thiruvananthapuram.

Kerala- 695027

Sub: Open Tender- Empanelment of agencies for undertaking Supply of active/passive items and Integration of CCTV Surveillance System.

Ref: Tender No published by C-DIT

Sir,

I/We hereby submit our application for undertaking the Supply and Integration, Commissioning and warranty support of CCTV Surveillance system projects undertaken by C-DIT for various departments across Kerala as per the annexed terms and conditions of this empanelment document. We confirm that we meet the technical criteria laid out in the tender document. We also confirm that the quoted rates shall remain valid for a period of one year w.e.f date of execution of agreement.

Yours faithfully,

Signature

Place:

Name Designation

Date:

(Office Seal)

FORM A– Agency Details
(To be filled in by the agency)

1	Name of the Agency	
2	Category Applied	Supply of passive items, Installation, Commissioning and Warranty support of CCTV Surveillance Solutions
3	Address of the Registered Office (Copy of the Registration Certificate shall be uploaded)	
4	Date of Incorporation	
5	PAN No	
6	GST Registration No	
7	Name and Address of Office in Kerala	
8	Contact Details Name Designation Mobile Land Phone Email	
9	Preferred Districts	
10	Name and Designation of the authorised signatory	

Documentary evidence for the bid qualification requirements is submitted along with this document and the details furnished above are true and correct.

Signature of authorised signatory
Name
Designation

Date: (office seal)

FORM B- TECHNICAL INFRASTRUCTURE
(To be filled in by the agency)

1	Name of the Agency	
2	Number of Service Centres in Kerala. (Attach the District/ Address/ Contact Number/Contact Person/ Number of technical staff in each offices for CCTV project implementation)	

Documentary evidence for the bid qualification requirements is submitted along with this document and the details furnished above are true and correct.

Signature of authorised signatory
Name
Designation

Date:

(office seal)

FORM C– FINANCIAL INFORMATION

Financial Analysis - Details to be furnished duly supported by figures in balance sheet/profit & loss account for the last one/three years, as submitted by the applicant to the Income Tax Department (Copies to be attached).

Financial Year	Income	Expenditure	Profit/Loss	Remarks
2021-2022				
2022-2023				
2023-2024				

i. Gross Annual turnover:

ii. Profit /Loss:

Signature of Authorized Signatory

Annexure-I

LIST OF ACTIVE COMPONENTS SUPPLIED BY CDIT

Sl.No	Item
1	2MP IP Fixed dome/bullet camera
2	2MP IP Varifocal Camera
3	2MP IP Fixed dome camera (SD card supported)
4	2MP PTZ Camera
5	4MP PTZ Camera
6	5MP PTZ Camera
7	4MP IP Fixed Dome/Bullet camera (Basic)
8	4MP IP Fixed Bullet camera (Memory card supported).
9	4MP IP Varifocal Bullet camera.
10	4MP IP ANPR Camera
11	8MP IP Fixed Bullet camera
12	8MP IP Varifocal Bullet Camera.
13	5MP HD Analog camera
14	4 Channel NVR (80 Mbps)
15	8 Channel NVR (80 Mbps)
16	16 channel NVR (160Mbps)
17	32 channel NVR (256Mbps)
18	8 Channel AI Network Video Recorder
19	16 Channel AI Network Video Recorder
20	32 Channel AI Network Video Recorder
21	64 Channel AI Network Video Recorder
22	4 Channel DVR

23	8 Channel DVR
24	16 channel DVR
25	4-PORT POE Switch
26	8-PORT POE Switch
27	16-PORT POE Switch
28	24-PORT POE Switch
29	8channel SMPS for CCTV Power Supply Adapter.
30	24-inch Full HD LED Monitor
31	32-inch HD Professional LED TV
32	43-inch 4K Professional LED TV
33	55-inch 4K Professional LED TV
34	2TB/ 4TB/ 8TB Surveillance HDD
35	1kVA UPS with in-built battery (1kVA/40Wh Battery bank)
36	1kVA UPS with external battery (1kVA/168Wh Battery bank)
37	2kVA UPS with external battery (2kVA/960Wh Battery bank)

