



SAST/CLPC/ACU-AHRC/48 /2024-25

02-01-2025

### TENDER NOTIFICATION

The Head, CLPC, Sri Adichunchanagiri Shikshana Trust invites closed tenders from eligible tenderers or bonafide licensed manufacturer (OEM) or their authorized local supplier/ dealer/ distributor in the state of Karnataka for the **Procurement of CCTV Camera at Adichunchanagiri Hospital and Research Center, BG nagara - 571448, Mandya** as per section I & II.

01	Name of the work	Procurement of CCTV Camera at Adichunchanagiri Hospital and Research Center, BG nagara - 571448, Mandya
02	Last Date for Tender Submission	On or before 10.01.2024 before 5.30 PM

### Section-1

#### Instructions to Tenderers

- 1) The Tenderer shall submit the bids (Technical & Financial bids) through the mail id: **clpchead@bgscet.ac.in** on or before the last date of tender submission (for any or all list of items) on professional business letterheads only. The details to be printed on the letter head is as follows
  - i) Tender for Procurement of CCTV Camera at Adichunchanagiri Hospital and Research Center, BG nagara - 571448, Mandya
  - ii) Tender Reference number.....[Insert Number]
  - iii) Address to "The HEAD, CLPC, Sri Adichunchanagiri Shikshana Trust, BGSCET Campus, Mahalakshmpuram, Bengaluru - 560086"
  - iv) The tenderer shall submit the original documents to this office on the last day of submission for verification who prefers to submit the tender through Post can dispatch the same through Registered post / Speed post or Couriers as to reach the above address on or before the due date and time specified in the Tender Notice. Tenders received after the due date and time, for what so ever reasons will not be considered and the authority, Head of CLPC will not be liable or responsible for the same.
- 2) **Tender Currency:** Prices shall be quoted in Indian Rupees only.
- 3) **AMC/CMC (IF ANY)** is subject to the Sri Adichunchanagiri Shikshana trust's norms.
- 4) **Warranty:** As per the standards
- 5) **Amendment of tender documents:** At any time prior to the deadline of submission of tenders the trust may, for no reason, whether as its own initiative or otherwise modify the tender documents by amendment. Sri Adichunchanagiri Shikshana Trust reserves all the rights to accept, reject, incorporate changes and re-tender without giving any reasons.
- 6) **Documents Comprising the Tender:** Shall attach Brochure, Certification of the product, Bank/account details, PAN, GSTIN, Good Standing Certificate and 02 years of ITR





declaration inside the envelope and the company contact details with email id on the in the below mention format in annexure - 1.

- 7) **Tender Prices:** Prices indicated on the price schedule shall be entered separately I.e. the price of the goods, quoted (ex-works, ex-factory, ex-showroom, ex-warehouse, or off-the-shelf, as applicable), including all duties and sales and the other taxes already paid or payable. Any Indian duties, sales and other taxes which will be payable on the goods if the contract is awarded. Conditional tenders will not be considered. The bidder has to give the quotation in the below enclosed format in annexure - 2.
- 8) **Validity of the Bid:** 90 days from the last date of submission of bid.
- 9) **Corrupt or Fraudulent practices:** Sri Adichunchanagiri Shikshana Trust requires that the tenderers, observe the highest standard of ethics during the procurement and execution of such contracts. In purchase of this policy:
  - a) Will reject a proposal for award if it determines the tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
  - b) Will declare a firm ineligible, either indefinitely or for the stated period of time, to be awarded a university contract if it any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a trust contract.
- 10) **Process to be confidential:** Information relating to the examination, clarification, evaluation, and comparison of tenders and recommendations for the award of contract will not be disclosed to tenderers or any other persons not officially concerned with such process until the award to the successful tenderer has been announced. Any effort by a tenderer to influence the employer's processing of tenders or award decisions may result in rejection of his tender.
- 11) **Clarification of Tenders:** To assist in the examination, evaluation, and comparison of tenders the employer may, at his discretion, ask and tenderer for clarification of his tender, including breakdowns of unit rates. The request for clarification and the response shall be writing or by cable, but no change in the price or substance of the tender shall be sought, offered, or permitted except as required to confirm the correction of arithmetic errors discovered by the employers in the evaluation of the tenders.
- 12) **Delivery:** The successful BIDDER should commence the service as per the tender document/work or purchase order. For any queries or assistance, please write to [clpchead@bgscet.ac.in](mailto:clpchead@bgscet.ac.in) or telephone to +91- 9448270489.
- 13) **Penalty Clause:** Non-execution of supply order – for the reasons of failure to supply partially or completely within the stipulated time or any event of breach of contract. In case at any following stages
  - a) For the delayed supply (3 days of grace period) – 5% deduction
  - b) Quantity issues – 5 % deduction
  - c) Quality issues – 10% deduction

