CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY (C-DIT)

Chitranjali Hills, Thiruvallam, Thiruvananthapuram-27

Phone: 0471-2380910, 912

No. C-DIT/10/CCTV-Eranholi /2026-27/T887 Date: 26.10.2026

TENDER NOTICE

SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF ADDITIONAL CCTV CAMERAS AND ASSOCIATED ITEMS AND FOR INTEGRATING THE SAME WITH THE EXISTING IP-BASED CCTV SURVEILLANCE SYSTEM AT ERANHOLI GRAMA PANCHAYATH, KANNUR DISTRICT

Sealed tenders are invited for the Supply, installation, testing and commissioning of additional cctv cameras and associated items and for integrating the same with the existing ip-based cctv surveillance system at Eranholi Grama Panchayath, Kannur District. The envelopes containing the tender should bear the superscription *"Tender for the* ***Supply, installation, testing, commissioning and maintenance of CCTV Surveillance Security System at*** **Eranholi Grama Panchayath** *" and* should be addressed to The Registrar, Centre for Development of Imaging Technology (C-DIT), Chithranjali Hills, Thiruvallam, Thiruvanathapuram 695027. Intending tenderers may submit the tenders on their own papers by post/hand. Last date for receipt of tenders is **05.11.2026, 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 SD/-

26.10.2026 REGISTRAR

CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY (C-DIT)

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Phone: 0471-2380910, 912

No. C-DIT/10/CCTV-Eranholi /2026-27/T887 Date:26.10.2026

TENDER TERMS

SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF ADDITIONAL CCTV CAMERAS AND ASSOCIATED ITEMS AND FOR INTEGRATING THE SAME WITH THE EXISTING IP-BASED CCTV SURVEILLANCE SYSTEM AT ERANHOLI GRAMA PANCHAYATH, KANNUR DISTRICT

1. GENERAL TERMS AND CONDITIONS

a) This Tender is invited **for the supply, installation, testing and commissioning of additional CCTV cameras and associated items and for integrating the same with the existing IP-based CCTV Surveillance System at Eranholi Grama Panchayath, Kannur District** one of the projects undertaken by C-DIT.

b) C-DIT reserves the right to cancel any or all tenders without assigning any reason whatsoever.

c) The intending tenderer can visit the office location during office hours before submitting the tender.

2. ELIGIBILITY CRITERIA OF BIDDER

a) Bidder should be a registered company or registered business firm as per Indian Law, doing similar business.

b) The bidder should have a registered office in Kerala (Documentary Evidence should be attached) and a well-equipped authorized service Centre.

c) Bidders should have valid GST registration.

d) Bidders should have PAN allotted to him by IT Department.

e) Bidder shall not be blacklisted by any of the department/organizations of the Govt. of India/State Govt/PSUs. (The **bidder shall submit a self-declaration on the bidder's letterhead.)**

f) To qualify for award of the work, the intending tenderer must have an experience in successfully completed at least three orders of similar nature having contract value not less than 1 lakh each during last 2 years. **(Documents should be attached)**

3. SCOPE OF WORK

To identify suitable system integrators/contractors for the supply, installation, testing and commissioning of additional CCTV cameras and associated items and for integrating the same with the existing IP-based CCTV Surveillance System at Eranholi Grama Panchayath, Kannur District.

4. SPECIAL CONDITIONS FOR THIS WORK

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 during the warranty period, 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 Eranholi 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 in 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 or 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, Eranholi Grama Panchyath.
14. The bidder shall do all civil and electrical works for 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 of cables 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. 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/ softwares/ installation files including user manual and all necessary documentation to C-DIT.

5. Proposed Locations and Solutions

The following locations were identified with the approval of the Grama Panchayat for the installation of CCTV Camera

The Monitoring centre will be setup at Grama Panchayat Office.

1. Chakkakkunnu

- Two 4MP Varifocal IP Bullet camera will be installed to cover both side of the Road in a newly in-stalled GI Pole.
- One Four port PoE switch will be installed to distribute the internet connection.
- The electrical power/KSEB requirement will be provided by the Grama Panchayat.
- Grama panchayat will provide Internet connectivity of minimum 100 Mbps bandwidth with static IP

2. In front of KUMA Sports Centre

- Two 4 MP Varifocal IP Bullet camera will be installed to cover both side of the Road in a newly installed GI Pole.
- A 4 MP Varifocal IP Bullet camera will be installed 150meter away from the current location in a newly installed GI Pole (Near nakshatra Furniture Shop).
- One Four port PoE switch will be installed to distribute the internet connection.
- The electrical power/KSEB requirement will be provided by the Grama Panchayat.
- Grama panchayat will provide Internet connectivity of minimum 100 Mbps bandwidth with static IP.

3. Near Capratti- Pratheksha center

- Two 4 MP Varifocal IP Bullet camera will be installed to cover both side of the Road in a newly installed GI Pole.

