



SAST/CLPC/ACU/ 166 /2025-26

Date: 04.12.2025

**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 **Supply and Installation of DATA and CCTV Active part works at Aims Girls Hostel, Bg Nagara**.as per section I & II.

01	Name of the work	Supply and Installation of DATA and CCTV Active part works at Aims Girls Hostel, Bg Nagara.
02	Last Date for Tender Submission	On or before 10.12.2025 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 Supply and Installation of **Supply and Installation of DATA and CCTV Active part works at Aims Girls Hostel, Bg Nagara** Tender Reference number..... [Insert Number]
  - ii) Address to "The HEAD, CLPC, Sri Adichunchanagiri Shikshana Trust, BGSCET Campus, Mahalakshmpuram, Bengaluru – 560086"



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- iii) 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:** 3 Years.
- 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 [clpthead@bgscet.ac.in](mailto:clpthead@bgscet.ac.in) or telephone to +91- 8123707324.
- 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.

## Section-2

### General Instructions :

- a) The vendor should use the industry best practices for implementation of complete network solution. It should be managed network.
- b) Vendor / system integrator must be in business for minimum 10years+.
- c) All the Switches, Transceivers, Access points, and Wireless controller (if any) should be from a single OEM for a better integration, performance and support (Not from Multi brand /OEM).
- d) All the switches and Access Points from Enterprise grade devices only.
- e) The CCTV System must be a project series models only.
- f) The Bidder must ensure compliance with all Regulatory and Legal guidelines issued by Department of Telecommunications & IT.
- g) Products Must integrate with existing network of AIMS
- h) The Network Architecture of the system should support scalability to support future expansions – subsequent project phases and increased user density.
- i) The DATA & Wi-Fi OEM should have TAC centre in India.
- j) Bidder must submit MAF (Manufactures Authorisation Certificate) from OEM for DATA and CCTV.
- k) Two separate Physical Network must maintain. DATA & Wi-Fi is one network and CCTV Separate network
- l) Bidder shall ensure complete system integrity, testing at site and commissioning.

- m) If any additional item or add-on work required during implementation, the vendor must take approval from management.
- n) Labelling must be done for all the devices installed, and same must be documented.
- o) All the QTY are tentative, billing must be at actuals and not exceeding BOQ.
- p) Bidder must provide a complete network diagram and Detailed Documentations after implementation.

### Bill of Material for Wired and Wireless Networking - Active Components

Sl.No	Description	Make /Model	Qty	Rate	Amount
1	SITC of L3 fully managed Core Switch 5520-24X : 24 x 1/10 SFP+ ports, 2 stacking/QSFP28 ports, and 1 unpopulated VIM slot; a switching bandwidth of 1000 Gbps or higher; support for 4K VLAN IDs, 100K Mac Address; and a redundant power supply unit from day one. Should support IEEE 802.1Q VLAN, 802.1p priority queues, IEEE 802.1ad, IEEE 802.1ag, 802.1ae, IEEE 802.1BA. The switch should have RIPv2, OSPFv2, BGP4, PIM for IPv4 and IPv6 routing, Policy based routing, unicast reverse path forwarding (uRPF), VXLAN, ELSM, ELRP, ESRP, EMISTP, ISIS, RFC 3619 etc. The switch should support both L2 and L3 fabric capabilities, with future scalability achieved by upgrading the Fabric Orchestrator license only, allowing for a fully scaled fabric architecture in the campus without the need to replace any hardware. The switch should come with a minimum of 3 years of Direct NBD support from OEM and Vendor must provide the necessary OEM contract copy for NBD support.	Extreme 5520-24X	2		



