



Bid Number: GEM/2022/B/2875289

Dated: 21-02-2023

#### **Bid Corrigendum**

#### GEM/2022/B/2875289-C4

Following terms and conditions supersede all existing "Buyer added Bid Specific Terms and conditions" given in the bid document or any previous corrigendum. Prospective bidders are advised to bid as per following Terms and Conditions:

### **Buyer Added Bid Specific Additional Terms and Conditions**

- 1. **Bidder financial standing:** The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.
- 2. Malicious Code Certificate:

The seller should upload 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.
- 3. **Manufacturer Authorization:** Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid
- 4. 1. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer.
  - 2. The Seller shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of buyer.
  - 3. The Seller shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to buyer together with the assignee/ sub-contractor, for and in respect of the due performance of the Contract and the Sellers obligations there under.
- 5. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
- 6. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
- 7. Bidders can also submit the EMD with Fixed Deposit Receipt made out or pledged in the name of A/C (Name of the Buyer). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of EMD, the FDR will be released in the favour of the bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Bidder has to upload scanned copy/ proof of the FDR along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date/ Bid Opening date
- 8. Successful Bidder can submit the Performance Security in the form of Fixed Deposit Receipt also (besides PBG which is allowed as per GeM GTC). FDR should be made out or pledged in the name of Registrar, DTU
  - A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of Security Deposit, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Successful Bidder has to upload scanned copy of the FDR document in place of PBG and has to ensure delivery of hard copy of Original FDR to the Buyer within 15 days of award of

contract.

9. File Attachment Click here to view the file.

### **Disclaimer**

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. Any clause(s) incorporated by the Buyer regarding following shall be treated as null and void and would not be considered as part of bid:-

- 1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
- 2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
- 3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
- 4. Creating BoQ bid for single item.
- 5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
- 6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
- 7. Floating / creation of work contracts as Custom Bids in Services.
- 8. Seeking sample with bid or approval of samples during bid evaluation process.
- 9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
- 10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
- 11. Creating bid for items from irrelevant categories.
- 12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
- 13. Reference of conditions published on any external site or reference to external documents/clauses.
- 14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

This Bid is also governed by the General Terms and Conditions

<sup>\*</sup>This document shall overwrite all previous versions of Bid Specific Additional Terms and Conditions.

# AMC OF LAN NETWORK FOR MAIN CAMPUS AND EAST CAMPUS

**Delhi Technological University** (**DTU**), formerly known as the **Delhi College of Engineering** (**DCE**) is a state university in New Delhi, India. It has two campuses one at Bawana Road and second one at Vivek Vihar.

### DURATION OF CONTRACT

 5 (Fives) years from the date of Work Order. However, respective OEM Warranty, RMA, Tech Support along with License/ Contracts Subscription shall be covered under Warranty scope.

# SCOPE OF WORKS (For both Main and East Campus)

- Identifying LAN & Wireless faults (logical/configuration/physical) and getting them resolved
- Configuration/location changes setting in the network devices
- Testing & troubleshooting of the UTP cables in case of any problem.
   Rectification of any problem in the UTP cable termination- RJ45 I/O
   Box/Patch cord will be covered including re-punching of IO box/replacing of faulty with new IO box, re-crimping of RJ45, replacing faulty patch cords with manually made patch cords.
- All passive components required for repair works purpose would be supplied by bidder and active devices by DTU, in case standby device is not in stock of DTU, then standby device against devices under warranty scope would be temporarily arranged by bidder.
- Engineers must carry complete tool kit (Crimping tool, wireless Cable tester, label-ling stickers, LAN tester, screw driver set, permanent marker pen, and cutter).
- Checking physical connectivity (patch cord & other associated cables)
   between network devices commissioned in the network rack.

- Diagnosing & troubleshooting of Wi-Fi network problems & comprehensive maintenance including replacement of Wi-Fi routers/access points.
- To manage, configure & troubleshoot for almost 100% availability of present switches & routers, which are under warranty support and further addition of active elements if any.
- Resolution of all software/firmware problems of active devices
- Agency's engineer deputed in campus should be expert in working with hybrid kind of infrastructure and have hand on experience on multiple OEMs products
- They should be able to understand and define complete infrastructure at computer center and its accessibility spread throughout the campus.
- They have firm exposure with configuration, reconfiguration of network equipment's and alternate arrangement or bypass route to keep the network up in hassle free manner.
  - 13. Agency resource should be adept at
    - Preferred experience of University or Govt Organization of similar size
    - Network maintenance of 500+ nodes.
    - VLAN configuration and configuration through the CLI,
       Telnet,SSH, Ansible and Puppet.
    - Port mirroring to duplicate port traffic (ingress and egress) to a local or remote monitoring port
    - Data Center Bridging (DCB) protocols including IEEE 802.1Qbb
       Priority Flow Control (PFC)
    - hitless software upgrade/downgrade, to avoid any impact on the performance or requirement of a reboot of the switch in the event of the software upgrade/downgrade
    - hardware based load balancing at wire 'speed using LACP and multichassis Link Aggregation, or its open equivalent alternative
    - Network Time Protocol (NTP) or equivalent support

- Port mirroring to duplicate port traffic (ingress and egress) to a local or remote monitoring port
- users authentication from multiple data base like Local Data base,
   Active Directory or TACACS Server
- working on IEEE 802.lD Spanning Tree Protocol, IEEE 802.1w
   Rapid Spanning Tree Protocol and IEEE 802.ls Multiple
   Spanning Tree Protocol
- Layer 2. Discovery Protocol (LLDP or equivalent)
- protocols that provide metadata traffic flows (IPFIX, sFlow, Netflow, etc.) or equivalent
- Capability to extend the control plane across multiple active switches making it a virtual switching fabric, enabling interconnected switches to perform as single Layer-2 switch
- Knowledge on PIM-SM & PIM-SSM
- Knowledge and visibility of Network, all applications (including cloud & SaaS), all users and devices (including all locations) and encrypted traffic, all known threats – Malware, C&C, Malicious & Phishing Websites and Bad Domains, new threats – unknown malware, zero-day exploits and custom attack behavior;
- Person should be aware about control applications that are encrypted with SSL/TLS/SSH traffic.
- They should have experience on free custom application signatures for Homegrown and custom applications (both current and future) that are running in the network
- Real time traffic logs based on applications irrespective of ports
- Monitoring real time traffic logs, a detailed view of Services 's application and Users, not just ports and ip addresses
- Skill on policy-based forwarding based on zone, source or destination address and port, application, AD/LDAP user or user group and services or ports
- Skill and hands on experience on NMS software to add & delete the active devices such as switches & APs

