

Bid Document

Bid Details	
Tender number	IMU-KC/CCTV/2020-21 dated 19.02.2021
Bid End Date/Time	04.03.2021
Organization Name	Indian Maritime University
Office Name	Kolkata Campus
Address	P-19 Taratala Road Kolkata -700088
Item Category	Camera for CCTV System, Video Recorder for CCTV System, Layer 2 Access Switch, Liquid Crystal Display LCD Panel or Monitors, Cables suitable for CCTV System (Accessories), Laying & Installation Charges for Cables (with PVC conduit) Suitable for CCTV System (Accessories, Online UPS, Networking/Server Rack, Power supply arrangements for the entire system as per system requirements.
Bidder Turnover (Last 3 Years)	3 Lakh (s)
OEM Average Turnover (Last 3 Years)	18 Lakh (s)
Experience Criteria	2 Year (s)
MSE Exemption for Years Of Experience and Turnover	Yes
Startup Exemption for Years Of Experience and Turnover	Yes
Document required from seller	Experience Criteria, Past Performance, Bidder Turnover, Certificate (Requested in ATC), OEM Authorization Certificate, OEM Annual Turnover, Additional Doc 1 (Requested in ATC), Additional Doc 2 (Requested in ATC), Additional Doc 3 (Requested in ATC), Additional Doc 4 (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be submitted for evaluation by the buyer.

Invitation for Bids:

The Indian Maritime University, Kolkata Campus (hereinafter referred to as the buyer or IMU-KC) intends to invite bids for supply, installation, testing, commissioning and maintenance of CCTV system with recording facility for any selected or all the channels simultaneously. For this purpose, Sealed Tenders are invited from reputed, experienced and technologically sound Supplier cum Service Providers/Companies/ Agencies having adequate infrastructure, experience in similar nature and magnitude, in Government organizations as specified in eligibility criteria for handling the works such CCTV system and providing back to back AMC

Type of Tender	Two cover system Cover-I-Technical Bid Cover-II- Price Bid
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EMD Detail

Required	No
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ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	3.00
Duration of ePBG required (Months).	15

Splitting

Bid splitting not applied.

MSE Purchase Preference

MSE Purchase Preference	Yes
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Sl. No.	Description	UOM	Qty.
1	3MP Full HD WDR IR Vandal Dome Network Camera - 20 Mtr. IR Range of 20 Mtrs, Smart IR, 1P67, IK 10, PoE	Nos.	46**
2.	16-port Gigabit Ethernet managed PoE/PoE+ Switches. (180w) Power Supply – internal Rack Mountable	Nos.	1
3	8-port Gigabit Ethernet managed PoE/PoE+ Switches (90w) Power Supply - internal Rack Mountable	Nos.	6
4	32 Channel NVR, 4K output with 4 Sata HDD support / H.265 Built in 4 TB HDD	Nos.	2
5	8 TB HDD must be compatible with NVR.	Nos	2
6	15 U Rack with 2PDU, 2 Fan and Hardware set, 2Tray, with wheel. indoor	Nos.	2
7	4U Rack CCTV/NVR/Cabinet box wall mount with lock with fan and pdu	Nos.	7
8	LED Smart Television 32"	Nos.	2
9	Cat6 UTP Cable (Final bill depend upon the actual consumption)	Mtrs.	3000 Approx.
10	Cat6 RJ45 Box	Box	1
11	Conduit pipe for camera (Final bill depend upon the actual consumption)	Mtrs.	1800 Approx.
12	installation, Testing and Commissioning of Surveillance System	Job	1
13	Power supply arrangements for the entire system as per system requirements.	Job	1
14	Comprehensive Maintenance Contract for 3 years post 1-year warranty/guarantee from the date of completion of Installation.		

** Camera requirement may be enhanced.

All offered items should be ISI marked

Special terms and conditions for category Laying & Installation Charges for Cables (with conduit) Suitable for CCTV System (Accessory)

- a. In addition to General Terms and Conditions of the Bid following Special T&C shall be applicable for Laying & Installation charges for Cables (with conduit as required) suitable for CCTV System:
 - i. Inclusive in the Scope of laying & installation:
 1. Supply of Conduit and Laying of Conduit with necessary fittings such as bends, joints, reducers, Tees etc., wherever required.
 2. All necessary accessories such as conduit pipe fittings, mounting clips etc., for proper laying and installation of Conduit, wherever required.
 3. Supply of suitable Connectors required for connecting the cable with Camera / DVR / NVR / HVR / SFP module / PoE Switch etc as required.
 4. Proper dressing of Cable ends, Pre-forming of connecting cables (end termination) and Fixing suitable connectors as required.
 5. Digging of trench for underground laying and properly closing the trench after completion of laying work, wherever required.
 6. The trench for underground laying, wherever applicable, may be upto 30 cm (1 foot) wide and depth as specified in the contract. seller may use horizontal boring machine if required.
 7. Cutting / Chiseling of grooves in the walls for concealed laying in walls and Cementing & finishing of the grooved portion after completion of laying work, wherever required.
 8. Power supply provisions for Camera / DVR / NVR / HVR / SFP module / PoE Switch etc as required with 1.5 sq mm FRLS copper wire with PVC conduit and proper laying with installation (P,N, & E).