2	SITC of Switch 5420-24S-4XE: 24 x 100/1G SFP ports MACsec-capable ,4x10G SFP+ ports MACsec-capable and 2 dedicated stacking ports, and a switching bandwidth of 200 Gbps or higher; support for 32K Mac address, 4K VLAN IDs; and a redundant power supply unit from day one.Should support IEEE 802.1Q VLAN, 802.1p priority queues, IEEE 802.1ad, IEEE 802.1ag, 802.1ae, IEEE 802.1BA. The switch should have RIPv2, OSPFv2 , BGP4, PIM for IPv4 and IPv6 routing, Policy based routing, unicast reverse path forwarding (uRPF), VXLAN,ELSM,ELRP,ESRP,EMISTP, ISIS,RFC 3619 etc.The switch should support both L2 and L3 fabric capabilities, with future scalability achieved by upgrading the Fabric Orchestrator license only, allowing for a fully scaled fabric architecture in the campus without the need to replace any hardware. The switch should come with a minimum of 3 years of Direct NBD support from OEM, Vendor must provide the necessary OEM contract copy for NBD support.	Extreme 5420F-24S-4XE	1		
3	SITC of L2 fully managed Switch X435-24T: with the following specifications: 24 port 10/100/1000BASE-T, 4x1/2.5G unpopulated SFP ports and a switching bandwidth of 68 Gbps or higher; support for 4K VLAN IDs;Should have 8 Hardware QOS Queues per port, Should support IEEE 802.az Energy Efficient Ethernet (EEE),802.1ba,IEEE 802.1ag , ITU-Y.1731,IEEE 802.1D,IEEE 802.1w,IEEE 802.3bz, IEEE 802.1BA, IEEE 802.1s, application telemetry and Fabric Attach. The switch should come with a minimum of 3 years of Direct NBD support from OEM, Vendor must provide the necessary OEM contract copy for NBD support.	Extreme X435-24T	16		
4	SITC of CCTV PoE L2 fully managed Switch X435-24P with the following specifications: 24 port 10/100/1000BASE-T PoE+, 4x1/2.5G unpopulated SFP ports and a switching bandwidth of 68 Gbps or higher; support for 4K VLAN IDs;PoE power budget of 370W.Should have 8 Hardware QOS Queues per port, Should support IEEE 802.az Energy Efficient Ethernet (EEE),802.1ba,IEEE 802.1ag , ITU-Y.1731,IEEE 802.1D,IEEE 802.1w,IEEE 802.3bz, IEEE 802.1BA, IEEE 802.1s, application telemetry and Fabric Attach. The	Extreme X435-24P	10		



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	switch should come with a minimum of 3 years of Direct NBD support from OEM,Vendor must provide the necessary OEM contract copy for NBD support.				
5	SITC of WiFi PoE L2 fully managed Switch 5320-24P-8XE with the following specifications: 24x10/100/1000BASET FDX/HDX PoE+, 8x10G unpopulated SFP+ MACSec capable and a switching bandwidth of 208 Gbps or higher; support for 4K VLAN IDs;PoE power budget of 370W.The switch should have RIPv2, OSPFv2 , BGP4, PIM for IPv4 and IPv6 routing, Policy based routing, unicast reverse path forwarding (uRPF), VXLAN,ELSM,ELRP,ESRP,EMISTP, ISIS,RFC 3619 etc.The switch should support both L2 and L3 fabric capabilities, with future scalability achieved by upgrading the Fabric Orchestrator license only, allowing for a fully scaled fabric architecture in the campus without the need to replace any hardware .Switch Should support IEEE 802.1Q VLAN, 802.1p priority queues, IEEE 802.1ad, IEEE 802.1ag, 802.1ae, IEEE 802.1BA. The switch should come with a minimum of 3 years of Direct NBD support from OEM,Vendor must provide the necessary OEM contract copy for NBD support.	Extreme 5320-24P-8XE	11		
6	SITC of WiFi6E Managed AP3000-WW Indoor, 2x2 radios with Dual 5GHz and 1x1GbE port. Integrated light/power sensors & BLE/Zigbee. AI/ML green mode. Internal antennas. Access Point should support minimum 1.7 Gbps or more data rate including both the radio and should support dual 5Ghz, Access point should have Integrated BLE. Access point should be UL2043 - Plenum Rated. The Access point should come with a minimum of 3 years of Direct NBD support from OEM,Vendor must provide the necessary OEM contract copy for NBD support.	Extreme AP3000-WW	180		