- Coordination with OEMs and Computer center staff for resolving the issue of faulty devices.
- 15. Documentation update inputs for network diagrams & configurations
- 16. Repair and maintenance of fiber ports, single/multi mode indoor/outdoor fiber cable including fiber splicing including in fiber chamber, cable redressing, terminating & testing of existing setup.
- Reporting the computer center with required inventory list on monthly basis in advance, so that Computer Centre can procure the products in advance for smooth functioning of network. Products include Fiber, Fiber patch Cord, Pigtails, LIU, Cat6 Cable, Cat6 Patch Cord, Jack Panel, Cat6 I/O, back box, Switches & Wi-Fi Access Points.
- 18. Bidder shall be responsible for up-gradation of all appliances (Software patches) (under scope of this tender) as per OEM's recommendations/ as and when required. It shall be arranged by bidder without any extra cost.
- 19 .Coordinating and submitting the report to Computer Centre the list of devices whose warranty support with OEMs need to be renewed. Replacement of faulty devices would be covered under OEM warranty support scope.
- 20. It shall be the bidder's total responsibility to meet and fulfill the overall system requirements/objectives specified in the tender.

#### PRODUCT LIST

- 1. Core Switches-located at computer Centre
- 2. Distribution Switches- Located at distributed locations in campus
- 3. Access Switches- Spread across the campus
- 4. Wi-Fi Controller- Computer Centre
- 5. Wi-Fi Access Point- Distributed across the campus
- 6. NMS- Computer Centre
- 7. NGFW- Computer Centre

- 8. LAN Ports-Entire Campus
- 9. Fiber Patch Panel-Entire Campus

### LIST OF OEMS

The following OEMs products are installed and in operation:

- AVAYA
- JUNIPER
- RUCKUS
- CAMBIUM
- MOTADATA
- PALOALTO
- ARUBA

# MINIMUM MANPOWER RESOURCE AVAILABILITY TABLE 2

SL.No	Role	Shift I (7:30 AM to 3.30PM)	Shift II (2.00 PM to 10.00PM)
1	Network Engineer (Total 4)	2	2

#### **DOWN TIME**

• Down Time is the total time taken by bidder between registering the complaint at Help Desk and rectification of fault (excluding RMA transportation time). This time includes time taken to reach the site, diagnose, repair/replace the faulty component/module/device/appliance. Bidder shall ensure that the faulty appliance/part etc. are repaired/brought back to service within SLA timeline or as per the nature of fault and its associated time span, failing which the down time and non-performance deduction clauses will be applicable and bidder shall be bound with the decision of the Head CC in this regard.

### AVAILABILITY/UP-TIME

Minimum98.00% availability/Up-time of each appliance (on the basis of 24 hours a day, seven days a week) shall be ensured by the Bidder. System availability shall be calculated on quarterly basis and following formula will be applicable for% availability/up-time calculation

# Availability % = Net Available time (in Hours) - Down Time (in hours) Total Time (in hours)

- Where Net Available Time =Total Available Time-Time lost due to Electrical/
   Environmental problems-Time for PM job Completion
- Down Time= Call Closing Time-Call Reporting Time
- Total Time of each appliance for a Quarter=(Total nos. of days in three month
   \* 24)
- The availability/up-time of the entire individual appliance shall be more than 98.0% in a quarter. DTU will deduct the penalty in case Bidder fails to achieve the desired level of availability as defined above by the formula given under clause "Penalty".

### **PENALTY**

- All appliances related calls shall be reported, diagnosed, resolved and rectified
  as per DTU-CC satisfaction to maintain 98% availability/up time. If the Bidder
  fails to maintain 98% availability of system, penalty for down time will be
  imposed on Bidder.
- All complaints (hardware/configuration/documentation support) shall be rectified to DTU's satisfaction by the Bidder from the time of logging of complaint. If the Bidder is not able to meet the SLA (98% up time) and also not able to rectify the fault within SLA timeline, penalty charges for non-operation shall be calculated as follows:

- Days and Hours should be as per clock / calendar and not working hours or days.
- Penalty = 1/4 x [(Total quarterly amount/no. of days in quarter) x down time
   in no. of days

### SERVICE LEVEL AGREEMENT

**Critical:** - Problems that can have severe impact on business affecting large number of users or a group of key functionaries of University.

 Calls to be attended within 2 hours and update the Computer center for resolution action plans either it is reshuffling of equipment, mounting the new equipment from the Computer Center inventory or interacting with vendor of equipment if the same is under warranty.

### **Action Plan**

- Reporting to computer center/ faulty location immediately within 2 hours of calls login
- Coordinate with the team/CC staff in case login to the respective OEMs
- Coordinate with the team/CC staff in configuration, reshuffling of equipment as per the requirement to make the network up
- Call resolution time 6 hours max.

Major: - Only few users are impacted and the problem is not of critical nature

 Calls to be attended within the same day and resolved within 12 hours of call login

### **Action Plan**

- Reporting to Computer Center staff within 4 hours.
- Site visit & analysis report same day

- Resolution hours should not exceed 12 hours
- If needed, change the network access level switches & Wi-Fi Access Points from available inventory of DTU or reshuffling the equipment from less important locations

**Minor:-** Only 1 – 2 users are impacted and functional impact is not critical in nature. **(excluding administrative location)** 

Calls to be attended within and reporting to computer center 6 hours.

