



Minutes of the Meeting of Pre-bid Conference

Tender no.: TEQIP-III/mnni/12 dated 02.03.2019
For : Supply, Installation, Testing and Commissioning of Campus wide Wi-Fi Solution in the Institute
Date & Time : 12.03.2019 at 1600 Hrs.
Venue: Room # 203 (Conference Room, Purchase Office)

The Pre-bid Conference for above NCB was held on 12.03.2019 at 1600 Hrs. in Room # 203 (Conference Room, Purchase Office).

Following attended the pre-bid conference:

Representatives of MNNIT Allahabad:

1. Head, CSED
2. Prof. Asheesh K. Singh, EED
3. Dr. Mayank Pandey, Indenter, CSED
4. Dr. Naresh Kumar, (Co-ordinator (oftg.), TEQIP-III on 12.03.2019)
5. Dr. Shwetank Parihar, Nodal Officer (Finance), TEQIP-III
6. Mr. Mohd. Danish Ansari, Nodal Officer (Procurement), TEQIP-III

Representatives of Prospective Bidders:

| Sl. | Name of Firm | Represented by |
|-----|---|---|
| 1. | M/s JIL Information Technology Limited, Ghaziabad (U.P.) | Mr K.P.S. Rathaur and Mr Mridul Shekhar |
| 2. | M/s CCS, New Delhi | Mr S.K. Pathak |
| 3. | M/s BIPS Systems Ltd., New Delhi | Mr Rajneesh Kumar |
| 4. | M/s Progility Technologies Pvt. Ltd., Lucknow (U.P.) | Mr. Raghvendra Pratap Singh |
| 5. | M/s Vedang Radio Technology Pvt. Ltd., Mumbai (Maharashtra) | Mr. P. P. Das |
| 6. | M/s Orion Solutions, Gorakhpur (U.P.) | Mr Abu Naim |
| 7. | M/s Cisco India Pvt. Ltd. | Mr Ritu Raj |

- (i) The Nodal Officer (Procurement) conducted the Pre-Bid Conference for the aforesaid NCB and at the beginning welcomed all.
- (ii) The Nodal Officer (Procurement) briefed about the works and contents of NCB Document, and explained various associated important provisions of the bidding documents.
- (iii) The persons representing the above firms were requested to furnish queries, (if any), in writing so that the replies to the same can be provided by the Institute. Reply to the queries raised by the firm that attended the Pre-Bid Conference as well as queries received from other prospective bidders is given in **Table-A**.
- (iv) The Nodal Officer (Procurement) expressed his profound gratitude to all those who attended the meeting and for their active involvement.


[Mohd. Danish Ansari]


[Shwetank Parihar]


[Naresh Kumar]


[Mayank Pandey]


[Asheesh K. Singh]


[A.K. Singh]