Annexure-II

List of Passive Components/Integration work

Sl No	Work Specification
1.	Rate for Supply and installation of CAT 6 UTP Cables with Conduits including cost of UTP Cables, Conduits and all required accessories with overlay
2.	Rate for Supply and installation of CAT 6 UTP Cables with Conduits including cost of UTP Cables, Conduits and all required accessories with trenching (50 cm depth)
3.	Rate for Supply and installation of CAT 6 STP Cables with Conduits including cost of STP Cables, Conduits (HDPE pipe) and all required accessories with overlay
4.	Rate for Supply and installation of CAT 6 STP Cables with Conduits including cost of STP Cables, Conduits (HDPE pipe) and all required accessories with trenching (50 cm depth)
5.	Rate for Supply and installation of OFC Cables with Conduits including cost of OFC, stay wire, all required accessories with overlay
6.	Rate for Supply and installation of OFC Cables with Conduits including cost of OFC, Conduits, including 50 cm depth trenching and filling with all required accessories
7.	Indoor Rate for installation of CCTV Camera in buildings including Cost of Camera Back box, Crimping charges etc.
8.	Outdoor Rate for installation of CCTV Camera in buildings including Cost of Camera Back box, Crimping charges etc.
9.	Pipe Fittings
10.	2 U Rack with PDU and installation with sufficient accessories
11.	4 U Rack with PDU and installation with sufficient accessories
12.	6 URack with PDU and installation with sufficient accessories
13.	9 URack with PDU and installation with sufficient accessories

14.	17 URack with PDU and installation with sufficient accessories
15.	Electrical Wiring including Conduits, Wires as PWD Standard
16.	Wireless Mouse
17.	Metal Lock Outdoor Waterproof CCTV Camera HOUSING for Bullet Camera, Material: Aluminum Alloy + ABS (6 INCH) Suitable for 3.6 MM Bullet Camera (*Without Bracket)
18.	3" c Class ISI GI Pipe with 5-meter length with suitable cabin for the installation of power distribution boxes (if required)
19.	Solar Panel & Lithium Battery -220 Watts/12 Volt solar panel, Lithium battery Charge controller suitable for Lithium battery Charging. Camera controller have High voltage protection with constant voltage and current output for cameras. Highly efficient 12Volt/120 AH Lithium Battery (A grade cell preferred) .GI enclosure for fixing Battery, Charge controller, Router, NVR and other camera accessories, GI enclosure have whether proof, water proof and door lock. GI enclosure should fix 1- or 1.5-Meter bellow the solar panel.
20.	Media Converter Mega 10/100
21.	Media Converter Giga 10/100/1000
22.	Outdoor Rack (PVC) POE box
23.	Outdoor Rack (Metal) (battery, switch, controller)
24.	Camera PVC Box

ANNEXURE –III

ANTICIPATED QUANTITY OF PASSIVE COMPONENTS/INTEGRATION WORK IN EACH DISTRICT

Sl.No	Item	Quantity
1.	CAT6 Cable- LSZH	10,000 Mtrs
2.	STP Cables	10.000 Mtrs
3.	6 Core OFC	2500 Mtrs
4.	PVC Conduits	1000 Mtrs
5.	HDPE Pipe	1000 Mtrs
6.	2U Rack with PDU	20 Nos
7.	4U Rack with PDU	30 Nos
8.	6U Rack with PDU	15 Nos
9.	9U Rack with PDU	8Nos
10.	17U Rack with PDU	5Nos
11.	Electrical Wiring including Conduits, Wires as PWD Standard	1500Mtrs
12.	Wireless Mouse	07 Nos
13.	Metal Lock Outdoor Waterproof CCTV Camera HOUSING for Bullet Camera, Material: Aluminum Alloy + ABS (6 INCH) Suitable for 3.6 MM Bullet Camera (*Without Bracket)	15 Nos
14.	3" C Class GI Pipe with 5 meter length with suitable cabin for the installation of power distribution boxes (if required)	30 Nos
15.	Solar Panel & Lithium Battery -220 Watts/12 Volt solar panel, Lithium battery Charge controller suitable for Lithium battery Charging. Camera controller have High voltage protection with constant voltage and current output for camera . Highly efficient 12Volt/120 AH Lithium Battery (A grade cell preferred) .GI enclosure for fixing Battery, Charge controller, Router ,NVR and other camera accessories, GI enclosure have	5 Nos

	whether proof ,water proof and door lock. GI enclosure should fix 1 or 1.5 Meter bellow the solar panel.	
16.	Media Converter Giga (10/100/1000)	15 Nos
17.	Outdoor Rack (PVC) POE box	50 Nos
18.	Outdoor Rack (Metal) (battery, switch, controller)	40 Nos
19.	Camera PVC Box	60 Nos

