



CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY (C-DIT)

Chithranjali Hills, Thiruvallom, Thiruvananthapuram-27

Phone: 0471-2380910, 912

No. C-DIT/10/SSD/CCTV-KGP/2026-27/T881

Dated 09.10 .2026

TENDER NOTICE

**SELECTION OF INTEGRATORS/CONTRACTORS FOR THE SUPPLY,
INSTALLATION, TESTING, COMMISSIONING, OPERATIONALIZING AND
MAINTENANCE OF IP-BASED CCTV SURVEILLANCE SECURITY SYSTEM**

Sealed tenders are invited for the **Selection of Integrators/Contractors for the Supply, Installation, Testing, Commissioning, Operationalizing and Maintenance of IP-based CCTV Surveillance Security System at Kunnamthanam Grama Panchayath, Pathanamthitta District.** The envelopes containing the tender should bear the superscription *“Tender for the Supply, Installation, Commissioning and Maintenance of CCTV Surveillance System- Kunnamthanam ”* 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 **22.10.2026, 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.cdit.org

Thiruvananthapuram

09.10.2026

SD/-

REGISTRAR



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TENDER TERMS

1. GENERAL TERMS AND CONDITIONS

- a) This Tender is invited for the **“Selection of Integrators/Contractors for the Supply, Installation, Testing, Commissioning, Operationalizing and Maintenance of IP-based CCTV Surveillance Security System at Kunnathanam Grama Panchayath, Pathanamthitta District”** for the projects undertaken by C-DIT.
- b) 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 must have a currently valid GST registration certificate and PAN number. **(Copy of document should be attached)**
- c) The firm shall have prior experience in supply installation and operationalizing of IP based CCTV Surveillance system and have successfully completed at least one (01) similar installation (CCTV project) costing each not less than an aggregate amount ₹ 3 Lakh. **(Copy of document should be attached).**
- d) 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. SCOPE OF WORK

To identify integrators/ contractors for undertaking the work for the Installation, testing, commissioning, Operationalizing and maintenance of IP-based CCTV Surveillance Security System at various locations at Kunnamthanam Grama Panchayath, Pathanamthitta District.

4. SPECIAL CONDITIONS FOR THIS TENDER

1. It is mandatory for the bidder to deploy qualified professionals to install, commission & maintain the equipment as defined under scope of work.
2. The successful bidder shall provide a warranty of 3 years for all active/passive items supplied. The warranty shall cover manufacturing defects, performance issues, and replacement of faulty components at no additional cost.
3. The bidder shall also provide a warranty of workmanship for all CCTV installation and commissioning work for a period of 3 years.
4. During the warranty period, the bidder shall ensure timely maintenance and support services, including preventive and corrective maintenance. If any item or service is found defective, the bidder shall repair or replace it without any additional charges.
5. The successful bidder shall install CCTV surveillance systems as per the specifications prescribed in the tender document and should install the cameras in the Kunnamthanam Grama Panchayath.
6. The bidder should submit the MAF - Manufacturer's Authorization Form for cameras.
7. **The offered CCTV cameras must be: STQC approved by Standardisation Testing and Quality Certification (MeitY, Govt. of India) and approved by Govt. of India.**
8. Technical and other details of the items offered along with make & model and complete specification should also be mentioned along with the submission of the tender.
9. The tenders shall invariably be accompanied by manufacturers catalogues and leaflets giving full technical specifications
10. Bidder should not quote discontinued Brands or Models for which OEM support is not available.
11. The successful bidder shall supply all equipment/ materials required to execute the work in the respective site as per the Bill of Material quoted.

12. All the Cameras have to be cabled by UTP CAT-6 Cable in the Buildings and connected to PoE Switch using structured cabling for the LAN. Proper conduit as per the specification should be provided.
13. The bidder shall set up a Monitoring facility at the office, Kunnamthanam Grama Panchayath.
14. The bidder shall do all civil and electrical works for the setting up of the CCTV solution.
15. The bidder is responsible to perform the highest quality of workmanship, including ensuring aesthetics while executing this project. The bidder should ensure that the cables and equipment are placed with proper routing by keeping the aesthetics of the site environment intact.
16. The Camera Video feeds have to be transmitted 24X7 and able to view in the Monitor provided by the bidder and also through Mobile/ Tab if required.
17. The CCTV system installation includes the installation of indoor and outdoor cameras for proper surveillance coverage at each location.
18. The technical specifications mentioned in this document are the minimum suggestive specifications. The vendor not meeting these minimum suggestive technical specifications are liable to be rejected.
19. **The bidder should survey and evaluate the site conditions, if necessary, before submitting offers and are responsible to supply and install the surveillance system including all necessary cabling, conduits, wiring and other related accessories.**
20. The bidder shall ensure three years comprehensive warranty as per this document to all equipment, parts supplied including all works associated with the project from the date of successful User Acceptance Test.
21. Successful bidder should provide training to the team identified by the user for operation of the CCTV System and handhold on job.
22. The bidder shall handover all software products license keys/ passwords/ software/ installation files including user manual and all necessary documentation to C-DIT.