TABLE-A

| Sl. | Firm | NCB Reference(s) (Clause/Section, Page) | Entry in NCB Document | Point of Clarification Required/ Query | Resolution | Remarks/Justification |
|-----|-------------------------------|---|--|--|--|--|
| 1. | M/s Ruckus Networks Bangalore | At SI No. 14 (Safety Standards) under POE Switch on Page no. 40 of NCB Document | IEC 60825 ✓ | Request you amend the protocol like IEC 60825 or Equivalent campus grid Protocol | No Change | This is an international protocol available with all leading OEM products. ✓ |
| | | At SI No. 15 (Electromagnetic emissions certifications) under POE Switch on Page no. 40 of NCB Document | FCC Part 15, CFR 47, Class A, North America | Ruckus Product have comprehensive FCC Certification which does not require any Sub certification | No Change | Bidders can quote products with higher specifications. ✓ |
| | | At SI No. 15 (Electromagnetic emissions certifications) under POE Switch on Page no. 40 of NCB Document | GOST, Russia ✓ | Request you amend the clause like "GOST Russia or Equivalent" | GOST Russia or Equivalent ✓ | - |
| | | At SI No. 17 Telco under POE Switch on Page no. 40 of NCB Document | Common Language Equipment Identifier (CLEI) Code | CLEI is not required in Campus Networking request you remove the Clause or ask for CLEI or Equivalent ✓ | Common Language Equipment Identifier (CLEI) Code or Equivalent. ✓ | - |
| | | At SI No. 62 (Layer-2 Features) under Network Switch on Page no. 42 of NCB Document | The switch should support MVR (Multicast VLAN Registration) | Request you to remove the clause or Ask for their equivalent Open Standard Protocol for the same features set | The switch should support MVR (Multicast VLAN Registration) or Equivalent. ✓ | |
| | | At SI No. 67 (Layer-2 Features) under Network Switch on Page no. 42 of NCB Document | The switch should support automatic configuration as devices connect to the switch port | Request you to remove the clause which will enable us for bidding ✓ | No Change | Bidder is allowed to quote equivalent solution to meet the functional requirement. ✓ |
| | | Clause 2.9 under Criteria of Original Equipment Manufacturer (OEM) on page no. 7 of NCB Document | The OEM should be in Gartner magic quadrant for LAN and WLAN in leaders quadrant in last 3 years. (Certificate to be enclosed) | Please remove this clause, so can other vendor will comply, Please do mention make if required | No Change ✓ | We need products from leading OEMs ✓ |
| | | Clause 2.12 under Criteria of Original Equipment Manufacturer (OEM) on page no. 7 of NCB Document | OEM should have hardware spare depots more than 20 numbers in India covering major cities (List to be attached) | Please remove this clause, As material is been stored by distributors and can have NBD type to support if required | No Change ✓ | This is required to ensure the product replacement and OEM stability. ✓ |
| | | Clause 2.14 under Criteria of Original Equipment Manufacturer (OEM) on page no. 7 of NCB Document | OEM should not be ready for sale or under acquisition or acquired recently (as companies strategies/roadmap will be impacted). (Undertaking to be given) | Please remove this clause ✓ | No Change ✓ | This is required to ensure the product replacement and OEM stability. ✓ |
| | | At SI No. 3 under Access Point on | Access Point shall support console port | Please remove this clause, As Console port is | No Change ✓ | This is required during troubleshooting. ✓ |

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| | | Page no. 44 of NCB Document | that uses Standard Port (RJ-45) type connection ✓ | not required once AP mount on Pole and ceiling and AP can be access via SSH which is easiest and suggestive way ✓ | | |
| | | At SI No. A4 (Hardware Specifications) under Wireless LAN Controller on Page no. 45 of NCB Document | A4 Controller should have hot-Swappable internal redundant power supplies. ✓ | Please remove this clause, As in DC their always be alternate option for power. So please relax this clause | No Change ✓ | Redundant power supply is required from Day-1 ✓ |
| | | At SI No. A6 (Hardware Specifications) under Wireless LAN Controller on Page no. 45 of NCB Document | A6 WLAN controller should have scalability to support 100 Access point from day 1 WLAN controller should have scalability to support 100 Access points from day 1 without any hardware change and scalable to upto 1500 access points | Please relax this clause to scalability upto 1000AP from day and can be archive more with cluster mode | A6 WLAN controller should have scalability to support 250 Access point from day 1 and scalable to upto 1500 access points without any hardware change. ✓ | - |
| | | At SI No. B21 (Wireless Controller Features) under Wireless LAN Controller on Page no. 45 of NCB Document | B21 Must support dynamic Airtime allocation on per WLAN, per AP, Per AP group Must support dynamic Airtime allocation on per WLAN, per AP, Per AP group basis | Please relax this clause Must support dynamic Airtime allocation per AP | No Change ✓ | This is a security feature to dynamically adapt to changing conditions in a WLAN ✓ |
| | | At SI No. C7 (Security) under Wireless LAN Controller on Page no. 46 of NCB Document | C7 Shall support the ability to classify over 20 different types of interference within 5 to 30 seconds | Please remove this clause, So can other vendor will comply | No Change | This is a Security feature to identify the interferences in wireless network. ✓ |
| | | At SI No. C15 (Security) under Wireless LAN Controller on Page no. 46 of NCB Document | C15 In case of access point connected in remote locations over WAN, containment should happen even if WAN is down | Please remove this clause, So can other vendor will comply | Removed ✓ | - |
| | | At SI No. C18 (Security) under Wireless LAN Controller on Page no. 46 of NCB Document | C18 WLC should detect and take appropriate containment action if a smart phone user using tethering to connect other device | Please remove this clause, So can other vender will comply | No Change | This is must have security feature to avoided adhoc networks. ✓ |
| | | At SI No. D7 (Management & QoS) under Wireless LAN Controller on Page no. 46 of NCB Document | Should have a suitable serial console port. | Please relax this clause, As once, As once controller fixed in DC access via RJ45 port. | No Change | This is required for the site. ✓ |
| 2 | M/s CCS Computers Private Limited New Delhi | At SI No. 9 (Patch Cord 3 Mtr. UTP Cat6 250 nos.) under Clause 2 on page no. 3 of NCB Document | Patch Cord 3 Mtr. UTP Cat6 | Given 5 no's of Patch panel is not sufficient. Minimum 11 no. of patch panel are required. Similarly in addition to given bill of material, 250 no. of 1 mtr. UTP patch chords are required | No Change ✓ | - |