- One Four port PoE switch will be installed to distribute the internet connection.
- The electrical power/KSEB requirement will be provided by the Grama Panchayat.
- Grama panchayat will provide Internet connectivity of minimum 100 Mbps bandwidth with static IP

4. Eranholi bridge (In front of Fish Market)

- Two 4 MP Varifocal IP Bullet camera will be installed to cover both side of the Road in a newly installed GI Pole.
- A 4 MP Varifocal IP Bullet camera will be installed 150meter away from the current location in a newly installed GI Pole.
- One Four port PoE switch will be installed to distribute the internet connection.
- The electrical power/KSEB requirement will be provided by the Grama Panchayat.
- Grama panchayat will provide Internet connectivity of minimum 100 Mbps bandwidth with static IP

5. Monitoring Centre

The Monitoring centre should setup at the Grama Panchayath Office, Eranholi, Kannur

6. SPECIFICATIONS

List of Active Components is attached as ANNEXURE-I, Passive Components attached as ANNEXURE-II , Technical specification of activities components attached as Annexure III and, Technical specification of passive components attached as ANNEXURE-IV.

Annexure-I

List of Active Components

Sl No	Item requirement	Quantity
1	4 MP Varifocal IP Bullet Camera	10
2	4 PORT POE Switch	4
3	4 TB HDD	1
4	32 inch Professional HD LED TV	1

Annexure-II

List of Passive Components

Sl No	Item requirement	Quantity
1.	3" c Class ISI GI Pipe with maximum 5-meter length	6 nos
2.	Outdoor PVC Rack	6 nos
3.	Media Converter-giga	4 nos
4.	STP Cable with conduits	150 m
5.	OFC Cable & Stay Wire	350 m
6.	Other Electrical accessories	50 m

Annexure-III

TECHNICAL SPECIFICATIONS OF ACTIVE COMPONENTS

1.4MP IP Varifocal IP bullet camera

1	Image Sensor	1/2.7" or higher 2MP PS CMOS Image Sensor
2	Lens	2.7 -13.5 mm motorized
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

2.4-PORT POE Switch

	Port	6
2.	PoE Ports	4, 1000Mbps; RJ45 ports; Max. 30W Output of Single PoE Port Transmission distance:0~100m
	Uplink Ports	2, 1000Mbps; RJ45 ports; Transmission Distance:
	PoE Standard	IEEE802.3af, IEEE802.3at
5.	Transmission Distance	0-100m/100 Mbps
	Switch Capacity	12 Gbps Full duplex
7.	Warranty	3Year onsite
8.	Preferred Brand	CP Plus/Netgear/Cisco

1. **Surveillance HDD 4TB**

1.	Form Factor	3.5inch
	Capacity	4TB
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

2. **32-inch HD Professional LED TV**

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 Compatability	HDR.HDR10 Pro/HDR HLG
6.	HDMI Cord	1 nos 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: Honeywell/Belkin/Aurum Cables)
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

Annexure-IV

TECHNICAL SPECIFICATIONS OF PASSIVE COMPONENTS

Sl No	Items	Specification
1.	STP Cable with overlay work.	CAT6 Single Shielded Foiled Twisted Pair ,FA Network Standard Conductor Size -AWG24 (0.20sq) Length (m)-100 or More CAT6 / STP Overall Length (m)304 Certification: UL,ETL **Make:Honeywell,3C3,Panduit, Simon,Systimax**
2.	6 Core OFC Cables with Stay wire and all required accessories with overlay	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**
2.	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**

3.	Pipe Fittings	As per PWD standard
4.	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**
5.	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
6.	Media Converter Giga (10/100/1000)	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**
7.	Electrical Wiring including Conduits, Wires as PWD Standard	Using 1.5 sqmm 3 core ISI FRLS cable **Make: RR Kabel, Havells, Finolex, Polycab**

OTHER TERMS AND CONDITIONS

1. The bidders will be responsible for effecting supply and installation to the entire satisfaction of the undersigned or his authorized representatives.
2. 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.
3. **BOQ should be submitted in your Letter Head.**
4. **Bidder shall submit Compliance sheet attached along with this tender.**
5. No advance payment will be made against supplies.
6. **The rate quoted by the bidder shall be inclusive of all charges**. Rates quoted by the bidder shall be valid for a period of six months from the date of opening of the tender.
7. **The rate should be quoted for the unit shown in the list including GST and tenders which do not indicate this essential information will not be considered.**

8. **The bidders shall submit the rate in "FORM A" in a sealed envelope.**

9. The rate quoted for the materials/services shall be firm and no enhancement will be allowed under any circumstances.

10. C-DIT reserve the right to cancel any or all tenders without assigning any reasons whatsoever.

11. **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.

12. **PAYMENT TERMS:** 100% payment against successful Supply, installation & commissioning of the Equipment against submission of invoice and Performance Bank Guarantee.

13. **AFTER SALES SERVICE**

- Service support personnel should be available at any time on demand. The bidder has to rectify the fault within 24 hours of service calls.

