



CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY (C-DIT)

Chitranjali Hills, Thiruvallam, Thiruvananthapuram-27

Phone: 0471-2380910, 912

No. C-DIT/12/CCTV-BLPM/2024-25/T565

Date: 12.12.2024

TENDER NOTICE

SUPPLY, INSTALLATION, TESTING, COMMISSIONING AND MAINTANANCE OF CCTV SURVEILLANCE SECURITY SYSTEM

Sealed tenders are invited for the **Supply, installation, testing, commissioning and maintenance of CCTV Surveillance Security System along with providing centralized monitoring facility at Balaramapuram Family Health Centre, Thiruvananthapuram District.** The envelopes containing the tender should bear the superscription *“Tender for the Supply, Installation, of IP based CCTV Surveillance at Balaramapuram”* 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 **23.12.2024, 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

12.12.2024

SD/-

REGISTRAR



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TENDER TERMS

SUPPLY, INSTALLATION, TESTING, COMMISSIONING AND MAINTANANCE OF IP BASED CCTV SURVEILLANCE SECURITY SYSTEM

GENERAL TERMS AND CONDITIONS

- a) This Tender is invited for the **Supply, installation, testing, commissioning and maintenance of CCTV Surveillance Security System along with providing centralized monitoring facility at Balaramapuram Family Health Centre, Thiruvananthapuram 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 Thiruvananthapuram).
- 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 along with providing centralized monitoring facility at Balaramapuram Family Health Centre, Thiruvananthapuram 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 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.

Technical Specifications

1. 2 MP fixed IP Bullet Camera	
Image Sensor	1/3" 2MP PS CMOS Image Sensor OR Higher.
Lens	3.6mm
Lens Type	Fixed-focal
Video Compression	H.265/Smart H.264+/H.264/ H.264B/ MJPEG
WDR	120 dB
IR	30 m or better
Protection Grade	IP67

2. 2MP Analog HD Camera	
Image Sensor	1/3" 2MP PS CMOS Image Sensor OR Higher.
Lens	3.6mm
Lens Type	Fixed-focal
WDR	120 dB
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	4TB
Recording Technology	CMR
Cache (MB)	64 or higher
Interface	SATA 6Gb/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. No advance payment will be made against supplies.
4. **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.
5. **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.**
6. **The bidders shall submit the rate in "FORM A" in a sealed envelope.**
7. The rate quoted for the materials/services shall be firm and no enhancement will be allowed under any circumstances.
8. C-DIT reserve the right to cancel any or all tenders without assigning any reasons whatsoever.
9. **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.
10. **EMD:** The bidder shall submit EMD of Rs. 5,000/- (Rupees five thousand only) along with the tender
11. **PAYMENT TERMS:** 100% payment against successful Supply, installation & commissioning of the Equipment against submission of invoice and Performance Bank Guarantee.
12. **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

- 13. 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.
- 14. 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.
- 15.** 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.
- 16.** 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.
- 17. 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 23.12.2024, 03.00 PM.
The tender will be opened on the same day at 03.10 PM

Sd/
REGISTRAR, C-DIT
Dated **12.12.2024**

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Annexure 1 Proposed Locations

1. Locations

OP Block

The following locations were identified with the approval of FHC authorities for the installation of CCTV Cameras.

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|---|-----------------------|
| 1. Main Gate (In front of IP Section) | : Bullet Camera (1no) |
| 2. OP entrance (towards Office) | : Bullet Camera (1no) |
| 3. OP entrance (towards Op entrance & Reception Entrance): | Bullet Camera (1no) |
| 4. Patients Waiting Area | : Dome Camera (1no) |
| 5. Patient Registration Counter | : Dome Camera (1no) |
| 6. Pharmacy Counter | : Dome Camera (2no) |
| 7. Corridor -towards injection room & Causality | : Dome Camera (1no) |

Office Block

- | | |
|--------------------|-----------------------|
| 1. Office Entrance | : Bullet Camera (1no) |
| 2. Lab | : Dome Camera (1no) |

The Monitoring facility will be setup at Office of the Medical Officer ,Primary Health Centre.



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FORM - A

COMMERCIAL BID

Quote No.

Date:

SI No	ITEM	QUANTITY	UNIT RATE (Incl. GST)	AMOUNT (Incl. GST)
1	Supply and installation of 2MP IP Fixed Bullet/Dome Camera (As per tender specifications)	2		
2	Supply and installation of 2MP fixed Analog HD Bullet/ Dome Camera (As per tender specifications)	8		
3	Supply and installation of 8 Channel DVR (As per tender specifications)	1		
4	Supply and installation of Surveillance HDD 4TB (As per tender specifications)	1		
5	Supply and installation of 16 Channel SMPS (As per tender specifications)	1		
6	Supply and installation of 24" Full HD Monitor (As per tender specifications)	1		
7	Supply and installation of 4U Rack (As per tender specifications)	1		
8	Supply and installation of Cat6 Cable with Conduits (As per tender specifications)	50 m		
9	Supply and installation of Coaxial Cable (RG 59) (As per tender specifications)	200m		
10	Supply and installation of Other Electrical accessories (As per tender specifications)	Lot		
	TOTAL			

Bidder Name:

Address:

e-mail id:

Date

Signature

Office Seal