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| | | At 26.5 (b) (i) Delivery Schedule on page no 16 of the NCB Document | The Purchaser requires that the goods under the Invitation for Bids shall be delivered at the time specified in the Schedule of Requirements. The estimated time of arrival of the goods at the project site should be calculated for each bid after allowing for reasonable transportation time. Treating the date as per schedule of requirements as the base, a delivery "adjustment" will be calculated for other bids at 2% of the ex-factory price including excise duty for each month of delay beyond the base and this will be added to the bid price for evaluation. No credit will be given to earlier deliveries and bids offering delivery beyond 01 months of stipulated delivery period will be treated as unresponsive. | As delivery, timeline is not mentioned in RFP and we request to provide 10-12 weeks Delivery time line to deliver the materials at respective site. As these, all enterprise level products having back to back delivery schedule from all leading OEM's min 10 weeks to us. | Delivery Schedule: <u>60 Days after the issue of Purchase Order.</u> | - |
| 3. | M/s BIPS Systems Limited New Delhi | At SI No. 3 under Specifications for Passive Items Cable & Others Category 6 UTP, 4 Pair on page no. 48 of the NCB Document | The 4 pair Unshielded Twisted Pair cable shall be UL Listed. Cable should also be tested and verified by ERTL. | The 4 Pair unshielded twisted pair cable shall be UL Listed | No Change ✓ | - |
| | | At SI No. 9 under Specifications for Passive Items Cable & Others Category 6 UTP, 4 Pair on page no. 48/66 of the NCB Document | Nominal Outer Diameter of Cable should be 6.1 mm and Conductor Diameter <u>0.56 mm (23 AWG)</u> | 23 AWG ✓ | 23AWG ✓ | - |
| 4. | M/s TANISI IT Services Pvt. Ltd., Noida And M/s Dell EMC | Clause 2.15 under Criteria of Original Equipment Manufacturer (OEM) on page no. 7 of NCB Document | OEM should offer portal based services via partner which will provide valuable information related to the collected network devices. | Request for Clarity as OEM will have details of same | No Change ✓ | - |
| | | Clause 2.11 under Criteria of Original Equipment Manufacturer (OEM) on page no. 7 of NCB Document | The OEM should have done at least 3 WLAN deployments with more than 1000 Aps. (Certificate to be enclosed) | Request for Removal | No Change ✓ | We need products from leading OEMs ✓ |
| | | At SI No. 9 (Performance and | The switch should support 4000 VLAN | The switch should support 500 VLAN Ids | No Change ✓ | This is available with all leading OEM's ✓ |

