



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

Chitranjali Hills, Thiruvallam, Thiruvananthapuram-27

Phone: 0471-2380910, 912

---

**No. C-DIT/12/CCTV-PASLA/2025-26/T739**

**Date: 22.12.2025**

**TENDER NOTICE**

**SUPPLY AND INSTALLATION OF IP BASED CCTV SURVEILLANCE SYSTEM**

**AT PARASSALA TALUK HOSPITAL THIRUVANANTHAPURAM**

Sealed tenders are invited for the Supply Installation Testing Operation and maintenance of IP based CCTV Surveillance Security Cameras at three locations to be integrated with existing CCTV surveillance system installed at Parassala Taluk Hospital Thiruvananthapuram. The envelopes containing the tender should bear the superscription “**Supply and installation of IP based CCTV Surveillance Security System Installed at Parassala Taluk Hospital Thiruvananthapuram**” 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 27.12.2025, 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**  
**22.12.2025**

**Sd/**  
**REGISTRAR**

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

**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 site as per the Bill of Material quoted.
3. The successful bidder should install CCTV surveillance system components as per the list of active/passive components and specifications in Annexure -I prescribed in the tender document.
4. The required three numbers of 2MP fixed IP bullet cameras and 300 meters of OFC will be provided by C-DIT.
5. The successful bidder should install the cameras provided by C-DIT in the hospital building premises.
6. The successful bidder should integrate the newly installed CCTV components with the existing surveillance system installed there.
7. The successful bidder shall responsible to submit **the MAF - Manufacturer's Authorization Form** for all cameras.
8. The offered CCTV cameras must be: **STQC approved by Standardization Testing and Quality Certification (MeitY, Govt. of India)** and approved by Govt. of India.
9. The successful bidder shall submit Warranty Certificate issued by the OEM for all cameras, ensuring a warranty period of three years.
10. The successful bidder shall submit a Warranty Certificate covering three years for the all active and passive components as well as entire integration work.
11. 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.
12. The successful bidder shall carry out the necessary civil and electrical works to install the entire solution.
13. 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.

14. 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).
15. 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.
16. 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.
17. **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.**
18. **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**
19. Successful bidder should provide training to the team identified by the user for operation of the CCTV System and handhold on job.
20. The bidder shall handover all software products license keys/ passwords/ softwares/ installation files including user manual and all necessary documentation to C-DIT.

## **GENERAL TERMS & CONDITIONS**

1. Supply and installation within 10 days at Parassala Taluk Hospital Thiruvananthapuram. Contact person: Shri Vinod N, HOD SSD Mob:9895788233.
2. **Bidder should quote the products strictly as per the tender specification and only of desired /preferred brand.**
3. The bidder shall quote the rates for Supply and installation of CCTV Surveillance Security System Installed at Parassala Taluk Hospital

Thiruvananthapuram. The tenders which do not indicate price information for all the listed items in the tender will not be considered.

4. Price: Inclusive of GST as applicable.
5. Statutory taxes to be deducted at source, if any, will be deducted from the payment due
6. Payment Terms: 100% payment against successful supply and Installation and against submission of invoice.
7. The bidder should submit valid GST and PAN along with the bid.
8. The last date for submission of tender 27.12.2025 3.00 PM.
9. The tender will be opened on the same day at 3.10 PM
10. Our GSTIN is 32AAATC1823F1ZF

Sd/  
REGISTRAR, C-DIT  
Dated 22.12.2025

## Annexure 1

### A.List of Active/Passive Items/Integration work

| Sl.No | Item  | Qty       |
|-------|---|-----------|
| 1.    | Supply and installation of 4Port PoE switch       | 1 no      |
| 2.    | Supply and installation of 8 Port PoE Switch      | 1 no      |
| 3.    | Supply and installation of Media Converter (Giga) | 3 Pairs   |
| 4.    | Supply and installation of OFC (6 core)           | 500 meter |
| 5.    | Laying charges for OFC ( 6 core)                  | 300 meter |
| 6.    | Supply and installation of Cat6 UTP cable         | 300 meter |

### B.SPECIFICATIONS OF ACTIVE COMPONENTS

#### 1. 4-PORT POE Switch

|    |                       |  |
|----|-----------------------|--|
| 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  |
| 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  |

## 2. 8-PORT POE Switch

|    |                       |   |
|----|-----------------------|---|
| 1. | Port                  | 10  |
| 2. | PoE Ports             | 8, 1000Mbps; RJ45 ports; Max. 30W Output of Single PoE Port                       |
| 3. | Uplink Ports          | 2 x 1000Mbps RJ45 ports   |
| 4. | PoE Standard          | IEEE802.3af, IEEE802.3at  |
| 5. | Transmission Distance | 0-100m/1000Mbps or Port 7-8 Max. 200m/10Mbps via Cat.5e or more under Extend mode |
| 6. | Switch Capacity       | 20Gbps Full duplex  |
| 7. | Warranty              | 3Year onsite  |
| 8. | Preferred Brand       | CP Plus/Netgear/ Cisco  |