Terms and Conditions

- 1. Bidder Turnover Criteria:** The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document (i.e. Rs. 3,00,000.00). Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be submitted with the bid. In case the date of constitution / incorporation of the OEM is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
- 2. Experience Criteria:** In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central/ State Govt Organization / PSU / Public Listed Company for number of Two Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
- 3. OEM Turn Over Criteria:** The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document (i.e. Rs. 24,00,000). Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be submitted with the bid. In case the date of constitution / incorporation of the OEM is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into

account for this criteria.

4. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be submitted along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference/price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price.

5. Past Performance:

A) The Service Provider should have satisfactorily completed "Similar Supply/Service" involving values any of the following (i.e. (a) or (b) or (c)) in last Three financial years i.e. from 2017-18 to 2019-20.

- a) One similar work of value at least Rs. 5.6 Lakh (Rupees Five Lakh Sixty Thousand) [OR]
- b) Two similar works of value at least Rs.3.5 Lakh each (Rupees Three Lakh Fifty Thousand) [OR]
- c) Three similar works of value at least 1.4 Lakh each (Rupees One Lakh Forty thousand)

B) Copy of Purchase Order/Work Order and Copy of Completion Certificate/Final Invoice should be furnished for each of the projects.

6. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the Consignee's Location i.e. Kolkata.

7. Dedicated /toll Free Telephone No. for Service Support: BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.

8. Escalation Matrix for Service Support: Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

9. Submitted Manufacturer authorization: Wherever Authorized Distributors are submitting the bid, Manufacturers Authorization Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.

10. Malicious Code Certificate:

The seller should submitted following certificate in the bid: -

- (a) This is to certify that the Hardware and the Software being offered, as part of the contract, does not contain Embedded Malicious code that would activate procedures to
 - (i) Inhibit the desires and designed function of the equipment.
 - (ii) Cause physical damage to the user or equipment during the exploitation.
 - (iii) Tap information resident or transient in the equipment/network.
- (b) The firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyright and Intellectual Property Right (IPRs) are caused due to activation of any such malicious code in embedded software.

11. Scope of supply includes Training: Number of employees to be trained

02, Place for Training Kolkata and Duration of training 7 working days.

12. Supply all essential accessories: The successful bidder has to supply all essential accessories required for the successful installation and commissioning of the goods supplied.

13. Timely Service and Penalty:

A) Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 24 hours. If the Seller fails to complete service / rectification with defined time limit then following penalty will be applicable:

a) Rs. 250/- for No Proper Response (or) not fixing the problem complaint within 24 hours.

b) Rs. 250/- per day for non-replacement of spares/cables/other item(s) within 24 hours.

B) Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to reimburse the cost of such service / rectification to the Buyer.

14. Comprehensive Maintenance Contract:

A) Bidder / OEM has to give an undertaking that after expiry of warranty period, it will provide Comprehensive Maintenance Service for next 3 years for the offered products

B) Buyer will enter into a CMC agreement with the Successful Bidder / OEM after expiry of the Warranty period of one year at Quoted rate and the payment for the CMC charges would be made Quarterly after rendering of the CMC Services of the relevant CMC period.

C) Performance Security of the successful bidder shall be forfeited if it fails to accept the CMC contract when called upon by the buyer.

D) The original Performance Security of contract will be returned only after submission and verification of AMC Performance Security for 3% of total CMC value (Value meaning AMC value first year + second year + third year) valid up to CMC period plus 3 months (if there is no other claim).

15. ISO Certificate: ISO 9001: The bidder or the OEM of the offered products must have ISO 9001 certification.

16. Bidder Registration having beneficial ownership in countries:

Bidders having beneficial ownership in countries which share land border with India will be eligible to bid in public procurement, only if they are registered with the competent authority.