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| | Stability) under POE Switch on page no. 40 of the NCB Document | IDs. | | | |
| | At SI No. 15 (Electromagnetic emissions certifications) under POE Switch Section VI - Technical Specifications on page no. 40/66 of the NCB Document | KCC (Formerly MIC, GB17625.1- 1998) Class A, KN24/KN22, Korea ANAtel, Brazil, CCC, China, Ghost, Russia | Request for Delete | No Change | Electromagnetic emissions certifications cannot be compromised. |
| | At SI No. 2 (General Features) under Network Switch on page no. 41 of the NCB Document | The switch should support a minimum of 4 SFP Uplinks | The switch should support a minimum of 4 SFP + 1/10G uplinks | No Change | Bidders are allowed to quote higher configuration. |
| | At SI No. 3 (General Features) under Network Switch on page no. 41 of the NCB Document | The switch should support 4x1G SFP modules | The Switch should support 4 x1/10 SFP + modules | No Change | Bidders are allowed to quote higher configuration. |
| | At SI No. 6 (Performance and Scalability) under Network Switch on page no. 41 of the NCB Document | The switch should support full duplex switching bandwidth of 216Gbps | The switch should support Full-duplex switching bandwidth of 208 Gbps | No Change | This is the minimum requirement |
| | At SI No. 16 (Dimension) under Network Switch on page no. 41 of the NCB Document | The switch should support Operating temperature up to 5000 ft (1500 m) – 5° to 45° C. | The switch should support Operating temperature upto 5000 ft. (1500 m) 5° to 45°C | No Change | Required operating temperature should be – 5° to 45°C |
| | At SI No. 21 (Stacking) under Network Switch on page no. 41 of the NCB Document | Stacking module should be hot-swappable | Stacking module should be dedicated | Stacking module should be dedicated and hot-swappable | - |
| | At SI No. 32 (Power Supply) under Network Switch on page no. 41 of the NCB Document | The switch should support an External Redundant power supply | The switch should support an internal Hot Swappable Redundant Power Supply | No Change | Bidders are allowed to quote higher configuration. |
| | At SI No. 64 (L3 features) under Network Switch on page no. 42 of the NCB Document | The switch should support IPv4 unicast Static Routing | The switch should support IPv4 unicast Static Routing, Rip, OSPF From day one | No Change | Bidders are allowed to quote higher configuration. |
| | At SI No. 5 under Access Point on page no. 44 of the NCB Document | Must have – 100 dB or Better Receiver Sensitivity | Must have – 95 dB or better Receiver Sensitivity | No Change | This is required to have better wireless coverage |
| | At SI No. 9 under Access Point on page no. 44 of the NCB Document | Must support minimum of 22dbm of transmit power in both 2.4Ghz and 5Ghz radios and should follow the local regulatory | Must support minimum of 20dbm of transmit power in both 2.4 Ghz and 5Ghz radios and should follow the local regulatory Norms | No Change | This is required to have better wireless coverage |