- The Telephone Number and address of the designated persons should be submitted for reporting faults during the warranty period

14. **Agreement:** The Successful bidder has to enter an agreement with C-DIT in Rs.200 worth non judicial stamp paper immediately on getting confirmed work order.

15. **Authority:** The authority for the acceptance of the tenders rests exclusively with the C-DIT. The C-DIT does not undertake to accept the lowest or any particular tender or to assign any reason whatsoever for the rejection of any tender.

16. 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.

17. 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.

18. **In case of doubt:**

If the bidder has any doubt on technical specifications or on terms & conditions stipulated above, please contact **Sri Vinod N, HOD (SSD), in Mobile No: 9895788233**

The last date for submission of tender 05.11.2026, 03.00 PM. The tender will be opened on the same day at 03.30 PM

Sd/

REGISTRAR, C-DIT

Dated **26.10.2026**

CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY (C-DIT)

Chithranjali Hills, Thiruvallom, Thiruvananthapuram-27

Phone: 0471-2380910, 912

No. C-DIT/10/CCTV-Eranholi /2026-27/T887 Date:26.10.2026

FORM – A COMMERCIAL BID

(BOQ should be submitted in your Letter Head)

Quote No. **Date:**

Sl No	**ITEM**	**QUANTITY REQUIRED**	**UNIT RATE (Incl. GST)**	**AMOUNT (Incl. GST)**
1	Supply and installation of 4 MP Varifocal IP Bullet Camera (As per Tender Specifications)	10		
2	Supply and installation of 4 PORT POE Switch (As per Tender Specifications)	4		
3	Supply and installation of 4 Port PoE switch (As per Tender Specifications)	1		
4	Supply and installation of 4 TB HDD (As per Tender Specifications)	1		
5	Supply and installation of 3" c Class ISI GI Pipe with maximum 5-meter length (As per Tender Specifications)	6 Nos		
6	Supply and installation of Outdoor PVC Rack (As per Tender Specifications)	6 Nos		
7	Supply and installation of Media Converter-giga (As per Tender Specifications)	4 Nos		
8	Supply and installation of STP Cable with conduits (As per Tender Specifications)	150 Mtr		
9	Supply and installation of OFC Cable & Stay Wire (As per Tender Specifications)	350 Mtr		
10	Supply and installation of other Electrical accessories	50 Mtr		
	TOTAL			

Bidder Name:
Address:

e-mail id: **Signature**

Date **Office Seal**

No. C-DIT/10/CCTV-Eranholi /2026-27/T887 Date:26.10.2026

COMPLIANCE SHEET

ACTIVE COMPONENTS

1.4MP IP Varifocal IP bullet camera

Make:		Model:		
Sl No	**Items**	**Specification**	**Compliance (Yes/no)**	**Deviation If Any**
1	Image Sensor	1/2.7" or higher 2MP PS CMOS Image Sensor		
2	Lens	2.7 -13.5 mm motorized		
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	4 Year		

2.4-PORT POE Switch

Make:		Model:		
Sl No	**Items**	**Specification**	**Compliance (Yes/no)**	**Deviation If Any**
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		
	Switch Capacity	12 Gbps Full duplex		
7.	Warranty	3Year onsite		
8.	Preferred Brand	CP Plus/Netgear/Cisco		

3. **Surveillance HDD 4TB**

Make:		Model:		
Sl No	**Items**	**Specification**	**Compliance (Yes/no)**	**Deviation If Any**
1.	Form Factor	3.5inch		
	Capacity	4TB		
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. **32-inch HD Professional LED TV**

Make:		Model:		
Sl No	**Items**	**Specification**	**Compliance (Yes/no)**	**Deviation If Any**

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 Compatability	HDR.HDR10 Pro/HDR HLG		
6.	HDMI Cord	1 nos 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: Honeywell/Belkin/Aurum Cables)		
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		

1. TECHNICAL SPECIFICATIONS OF PASSIVE COMPONENTS

Sl No	Items	Specification	Compliance (Yes/no)	Deviation If Any
1.	STP Cable with overlay work.	CAT6 Single Shielded Foiled Twisted Pair ,FA Network Standard Conductor Size -AWG24 (0.20sq) Length (m)-100 or More CAT6 / STP Overall Length (m)304 Certification: UL,ETL **Make:Honeywell,3C3,Panduit, Simon,Systimax**		
2.	6 Core OFC Cables with Stay wire and all required accessories with overlay	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**		
3.	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**		
4.	Pipe Fittings	As per PWD standard		
5.	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**		
6.	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		

7.	Media Converter Giga (10/100/1000)	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**		
8.	Electrical Wiring including Conduits, Wires as PWD Standard	Using 1.5 sqmm 3 core ISI FRLS cable **Make: RR Kabel, Havells, Finolex, Polycab**		

Bidder Name:

Address:

e-mail id: **Signature**

Date **Office Seal**