17. Payment Terms:

A. No advance payment will be made.

B. The successful Service Provider should furnish the bill for supply and successful installation of CCTV System to the IMU-Kolkata Campus, in Triplicate on completion of the work. The payment shall be made based on successful completion/installation of the CCTV System

C. The Bills shall be submitted as follows:

Sl.No	Time to Raise Bill	Submission of Bill
1	After successful Delivery & Installation and commissioning of the system along with trial report.	Bill shall be submitted along with Installation and trial report for the cost. The bill must clearly mention each line item separately indicating quantity, unit price and total cost. GST and any other applicable tax needs to be shown separately
2	AMC Charges for 3 years post 1-year warranty/guarantee from the date of completion of Installation.	Payment shall be made quarterly. Bill to be submitted at the end of quarter.

D. Payment shall be made within 10 working days from the date of submission of bill along with satisfactory completion certificate and trial report of the committee formed by the institute to verify system performance. The AMC bill payment would be made at the end of quarter subject to no outstanding defect in the system.

18. TAXES AND DUTIES. The Tax Invoice raised by the supplier must be in compliance of relevant GST acts, rules & notifications. The rate and amount of CGST, SGST, IGST and GST (Compensation to state) cess, related to supply of goods, shall be shown separately in tax invoice for each item of supply.

19. Anti-Profitereing Rules of GST. The Service Provider should strictly adhere with the Anti-Profitereing Rules of GST.

20. Confidentiality. The Supplier/Service Provider and their personnel shall not, either during implementation or after completion of the project, disclose any proprietary or confidential information or data relating to IMU-Kolkata Campus Office Documents without the prior consent of the IMU-Kolkata Campus. IMU-Kolkata Campus reciprocally agrees to do likewise regarding any proprietary or confidential information or data relating to the Service Provider which may come into the possession or custody of IMU-Kolkata Campus in the course of the project.

21. Execution of Contract. The successful Service Provider has to enter in to an agreement with IMU-Kolkata Campus incorporating all clauses of the Tender document and any other as may be agreed to by both the parties on a Non-Judicial Stamp Paper of Rs.100/-.

22. Termination Clause:

(a) In the event of the breach of any of the provisions of contract by the supplier, IMU shall have the right to terminate the tender summarily, at any stage.

(b) In the event of IMU terminating the contract for breach by the supplier of any of the provisions thereof, the supplier shall be liable for any loss suffered by IMU- Kolkata Campus up to the time of the termination of the contract

23. Indemnity:

The selected Service Provider shall indemnify IMU-Kolkata Campus from and against any costs, loss, damages, expense, claims including those from third parties or liabilities of any kind how-so-ever suffered including patent, copyright, trademark and trade secret, arising or incurred inter-alia during and after the Contract period out of:

(a) Negligence or wrongful act or omission by the Selected Service Provider or its team or any Agency/ Third Party in connection with or incidental to this Contract; or

(b) Any breach of any of the terms the Selected Service Provider's Proposal as agreed, the Tender and this contract by the Selected Service Provider, its Team or any Agency/ Third Party.

(c) Service Provider (the "Indemnifying Party") undertakes to indemnify the client (the

"Indemnified Party") from and against all losses, claims for damages including losses, claims for damages on account of bodily injury, death or damage to any of his personnel while working in the campus.

- 24. Arbitration & Jurisdiction.** In the event of disputes, differences, claims and questions arising between the parties hereto arising out of this Agreement or anyway relating hereto or any term, condition or provision herein mentioned or the construction or interpretation thereof or otherwise in relation hereto, the parties shall first endeavour to resolve such differences, disputes, claims or questions by mutual discussion and failing such settlement, the same shall be referred for arbitration by a sole Arbitrator appointed by the Director, IMU-Kolkata Campus. Such arbitration shall be held in accordance with the provisions of the Arbitration and Conciliation Act 1996 or re-enactment thereof for the time being in force and shall be held in Kolkata. In case the Arbitration award is not acceptable to either of the parties, they may approach courts having jurisdiction at Kolkata only.
- 25. Applicable Law.** The Contract shall be interpreted in accordance with the laws of the Union of India and all disputes shall be subject to place of jurisdiction of Kolkata only.
- 26. Scope of Supply:** Installation, testing and commissioning of Goods.
- 27.** Successful Bidder can submit the Performance Security in the form of Payment online through RTGS / internet banking. On-line payment shall be in Beneficiary Name Indian Maritime University - Kolkata Campus Account No. 33984626228 IFSC Code SBIN0018118 Bank Name State Bank of India Branch Address P-19 Taratala Road. Successful Bidder to indicate Contract number and name of Seller entity in the transaction details field at the time of on-line transfer. Bidder has to submitted scanned copy / proof of the Online Payment Transfer in place of PBG within 15 days of award of contract.
- 28.** Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.
- 29.** Product offer by the vendor should be compatible with existing LAN system.
- 30.** Tender validity one year from the date of purchase order.
- 31.** For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:
- a. Purchase Order copy along with Invoice(s) with self-certification by the bidder that supplies against the invoices have been executed.
- 32.** The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent at the time of placement of contract. The purchaser *also* reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.
- 33.** Bidder's offer is liable to be rejected if they don't submit any of the certificates / documents sought in the Bid document and Corrigendum if any.