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| | | | Norms. | | | |
| | | At SI No. 12 under Access Point on page no. 44 of the NCB Document | Must have 97 db or better Receiver Sensitivity | Must have - 95 dB or better Receiver Sensitivity | No Change | This is required to have better wireless coverage ✓ |
| | | At SI No. B10 (Wireless Controller Features) under Wireless LAN Controller on page no. 45 of the NCB Document | WLC should support PMIPv6 and EoGRE tunnels on northbound interface | WLC should support Multicast and GRE tunnels on northbound interface | No Change ✓ | - |
| 5. | M/s Proglity Technologies Pvt. Ltd., New Delhi | At SI. No. 14 (Safety Standard) under POE Switch on Page no. 40 of NCB Document | UL 60950-1, CAN/CSA 22.2 No. 60950-1, EN 60950-1, IEC 60950-1, CE Marking, GB 4943, IEC 60825 | Kindly remove the OEM specific certification and modified the clause as "UL 60950-1, CAN/CSA 22.2 No. 60950-1, EN 60950-1, IEC 60950-1, CE Marking, IEC/EN 60825 | No Change | Safety standard cannot be compromised; bidder is allowed to quote products with equivalent safety standards. ✓ |
| | | At SI. No. 15 (Electromagnetic Emissions Certifications) under POE Switch on Page no. 40 of NCB Document | FCC Part 15, CFR 47, Class A, North America. EN 550 (CISPR 22) and EN 55024 (CISPR 24), CE marking, Europe Union. AS/NZS, Class A, CISPR22:2004 or EN550 Australia and New Zealand. VCCI Class A, V-3/2007. Japan. KCC (Formerly MIC, GB 1762511998 Class KN24/KN22, Korea Anatel, Brazil. CCC, China. GOST, Russia. | Kindly remove the International OEM specific certification and modified and the clause as "FCC Part 15, CFR 47, Class A, EN 55022/24 (CISPR22/24) and EN 55024 (CISPR24), CE marking, VCCI Class A," | No Change | Electromagnetic Emissions Certifications standard cannot be compromised; bidder is allowed to quote products with equivalent safety standards. ✓ |
| | | At SI. No. 16 (Environmental) under POE Switch on Page no. 40 of NCB Document | Reduction of Hazardous Substances (ROHS) 6. | Kindly remove the OEM specific certification and modified the clause as Reduction of Hazardous Substances(ROHS) | No Change | Environmental certifications cannot be compromised. ✓ |
| | | At SI. no. 17 (Telco) under POE Switch on Page no. 40 of NCB Document | Common Language Equipment Identifier (CLEI) code. | PLs remove as this specific to single OEM & used in telco and not a industry standard enterprise protocol | Common Language Equipment Identifier (CLEI) code or equivalent ✓ | - |
| | | At SI. No.3 (General Features) under Network Switch on Page no. 41 of NCB Document | The switch should support 4x1G SFP modules. | Switch should have capability to support 10g interface uplink to meet high bandwidth requirement. Kindly modify the clause as: "The switch should support 4x1G/10 SFP+ modules" | No Change | Bidders are allowed to quote higher configuration. ✓ |
| | | At SI. No. 5 (Performance and Scalability) under Network Switch on Page no. 41 of NCB Document | The switch should support Forwarding bandwidth of 108 Gbps | OEM Specific Clause. As per port count and non-blocking architecture, Forwarding bandwidth should be 28x1=28Gbps Pls modify the clause as The switch should support Forwarding bandwidth of 28 Gbps." | No Change | This is the minimum requirement ✓ |
| | | At SI. No. 6 (Performance and Scalability) under Network Switch on Page no. 41 of | The switch should support Full-duplex switching bandwidth of 216 Gbps ✓ | OEM Specific Clause. As per port count and non-blocking architecture, Full duplex bandwidth should be 2x28x1=56Gbps Pls | No Change | This is the minimum requirement ✓ |

