



**CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY (C-DIT)**

Chitranjali Hills, Thiruvallam, Thiruvananthapuram-27

Phone: 0471-2380910, 912 Fax: 0471- 2380681

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No. C-DIT/12/CCTV-PPSY /2024-25/T 564

Date: 12.12.2024

**TENDER NOTICE**

**SUPPLY AND INSTALLATION OF CCTV SURVEILLANCE SYSTEM AT  
PAPPINISSERY**

Sealed tenders are invited for the **Supply and installation of CCTV Surveillance Security System Installed at Community Health Centre Pappinissery, Kannur**. The envelopes containing the tender should bear the superscription "**Supply and installation of CCTV Surveillance Security System Installed at Community Health Centre Pappinissery Kannur**" and 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 **20.12.2024, 3.00 PM**. The tenders will be opened at **3.10 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.

Thiruvananthapuram  
12.12.2024

Sd/  
REGISTRAR

*Note: Offers/quotations can also be sent to via return mail to [procurement@cdit.org](mailto:procurement@cdit.org)*

**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
<b>OEM Warranty</b>	<b>3 Year</b>

**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
<b>OEM Warranty</b>	<b>3 Year</b>
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
<b>OEM Warranty</b>	<b>3 Year</b>

#### 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
<b>Preferred Brand</b>	<b>Seagate/WD Purple/Toshiba</b>

#### 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
<b>Preferred brand</b>	<b>Dell /Acer/ Sony</b>

#### 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 clause 16 of the of this document.
4. All the Cameras have to be cabled by UTP CAT-6 Cable 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 **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.
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.**

## 16. Proposed Locations

The following locations were identified with the approval of CHC authorities for the installation of CCTV cameras

- |                                 |   |                      |         |
|---------------------------------|---|----------------------|---------|
| 1. Main gate                    | : | 4MP IP Fixed Camera  | (1No)   |
| 2. Waiting area                 | : | 2MP Analog HD Camera | (2 Nos) |
| 3. Patient Registration Counter | : | 2MP Analog HD Camera | (1 No)  |
| 4. OP Consulting Area           | : | 2MP Analog HD Camera | (1 No)  |
| 5. Pharmacy area                | : | 2MP Analog HD Camera | (1 No)  |

## **GENERAL TERMS & CONDITIONS**

1. Supply and installation within 10days at Community Health Centre Pappinisseri Kannur (as clause 16). Contact person: Shri Vinod N, HOD SSD Mob:9895788233.
2. The bidder shall quote the rates for Supply and installation of CCTV Surveillance Security System Installed at Community Health Centre Pappinissery, Kannur in "FORM A". The tenders which do not indicate price information for all the listed items in the tender will not be considered.
3. Price : Inclusive of all taxes.
4. Statutory taxes to be deducted at source, if any, will be deducted from the payment due
5. Payment Terms: 100% payment against successful supply and Installation and against submission of invoice.
6. The bidder should submit valid GST and PAN along with the bid.
7. **The last date for submission of tender 20.12.2024 3.00 PM.**
8. **The tender will be opened on the same day at 3.10 PM**
9. *Our GSTIN is 32AAATC1823F1ZF*

Sd/  
REGISTRAR, C-DIT  
*Dated 12.12.2024*

# CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY (C-DIT)

Chitranjali Hills, Thiruvallam, Thiruvananthapuram-27

Phone: 0471-2380910, 912

No. C-DIT/12/CCTV-PPSY /2024-25/T 564

Date: 12.12.2024

**FORM - A**

**PRICE BID**

**Quote No.**

**Date:**

Sl No	ITEM	QUANTITY	UNIT RATE (Incl. GST)	AMOUNT (Incl. GST)
1	Supply and Installation of 4MP IP Bullet/ Dome Camera (As per tender Specification)	1 Nos		
2	Supply and Installation of 2MP Analog HD Camera (As per tender Specification)	5 Nos		
3	Supply and Installation of 8 Channel DVR(As per tender Specification)	1 No		
4	Supply and Installation of Surveillance HDD 2TB (As per tender Specification)	1 No		
5	Supply and Installation of 8 Channel SMPS(As per tender Specification)	1 No		
6	Supply and Installation of 24" Full HD Monitor(As per tender Specification)	1 No		
7	Supply and Installation of 2U Rack (As per tender Specification)	1No		
8	Supply and Installation Cat6 Cable with conduits (As per tender Specification)	50m		
9	Supply and Installation of Coaxial Cable (As per tender Specification)	130 Mtr		
10	Supply and Installation other Electrical Accessories (As per tender Specification)	Lot		
	<b>TOTAL</b>			

**Bidder Name:**

**Address:**

**e-mail id:**

**Date**

**Signature**

**Office Seal**