### **Action Plan**

- Response should be taken within same day & a definite resolution must be attained within 6 hours to 24 hours
- Reshuffling or mounting of new devices from the available inventory of DTU

# **General Terms & Conditions**

### LOCAL CONDITIONS

- It will be imperative on the part of each tenderer to acquaint himself with all local laws, conditions and factors which may have any effect or bearing on the execution of works and supplies under the scope of this tender.
- It must be understood & agreed that above factors have been properly investigated and considered while submitting the offer. No claim for financial or any other adjustments to contract price or completion time on account of lack of clarity of such factors shall be entertained.

### AUTHORIZATION

 The bidder has to submit authorization letter from all the OEM's (for all Network Devices) mentioned in this tender. Copy of valid Authorization certificate to be enclosed with this bid. DTU reserves the right to get the same validated by OEM(s).

# IMPORTANT INSTRUCTIONS

- The Bidder shall submit all relevant data, documentation and drawings as specified in the RFP so as to enable the owner to conclude the evaluation at the first instance itself. Incomplete information / submission will be treated as non-compliance and no technical clarification may be sought from the bidders.
- Expressions like "can offer if required/ will be submitted later/ will be taken up
  during detailed engineering after order is placed/ noted etc." will be construed
  as TOTAL NON-COMPLIANCE and the BID shall be deemed 'NON-RESPONSIVE
  AND INCOMPLETE ' and may be REJECTED WITHOUT ANY FURTHER NOTICE.
- The bid shall be completely filled in all respects and shall be submitted together with requisite information. Bids incomplete in any particular requirement shall be liable for rejection.
- Any deviations in required details would lead rejection and disqualification of
- Bidders are advised to visit each locations of campus to acquaint itself about the scope of work.
- The bidder shall make itself clear about the scope of work and detailed activities related to project.
- Declaration of Blacklisting on Letterhead.

# SUSPENSION OF WORK

The Head -CC may at any time(s) at her/his discretion, should she/he consider
that the circumstances so warrant (the decision of the Head-CC as to existence
of circumstances warranting such suspension shall be final and binding upon
the Bidder), by notice in writing to the Bidder temporarily suspend the work or
supply or any part thereof for such period(s) as Head-CC shall deem necessary
and the Bidder shall upon receipt of the order of suspension forthwith suspend

the work(s) or supply or such part thereof as shall have been suspended until he has received a written order from the Head-CC to proceed with the work suspended or any part thereof.

- During the period of any suspension, the Bidder shall at his own cost within
  the scope of the relative work properly protect and secure the work and
  materials so far as is necessary in the opinion of the Head-CC.
- If the suspension is for reasons of **force majeure** for the purpose of ensuring safety of the work(s) or any part thereof or is necessary for the proper execution of the work(s) or is for reason(s) of weather affecting the safety or quality of the work(s) or materials (the reasons for the suspension stated by the Head-CC in any notice of Suspension as aforesaid, inclusive as to existence of default or failure on the part of the Bidder, if so stated in the notice, shall be final and binding upon the Bidder).
- Unless the suspension is by reason of default or failure on the part of the Bidder (and the reasons for the suspension stated by the Head-CC in any notice of suspension as aforesaid inclusive as to the existence of default or failure on the part of the Bidder if so stated in the notice, shall be final and binding upon the Bidder), if in the opinion of the Bidder such suspension shall necessitate any extension in the time of completion, agreement of Head CC will grant extension of time.
- Local "Bandh" shall be included in "FORCE MAJEURE" excluding the scenario where essential services are allowed.

# TERMINATION OF CONTRACT

• AMC shall be deemed to have automatically terminated after expiry of contract period. DTU reserves the right to terminate the AMC any time during the contract period of the AMC in case of consistent/habitual faults by Bidder in attending to and resolving the reported problems, covered in the AMC scope and/or not adhering to the agreed terms and conditions of the AMC. In case DTU further evaluates that the performance of Bidder is unsatisfactory
or not up to the expected IT Industry standards, DTU shall notify such incidents
to Bidder in writing, which may lead to the termination of the AMC.

# **PAYMENT TERMS**

- Bidders shall quote their prices in Indian Rupees only
- All payments will be made in Indian Rupees only.
- Bidder is required to issue proper tax invoice against the subject
   Contracts in the beginning of month for previous completed month.
- Payment will be released monthly after successful completion of respective Month.

# SCHEDULE OF RATE

S.No	Description	Months (12)	Unit Rate Per	Amount
			Month	
1	AMC without	12		
	materials			
	Inclusive of GST	in a selection in		

# **List of Equipments**

# Sheet8

	Distribution Switch							
S.No	location	MODEL	Date of installation					
1	IS LAB	5530-24TFD	2014-2019					
2	REACTION LAB (SB-FF7)	5530-24TFD	2014-2019					
3	CAD LAB (LW6-FF7)	5530-24TFD	2014-2019					
4	RAMANUJ-L3 (GROUND FLOOR)	5530-24TFD	2014-2019					
5	SNH-L3 (GROUND FLOOR)	BROCAde ICX7250	2017- 2020					
6	NIKN 3-4 ELOOD	DDOOA-L-10V70F0	2017- 2020					
	NKN 3rd FLOOR	BROCAde ICX7250	2017- 2020					
7	Library	BROCAde ICX7250	2017- 2020					
8	Computer center	BROCAde ICX7250	2017- 2020					
9	Science Block	BROCAde ICX7250	2017- 2020					
10	EAST campus	BROCAde ICX7250	2017- 2020					
	WIFI CONTROL	LER						
1	AVAYA controller	WC8180	avaya					
2	aruba controller	7205	aruba					
3	aruba controller	7205	aruba					
	CORE SWITC	H						
1	juniper QFX5100-48S-AFO	27-04-2020	27-04-2025					
2	juniper QFX5100-48S-AFO	27-04-2020	27-04-2025					
3	juniper QFX5100-48S-AFO	27-04-2020	27-04-2025					