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7	SITC of a virtual wireless controller VX9000 for 250 access points from day one, including the necessary licenses. The controller should be scalable to support up to 500 access points in the future through additional licenses. It must support a minimum of 10,000 clients, with future scalability. The controller should support WIRELESS SECURITY: WEP, WPA-TKIP, WPA2-AES, WPA-3, 802.11i, 802.1X, local database, Active Directory, RADIUS, LDAP. The controller should support for multiple SSIDs, and compatibility with 802.11ac Wave 1 and Wave 2, as well as 802.11ax. It should also support centralized, distributed, and mesh deployment options.	Extreme VX9000	1		
8	SITC of 1000BASE-LX SFP, MMF 220 & 550 meters, SMF 10km, LC connector, Industrial Temp	Extreme 10052H	60		
9	SITC of 10 Gigabit Ethernet SFP+ module, Multi Mode, LC connector	Extreme 10301	40		
10	SITC of Rack Mountable Server : Intel Xeon 16C, 128GB RAM, 5x 1.2TB SAS Disk, 2x 10G Base-T, 2x750W PSU, 3Yr 24x7 4Hr Response from OEM for Hardware. Softwares: OS Linux, Virtualization Software Open Source, DHCP Server must installed and configured, Guest VMs,	Lenovo / HPE	1		
11	SITC of Legrand 033760 CAT6, 24-port loaded Modular PatchPanel Toolless Cassette Type, Equipped with 4 cassettes of 6 RJ45 CAT6 connectors with toolless fast connection, Cassettes removal option by simply pressing the button on the front and individual CAT6 RJ45 removal for maintenance.	Legrand 033760	35		
12	CAT6 28AWG LSZH Slim Patch cord for RACK Side – 1mtr	Belden / Panduit /Commscope	800		
13	CAT6 LSZH Patch Cord for User Side - 2mtr	Legrand / Belden /Commscope	400		
14	SITC of 6Core Multi Mode OM3 Aromoured Fiber Optic Cable LSZH - in Mtrs	Legrand / Belden /Commscope	900		
15	SITC of Fully Loaded 19-inch Drawers 24Port LIU MM with	Legrand / Belden	12		

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	marking area, Protection class IP 20,	/Commscope			
16	SITC of Pigtail MultiMode OM3 LSZH LC - 1mtr	Legrand / Belden /Commscope	200		
17	Multi Mode OM3 LC- LC Patch Cord - 3mtr	Legrand / Belden /Commscope	60		
18	SITC of 12Core Single Mode OS2 Aromoured Fiber Optic Cable LSZH - in Mtrs	Legrand / Belden /Commscope	400		
19	SITC of Fully Loaded 19-inch Drawers 24Port LIU SM with marking area, Protection class IP 20,	Legrand / Belden /Commscope	2		
20	SITC of Pigtail Singel Mode LSZH LC - 1mtr	Legrand / Belden /Commscope	48		
21	Single Mode LC- LC Patch Cord - 3mtr	Legrand / Belden /Commscope	20		
22	SITC of 15U Wall mount 500x600 RACK with accessories	Valrack / NetRACK/ Schneider	10		
23	SITC of 42U 800x1000 Floor Standing RACK with front Glass Door, rear Double- mesh door with PDU and accessories	Valrack / NetRACK/ Schneider	2		
24	SITC of 32MM PVC Conduits for Fiber Cabling - in Mtrs		400		
25	Service : End to End CAT6 cable testing with ferrules for DATA, WiFi Points.( Approx Total Points 600.)	Lum Sum	1		
	<b>Total of Wired and Wireless Networking</b>				



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### Bill of Material for CCTV System

Sl.No	Description	Model	Qty	Rate	Amount
1	SITC of 2MP IR Indoor Fixed Vandal Dome Camera - 1/2.8" Progressive Scan CMOS, 1920 × 1080 at 25fps, 2.8mm Fixed lens, 0.0007 lux@F1.6(Color, 30 IRE), ONVIF, support H.265, H.264, MJPEG, WDR, 3D Digital Noise Reduction, Three individually configurable stream, privacy Masking -4minimum zone, 12 VDC & PoE, IR range: 40m, Support on-board storage minimum 256 GB (SD card not included), Alarm : 1 inputs & 1 outputs, Audio: 1 input & 1 output, built-in MIC, IP67, IK10, Metal, Edge Analytics- Intrusion detection, Face Recognition. CE, UL, FCC, BIS, ROHS certified.	Honeywell I-HIPD2PI-MVF / Dahua DH-IPC-HDBW5241R-ASE	180		
2	SITC of 2MP IR Motorised Bullet Varifocal Camera -1/2.8" Progressive Scan CMOS, 1920 × 1080 at 25fps, 2.7 to 12mm Varifocal Motorized lens, 0.0007 lux@F1.5 (Color, 30 IRE), ONVIF (PROFILE S, PROFILE G), support H.265, H.264, MJPEG, WDR, 3D Digital Noise Reduction, privacy Masking -4minimum zone, Three individually configurable stream, 12 VDC & PoE, IR range: 50m, Support on-board storage Minimum 256 GB (SD card not included), Alarm : 1 inputs & 1 outputs, Audio: 1 input & 1 output, built-in MIC, IP67, K10, Edge Analytics- , Line crossing detection, Intrusion detection, Face Recognition. CE,UL, FCC, BIS, ROHS certified.	Honeywell I-HIPB2PI-MV / Dahua DH-IPC-HFW5241E-ZE	10		
3	SITC of 32ch Network Video Recorder-Connect Up to 32 IP Cameras, Up to 12 Megapixels Resolution, HDMI and VGA independent outputs provided, HDMI output of 4K resolution, VGA output with output upto 1920 × 1080, Support H.265, MJPEG, ANPR by Camera, Incoming Bandwidth 320 Mbps and outgoing Bandwidth 400Mbps, 4 SATA Hard Disks, 4 SATA interfaces for 4 HDDs and capacity of each HDD upto 12TB, 3 × USB at least 1 × USB with 3.0, RS-485, RS-232, Alarm I/O 16/4, 2x RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface, Multiple network monitoring: Web viewer, CE, FCC, BIS certified	HikVision DS-7732N (or) Dahua NVR608RH-32-XI	1		