Statement No.1

Covering Letter to Accompany Technical Bid

On the Letter head of the Service Provider and to be put in a separate sealed cover along with Statement no. 2 (Technical Bid).

Reference: IMU's Tender Notification for supply, installation, testing, commissioning and maintenance of CCTV system with recording facility for any selected or all the channels simultaneously with Three years AMC post 1 year warranty/guarantee of IMU-KC vide Tender No. IMU-KC/CCTV/2020-21 dated 15.02.2021

From

Name & Address of the Service Provider

To
The Director
Indian Maritime University
Kolkata Campus
Kolkata – 700088

Sir,

We are a

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[Introduce your company and its activities with particular reference to your experience in Supply for IT-CCTV System with one year warranty. Also furnish particulars of your registration with various statutory Tax authorities. *Not more than 200 words*].

- 2) We have read and understood and hereby agree to all the terms and conditions stipulated by IMU-Kolkata Campus in this tender including the Deliverables under the Project, the Time Line for delivery, Payment Terms including Warranty etc.
- 3) We certify that all the particulars furnished in our Bid are true and correct and based on documentary evidence. We understand that if any of the particulars is found to be false or misleading, IMU-Kolkata Campus has the right to summarily reject our bid at any stage.
- 4) In the event of our being awarded the work, and understanding the urgency involved, we undertake to remit the Security Deposit along with acceptance of the purchase order within 07 days from the date of issue of the Purchase Order.
- 5) Our Price Bid is inclusive of all duties and charges if any and exclusive of GST and the price quoted shall be valid till the execution of the entire contract.
- 6) We shall work closely with IMU- Kolkata Campus and keep IMU- Kolkata Campus posted at every stage about the progress made, and handover the entire data to IMU- Kolkata Campus on conclusion of the project.
- 7) We shall render all assistance to IMU- Kolkata Campus to make the projects a success including provision of Training to any person designated by the Director, IMU-Kolkata Campus or any other designated officer in IMU-Kolkata Campus premises to handle operation and first line trouble shooting of CCTV System.

Yours faithfully,

Date:

Signature with Seal of Authorized Signatory

Place:

Statement No.2 –

TECHNICAL BID: Qualifying Criteria

Sl. No.	Criteria	Reference serial number of Term and Condition	Mode of proof	Page number at which document is placed
1.	Bidder Turnover Criteria	Sl. No.1		
2.	Experience Criteria	Sl. No.2		
3.	OEM Turn Over Criteria	Sl. No.3		
4.	Purchase preference to Micro and Small Enterprises (MSEs)	Sl. No.4		
5.	Past Performance	Sl. No.5		
6.	Availability of Service Centres	Sl. No.6		
7.	Dedicated /toll Free Telephone No. for Service Support:	Sl. No.7		
8.	Escalation Matrix for Service Support	Sl. No.8		
9.	Manufacturer Authorization letter	Sl. No.09		
10.	Undertaking on: Malicious Code Certificate	Sl. No.10		
11.	Under taking on: Scope of supply includes Training	Sl. No.11		
12.	Undertaking on: Supply all essential accessories	Sl. No.12		
13.	Undertaking on: Timely Service and Penalty	Sl. No.13		
14.	Undertaking on: Compressive Maintenance Contract	Sl. No.14		
15.	ISO 9001certificate	Sl. No.15		
16.	Undertaking on: Bidder Registration having beneficial ownership in countries	Sl. No. 16		

Declaration

I / We certify that all the particulars furnished above are true and correct and based on documentary evidence, and that I /we understand that if any of the above particulars and/or Undertaking is found to be false or misleading, our bid is liable to be summarily rejected at any stage and my /our company is liable to be blacklisted/debarred by IMU for at least 3 years.