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| | NCB Document | | modify the clause as The switch should support Full-duplex switching bandwidth of 56 Gbps. | | |
| | At Sl. no.7 (Performance and Scalability) under Network Switch on Page no. 41 of NCB Document | The switch should support 64-Byte Packet Forwarding Rate of 71.4 Mbps | OEM Specific Clause. As per port count and non blocking architecture, full duplex thprotut should be $2 \times 28 \times 1 = 56 \text{ Gbps}$ x $1.488/2 = 41.664 \text{ Mpps}$ Pls modify the clause as "The switch should support 64-Byte Packet Forwarding Rate of 41.6 Mbps" | No Change | This includes stacking port also ✓ |
| | At Sl. no.16 (Dimension) under Network Switch on Page no. 41 of NCB Document | The switch should support Operating temperature up to 5000 ft. (1500 m) - 50 to 450C | Pls modify the clause as per industry standard as "The switch should support Operating temperature up to 5000 ft (1500 m) - Oc to 45°C." | No Change | Required operating temperature should be -5 to 45 C |
| | At Sl. no.17 Dimension under Network Switch Section VI- Technical Specifications on Page no. 41 of NCB Document | The switch should support Operating relative humidity 10% to 95% non-condensing | Pls modify the clause as per industry standard as "The switch should support operating relative humidity 15% to 90% noncondensing." ✓ | No Change | Required operating temperature should be -5 to 45 C Relative Humidity should be 10% to 95% non-condensing. ✓ |
| | At Sl. no.32 (Power Supply) under Network Switch Section on Page no. 43 of NCB Document | The Switch should support an external Redundant Power Supply | External power supply will take extra space and will be extra components to maintain with addition infra. Please amend the clause as "The switch should support an Internal Redundant Power Supply" for best compact and HA design as per industry standard | No Change | Bidders are allowed to quote higher configuration ✓ |
| | At Sl. no.46 (Layer-2 Features) under Network Switch on Page no. 43 of NCB Document | The Switch should support spanning tree port fast and port Fast guard for fast convergence | Every OEM has different terminology and technology. Please modify the clause as "The switch should support spanning tree Port Fast and PortFast guard or equivalent for fast convergence" | The switch should support spanning tree Port Fast and Port Fast guard or equivalent for fast convergence ✓ | |
| | At Sl. no.47 (Layer-2 Features) under Network Switch on Page no. 43 of NCB Document | The Switch should support Uplink Fast & Backbone Fast technologies to help ensure quick failover recovery, enhancing overall network stability and reliability | Every OEM has different terminology and technology. Please modify the clause as "The switch should support UplinkFast&BackboneFast or equivalent technologies to help ensure quick failover recovery, enhancing over all network stability and reliability" | The switch should support UplinkFast&BackboneFast or equivalent technologies to help ensure quick failover recovery, enhancing over all network stability and reliability" ✓ | |
| | At Sl. no.62 (Layer-2 Features) under Network Switch on Page no. 43 of NCB Document | The Switch should support MVR (Multicast VLAN Registration) | OEM Specific. Please modify the clause as "The switch should support MV(Multicast VLAN)" | No Change ✓ | The switch should support MVR (Multicast VLAN registration) or Equivalent ✓ |
| | At Sl. no.65 (L3 Features) under Network Switch on Page no. 43 of NCB | The switch should support 16 IPv4 Static routes | Considering Switch specification and architecture, Routes asked are very less. Kindly amend the clause | No Change | Bidders are allowed to quote higher configuration. ✓ |

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| | Document | | as "The switch should support 256 IPv4 Static routes and 2K Ipv4 and 1 K IPv6 routes with OSPF support from day-1. | | |
| | At Sl. no.5 Access Point on Page no. 44 of NCB Document | Must have - 100 dB or better Receiver Sensitivity | Kindly amend the clause as "Must have -92 dB or better Receiver Sensitivity." | No Change | This is required to have better wireless coverage. ✓ |
| | At Sl. no.9 of Access Point on Page no. 44 of NCB Document | Must support minimum of 22dbm of transmit power in both 2.4Ghz and 5Ghz radios and should follow the local regulatory Norms | Kindly amend the clause as "Must support minimum of 21 dbm of transmit power in both 2.4Ghz and 5Ghz radios and should follow the local regulatory Norms | No Change ✓ | This is required to have better wireless coverage. ✓ |
| | At Sl. no.12 of Access Point on Page no. 44 of NCB Document | Must have 97 dB or better Receiver Sensitivity. | Kindly amend the clause as "Must have -92 dB or better Receiver Sensitivity. | No Change ✓ | This is required to have better wireless coverage. ✓ |
| | At Sl. no.21 of Access Point on Page no. 44 of NCB Document | Access Point Must continue serving clients when link to controller is down. It should also have option to authenticate user through Radius server directly from Access Point during link unavailability to controller | Architecture varies from OEM to OEM kindly amend the clauses "Access Point should support WLAN architecture to continue serving clients when link to controller/WNMS is down. It should also have option to authenticate user through Radius server directly from Access Point during link unavailability to controller/WNMS. | No Change | Equivalent functionality is acceptable. ✓ |
| | At Sl. no.28 of Access Point on Page no. 44 of NCB Document | Must continue serving clients when WAN link to controller is back up again, should not reboot before joining | Architecture varies from OEM to OEM kindly amend the clauses "Must continue serving clients when WAN link to controller/WNMS is back up again, should not reboot before joining. | No Change ✓ | - |
| | At Sl. no.31 of Access Point on Page no. 44 of NCB Document | When operated in remote AP mode with local authentication available, the AP must be able to authenticate new users with local radius server directly at the AP itself in case of link failure to controller. | Architecture varies from OEM to OEM kindly amend the clauses When operated in remote AP mode with local authentication available, the AP must be able to authenticate new users with local radius server directly at the AP itself in case of link failure to controller/NMS." | No Change | This is required when link to controller is failed. ✓ |
| | At Sl. no. A5 of Wireless LAN Controller on Page no. 45 of NCB Document | Controller should support minimum 20000 concurrent devices | Product Architecture varies from OEM to OEM kindly amend the clauses "WLAN controller should have scalability to support 100 Access points from day 1 without any hardware change and scalable to upto 1500 access points with single/multiple controllers in cluster | No Change | This sizing is required to meet the campus requirement. ✓ |
| | At Sl. no. A6 of Wireless LAN Controller on Page no. 45 of | WLAN controller should have scalability to support 100 Access points | Product Architecture varies from OEM to OEM kindly amend the clauses "Controller should support | No Change ✓ | WLAN controller should have scalability to support 250 Access point from day 1 and |