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4	SITC of 64ch Network Video Recorder-Connect Up to 64 IP Cameras, Up to 12 Megapixels Resolution, HDMI1 and HDMI2/VGA2 outputs provided, Support H.265, MJPEG, Supports N+1 hot spare system, Supports RAID0, RAID1, RAID5, RAID6 and RAID10, Dual Power-Redundant, ANPR by Camera, Incoming Bandwidth 400 Mbps, 8 SATA Hard Disks, 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 xRJ-45 10/100/1000 Mbps self-adaptive Ethernet interface, Multiple network monitoring: Web viewer, CE, FCC, BIS certified.	Hikvision DS-9664NI-M8/R (or) Dahua NVR608RH-64-XI	4		
5	SITC of 4MP/ 5MP PTZ 150M IR Camera, 0.005 lux@F1.6, 2560 × 1440, 32x optical, 4.3 mm to 140 mm, 120db WDR,TVS 6000V lightning protection, IP66	Honeywell I-HIP5PI-P33X / Dahua SD6CE432GB-HNR	2		
7	6TB Surveillance Hard disk	Seagate / WD	28		
8	43-inch Professional Display, 2x HDMI, 350nits brightness, Ratio 4000:1, Resolution 3,840 x 2,160 (16:9) with full and push mount kit	Samsung/LG	2		
9	Desktop : Intel Core i7-14th Gen, 16GB RAM, 500GB SSD, Windows 11 Pro 64bit, 8GB graphics card, 1G Ethernet, 3years Warranty from OEM	Lenovo/Dell/HP	1		
10	End to End Cable testing, Termination and numbering - 200 CCTV Points	Lum Sum	1		
<b>Total Of CCTV System</b>					