Date:

Place:

Signature with Seal of Authorized Signator

Technical Document format

SI	Description	UOM	Qty.	Vendor Offered Value
1	3MP Full HD WDR IR Vandal Dome Network Camera - 20 Mtr. IR Range of 20 Mtrs, Smart IR, 1P67, IK 10, PoE	Nos.	46	
2.	16-port Gigabit Ethernet managed PoE/PoE+ Switches. (180w) Power Supply – internal Rack Mountable	Nos.	1	
3	8-port Gigabit Ethernet managed PoE/PoE+ Switches (90w) Power Supply - internal Rack Mountable	Nos.	6	
4	32 Channel NVR, 4K output with 4 Sata HDD support / H.265 Built in 4 TB HDD	Nos.	2	
5	8 TB HDD must be compatible with NVR.	Nos	2	
6	15 U Rack with 2PDU, 2 Fan and Hardware set, 2Tray, with wheel. indoor	Nos.	2	
7	4U Rack CCTV/NVR/Cabinet box wall mount with lock with fan and pdu	Nos.	7	
8	LED Smart Television 32"	Nos.	2	
9	Cat6 UTP Cable (Final bill depend upon the actual consumption)	Mtrs.	3000 Approx.	
10	Cat6 RJ45 Box	Box	1	
11	Conduit pipe for camera (Final bill depend upon the actual consumption)	Mtrs.	1800 Approx.	
12	installation, Testing and Commissioning of Surveillance System	Job	1	
13	Power supply arrangements for the entire system as per system requirements.	Job	1	
14	Comprehensive Maintenance Contract for 3 years post 1-year warranty/guarantee from the date of completion of Installation.	Agree/Disagree		

Price Bid

[On the Letter head of the Service Provider and to be put in a separate sealed cover] Reference: IMU's Tender Notification for Supply and installation of IT-CCTV System with three years Warranty of IMU-KC vide Tender No.