  
HEAD, CLPC

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## Section-2

### Technical Specification

SL. No	Particulars	Total Quantity in Nos.
1.	CCTV	70

### SPECIFICATION FOR CCTV

#### 1. DOME CAMERA

The following are the technical parameters for the Network Dome Camera:			
S. No.	Features	Description	Compliance (yes/NO)
1.	Camera Type	<b>Fixed Lens 2MP Dome Camera (IP based)</b>	
2.	Edge Storage	MicroSD/microSDHC/microSDXC slot supporting memory card for min. 256 GB	
3.	Image Sensor	1/2.8 inch CMOS or better	
4.	Resolution	Min.1920 × 1080 at 25 FPS or better	
5.	Compression	H.264,H.265	
6.	Streaming	Min. three compressed stream (Individually Configurable)	
7.	Alarm & Audio	1 input, 1 output	
8.	ID/Password	Multi-level user ID/Password	
9.	Video Authentication	For video authentication, classic watermarks/digital signature must be embedded in Video Stream along with name, time, date stamped which cannot be tampered	
10.	Physical Layer	1 RJ45 10M/100M self-adaptive Ethernet port	
11.	Protocol	Minimum TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour	
12.	Lens Type	2.8 mm, Fixed lens or 4mm optional	
13.	Dynamic Noise Reduction	3D	
14.	Slow Shutter	Support	
15.	Antiflicker	Support	
16.	Illumination	Color: 0.005 Lux or better at (F1.6, AGC ON), 0 Lux with IR	
17.	IR Range	up to 40m	
18.	Privacy zones	Yes	
19.	Auto Gain Control	Yes	
20.	Back Light Compensation & High Light Compensation	Yes	
21.	Electronic Shutter	1/3 s to 1/100,000 s	
22.	Wide Dynamic Range	120dB	
23.	Day and Night	Yes (as per minimum illumination)	
24.	Operating Temperature	-30 °C to +60 °C	
25.	Housing	Humidity 95% or less (non-condensing)	
26.	Anti-Vandalism rating	IP67	



27.	Edge based video content Analytics	Line crossing detection, Intrusion detection, Motion Detection, Video tampering,
28.	Power Source	12 VDC & PoE
29.	Certification	UL/CE/FCC/BIS
30.	Open Network Video Interface	ONVIF - Profile S, Profile G
31.	MAF	Manufactures authorisation certificate – MAF must be submitted

## 2.0 BULLET CAMERA

The following are the technical parameters for the Network Bullet Camera:

S. No.	Features	Description	Compliance (yes/NO)
1.	Camera Type	Varifocal Lens 2MP Bullet Camera (IP Based)	
2.	Edge Storage	MicroSD/microSDHC/microSDXC slot supporting memory card for min. 256GB	
3.	Image Sensor	1/2.8 inch Progressive Scan CMOS	
4.	Resolution	Min. 1920 × 1080 at 25 FPS or better	
5.	Compression	H.264,H.265	
6.	Streaming	Min. three compressed stream (Individually Configurable)	
7.	Alarm	2 inputs, 2 outputs	
8.	Audio	1 input, 1 output	
9.	ID/Password	Multi-level user ID/Password	
10.	Video Authentication	For video authentication, classic watermarks/digital signature must be embedded in Video Stream along with name, time, date stamped which cannot be tampered	
11.	Physical Layer	1 RJ45 10M/100M self-adaptive Ethernet port	
12.	Protocol	Minimum TCP/IP, ICMP, HTTP, HTTPS, RTP, RTSP, RTCP, PPPoE, NTP, FTP, DHCP, DNS, DDNS, UPnP™, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6	
13.	Lens Type	2.7 to 13.5 mm, varifocal, Motorized with auto focus	
14.	Dynamic Noise Reduction	3D DNR	
15.	Slow Shutter	Support	
16.	Antiflicker	Support	
17.	Illumination	Color: 0.002 Lux or better at (F1.4, AGC ON), 0 Lux with IR Inbuilt IR (40 mtrs. or better)	
18.	IR Range	Up to 40 m	
19.	Privacy zones	Supported	
20.	Auto Gain Control	Supported	
21.	Back Light Compensation & High Light Compensation	Yes	

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22.	Electronic Shutter	1/3 s to 1/100,000 s	
23.	Wide Dynamic Range	120dB	
24.	Day and Night	IR Cut Filter	
25.	Operating Temperature	-30 °C to +60 °C Humidity 95% or less (non-condensing)	
26.	Housing	IP67	
27.	Anti-Vandalism rating	IK10	
28.	Edge based video content Analytics	Line crossing detection, intrusion detection, Motion Detection, Video tampering, Face Detection, unattended baggage detection, object removal detection, Scene change detection, audio exception detection.	
29.	Power Supply	12 VDC ± 25%, PoE (802.3at/af)	
30.	Certification	UL / CE / FCC / BIS	
31.	Open Network Video Interface	ONVIF - Profile S, Profile G	
32.	MAF	Manufactures authorisation certificate – MAF must be submitted	