5. PROPOSED LOCATIONS AND SOLUTIONS

- a) The locations as suggested by the Grama panchayath.
- b) The Monitoring centre will be setup at Grama Panchayath Office Kunnamthanam, Pathanamthitta.
- c) An NVR with Surveillance HDD – in a 4 U rack will be inside the Grama Panchayath Office and 32" HD Television will be installed at monitoring Centre.

6. LIST OF ACTIVE COMPONENTS

SI No	Item	Quantity
1	4 MP Varifocal IP Camera	12 Nos
2	16 Chl NVR	1 No
3	Surveillance HDD 8TB	2 Nos
4	4 PORT POE Switch	6 Nos
5	32" HD LED TV	1 No
6	Memory Card (128GB)	12 Nos

7. LIST OF PASSIVE COMPONENTS

SI No	Item	Quantity
1	3" c Class GI Pipe with 5 meter length	6 Nos
2	Outdoor Rack (PVC) POE box	6 Nos
3	4 U Rack with PDU	1 No
4	Wireless Mouse	1 No
5	UTP Cable & Conduits	150 Mtr
6	Other Electrical accessories	50 mtr

8. TECHNICAL SPECIFICATIONS OF ACTIVE COMPONENTS

1. 4MP IP Varifocal camera

SI No	Parameters	Specification
1	Image Sensor	1/2.7" or higher 2MP PS CMOS Image Sensor
2	Lens	2.7 -13.5 mm motorized
3	IR	60m or better
4	WDR	120dB
5	Video Compression	H.265/ H.264+/H.264/ H.264B/ MJPEG or higher
6	Interoperability standard	ONVIF
7	Starlight Technology	Enabled
8	Micro SD card	512 GB or higher
9	Protection Grade	IP67
10	Certification	STQC, BIS, CE, FCC
11	OEM Warranty	3 Year

2. 16 channel NVR (160 Mbps)

SI No	Parameters	Specification
1	IP Camera Input	16 channels
2	Video Output	1-channel VGA, 1-channel HDMI simultaneous video output.
3	Compression	H.265; H.265+; H.264+; H.264; MJPEG or
4	Encode strategy	Instastream
5	Hard Disk	2 SATA III ports, up to 10 TB for a single HDD.

6	Resolution	12MP/8 MP/5 MP/4 MP/3MP/ 1080p/720p/D1/CIF/QCIF
7	Network Bandwidth	AI disabled:160 Mbps for incoming, 160 Mbps for recording and 80Mbps for outgoing.
8	Certification	BIS, CE, FCC, STQC Compatible
9	Interoperability standard	ONVIF
10	OEM Warranty	3 Year onsite OEM
11	Preferred brand	CP PLUS

3. Surveillance HDD 8TB

SI No.	Parameters	Specification
1.	Form Factor	3.5inch
2.	Capacity	8TB
3.	Recording Technology	CMR
4.	Cache (MB)	64/256 /128-256 or higher
5.	Spindle Speed (RPM)	~5400-7200 or higher
6.	Interface	SATA 6Gb/s
7.	OEM Warranty	3 Year onsite
8.	Preferred brand	WD purple/Seagate Skyhawk

4-PORT POE Switch

SI No.	Parameters	Specification
1.	Port	6
2.	PoE Ports	4, 1000Mbps; RJ45 ports; Max. 30W Output of Single PoE Port Transmission distance:0~100m

3.	Uplink Ports	2, 1000Mbps; RJ45 ports; Transmission Distance:
4.	PoE Standard	IEEE802.3af, IEEE802.3at
5.	Transmission Distance	0-100m/100 Mbps
6.	Switch Capacity	12 Gbps Full duplex
7.	Warranty	3Year onsite
8.	Preferred Brand	CP Plus/Netgear/Cisco

5. 32-inch HD Professional LED TV

SI No.	Parameters	Specification
1.	Item	Professional LED TV
2.	Size	32"
3.	Resolution Standard	HD Ready (720p)
4.	Inputs	HDMI x 2, RF Input x 1, USB x 1, RJ45 x 1
5.	HDR Compatibility	HDR.HDR10 Pro/HDR HLG
6.	HDMI Cord	1 no's of 5-meter/10-meter HDMI Cable with sufficient conduit. High Speed 10.2Gbps, CL3 Rated, Supports 4K 30Hz, Ultra HD, 3D, 1080p, (Preferred brand:
7.	No. of USB	1
8.	No. of speakers	2
9.	WiFi	available
10.	Mounting accessories	With sufficient wall mounting accessories suitable for site installation
11.	Working hours	16 ×7 or higher

