



CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY (C-DIT)

Chitranjali Hills, Thiruvallam, Thiruvananthapuram-27

Phone: 0471-2380910, 912

No. C-DIT/02/CCTV-FHCVEU/2024-25/T595

Date: 21.02.2025

TENDER NOTICE

SUPPLY, INSTALLATION, TESTING, COMMISSIONING AND MAINTANANCE OF CCTV SURVEILLANCE SECURITY SYSTEM AT THREE VARIOUS FAMILY HEALTH CENTRES

Sealed tenders are invited for the **Supply, installation, testing, commissioning and maintenance of CCTV Surveillance Security System at Family Health Centers at Vorkady, Kasargod district, Ezhuvathiruthy Malappuram district and Udayagiri 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**”* and should be addressed to The Registrar, Centre for Development of Imaging Technology (C-DIT), Chitranjali Hills, Thiruvallam, Thiruvananthapuram 695027. Intending tenderers may submit the tenders on their own papers by post/hand. Last date for receipt of tenders is **01.03.2025, 03.00 PM**. Late tenders will not be accepted. The tenders will be opened at **03.10 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

21.02.2025

SD/-

REGISTRAR



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TENDER TERMS

SUPPLY, INSTALLATION, TESTING, COMMISSIONING AND MAINTANANCE OF IP BASED CCTV SURVEILLANCE SECURITY SYSTEM THREE VARIOUS FAMILY HEALTH CENTRES

GENERAL TERMS AND CONDITIONS

- a) This Tender is invited for the **Supply, installation, testing, commissioning and maintenance of CCTV Surveillance Security System at Family Health Centres Vorkady Kasargod district, Ezhuvathiruthy Malappuram district and Udayagiri 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

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 authorised service centre (Preferably at Kozhikode).
- 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.
- 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)**

SCOPE OF WORK

To identify integrators/contractors to undertake work for “Supply, installation, testing, commissioning and maintenance of CCTV Surveillance Security System **at Family Health Centres Vorkady Kasargod district, Ezhuvathiruthy Malappuram district and Udayagiri Kannur District**”

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 should supply all equipment/ materials required to execute the work in the respective sites as per the Bill of Material quoted.
3. The successful bidder should install CCTV surveillance system components as per the specifications prescribed in the tender document and should install the cameras in the Specified locations detailed in **Annexure 1** of this document.
4. All the Cameras have to be cabled by UTP CAT-6 /Coaxial cables inside the Buildings and STP CAT6 cable for outside cabling and connected to PoE Switch using structured cabling for the LAN. Proper conduit as per the specification should be provided.
5. The successful bidder shall carry out the necessary civil and electrical works to install the entire solution.
6. 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.
7. The Camera Video feeds have to be transmitted 24X7 and should be able to view in the Monitor already installed there. (through Mobile/ Tab if required).
8. The work includes the installation of cameras for proper surveillance coverage at each location. The camera locations are mentioned in this document, however, the locations at the time of installation may change based on the site requirement.
9. 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.

10. 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.
11. The bidder shall ensure two 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.
12. The bidder should submit MAF - Manufacturer's Authorization Form for the Cameras and DVR.
13. Successful bidder should provide training to the team identified by the user for operation of the CCTV System and handhold on job.
14. The bidder shall handover all software products license keys/ passwords/ softwares/ installation files including user manual and all necessary documentation to C-DIT.
15. The bidders shall not offer products of brands which are having any type of ban by government of India /Government Market place or any other state government from doing business in India/ participating government tenders.

SPECIFICATIONS

1. 4MP Fixed IP Bullet/Dome Camera

Lens Type	3.6mm
Image Sensor:	1/3" 4MP PS CMOS or higher
IR Distance	30m or better
WDR	120dB
Video Compression	H.265,H.264+; H.264; H.264B; MJPEG
Protection	IP67
Certification	(STQC -Preferred), CE, FCC , BIS
Interoperability standard	ONVIF
Starlight Technology	Enabled
SD card	256GB or higher
OEM Warranty	3 Year

2. 2MP Analog HD Camera

Image Sensor	1/2.7" 2MP PS CMOS Image Sensor
Lens	3.6mm (2.8 mm optional)
Lens Type	Fixed
IR	20m or better
Protection Grade	IP67
Certification	(STQC -Preferred) , BIS, CE , FCC

OEM Warranty	3 Year
Image Sensor	1/2.7" 2MP PS CMOS Image Sensor
Lens	3.6mm (2.8 mm optional)
Lens Type	Fixed
IR	20m or better
Protection Grade	IP67