ANNEXURE-IV

TECHNICAL SPECIFICATIONS OF PASSIVE COMPONENTS

SI No	Items	Specification
1.	CAT6 Cable- LSZH	<p>Category : 6 UTP Solid cable LSZH Conductor : 23 AWG (Solid) Conductor Meta : Bare Copper Insulation Material : HD-PE Pairs :2 Insulated conductors twisted together Sheath : LSZH Cable Diameter : 6.1 mm nominal Certification: UL,ETL Make:Honeywell,3C3,Panduit, Simon, Systimax</p>
2.	STP Cables	<p>CAT6 Single Shielded Foiled Twisted Pair ,FA Network Standard Conductor Size -<u>AWG24 (0.20sq)</u> Length (m)-<u>100 or More</u> CAT6 / STP Overall Length (m) 304 Certification: UL,ETL Make:Honeywell,3C3,Panduit, Simon, Systimax</p>
3.	6 Core OFC	<p>Single mode fiber 2 FRP+YARN , diameter 5.8 mm , length 1000m 16 gauge stay and binding wire for overhead works. Certification: UL,ETL Make:Honeywell,3C3,Panduit, Simon, Systimax</p>
4.	PVC Conduits	<p>PVC outer jacket for a CAT6 UTP/STP cable can have an outer diameter of 6.2 mm (ivory/white) ,ISI mark Make : Espee, Balco ,Precision, Trigger</p>
5.	HDPE Pipe	<p>Density of 961 kg/m³.Tensile strength of 4,000 psi. Make : MRV .Precision. Trigger</p>
6.	Pipe Fittings	<p>As per PWD standard</p>

7.	2 U Rack with PDU	Wall mount,3.5" x 19" x 18", 20 kg,Lockable door, cable management, ventilation. Make: Netrack, GTX, CP PLUS, Teltronix, Rackspace
8.	4U Rack with PDU	Wall mount,7" x 19" x 24", 30 kg,Lockable door, cable management, ventilation. Make: Netrack, GTX, CP PLUS, Teltronix, Rittal
9.	6 URack with PDU	Wall mount,10.5" x 19" x24", 40 kg,Lockable door, cable management, ventilation.550 depth Make: Netrack, GTX, CP PLUS, Teltronix, Rittal
10.	9 URack with PDU	Wall mount,15.75" x 19" x24", 30 kg, Lockable door, cable management, ventilation.600 depth Make: Netrack, GTX, CP PLUS, Teltronix, Rittal
11.	17URack with PDU	Wall mount,15.75" x 19" x24", 30 kg, Lockable door, cable management, ventilation. 800 depth Make: Netrack, GTX, CP PLUS, Teltronix, Rittal
12.	Electrical Wiring including Conduits, Wires as PWD Standard	Using 1.5 sqmm 3 core ISI FRLS cable Make: RR Kabel, Havells, Finolex, Polycab
13.	Wireless Mouse	Wireless Technology. Advanced 2.4GHz Operating Distance · 32 ft (10 m) Make: Logitech, Dell, Acer
14.	Metal Lock Outdoor Waterproof CCTV Camera HOUSING for Bullet Camera, Material: Aluminum Alloy + ABS (6 INCH) Suitable for 3.6 MM Bullet Camera (*Without Bracket)	Reputed make
15.	3" c Class GI Pipe with 5-meter length with suitable cabin for the installation of power distribution boxes (if required)	Pole size 75mm GI pipe C class, ISI standard ,6 m height fixed in RCC 1:1.5:3 mix 45 cm*45cm*100cm depth, Mount bracket for camera fixing. Make: Tata, Apollo, JSW, Jindal
16.	Solar Panel & Lithium Battery -220 Watts/12 Volt solar panel, Lithium battery	