# juniper switch 2020

	Ju	niper Switch	
S.No	Juniper switch model	Date of Purchase	Date of warranty
1	juniper EX2300-24T-VC	27-04-2020	27-04-2025
2	juniper EX2300-24T-VC	27-04-2020	27-04-2026
3	juniper EX2300-24T-VC	27-04-2020	27-04-2027
4	juniper EX2300-24T-VC	27-04-2020	27-04-2028
5	juniper EX2300-24MP	27-04-2020	27-04-2025
6	juniper EX2300-24MP	27-04-2020	27-04-2025
7	juniper EX2300-24MP	27-04-2020	27-04-2025
8	juniper EX2300-24MP	27-04-2020	27-04-2025
9	juniper EX2300-48T-VC	27-04-2020	
10	juniper EX2300-48T-VC	27-04-2020	
11	juniper EX2300-48T-VC	27-04-2020	

Rac k ID	Location	Floor	Model	Serial No	Date of Installation	Date of Warranty
		77	4524GT-PWR	LBNNTMMD510VNW	12-6-2014	12-06-2019
1	PROJECT RESEARCH LAB(FW1-GF2)	GF	4524GT	LBNNTMMD250K2F		
			4524GT	LBNNTMMD250JXT		
2	HOD PA ROOM (CIVIL)	GF	4524GT-PWR	LBNNTMMD510VN2	12-6-2014	12-06-2019
3	HOD OFFICE EE DEPT.(FW1-GF1)	GF	4548GT	LBNNTMMD160JRD	12-6-2014	12-06-2019
		01	4524GT-PWR	LBNNTMMD510VPJ		
4	CAD LAB(LW2-FF2)	FF	4524GT	LBNNTMMD250K3X	12-6-2014	12-06-2019
	0/10/2/12/1/2/		4524GT-PWR	LBNNTMMD510VL5		
			4548GT	LBNNTMMD160JR9		
5	INSTRUMENTATION LAB(LW1F2)	FF	4524GT	LBNNTMMD250K1N	12-6-2014	12-06-2019
			4524GT-PWR	LBNNTMMD510VLX		
6	HYDROLICUS LAB (LW4-FF7)	FF	4524GT-PWR	LBNNTMMD510VR4	12-6-2014	12-06-2019
			4524GT	LBNNTMMD250K21		
7	GIS LAB (LW4-SF2)	SF	4524GT-PWR	LBNNTMMD510VP5	12-6-2014	12-06-2019
			4524GT	LBNNTMMD250K25		
8	SR. MEASUREMENT LAB(LW1-SF2)	SF	4524GT-PWR	LBNNTMMD510VKK	12-6-2014	12-06-2019
-			4524GT	LBNNTMMD250K13		
9	IS LAB(FW2-SF2)	SF	4524GT-PWR	LBNNTMMD510VR2	12-6-2014	12-06-2019
			4524GT	LBNNTMMD250K2J		
10	FACULTY ROOM (FW3-TF5)	TF	4524GT-PWR	LBNNTMMD510VLK	12-6-2014	12-06-2019
	WED ENGS		4524GT-PWR	LBNNTMMD510VL4	12-6-2014	12-06-2019
11	WEB. ENGG. LAB (LW3-TF4)	TF	4524GT	LBNNTMMD250K1D		
			4524GT	LBNNTMMD250K1X		
10	5545 4 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		4524GT-PWR	LBNNTMMD510VL6		
12	DBMS LAB-1 (LW1-TF1)	TF	4524GT	LBNNTMMD250K2C	12-6-2014	12-06-2019
			4524GT	LBNNTMMD250K1T		
			4548Gt	LBNNTMMD160M63		
13	AI LAB (LW1-TF5)	TF	4548Gt	LBNNTMMD160LYN	12-6-2014	12-06-2019
			4524GT-PWR	LBNNTMMD510VNV		
14	ME LAB (SB-GF5)	GF	4524GT-PWR	LBNNTMMD510VN5	12-6-2014	12-06-2019
15	RESEARCH LAB (SB-FF6)	FF	4524GT	LBNNTMMD250K3F	12-6-2014	12-06-2019
			4524GT-PWR	LBNNTMMD510VPV	12-6-2014	12-06-2019
17	TIFAC LAB(SB-TF4)	TF	4524GT	LBNNTMMD250K68	12-6-2014	12-06-2019
18	CHEMISTRY HOD (IW-SF2)	SF	4524GT-PWR	LBNNTMMD510VNX	12-6-2014	12-06-2019
19	METAL FORMING LAB (LW6-GF2)	GF	4524GT-PWR	LBNNTMMD510VNG	12-6-2014	12-06-2019
20	MECHINICAL HOD OFFICE (FW4-GF2)	GF	4524GT-PWR	LBNNTMMD510VPL	12-6-2014	12-06-2019
	MECHINICAL HOD OFFICE (FW4-GF2)	GF	rukus switch		12-6-2014	12-06-2019
21	WELDING SHOP (WS19-ME)		4524GT-PWR	LBNNTMMD510VNT	12-6-2014	12-06-2019
22	N LAB (Outer Mechanical ( WS19-ME)	GF	4524GT-PWR	LBNNTMMD510VPK	12-6-2014	12-06-2019
			4524GT-PWR	LBNNTMMD510VNY	12-6-2014	12-06-2019
			4548Gt	LBNNTMMD160K43		
-	200		4524GT	LBNNTMMD250K22		
			4524GT	LBNNTMMD250K29	12-6-2014	12-06-2019
24	DSM PLACEMENT CELL (L3)	FF	4524GT-PWR	LBNNTMMD510VPG		
			4524GT			
25	INSTRUMENTION LAB (LW6-SF3)	SF	4548Gt	LBNNTMMD160K1E	12-6-2014	12-06-2019
	the the that the terms of the t		4524GT-PWR	LBNNTMMD510VHT		
26	FACULTY ROOM MECH (FW4-SF24)	SF	4524GT	LBNNTMMD250K61	12-6-2014	12-06-2019
27	DOM KOM LAB (LW5-TF8)	TF	4524GT	LBNNTMMD250K2L	12-6-2014	12-06-2019
			4524GT-PWR	LBNNTMMD510VKX		
28	DSM COMPUTER LAB (LW6TF5)	TF	4524GT	LBNNTMMD250K2K	12-6-2014	12-06-2019
	(2.10 1.3)		4524GT-PWR	LBNNTMMD510VNH		
			4548Gt	LBNNTMMD160K03	12-6-2014	12-06-2019
29	Library		4548Gt	LBNNTMMD160J73		
			4524GT-PWR	LBNNTMMD510VP4		
30	TYPE-4 Block-1	SF	4524GT	LBNNTMMD250KMW	12-6-2014	12-06-2019
31	TYPE-4 Block-2	SF	4524GT	LBNNTMMD250KMV	12-6-2014	12-06-2019
32	TYPE-4 Block-3	SF	4524GT	LBNNTMMD250KLL	12-6-2014	12-06-2019
33	TYPE-4 Block-4	SF	4524GT	LBNNTMMD250KMG	12-6-2014	12-06-2019
35	TYPE-5 Block-1 (VLAN 28)	SF	X2300-24(JUNIPER	LBNNTMMD250K4K	12-6-2014	12-06-2019
36	TYPE-5 Block-2	SF	4524GT	LBNNTMMD250KM8	12-6-2014	12-06-2019
37	TYPE-5 Block-3	SF	4524GT	LBNNTMMD250K5E	12-6-2014	12-06-2019
38	TYPE-5 Block-4	SF	4524GT	LBNNTMMD250K4X	12-6-2014	12-06-2019
39	VC RESIDENCE	GF	4524GT-PWR		12-6-2014	12-06-2019
40	GUEST HOUSE	GF	4524GT-PWR	LBNNTMMD510VN4	12-6-2014	12-06-2019
42	TYPE-3 Block-1	SF	4548GT	LBNNTMMD160JEW	12-6-2014	12-06-2019
43	TYPE-3 Block-2	SF	X2300-48(JUNIPER	40:AE:AD:E9:A5:69	12-6-2014	12-06-2019
46	Type 2 Block-1	SF	4548GT	LBNNTMMD160JLE	12-6-2014	12-06-2019
47	Type 2 Block-2	SF	4548GT	LBNNTMMD160JEJ	12-6-2014	12-06-2019
41						