3. 8 Channel DVR

Video Output	1-channel VGA, 1-channel HDMI video output.
IP Camera Input	2 IP channels by default + 8 channels analog channels
Compression	H.265; H.264+; H.264
Hard Disk	1 SATA Port , up to 10 TB or higher
Resolution	5M-N; 4M-N; 1080P; 1080N; 720P; 960H; D1; CIF
Ethernet	1 (10/100 Mbps Ethernet port, RJ-45)
Network Bandwidth	48 Mbps Incoming Bandwidth
Certification	BIS, CE , FCC
OEM Warranty	3 Year

4. Surveillance HDD

Form Factor	3.5inch
Capacity	2TB
Recording Technology	CMR
Cache (MB)	64 or higher
Interface	SATA 175 MB/s
OEM Warranty	3 Year
Preferred Brand	Seagate/WD Purple/Toshiba

5. 8 Channel SMPS for CCTV

Input Voltage Range	100-230 V
Frequency	50-60 Hz
Output Voltage and current	12V ,1A

6. 24" Full HD LED Monitor

Display Type	LED
Resolution	Full HD
Aspect Ratio	16:9
Panel Type	IPS
HDMI Port	1
Preferred brand	Dell /Acer/ Sony

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. **Three offices combined requirement is detailed in the Commercial bid Form-A. Bidder must quote all the items in the Commercial bid and execute the work as per the requirements in the respective locations (Family Health Centers) attached in Annexure-I.**
4. **BOQ should be submitted in your Letter Head.**
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 24 months from the date of commissioning of the work.
12. **EMD:** The bidder shall submit EMD of Rs. 5,000/- (Rupees five thousand only) along with the tender
13. **PAYMENT TERMS:** 100% payment against successful Supply, installation & commissioning of the Equipment against submission of invoice and Performance Bank Guarantee.
14. **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

15. 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.

16. 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.

17. 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.

18. 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.

19. 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 01.03.2025, 03.00 PM.

The tender will be opened on the same day at 03.10 PM

Sd/
REGISTRAR, C-DIT
Dated **21.02.2025**

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Date: 20.02.2025

Annexure 1

Proposed Locations

1.Udayagiri ,Kannur District

- Main Gate - 4MP IP fixed Camera (1No)
- Waiting area - 2MP Analog HD Camera (2No)
- Patient Registration counter - 2MP Analog HD Camera (1No)
- OP Consulting Area - 2MP Analog HD Camera (1No)
- Pharmacy area - 2MP Analog HD Camera (1No)

The monitoring centre should be established in the office of Family Health Centre.

2. Ezhavathuruhy ,Malappuram District

- Main Gate - 4MP IP fixed Camera (1No)
- Waiting area - 2MP Analog HD Camera (2No)
- Patient Registration counter - 2MP Analog HD Camera (1No)
- OP Consulting Area - 2MP Analog HD Camera (1No)
- Pharmacy area - 2MP Analog HD Camera (1No)

The monitoring centre should be established in the office of Family Health Centre.

3. Vorkady ,Kasaragod District

- Main Gate - 4MP IP fixed Camera (1No)
- Waiting area - 2MP Analog HD Camera (2No)
- Patient Registration counter - 2MP Analog HD Camera (1No)
- OP Consulting Area - 2MP Analog HD Camera (1No)
- Pharmacy area - 2MP Analog HD Camera (1No)

The monitoring centre should be established in the office of Family Health Centre.

FORM - A

COMMERCIAL BID FOR THREE SPECIFIED LOCATIONS

(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 4MP IP Bullet/ Dome Camera (As per tender Specification)	3 Nos		
2	Supply and Installation of 2MP Analog HD Camera (As per tender Specification)	15 Nos		
3	Supply and Installation of 8 Channel DVR(As per tender Specification)	3 No		
4	Supply and Installation of Surveillance HDD 2TB (As per tender Specification)	3 No		
5	Supply and Installation of 8 Channel SMPS(As per tender Specification)	3 No		
6	Supply and Installation of 24" Full HD Monitor(As per tender Specification)	3 No		
7	Supply and Installation of 2U Rack (As per tender Specification)	3 No		
8	Supply and Installation Cat6 Cable with conduits (As per tender Specification)	150m		
9	Supply and Installation of Coaxial Cable (As per tender Specification)	390 Mtr		
10	Supply and Installation other Electrical Accessories (As per tender Specification)	Lot		
	TOTAL			

Bidder Name:

Address:

e-mail id:

Date

Signature

Office Seal