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| | | NIT Document | from day 1 without any hardware change and scalable to upto 1500 access points | minimum 16000 concurrent devices from day-1 and scalable to 20000 with single/multiple controller in cluster". | | scalable to upto 1500 access points without any hardware change. |
| | | At SI No. C7 (Security) under Wireless LAN Controller on Page no. 46 of NCB Document | Shall support the ability to classify over 20 different types of interference within 5 to 30 seconds | Product Architecture varies from OEM to OEM Kindly amend the clause as "Shall support the ability to classify different types of interference | No Change | This is a Security feature to identify the interferences in wireless network. |
| | | At SI No. D7 (Management & QoS) under Wireless LAN Controller on Page no. 46 of NCB Document | Should have a suitable serial console port | Product Architecture varies from OEM to OEM Kindly amend the clause as "should have a suitable serial/usb/RJ45 console port" | No Change | - |
| 6. | M/s Vedang Technology Pvt. Ltd. Mumbai | - | - | Does this tender include maintenance of the Campus WiFi network (for a pre-specified period) or it is for Supply, Installation, Testing and Commissioning only? | Refer to the NCB Document | - |
| | | At Page 7 under Criteria of Original Equipment Manufacturer (OEM) | Criteria of Original Equipment Manufacturer (OEM) Clause 2.9 to 2.15 | Are all the certificates specified against above clause nos. 2.9 to 2.15 required at bidding stage? | YES | - |
| | | At SL. No. 18.2 on page no. 13 of the NCB Document | Bid Security of Rs 6,75,000 in the form of either Fixed Deposit Receipt or Bank Guarantee drawn in favour of Director MNNIT Allahabad | EMD mode specified as FD Receipt or Bank Guarantee. Any exemptions for MSME or for bidders have enrollment with PSUs / Govt / Defence? | Earnest Money Deposit to be submitted by the bidders except Micro and Small Enterprises (MSEs) as defined in MSE Procurement Policy issued by Department of Micro, Small and Medium Enterprises (MSME) (Relevant certificate to be enclosed) | In the absence of any guideline in the Procurement Manual of TEQIP-III, provision of General Financial Rules 2017 is applied. |
| | | At SL. No 22.1 on page no 14 of the NCB Document | The Purchaser will open all bids, in the presence of Bidders' representatives who choose to attend, at 15:30 Hrs on 23.11.2018 | Please confirm the correct bid-opening date. | Please refer page 2 of the NCB Document for Bid Closing Date and Opening Date. | This is due to typographical mistake |
| | | At SL No. 15.2 on page no. 25 of the NCB Document | This warranty shall remain valid for 60 months after the Goods or any portion thereof as the case may be, have been delivered installed and accepted at the final destination indicated in the Contract. The warranty shall be on Complete Solution | Is it from date of supply or installation? If installation is delayed by 6 months, then warranty also postponed by another 6 months? | Warranty shall remain valid for 60 months after the Goods or any portion thereof as the case may be, have been delivered installed and accepted at the final destination indicated in the Contract | - |
| | | | | Does it cover only the active equipment viz. AP, PoE Switches, Routers or complete system including cabling? | YES | - |
| | | | | Does it require replacement or repair is also acceptable? What is the expected Turn-around Time? If defective material is sent for repairs, do we need to provide standby replacement? Do we need to keep replacement units at | Zero / near to Zero downtime | - |