	<p>Charge controller suitable for Lithium battery Charging. Camera controller have High voltage protection with constant voltage and current output for camera . Highly efficient 12Volt/120 AH Lithium Battery (A grade cell preferred) .GI enclosure for fixing Battery, Charge controller, Router ,NVR and other camera accessories, GI enclosure have whether proof ,water proof and door lock. GI enclosure should fix 1 or 1.5 Meter bellow the solar panel.</p>	
17.	Media Converter Giga (10/100/1000)	<p>1 pair built-in Single-mode Fiber Module 20 km (12.42 miles) with dual SC ports and extend Gigabit or Fast Ethernet Network up to 20 km .splicing and patch cord with box. Auto negotiation function allows UTP port to 10/100/1000M and Full&Half-Duplex mode supported. Make- Syrotech, Netgear,TP LINK</p>
18.	Outdoor Rack (PVC/SMC) POE box	<p>Water ,shock and dust proof, sufficient lock and PDU suitable for all accessories ,storage in pole for switch, modem , media converter and UPS</p>
19.	Outdoor Rack (Metal) (battery, switch, controller)	<p>6U depth, Powder coated body water and weather proof with sufficient pole mounting accessories ,lock and vent .</p>
20.	Camera PVC Box	<p>Standard PVC box</p>
21.	IR Illuminator	<p>12V, 850nm, 6 LEDs 130 Feet 45 Degree Wide Angle IR Illuminator for Night Vision,Waterproof.</p>

ANNEXURE-V

BID SECURING DECLARATION

Documents relating to Bid Security

(To be submitted as part of Proposal, along with supporting documents like UDYAM Registration Certificate)

A Bid Securing Declaration in lieu of bid security in the following format; Bidders exempted from submission of bid security must submit this declaration

Bidder's Firm Name _____

(Address and contact details)

Bidder's Reference No _____ Date _____

PAN No. _____ GST No. _____ Udyam Reg. No _____

To

The Registrar

Centre for Development of Imaging Technology(C-DIT)

Chithranjali Hills, Thiruvallam

Thiruvananthapuram- 695027

Tender Ref; No: _____

Tender Title: Proposal for providing _____

Sir/Madam

We, the undersigned, solemnly declare that:

We understand that according to the conditions of this Tender Document, the Proposal must be supported by a Bid Securing Declaration In lieu of Bid Security.

We unconditionally accept the conditions of this Bid Securing Declaration. We understand that we shall stand automatically suspended from being eligible for bidding in any tender of C-DIT for 2 years from the date of opening of this Proposal if we breach out obligation(s) under the Tender conditions if we:

1. Withdraw/ amend/ impair/ derogate, in any respect, from our proposal, within the validity of proposal; or
2. being notified within the validity of Proposal of the acceptance of our proposal by the C-DIT
 - a) refused to or failed to produce the original documents for scrutiny or the required performance security within the stipulated time under the conditions of the Tender Document
 - b) Fail or refuse to accept the Vendor Selection Letter
 - c) Fail to effect the supply/ installations/ services or works as per the supply order/ purchase order/ work order with in the time scheduled and as per the specification therein in accordance with the RFB/ Bid/ Tender Notification and our proposal/ offer.

We know that the Bid Securing Declaration shall expire if we are not selected as Vendor for providing..... (name of work) upon:

1. receipt by us of your notification:
 - a) of Cancellation of the entire RFP process or Rejection of all Proposals or
 - b) of the name of the successful bidder.
2. Sixty days after the expiration of the Validity of Proposal or any subsequent extension to it.

We understand that in case of failure from our end in completing the supply/ installation/ services or works to the satisfaction of C-DIT in accordance with the terms and conditions and rate and taxes agreed upon by us as per the tender and bid offer, C-DIT will be at the liability to get the supply/ installation / services/works completed by any other means at their sole discretion, and to recover the additional cost, expenses, including damages and interests thereon if any from the payments due to us by way of performance security, bid security or payments under any contract, or from the assets or properties belonging to us by way of revenue recovery or such measures at it deem fit.

Signature of bidder.....

Designation.....

Name.....

Duly authorized to sign the Tender

Date.....

Office Seal

Place.....

Note: The above declaration, duly signed and sealed by the authorized signatory of the entity on its letterhead, should be uploaded along with proposal.



CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY (C-DIT)

Chithranjali Hills, Thiruvallom, Thiruvananthapuram-27

Phone: 0471-2380910, 912

C-DIT/11/SSD/CCTV-INTEG/2025-26/T720

Dated 01.11.2025

COMMERCIAL BID FORM

NAME OF BIDDER:	
DISTRICT NAME:	

Sl. No.	Item Description	Quantity	Units	Unit Rate With GST
1	Rate for Supply and installation of CAT 6 UTP Cables with Conduits including cost of UTP Cables, Conduits and all required accessories with overlay	1.000	Nos	
2	Rate for Supply and installation of CAT 6 UTP Cables with Conduits including cost of UTP Cables, Conduits and all required accessories with trenching (50 cm depth)	1.000	Nos	
3	Rate for Supply and installation of CAT 6 STP Cables with Conduits including cost of STP Cables, Conduits (HDPE pipe) and all required accessories with overlay	1.000	Nos	
4	Rate for Supply and installation of CAT 6 STP Cables with Conduits including cost of STP Cables, Conduits (HDPE pipe) and all required accessories with trenching (50 cm depth)	1.000	Nos	
5	Rate for Supply and installation of OFC Cables with Conduits including cost of OFC, Stay wire, all required accessories with overlay	1.000	Nos	
6	Rate for Supply and installation of OFC Cables with Conduits including cost of OFC, Conduits, including 50 cm depth trenching and filling with all required accessories	1.000	Nos	
7	Indoor Rate for installation of CCTV Camera and configuration of NVR in buildings including Cost of Camera Back box, Crimping charges etc.	1.000	Nos	

8	Outdoor Rate for installation of CCTV Camera and configuration of NVR in buildings including Cost of Camera Back box, Crimping charges etc.	1.000	Nos	
9	Supply & installation of cable Pipe Fittings	1.000	Nos	
10	supply of 2 U Rack with PDU and installation with sufficient accessories	1.000	Nos	
11	supply of 4 U Rack with PDU and installation with sufficient accessories	1.000	Nos	
12	supply of 6 U Rack with PDU and installation with sufficient accessories	1.000	Nos	
13	supply of 9 U Rack with PDU and installation with sufficient accessories	1.000	Nos	
14	supply of 17 URack with PDU and installation with sufficient accessories	1.000	Nos	
15	Electrical Wiring including Conduits, Wires as PWD Standard	1.000	Mtrs	
16	Supply of Wireless Mouse	1.000	Mtrs	
17	Supply and Installatin of Metal Lock Outdoor Waterproof CCTV Camera HOUSING for Bullet Camera, Material: Aluminum Alloy + ABS (6 INCH) Suitable for 3.6 MM Bullet Camera (*Without Bracket)	1.000	Mtrs	
18	Supply and Installation of 3" C Class GI Pipe with 5 meter length with suitable cabin for the installation of power distribution boxes (if required) (As per Digram attached)	1.000	Mtrs	
19	Supply and Installation of Solar Panel & Lithium Battery -220 Watts/12 Volt solar panel, Lithium battery Charge controller suitable for Lithium battery Charging. Camera controller have High voltage protection with constant voltage and current output for camera . Highly efficient 12Volt/120 Ah Lithium Battery (A grade cell preferred) .GI enclosure for fixing Battery, Charge controller, Router ,NVR and other camera accessories, GI enclosure have whether proof ,water proof and door lock. GI enclosure should fix 1 or 1.5 Meter bellow the solar panel.	1.000	Mtrs	

20	Supply and splicing Media Converter Mega 10/100	1.000	Mtrs	
21	Supply and splicing Media Converter Giga 10/100/1000	1.000	Nos	
22	Supply and Fixing of Outdoor Rack (PVC) POE box	1.000	Nos	
23	Supply and Fixing of Outdoor 6U Rack (Metal) (battery, switch, controller) 600 depth	1	Mtrs	
24	Supply and Installation of Camera PVC Box	1	Nos	
25	Supply and Installation of Pole mount for CCTV Camera with metal tie	1	Nos	
TOTAL				

Note:

- *If the Bidder is willing to submit a price offer /rate in multiple districts, they should submit a separate BOQ to the respective district with the applicable unit rate. Evaluation will be based on district wise with the totality of the unit rate only.*
- *The Anticipated quantity is tentative*

Bidder Name:

Address:

Mobile No:

e-mail id:

Date :

Signature

Office Seal