### Avaya switch 2014

49	Type 2 Block-4	SF	4548GT	LBNNTMMD160JRC	12-6-2014	12-06-2019
50	Type 2 Block-5	SF	Brocade	L2-Switch(ICX-7250)	12-6-2014	12-06-2019
52	ARYABHATTA Block-1 ip vlan 26	SF	4548GT	LBNNTMMD160K01	12-6-2014	12-06-2019
53	ARYABHATTA Block-2	SF	4548GT	LBNNTMMD160JYH	12-6-2014	12-06-2019
54	ARYABHATTA Block-3	SF	4548GT	LBNNTMMD160JTT	12-6-2014	12-06-2019
55	ARYABHATTA Block-4	SF	4548GT	LBNNTMMD160K2K	12-6-2014	12-06-2019
56	ACADMIC BRANCH	GF	4524GT	LBNNTMMD250K4F	12-6-2014	12-06-2019
57	Store Section	Basement	4524GT	LBNNTMMD250KM0	12-6-2014	12-06-2019
58	EXPOSITION HALL	GF	4524GT-PWR	LBNNTMMD510VK6	12-6-2014	12-06-2019
59	LEGAL BRANCH	FF	4524GT	LBNNTMMD250KMP	12-6-2014	12-06-2019
59	LEGAL BRANCH	FF	4524GT	LBNNTMMD250K3J	12-6-2014	12-06-2019
60	CORRIDOR	C.F.	4524GT	LBNNTMMD250KLW	12-6-2014	12-06-2019
60	CORRIDOR	SF	4524GT-PWR	LBNNTMMD510VP7		
	NKN		4524GT	LBNNTMMD250KM9	12-6-2014	12-06-2019
62	Auditorium		4524GT-PWR	LBNNTMMD510VPX	12-6-2014	12-06-2019
		FF	4524GT-PWR	LBNNTMMD510VN7	12-6-2014	12-06-2019
		E	X2300-24(JUNIPER	LBNNTMMD250K3H		
			4524GT	LBNNTMMD250K11	12-6-2014	12-06-2019
- 1			4524GT	LBNNTMMD250KLD	12-6-2014	12-06-201
			juniper switch	14JP343V101R	27-04-2020	27-04-2025
			7024XLS	14JP343V101V		
63	SERVER ROOM		WC8180	14JP304WB00P	12-6-2014	12-06-2019
			aruba controller		22-05-2017	22-05-2020
		Ra	dware Load balan	alteon		
- 1			4524GT	LBNNTMMD250K1W	12-6-2014	12-06-2019
			4524GT	LBNNTMMD250K2E	12-6-2014	12-06-2019
75	NDPG hostel computer center	FF	7024 XLS brocade	brocde switch	22-05-2017	22-05-2020