From

Name & Address of the Service Provider

To
The Director
Indian Maritime University
Kolkata Campus
Kolkata – 700088

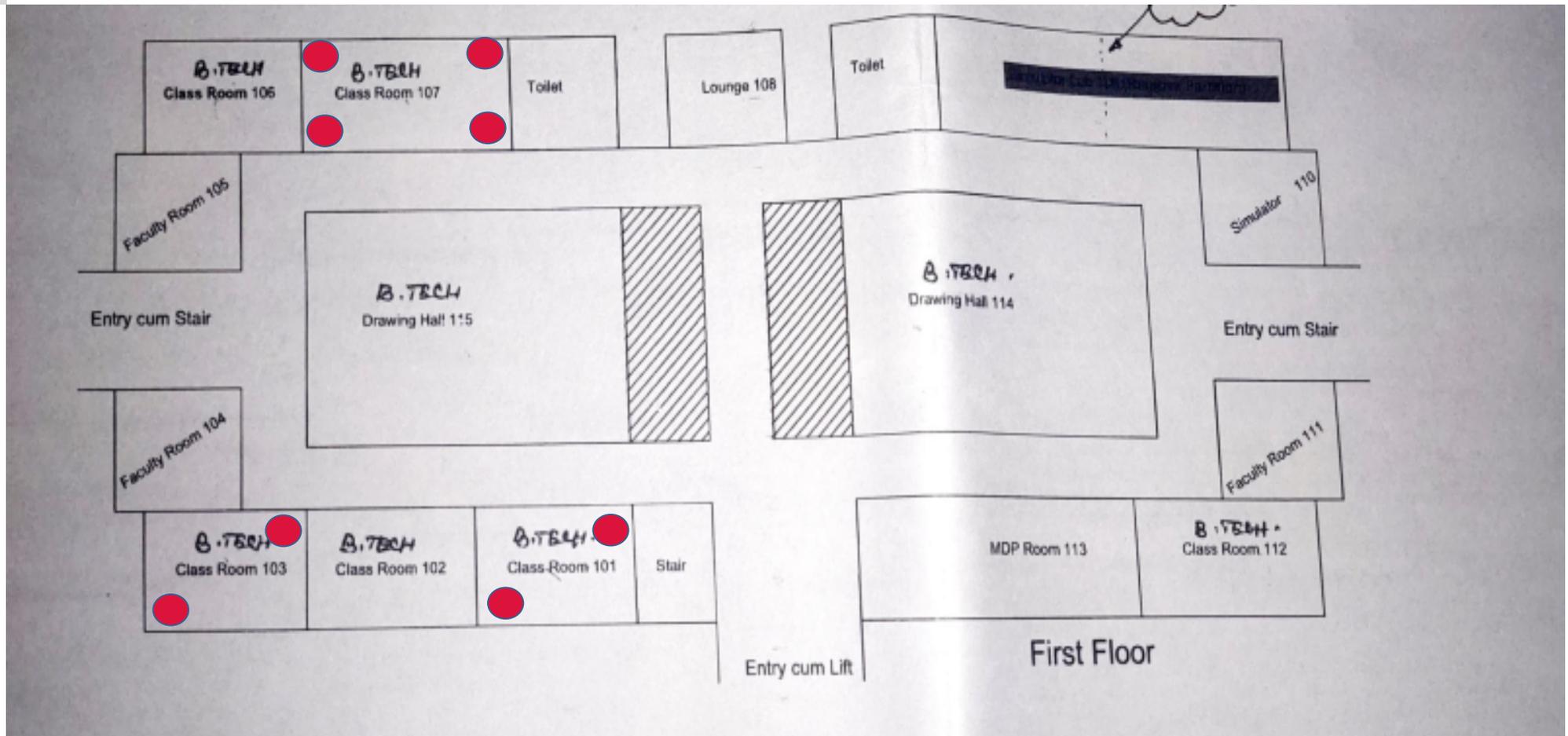
Dear Sir,

We hereby submit our Price Bid in for providing Supply and installation of CCTV System with 3 years AMC post 1 year warranty/guarantee from the date of completion of Installation at the quoted rates inclusive of applicable GST.

SI	Description	UOM	Qty.	Unit Rate (inclusive of GST)	Total Rate (inclusive of GST)
1	3MP Full HD WDR IR Vandal Dome Network Camera - 20 Mtr. IR Range of 20 Mtrs, Smart IR, 1P67, IK 10, PoE	Nos.	46		
2.	16-port Gigabit Ethernet managed PoE/PoE+ Switches. (180w) Power Supply – internal Rack Mountable	Nos.	1		
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4	32 Channel NVR, 4K output with 4 Sata HDD support / H.265 Built in 4 TB HDD	Nos.	2		
5	8 TB HDD	Nos	2		
6	15U Rack, with 2PDU, 2 Fan and Hardware set, 2Tray, with wheel. indoor	Nos.	2		
7	4U Rack CCTV/NVR/Cabinet box wall mount with lock with fan and pdu	Nos.	7		
8	LED Smart Television 32"	Nos.	2		
9	Cat6 UTP Cable	Mtrs.	3000		

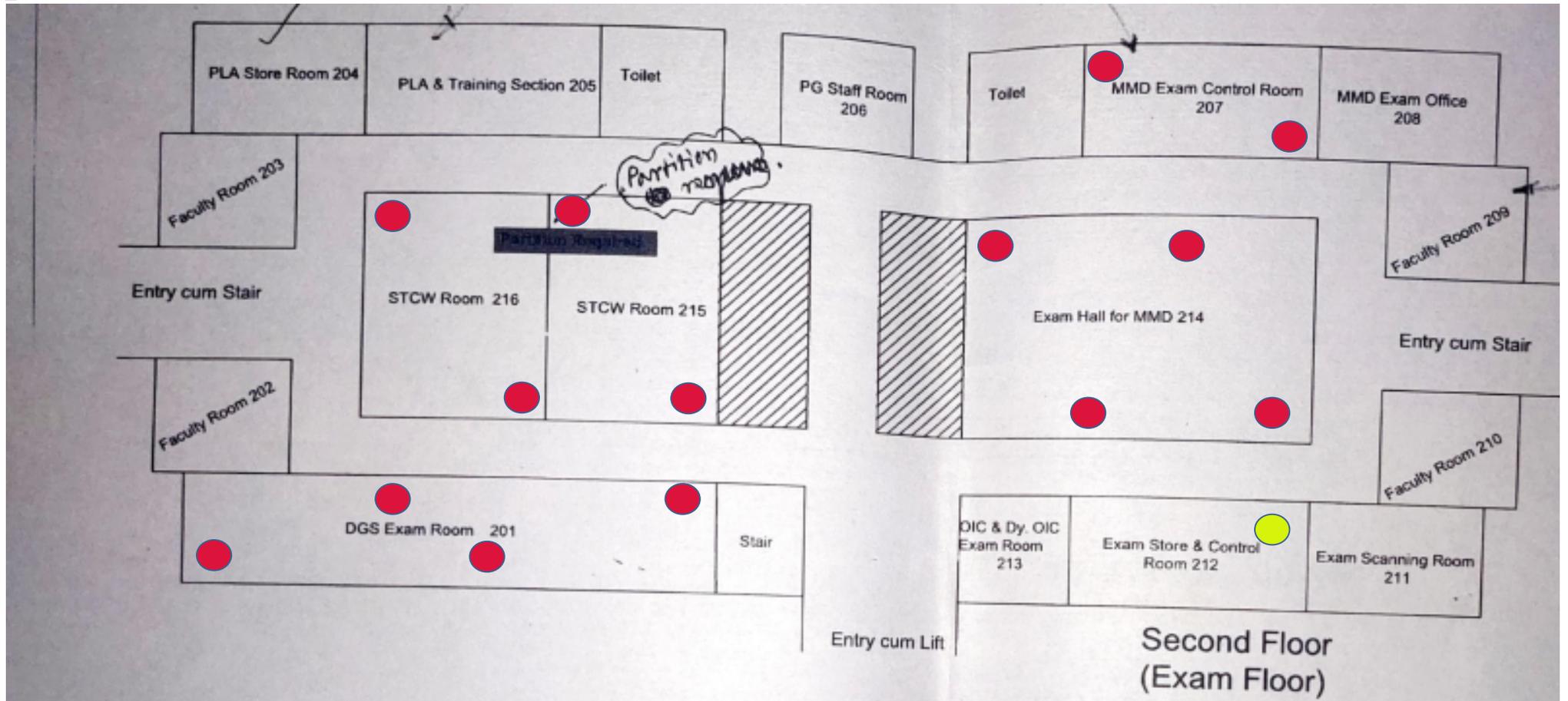
	(Final bill depend upon the actual consumption)		Appr ox.		
10	Cat6 RJ45 Box	Box	1		
11	Conduit pipe for camera (Final bill depend upon the actual consumption)	Mtrs.	1800 Appr ox.		
12	installation, Testing and Commissioning of Surveillance System	Job	1		
13	Power supply arrangements for the entire system as per system requirements.	Job	1		
14	Comprehensive Maintenance Contract for 3 years post 1-year warranty/guarantee from the date of completion of Installation.				
a)	Year1				
b)	Year 2				
c)	Year 3				
14.	Life Cycle Cost for 4 years (Sl. No. 1 to Sl. No. 14)				