12.	BEE star rating	2 star or higher
13.	Warranty	3 years onsite OEM
14.	Preferred brand	Samsung/LG/Sony/Panasonic

6. Memory Card (128 GB)

SI No.	Parameters	Specification
1.	Capacity	128 GB
2.	Card type	Micro SDXC
3.	Read speed	70 MB/s to 100 MB/s
4.	Write speed	Minimum 30MB/s
5.	Warranty	3 years
6.	Approved brand	CP Plus/Samsung/SanDisk

9. TECHNICAL SPECIFICATIONS OF PASSIVE COMPONENTS

SI No	Items	Specification
1.	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
2.	Outdoor Rack (PVC/SMC) POE box	Water, shock and dust proof, sufficient lock and PDU suitable for all accessories, storage in pole for switch, modem, media converter and UPS

3.	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
4.	Wireless Mouse	Wireless Technology. Advanced 2.4GHz Operating Distance -32 ft (10 m) Make: Logitech, Dell, Acer
5.	CAT6 UTP Cable	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.
6.	PVC Conduits	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
7.	Pipe Fittings	As per PWD standard
8.	HDMI cable (5 mtrs)	5-meter HDMI Cable with sufficient conduit. High Speed 10.2Gbps, CL3 Rated, Supports 4K 30Hz, Ultra HD, 3D, 1080p Make: Honeywell, Belkin, Aurum Cables
9.	Electrical Wiring including Conduits, Wires as PWD Standard	Using 1.5 sq mm 3 core ISI FRLS cable Make: RR Kabel, Havells, Finolex, Polycab.

10. OTHER TERMS & CONDITIONS

- 1 The bidders will be responsible for effecting supply to the entire satisfaction of the undersigned or his authorized representatives
- 2 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.
- 3 The undersigned does not bind himself to accept the lowest tender and reserve himself the rights of accepting the whole or any part of the tender and the bidder shall be bound to supply the accepted item at the rates quoted.
- 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 six 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/service 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 **Supply/Integration:** Items are to be supplied and installed at the 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.
- 17 **If the quality of supply/Installation/Service performance of the Integrator is not satisfactory, C-DIT has the right to cancel the order and blacklist the supplier from placing further orders. The EMD shall also be forfeited. 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.**
- 18 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.
- 19 Financial quote of L1 among the technically qualified ones will be selected.
- 20 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 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.

- 21 A tender fee of Rs. 1500/- and an EMD of Rs.5,000/- shall be remitted as Demand draft (from any Nationalised/scheduled bank) drawn in favour of "The Registrar, C-DIT" payable at Thiruvananthapuram.**
- 22 No Exemption for MSME's.**
- 23** 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.
- 24 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 against 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. Authority:** The authority for the acceptance of the tender's rests exclusively with the C-DIT.
- 32.** 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.
- 33. 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** : **22.10.2026 on 03.00 PM**
 - **The bid-opening** : **22.10.2026 on 03.30 PM**

Sd/

REGISTRAR, C-DIT

Dated 09.10.2026



CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY (C-DIT)

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Phone: 0471-2380910, 912

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COMMERCIAL BID FORM

NAME OF THE BIDDER:	
QUOTATION NO. & DATE	

SI No	Item	Quantity	Unit Rate (Incl. GST)	Amount (Incl. GST)
1	Supply and Installation of 4MP Varifocal IP Camera (As per tender Specification)	12 Nos		
2	Supply and Installation of 16 Channel NVR (As per tender Specification)	1 Nos		
3	Supply and Installation of Surveillance HDD 8TB (As per tender Specification)	2 Nos		
4	Supply and Installation of 4 Port PoE Switch (As per tender Specification)	6 Nos		
5	Supply and Installation of 32" HD Professional LED TV (As per tender Specification)	1 Nos		

6	Supply and Installation of Memory Card 128GB (As per tender Specification)	12 Nos		
7	Supply and Installation of 3" c Class GI Pipe with 5-meter length (As per tender Specification)	6 Nos		
8	Supply and installation of Outdoor Rack (PVC) POE box (As per tender Specification)	6 Nos		
9	Supply and installation of 4 U Rack with PDU (As per tender Specification)	1 Nos		
10	Supply and installation of Wireless Mouse (As per tender Specification)	1 Nos		
11	Supply and laying of UTP Cable with Conduits (As per tender Specification)	150 Mtrs		
12	HDMI cable (5 Mtr)	1 Nos		
13	Electrical Wiring including Conduits, Wires as PWD Standard	50 Mtrs		
	TOTAL			

Bidder Name:

Address:

Mobile No:

e-mail id:

Date :

Signature

Office Seal