avaya hostel 2016

#### Hostel Network Information

Sr. No.	Device/ Model	Şerial Number	Hostel Name	Floor No.	Rack No.	Date of installation	Date of warranty
1	Avaya 3524GT-24 Ports	16JP3250Y01C		Ground Floor	1	12-05-2016	12-05-202
2	Avaya 3524GT-24 Ports	16JP3250Y01N		Ground Floor	2	12-05-2016	12-05-202
3	Avaya 3524GT-24 Ports	16JP3250Y051				12-05-2016	12-05-202
4	Avaya 3524GT-24 Ports	16JP3250Y06D		1st Floor	1	12-05-2016	12-05-202
5	Avaya 3524GT-24 Ports	16JP3250Y089				12-05-2016	12-05-202
6	Avaya 3524GT-24 Ports	16JP3250Y05X		2nd Floor	1	12-05-2016	12-05-202
7	Avaya 3524GT-24 Ports	16JP3250Y004	VMH	3rd Floor	1	12-05-2016	12-05-202
8	Avaya 3524GT-24 Ports	16JP3250Y08D		Ground Floor	1	12-05-2016	12-05-202
9	Avaya 3524GT-24 Ports	16JP3250Y08N		Ground Floor	1	12-05-2016	12-05-202
10	Avaya 3524GT-24 Ports	16JP3250Y07W	1			12-05-2016	12-05-202
11	Avaya 3524GT-24 Ports	16JP3250Y05W	7	1st Floor	1		
12	Avaya 3524GT-24 Ports	16JP3250Y07T				12-05-2016	12-05-202
13	Avaya 3524GT-24 Ports	16JP3250Y06G	7	2nd Floor	1		
14	Avaya 3524GT-24 Ports	16JP3250Y08T	BCH	3rd Floor	1	12-05-2016	12-05-202
15	Avaya 3524GT-24 Ports	16JP3250Y030		Ground Floor	1	12-05-2016	12-05-202
16	Avaya 3524GT-24 Ports	16JP3250Y08X	1	Ground Floor	2	12-05-2016	12-05-202
17	Avaya 3524GT-24 Ports	16JP3250Y08F	7	2nd Floor	1	12-05-2016	12-05-202
18	Avaya 3524GT-24 Ports	16JP3250Y06J	1			12-05-2016	12-05-202
19	Avaya 3524GT-24 Ports		1	3rd Floor	1	12-05-2016	12-05-202
20	Avaya 3524GT-24 Ports	16JP3250Y08E	НЈВ	1ST FLOOR	1	12-05-2016	12-05-202
21	Avaya 3524GT-24 Ports	16JP3250Y01J		Ground Floor	1	12-05-2016	12-05-202
22	Avaya 3524GT-24 Ports	16JP3250Y010	1	Ground Floor	2	12-05-2016	12-05-202
23	Avaya 3524GT-24 Ports	16JP3250Y08P	1			12-05-2016	12-05-202
24	Avaya 3524GT-24 Ports	16JP3250Y06K	1	1st Floor	1		
25	Avaya 3524GT-24 Ports	16JP3250Y08K	1			12-05-2016	12-05-202
26	Avaya 3524GT-24 Ports	16JP3250Y06W	1	2nd Floor	1	12-05-2016	12-05-202
27	Avaya 3524GT-24 Ports	16JP2340Y056	vvs	3rd Floor	1	12-05-2016	12-05-202
28	Avaya 3524GT-24 Ports	16JP3250Y06Y		Ground Floor	1	12-05-2016	12-05-202
29	Avaya 3524GT-24 Ports	16JP3250Y08M	1	Ground Floor	2	12-05-2016	12-05-202
30	Avaya 3524GT-24 Ports	16JP3250Y05T	1 1			12-05-2016	12-05-202
31	Avaya 3524GT-24 Ports	16JP3250Y06L	1	1st Floor	1	12 00 2010	12 00 202
32	Avava 3524GT-24 Ports	16JP3250Y01H	1 1			12-05-2016	12-05-202
33	Avaya 3524GT-24 Ports	16JP3250Y07X	1	2nd Floor	1	12-05-2016	12-05-202
34	Avaya 3524GT-24 Ports	16JP3250Y06M	JCB	3rd Floor	1	12-05-2016	12-05-202
35	Avaya 3524GT-24 Ports	16JP3250Y085		Ground Floor	1	12-05-2016	12-05-202
36	Avaya 3524GT-24 Ports	16JP3250Y06X	1	Ground Floor	2	12-05-2016	12-05-202
37	Avaya 3524GT-24 Ports	16JP3250Y07C	1	3104114 11001		12-05-2016	12-05-202
38	Avaya 3524GT-24 Ports	16JP3250Y06C	1 1	1st Floor	1	12 03 2010	12-03-202
39	Avaya 3524GT-24 Ports	16JP3250Y06R	1 1	101 11001	-	12-05-2016	12-05-202
40	Avaya 3524GT-24 Ports	16JP3250Y05G	1 1	2nd Floor	1	12-03-2010	12-03-202
41	Avaya 3524GT-24 Ports	16JP3250Y085	CVR	3rd Floor	1	12-05-2016	12-05-202