IMU Kolkata New Building 1st floor layout



● CCTV

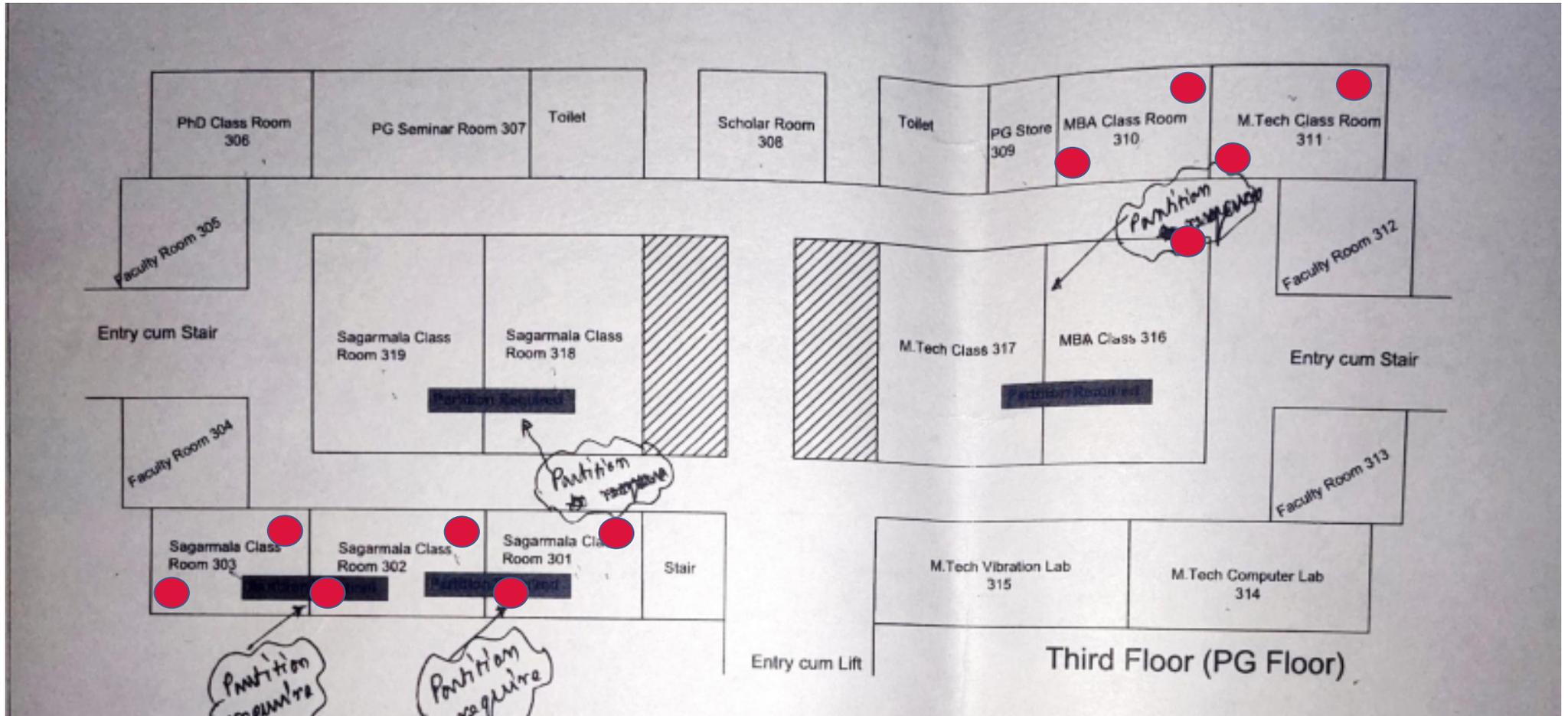
IMU Kolkata New Building 2nd floor layout