## PARTICULARS OF THE BIDDER

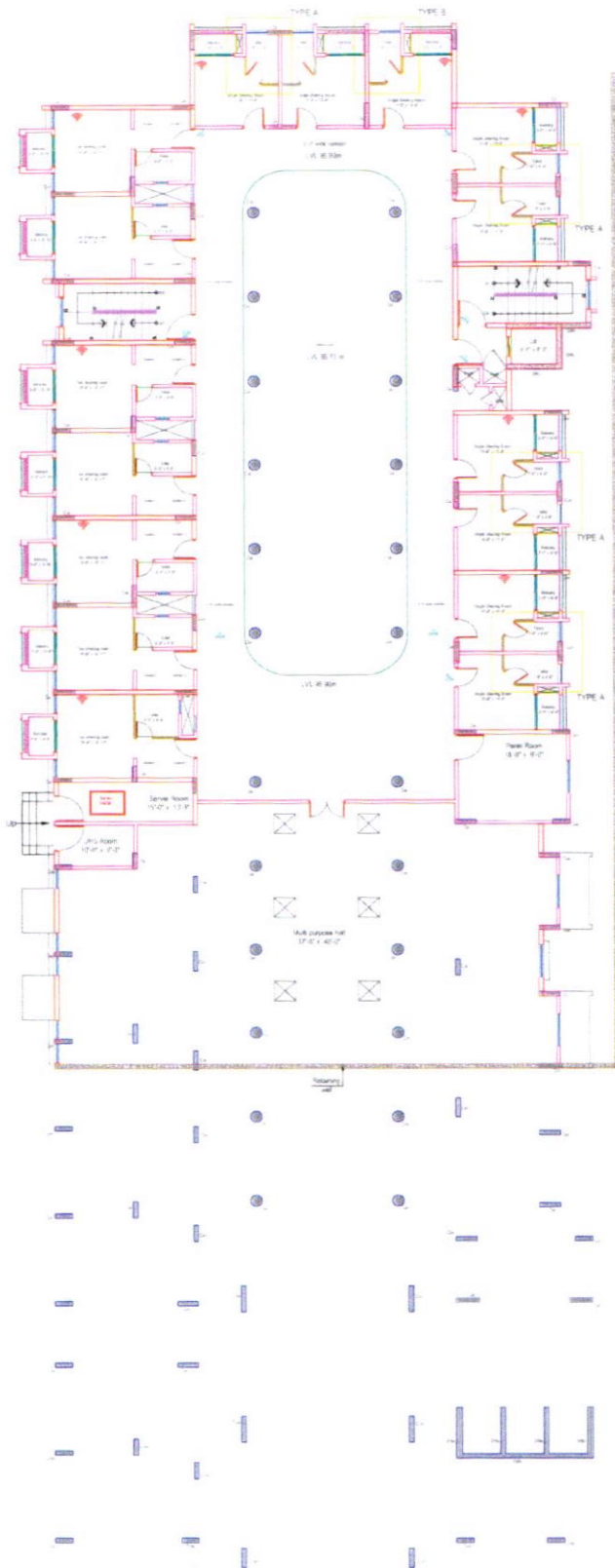
Sr. No	Description	Details (to be filled by the responder to the Bid)
1	Name of the company	
2	Official address	
3	Phone No. And Fax No.	
4	Corporate Headquarters Address	
5	Phone No. And Fax No.	
6	Web Site Address	
7	Details of Company's Registration (Please enclose copy of the company registration 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, IFSC, MICR)	

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 Amount of Supply and Installation of Wired and Wireless Networking at Aims Girls Hostel, Bg Nagara.	
2	Total Amount of Supply and Installation of CCTV System at Aims Girls Hostel, Bg Nagara.	
3	<b>Grand Total</b>	
<b>Total in Rs and in words –</b>		