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| | | | site? Who will bear the transportation cost? | | |
| | At SL. No. 15.6 on page no. 25 of the NCB Document | Onsite support with Residential Engg./Technical person for 5 years | Do we need to cover the cost of providing residential engineer at site for 5 years in our bid? Or it has to be offered as an extra item? What facilities will be provided by the University for the Engineer? Can residential accommodation (quarters), working table with Telephone & internet be provided? Can a small storage space be provided for keeping standby equipment? | Refer to NCB Document ✓ | - |
| | At SL. No. 7 on page no. 33 of the NCB Document | For delivery of goods at site, the insurance shall be obtained by the Supplier in an amount equal to 110% of the value of the goods from "warehouse to warehouse" (final destinations) on "All Risks" basis including War Risks and Strikes. | Insurance is applicable only during transport / dispatch state. Post-delivery insurance will be under purchaser scope – please confirm. | Refer to NCB Document ✓ | |
| | At SL. No. 8 (e) on page no 34 of the NCB Document | Maintenance and/or repairs of the supplied goods for a period of three years after the end of warranty period. The bidder should indicate the spares and their costs, if any, which are not indicated in the maintenance contracts. | So the maintenance / repairs of goods are required for 3 years or 5 years (as per page 25 clause 15)? | Warranty mentioned at SI No. 15.2 on page no 25 shall prevail. ✓ | This is due to typographical error ✓ |
| | At SL. No. 11 (ii & iii) on page no 34 and 35 of the NCB Document | On Delivery: Eighty percent of the contract price shall be paid on receipt of Goods and upon submission of the documents specified in SCC Clause 6 above; and On Final Acceptance: The remaining twenty percent of the Contract Price shall be paid to the supplier within 30 days after the date of the acceptance certificate issued by the Purchaser's representative for the respective delivery. | Please clarify the payment term is 90% upon delivery and 10% after acceptance OR 80% upon delivery and 20% after acceptance? Final Acceptance is for Goods or Complete System. Time-line should be specified for payment release after submission of Invoices against each of the above milestones. | 100% Payment shall be made to the supplier after satisfactory Supply, Installation, Testing and Commissioning of Campus wide Wi-Fi Solution in the Institute ✓ | - |

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| | Schedule of Requirements at page 38 of the NCB Document | | SCHEDULE OF REQUIREMENTS depicts Unit Prices of various equipment? Are these target prices? What does these prices indicate? | These are Estimated Cost ✓ | |
| | Eligibility Criteria for Passive Items on page 47 of the NCB Document | OEM should be a Company registered in India under the Indian Companies Act 1956 and should be in existence in India for past 20 years. The cabling should be certified to have application support warranty for next 25 years." Is this mandatory? All passive components should be from the same OEM." Is this mandatory as it will have effect on pricing? | Is it mandatory for the OEM to have presence in India for past 20 years or relaxation could be considered? | No Change ✓ | All passive components should be from the same OEM ✓ |
| Is this mandatory? | | | No Change ✓ | | |
| Is this mandatory as it will have effect on pricing? | | | No Change ✓ | | |
| 6U RACK for Mounting Switch on page no 52 of the NCB Document | 6U RACK for Mounting Switch | 6U rack is Plain or Panels too are required inside? | 6U with Panel ✓ | | |
| | | Patch panels mentioned in BoQ are for CAT6 or Optic Fiber as well? | CAT6 ✓ | | |
| | | How is it planned to interconnect 5 6U Racks? With CAT6 cables or Optic Fiber cables? | CAT6 ✓ | | |
| | | If Optic Fiber then Patch panel for OFC (called Link Interface Unit - LIU) required in Rack. | No Change ✓ | | |

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