**3.0 64 – Channel NVR**

The following are the technical parameters for the 64 Channel NVR:			
S. No.	Features	Description	Compliance (Yes/No)
1.	IP video input	64ch upto 12MP resolution supported	
2.	Incoming bandwidth	Min. 400 Mbps	
3.	Outgoing bandwidth	Min. 400 Mbps	
4.	Recording resolution	Upto 12MP	
5.	Video o/p interfaces	2 HDMI port; atleast 1 supporting 4K resolution, 2 VGA port; atleast 1 supporting 2K resolution	
6.	Audio o/p	1 ch	
7.	Compression technique	H.265,H.264	
8.	Live view/Playback resolution	Upto 12MP resolution	
9.	Synchronous playback	Up to 16 channel	
10.	Smart Playback function	Should support Smart search for the selected area in the video and smart playback to improve the playback efficiency	
11.	SATA interfaces	Hot swappable 8Sata Interfaces with each supporting 12TB, should support ANR technology	
12.	Power supply	Should Supports redundant power supply to improve the system stability	
13.	RAID arrays	RAID0, RAID1, RAID5, RAID 6, RAID10, N+M	
14.	Network interfaces	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	
15.	Serial inetrfaces	RS-232, RS-485; Keyboard	
16.	USB interface	3 × USB connectors, with atleast 1 USB 3.0	





17.	Alarm i/o	16 i/p and 4 o/p	
18.	Power supply	100 to 240 VAC, 50 to 60 Hz (Dual Power, Redundant )	
19.	Working temperature	-10 to +55° C (+14 to +131° F)	
20.	Working humidity	10 to 90 %	
21.	Certification	UL/CE/FCC/BIS	
22.	MAF	Manufactures authorisation certificate – MAF must be submitted	

**BOQ**

SLNO	Description	Qty
1	Supply, Installation, Testing & Commissioning of <b>2MP IR Indoor Dome Fixed Camera</b> -1/2.8" Progressive Scan CMOS, 1920 × 1080 at 25fps, <b>2.8mm Fixed lens</b> , 0.005 Lux at F1.6, ICR, ONVIF, support H.265, H.264, MJPEG, 120db WDR, 3D Digital Noise Reduction, Three individually configurable stream, 12 VDC & PoE, IR range: 40m, Support on-board storage up to 256 GB (SD card not included), IP67, IK10, <b>Edge Analytics-</b> , Line crossing detection, Intrusion detection, Motion Detection, Video tampering, UL, CE, FCC certified.	25
2	Supply, Installation, Testing & Commissioning of <b>2MP IR Bullet Varifocal Camera</b> -1/2.8" Progressive Scan CMOS, 1920 × 1080 at 25fps, 2.7 to 13.5 mm <b>Varifocal Motorized lens</b> , 0.002 Lux at F1.4, 0 Lux with IR, ICR, ONVIF (PROFILE S, PROFILE G), support H.265, H.264, MJPEG, 120db WDR, 3D Digital Noise Reduction, BLC, HLC, Three individually configurable stream, 12 VDC & PoE, IR range: 40m, Support on-board storage up to 256 GB (SD card not included), Alarm : 2 inputs & 2 outputs, Audio: 1 input & 1 output, IP67, IK10, <b>Edge Analytics-</b> Line crossing detection, Intrusion detection, Motion Detection, Video tampering, scene change detection, UL, FCC, CE certified	5
3	Supply, Installation, Testing & Commissioning of <b>64ch Network Video Recorder-Connect</b> Up to 64 IP Cameras, Up to 12 Megapixels Resolution, HDMI1 and HDMI2/VGA2 outputs provided, atleast one HDMI output of 8K and 4K resolution, atleast 1 VGA output with output up to 2K (2560 × 1440), Support H.265, MJPEG, Supports N+1 hot spare system, Supports RAID0, RAID1, RAID5, RAID6 and RAID10 , Supports HDD hot swap, Supports Dual Power-Redundant, Incoming Bandwidth 320 Mbps, 8 SATA Hard Disks, ANR Technology, 8 SATA interfaces for 8 HDDs and capacity of each HDD up to 12TB, 3 × USB at least 1 × USB with 3.0, Alarm I/O 16/4, RS-485, RS-232, 2 RJ-45 10 /100/1000 Mbps self-adaptive Ethernet interface, Multiple network monitoring: Web viewer, CE, FCC, UL certified.	1
4	Branded Desktop PC Intel Core i7 – 13 <sup>th</sup> Gen or above, 32GB RAM, 512GB PCIe SSD or above, 4GB Graphics Card (HDMI, DP) or higher, Original Windows 11 Pro,	1