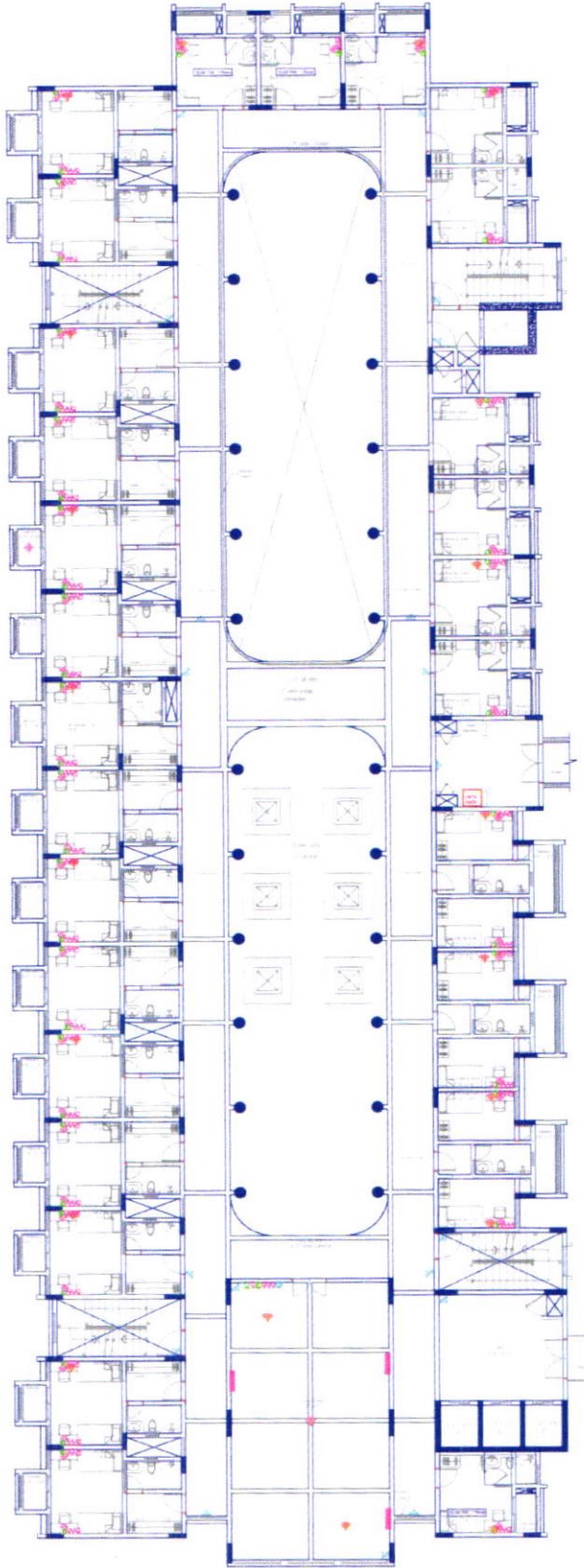
  
**THE HEAD**  
**CLPC, ACU**  
 Mahalakshmpuram,  
 Bengaluru - 560 086.



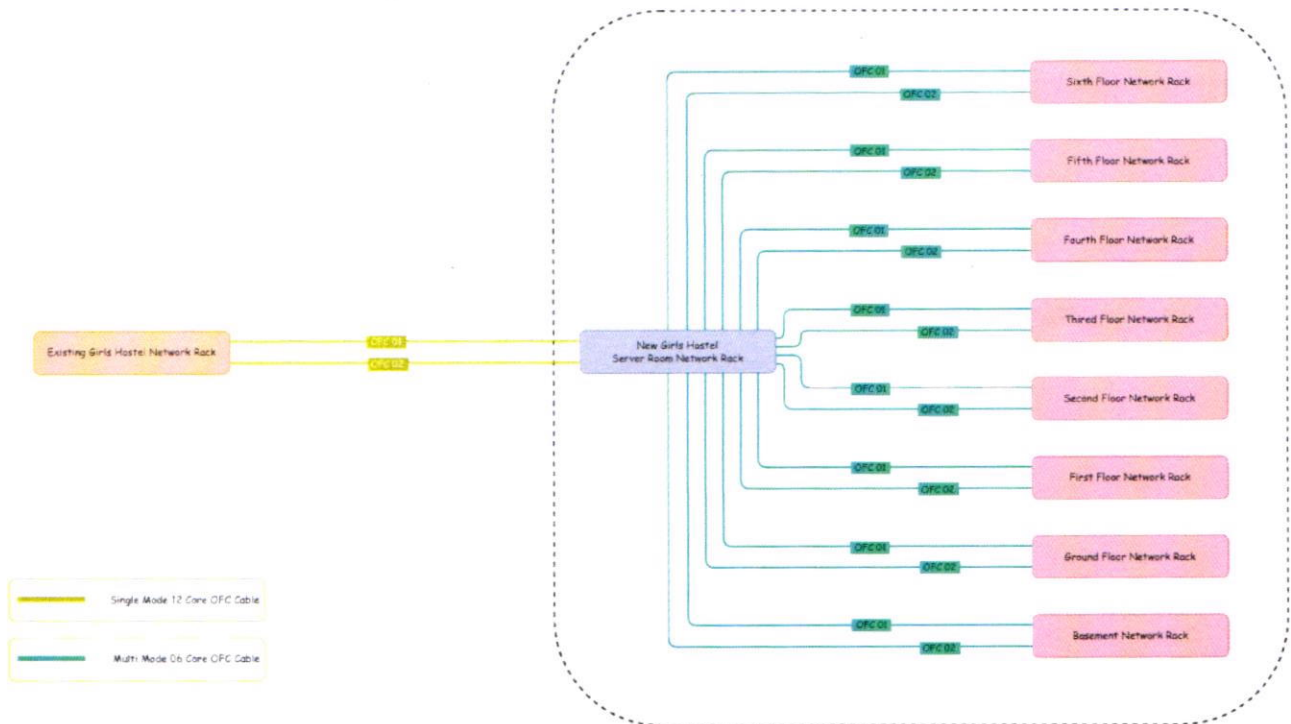
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Ground Floor to Sixth Floor Typical

AIMS Girls Hostel Expansion - Optical Fiber Cable Layout

  
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