### Avaya WIFI Device 2014

.No	Model	Label	Serial Number	MAC Address	Date of installation	Date of warranty
1	AP8120	Rack-ID-16	14JX3320054C	70:52:c5:ac:ff:60	12-6-2014	12-06-2019
2		Test_CC	14JX3320120C	70:52:c5:ac:ff:80	12-6-2014	12-06-2019
3	AP8120	Test	14JX3320117C	70:52:c5:ac:ff:c0	12-6-2014	12-06-2019
	AP8120	guest-house-	14JX3320053C	70:52:c5:ac:ff:e0		
4		1			12-6-2014	12-06-2019
5	AP8120	From-Rack-7	14JX3320051C	70:52:c5:ad:00:00	12-6-2014	12-06-2019
6	AP8120	From-Rack-2	14JX3320033C	70:52:c5:ad:00:40	12-6-2014	12-06-2019
7	AP8120	Mechnical_N	14JX3320232C	70:52:c5:ad:00:80	12-6-2014	12-06-2019
8	AP8120	From-Rack4	14JX3320022C	70:52:c5:ad:00:a0	12-6-2014	12-06-2019
9	AP8120	Computer- Center-SF	14JX3320055C	70:52:c5:ad:00:e0	12-6-2014	12-06-2019
	AP8120	From-Rack-	14JX3320106C	70:52:c5:ad:01:20	12.6.2014	12.06.2010
10		24			12-6-2014	12-06-2019
11	AP8120	Rack-5	14JX3320030C	70:52:c5:ad:01:80	12-6-2014	12-06-2019
12	AP8120	Rack-ID-18	14JX3320042C	70:52:c5:ad:01:a0	12-6-2014	12-06-2019
13	AP8120	Rack-ID-16	14JX3320056C	70:52:c5:ad:01:e0	12-6-2014	12-06-2019
14	AP8120	From-Rack-	14JX3320003C	70:52:c5:ad:02:00	12-6-2014	12-06-2019
15	AP8120	Rack-ID-26	14JX3320039C	70:52:c5:ad:02:40	12-6-2014	12-06-2019
16	AP8120	From-Rack6	14JX3320216C	70:52:c5:ad:02:80	12-6-2014	12-06-2019
-	AP8120	Mechanical_ WorkShop_G	14JX3320229C	70:52:c5:ad:02:a0		
17		E			12-6-2014	12-06-2019
18	AP8120	Science_Gro _und_Floor	14JX3320173C	70:52:c5:ad:03:40	12-6-2014	12-06-2019
	AP8120	Civil_2nd_Flo	14JX3320174C	70:52:c5:ad:03:a0	12 6 2014	12.05.2010
19		or ,	21011002021110	10.52.05.45.05.40	12-6-2014	12-06-2019
20	AP8120	Admin- senate-hall	14JX3320021C	70:52:c5:ad:04:40	12-6-2014	12-06-2019
21	AP8120	Resp-Admin	14JX3320226C	70:52:c5:ad:05:00	12-6-2014	12-06-2019
_	AP8120	From-Rack-	14JX3320226C	70:52:c5:ad:05:00		
22	74 0220	24	140/1002070	70.32.C3.au.03.40	12-6-2014	12-06-2019
23	AP8120	VC-Resi-2	14JX3320116C	70:52:c5:ad:08:e0	12-6-2014	12-06-2019
24	AP8120	From-Rack6	14JX3320017C	70:52:c5:ad:0a:00	12-6-2014	12-06-2019
25	AP8120	From-Rack4	14JX3320049C	70:52:c5:ad:0a:60	12-6-2014	12-06-2019
26	AP8120	VC-SIR-	14JX3320084C	70:52:c5:ad:0a:80	12-6-2014	12-06-2019
27	AP8120	ROOM From-Rack-3	14JX3320098C	70:52:c5:ad:0a:e0	12-6-2014	
28	AP8120	Lib-4	14JX3320098C		And the second second second	12-06-2019
20	AP8120	Computer- Center-GF-		70:52:c5:ad:0e:20	12-6-2014	12-06-2019
	AF6120	HALL	14JX3320168C	70:52:c5:ad:0e:60	12-6-2014	12-06-2019
29						12 00 2015
30	AP8120	Lib-3	14JX3320185C	70:52:c5:ad:0f:00	12-6-2014	12-06-2019
31	AP8120	From-Rack-1	14JX3320165C	70:52:c5:ad:0f:c0	12-6-2014	12-06-2019
32	AP8120	Audotorium- VIP_Lounge	14JX3320166C	70:52:c5:ad:0f:e0	12-6-2014	12-06-2019
33	AP8120	Mechnical- Second-Floor	14JX3320175C	70:52:c5:ad:10:40	12-6-2014	12-06-2019
34	AP8120	Rack-ID-4	14JX3320209C	70:52:c5:ad:10:80	12-6-2014	12-06-2019
35	AP8120	From-Rack6	14JX3320187C	70:52:c5:ad:11:20	12-6-2014	12-06-2019
36	AP8120	audi-ap1	14JX3320196C	70:52:c5:ad:11:40	12-6-2014	12-06-2019
37	AP8120	Mechnical_2n	14JX3320222C	70:52:c5:ad:12:20	12-6-2014	12-06-2019
38	AP8120	VC-Resi-1	14JX3320163C	70:52:c5:ad:12:60	12-6-2014	12-06-2019
39	AP8120	Lib-2	14JX3320219C	70:52:c5:ad:12:a0	12-6-2014	12-06-2019
40	AP8120	audi-ap2	14JX3320188C	70:52:c5:ad:13:20	12-6-2014	12-06-2019
41	AP8120	From-Rack-	14JX3320161C	70:52:c5:ad:13:40	12-6-2014	12-06-2019
42	AP8120	From-Rack7	14JX3320152C	70:52:c5:ad:13:a0	12-6-2014	12-06-2019
43	AP8120	From-Rack10	14JX3320007C	70:52:c5:ad:13:e0	12-6-2014	12-06-2019
44	AP8120	From-Rack-3	14JX3320079C	70:52:c5:ad:14:40	12-6-2014	12-06-2019
45	AP8120	From-Rack-	14JX3320159C	70:52:c5:ad:14:a0	12-6-2014	12-06-2019
46	AP8120	From-Rack4	14JX3320139C	70:52:c5:ad:15:20	12-6-2014	12-06-2019
47	AP8120	Lib-1	14JX3320091C	70:52:c5:ad:15:40	12-6-2014	12-06-2019
48	AP8120	From-Rack-9	14JX3320010C	70:52:c5:ad:15:80	12-6-2014	12-06-2019
49	AP8120	From-Rack10	14JX3320158C	70:52:c5:ad:15:c0	12-6-2014	12-06-2019
50	AP8120	Me-Near-	14JX3320191C	70:52:c5:ad:16:20	12-6-2014	12-06-2019
51	AP8120	Mechnical_2n	14JX3320131C	70:52:c5:ad:16:80	12-6-2014	12-06-2019
52	AP8120	2nd-	14JX3320048C	70:52:c5:ad:16:a0	12-6-2014	12-06-2019
53	AP8120	From-Rack4	14JX3320045C	70:52:c5:ad:17:00	12-6-2014	12-06-2019
54	AP8120	From-Rack-	14JX3320069C	70:52:c5:ad:17:40	12-6-2014	12-06-2019
55	AP8120	Rack-ID-25	14JX3320066C	70:52:c5:ad:17:60	12-6-2014	12-06-2019
56	AP8120	KP-3rd-Floor	14JX3320136C	70:52:c5:ad:17:80	12-6-2014	
57	AP8120	Rack-ID-17	14JX3320136C	70:52:c5:ad:17:a0		12-06-2019
	AP8120	Admin-	14JX3320063C	70:52:c5:ad:17:a0	12-6-2014	12-06-2019
58		basement	1-3/3320004C	70.52.C5.d0.17.C0	12-6-2014	12-06-2019
59	AP8120	CC-Third-	14JX3320074C	70:52:c5:ad:18:00	12-6-2014	12-06-2019
	AP8120	Floor Rack-22- Outer-	14JX3320070C	70:52:c5:ad:18:20		
60		Mechanical	143/33200/00	70.52.C5:au:18:20	12-6-2014	12-06-2019
61	AP8120	From-Rack-8	14JX3320072C	70:52:c5:ad:18:40	12-6-2014	12-06-2019
62	AP8120	Computer-	14JX3320071C	70:52:c5:ad:18:60	12-6-2014	12-06-2019
64	AP8120	Center	14JX3320071C	70:52:c5:ad:18:60	12-6-2014	12-06-2019
65	AP8120	From-Rack-1	14JX3320129C	70:52:c5:ad:18:c0	12-6-2014	12-06-2019
	AP8120	Mechnical- Second-Floor	14JX3320078C	70:52:c5:ad:18:e0	12-6-2014	12-06-2019
66		Rack-ID-15	14JX3320127C	70:52:c5:ad:19:60	12-6-2014	12-06-2019
66 67	AP8120	Kack-ID-T2				
-	AP8120 AP8120	From-Rack-	14JX3320123C	70:52:c5:ad:19:80	12-0-7014	12-06-2010
67			14JX3320123C 14JX3320126C	the state of the s	12-6-2014	12-06-2019
67 68	AP8120	From-Rack-		70:52:c5:ad:19:a0	12-6-2014	12-06-2019
67 68 69	AP8120 AP8120	From-Rack- Rack-Id-12	14JX3320126C	the state of the s	12-6-2014 12-6-2014	12-06-2019 12-06-2019
67 68 69 70	AP8120 AP8120 AP8120	From-Rack- Rack-Id-12 From-Rack-	14JX3320126C 14JX3320058C 14JX3320122C	70:52:c5:ad:19:a0 70:52:c5:ad:19:c0 70:52:c5:ad:19:e0	12-6-2014 12-6-2014 12-6-2014	12-06-2019 12-06-2019 12-06-2019
67 68 69 70 71	AP8120 AP8120 AP8120 AP8120	From-Rack- Rack-Id-12 From-Rack- From-Rack-1	14JX3320126C 14JX3320058C	70:52:c5:ad:19:a0 70:52:c5:ad:19:c0	12-6-2014 12-6-2014	12-06-2019 12-06-2019