● CCTV

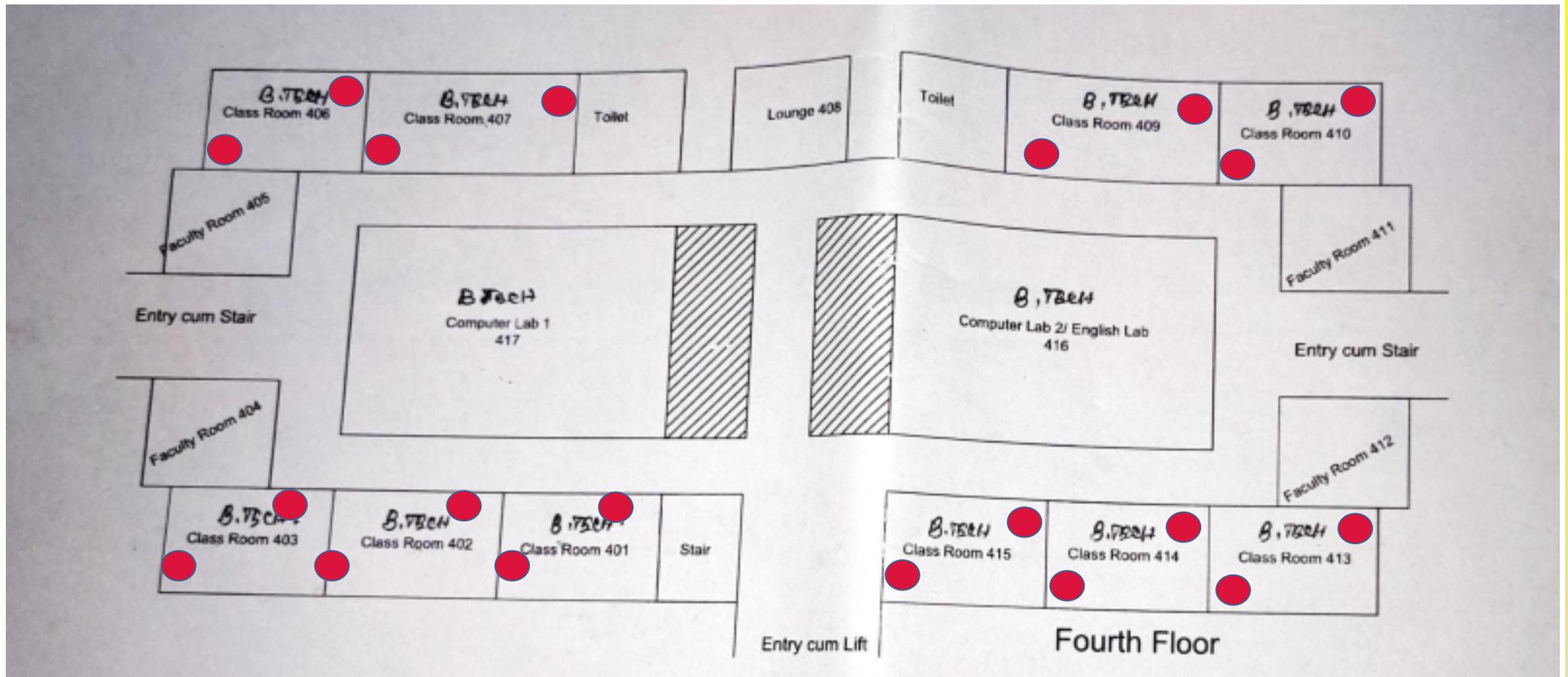
● CCTV CONTROL ROOM NVR

IMU Kolkata New Building 3rd floor layout



● CCTV

IMU Kolkata New Building 4th floor layout



● CCTV