*[Handwritten Signature]*



SL NO	LOCATION	Bullet camera	Doom camera	Total camera
01	Old Pharmacy toward Panchakarma	01	-	01
02	In front of Security office toward Radiology and old building	-	01	01
03	OBG and ANC Dialysis Connecting corridor and LAB room & Surgery Faculty room ramp	-	02	02
04	ANC/PNC dialysis connecting ramp	01	-	01
05	OBG Lift lobby 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> floor	-	03	03
06	ANC/PNC & PICU Connecting ramp	-	02	02
07	Post opt ward & ENT Lift lobby	-	01	01
08	2 <sup>nd</sup> POP Ward	-	02	02
09	Old building & New building Connecting ramp 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> floor	03	03	06
10	Medicine office ramp	01	01	02
11	Ramp connecting 2 <sup>nd</sup> floor OT	-	01	01
12	Ramp connecting 1 <sup>st</sup> floor OT	-	01	01
13	OT Entrance 2 <sup>nd</sup> floor	-	01	01
14	OT Faculty Entrance 2 <sup>nd</sup> floor	-	01	01
15	Pediatric ward Ramp	01	01	02

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16	Old building staircase Connecting Duty Doctors Room	-	03	03
17	Old Medical and connecting 2 <sup>nd</sup> floor staircase	-	03	03
18	Casualty entrance connecting 2 <sup>nd</sup> floor staircase	-	01	01
19	Old LAB Entrance	-	01	01
20	Casualty Lab Drugs Store corridor	01	-	01
21	Radiology Old medical store entrance	-	01	01
22	Semi special ward to exit canteen	00	01	01
23	Front of store towards behind hospital road	00	01	01
24	Electrical substation	03	03	06
25	Behind Hospital road toward Pharmacy collage and ladies hostel	01	02	03
26	Laundry	01	01	02
27	Dry Waste storage area	00	01	01
28	Road connecting nurse quateres & behind Hospital and parking area	01	02	03
29	Road connecting Hospital main connecting in front of Pharmacy college	01	00	01
30	Forensic Mercury entrance	00	01	01
31	AH Parking	01	01	02
32	Two wheeler Parking area	00	01	01
33	Mercury building entrance corridor	00	01	01
34	Neuro OT inside	00	01	01

*[Handwritten Signature]*







35	Vinayaka temple casuality road between old building and new building	02	00	02
37	Exit gate towards vehicle parking	00	01	01
38	Behind Vinayaka temple entrance nursing collage	02	00	02
39	OT Back side stair case 1 <sup>st</sup> 2 <sup>nd</sup> and 3 <sup>rd</sup> floor	00	03	03
40	CSSD Entry	00	01	01
<b>TOTAL</b>		<b>20</b>	<b>50</b>	<b>70</b>

**Bullet camera – 20**

**Doom camera – 50**

**Total camera =70**

*Ans)*

*[Signature]*



### Annexure - 1

#### PARTICULARS OF THE BIDDER

Sr. No	Description	Details (to be filled by the responder to the Bid)
1	Name of the company	
2	Official address	
3	Phone No. And Fax No.	
4	Corporate Headquarters Address	
5	Phone No. And Fax No.	
6	Web Site Address	
7	Details of Company's Registration (Please enclose copy of the company registration document)	
8	Name of Registration Authority	
9	Registration Number and Year of Registration	
10	ISO certifications and its validity	
11	GST registration No.	
12	Permanent Account Number (PAN)	
13	Company's Revenue for last 3 years (Year wise)	
14	Company's net worth for the last year	
15	Bank Details (Name, Account no., Branch, IFSC, MICR)	

## Annexure - 2

The Bidder has to quote the rate in the Item Data available online with this bid. Details to be filled up for price bid are as below:

**The price shall be inclusive of all taxes (inclusive of GST) under the relevant Laws of India.**

SL. No	Particular	Amount In Rs. ( Inclusive of All the taxes)
1	Total Cost for the Procurement of CCTV Camera with Installation and all charges at Adichunchanagiri Hospital and Research Center, BG nagara - 571448, Mandya	
Total in Rs and in words -		

Cost related to Supply and Installation as per Items mentioned in the Compliance sheet for technical proposal.

SL. No	Particulars	Total Quantity In nos.	Unit Rate in Rs	Total Cost in Rs.
1	CCTV	70		
Total in Rs				
GST in Rs.				
<b>Grand Total Amount in Rs.</b>				

*Handwritten signature and date*  
2/11/25