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#### Avaya WIFI Device 2014

75	AP8120	From-Rack6	14JX3320077C	70:52:c5:ad:1b:c0	12-6-2014	12-06-2019
76	AP8120	server room		70:52:C5:AD:16:40	12-6-2014	12-06-2019
77	AP8120	server room		70:52:C5:AD:0F:80	12-6-2014	12-06-2019
78	AP8120	server room		70:52:C5:AD:03:80	12-6-2014	12-06-201
79	AP8120	server room		70:52:C5:AD:0D:C0	12-6-2014	12-06-201
80	AP8120	server room		70:52:C5:AD:10:60	12-6-2014	12-06-201
81	AP8120	server room		70:52:C5:AD:01:C0	12-6-2014	12-06-201
82	AP8120	server room		70:52:C5:AD:03:60	12-6-2014	12-06-201
83	AP8120	server room		70:52:C5:AD:17:e0	12-6-2014	12-06-201
84	AP8120	server room		70:52:C5:AD:15:a0	12-6-2014	12-06-201
85	AP8120	server room		70:52:C5:AD:a1:20	12-6-2014	12-06-201
86	AP8120	server room		70:52:C5:AD:18:80	12-6-2014	12-06-201
87	AP8120	server room		70:52:C5:AD:14:00	12-6-2014	12-06-201
88	AP8120	server room		70:52:C5:AD:16:60	12-6-2014	12-06-201
89	AP8120	server room		70:52:C5:AD:00:60	12-6-2014	12-06-201
90	AP8120	server room		70:52:C5:AD:0E:C0	12-6-2014	12-06-201

# Brocade & aruba 2017

S.No	Brocade Switch	location	Date of Instalation	Date of warranty
1	Brocade-ICX7250-24 P	Type 5 Block2	22-05-2017	22-05-2020
2	Brocade-ICX7250-24 P	Type 5 Block 3	22-05-2017	22-05-2020
3	Brocade-ICX7250-24 P	Health Center1	22-05-2017	22-05-2020
4	Brocade-ICX7250-24 P	Health Center2	22-05-2017	22-05-2020
5	Brocade-ICX7250-24 P	Health Center3	22-05-2017	22-05-2020
6	Brocade-ICX7250-24	SPS-9	22-05-2017	22-05-2020
7	Brocade-ICX7250-24	SPS-13	22-05-2017	22-05-2020
8	Brocade-ICX7250-24	SPS-14	22-05-2017	22-05-2020
9	Brocade-ICX7250-24		22-05-2017	22-05-2020
10	Brocade-ICX7250-24		22-05-2017	22-05-2020
11	Brocade-ICX7250-24		22-05-2017	22-05-2020
12	Brocade-ICX7250-24		22-05-2017	22-05-2020
13	Brocade-ICX7250-24	type2 Block 2	22-05-2017	22-05-2020
14	Brocade-ICX7250-24	Type 2 Block-5	22-05-2017	22-05-2020
15	Brocade-ICX7250-24	server room	22-05-2017	22-05-2020
16	Brocade-ICX7750-48	server room	22-05-2017	22-05-2020
17	Brocade-ICX7750-48	admin block 3rd floor	22-05-2017	22-05-2020
18	Brocade-ICX7750-48	SNH Ground foor	22-05-2017	22-05-2020
19	Brocade-ICX7750-48	not used	22-05-2017	22-05-2020
20	Brocade-ICX7750-48	East Campus	22-05-2017	22-05-2020
21	Aruba indoor AP (No.175)	DTU Campus	22-05-2017	22-05-2020
22	Aruba outdoor AP (No 06)	DTU Campus	22-05-2017	22-05-2020
23	Aruba indoor AP (No.12)	<b>EAST Campus DTU</b>	22-05-2017	22-05-2020
24	Aruba outdoor AP (No 01)	EAST Campus DTU	22-05-2017	22-05-2020
25	Brocade-ICX7250-24 (No 12)	EAST Campus DTU	22-05-2017	22-05-2020
26	Brocade-ICX7250-24 P	EAST Campus DTU	22-05-2017	22-05-2020