## C. SPECIFICATIONS OF PASSIVE ITEMS

| Sl No | Items      | Specifications   |
|-------|------------|--|
| 1.    | CAT6 Cable | <p>Category : 6 UTP Solid cable LSZH<br/>           Conductor : 23 AWG (Solid)<br/>           Conductor Meta : Bare Copper<br/>           Insulation Material : HD-PE<br/>           Pairs :2 Insulated conductors twisted together<br/>           Sheath : LSZH Cable<br/>           Diameter : 6.1 mm nominal<br/>           Certification: UL,ETL</p> |
| 2.    | 6 Core OFC | <p><del>Make: Honeywell, 3C3, Panduit, Simon, Systimax</del><br/>           diameter 5.8 mm, length 100m<br/>           16 gauge stay and binding wire for overhead works.<br/>           Certification: UL,ETL<br/> <b>Make:Honeywell,3C3,Panduit, Simon,Systimax</b></p>   |

|    |   |   |
|----|---|---|
| 3. | 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.<br><b>Make- Syrotech, Netgear,TP LINK</b> |
| 4. | PVC Conduits  | PVC outer jacket for a CAT6 UTP/STP cable can have an outer diameter of 6.2 mm (ivory/white) ,ISI mark<br><b>Make : Espee, Balco ,Precision, Trigger</b>  |
| 5. | HDPE Pipe   | Density of 961 kg/m <sup>3</sup> .Tensile strength of 4,000 psi.<br><b>Make : MRV ,Precision, Trigger</b>   |
| 6. | Pipe Fittings   | As per PWD standard   |
| 7. | Electrical Wiring including Conduits, Wires as PWD Standard | Using 1.5 sqmm 3 core ISI FRLS cable<br><b>Make: RR Kabel, Havells, Finolex, Polycab</b>  |

## **C.COMPLAINCE**

### **1. 4-PORT POE Switch**

| <b>Sl No</b> | <b>Parameter</b>      | <b>Specification</b>   | <b>Compliance (Yes/no)</b> | <b>Deviation If Any</b> |
|--------------|-----------------------|--|----------------------------|-------------------------|
|              | MAKE & MODEL          |  |                            |                         |
| 1            | Port                  | 6  |                            |                         |
| 2            | PoE Ports             | 4, 1000Mbps; RJ45 ports; Max. 30W Output of Single PoE Port Transmission |                            |                         |
| 3            | Uplink Ports          | 2, 1000Mbps; RJ45  |                            |                         |
| 4            | PoE Standard          | IEEE802.3af,   |                            |                         |
| 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  |                            |                         |

### **2. 8-PORT POE Switch**

| <b>Sl No</b> | <b>Parameter</b> | <b>Specification</b>  | <b>Compliance (Yes/no)</b> | <b>Deviation If Any</b> |
|--------------|------------------|---|----------------------------|-------------------------|
| 1            | MAKE & MODEL     |   |                            |                         |
| 2            | Port             | 10  |                            |                         |
| 3            | PoE Ports        | 8, 1000Mbps; RJ45 ports; Max. 30W Output of Single PoE Port |                            |                         |
| 4            | Uplink Ports     | 2 x 1000Mbps RJ45 ports                                     |                            |                         |

|   |                       |  |  |  |
|---|-----------------------|--|--|--|
|   | PoE Standard          | IEEE802.3af,   |  |  |
| 5 | Transmission Distance | 0-100m/1000Mbps or Port 7-8 Max.<br>200m/10Mbps via Cat.5e or more under Extend mode |  |  |
| 6 | Switch Capacity       | 20Gbps Full duplex   |  |  |
| 7 | Warranty              | 3Year onsite   |  |  |
| 8 | Preferred Brand       | CP Plus/Netgear/ Cisco   |  |  |



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

Chitranjali Hills, Thiruvallam, Thiruvananthapuram-27

Phone: 0471-2380910, 912

**No. C-DIT/12/CCTV-PASLA/2025-26/T739**

**Date: 22.12.2025**

**FORM A-- PRICE BID**

Quote No.

Date:

| <b>Sl No</b> | <b>ITEM</b>  | <b>QUANTITY</b> | <b>UNIT RATE (Incl. GST)</b> | <b>AMOUNT (Incl. GST)</b> |
|--------------|--|-----------------|------------------------------|---------------------------|
| 1            | Supply and installation of 4Port PoE switch (As per tender Specifications)       | 1 no            |                              |                           |
| 2            | Supply and installation of 8 Port PoE Switch (As per tender Specifications)      | 1 no            |                              |                           |
| 3            | Supply and installation of Media Converter (Giga) (As per tender Specifications) | 3 Pairs         |                              |                           |
| 4            | Supply and installation of OFC (6 core) (As per tender Specifications)           | 500 meter       |                              |                           |
| 5            | Laying charges for OFC ( 6 core ) (As per tender Specifications)                 | 300 meter       |                              |                           |
| 6            | Supply and installation of Cat6 UTP cable (As per tender Specifications)         | 300 meter       |                              |                           |
|              | <b>TOTAL</b>   |                 |                              |                           |

Bidder Name:

Address:

e-mail id:

Signature