

April 6, 2021

CORRIGENDUM No 1

Subject: NIT for Supply, Installation & Commissioning Of Campus Wide Wired And Wireless Local Area Network For IIM Bodh Gaya

NIT Ref. NO: IIMBG/NIT/2020-21/ Campus LAN/20 dated 26/03/2021

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With reference to our **NIT Ref. NO: IIMBG/NIT/2020-21/Campus LAN/20 dated 26/03/2021 for NIT for Supply, Installation & Commissioning Of Campus Wide Wired And Wireless Local Area Network For IIM Bodh Gaya**. Based on the queries received from various vendors, a corrigendum is hereby issued for additions/deletions/modifications in the conditions and specifications in the following sections/annexures of tender no: IIMBG/NIT/2020-21/ Campus LAN/20 ; Date: 26 March 2021, as tabulated below:

S. No.	Section of NIT & Page Number(s)	Content of NIT requiring Clarification(s)	Bidders Remarks	IIMBG Remarks / Additions /Modifications
1	Page no. 6, Clause No. 2 6. Bidder's Eligibility Criteria 6.1 Eligibility Criteria of the Bidder	Bidder should have experience of at least 10 years in the field of Information Technology business/ wired and wireless LAN, MAN, WAN. Joint venture or consortium are not permitted.	We request to kindly modify the clause as under: Bidder should have experience of at least 3 years in the field of Information Technology business/wired and wireless LAN, MAN, WAN. Joint venture or consortium are not permitted.	Bidder contention not agreed to. Please follow RFP.

2	Page no. 9, Clause No. 2 6. Bidder's Eligibility Criteria 6.1 Eligibility Criteria of the Bidder	Bidder should have office at Kolkata/Patna/Dhanbad/Ranchi/Gaya with Service/Support Engineers posted at these locations	We request to kindly modify the clause as under: OEM / Bidder should have office at Kolkata/Patna/Dhanbad/ Ranchi/Gaya with Service/ Support Engineers posted at these locations	Bidder contention not agreed to. Please follow RFP.
3	Page no. 9, Clause No. 2 6. Bidder's Eligibility Criteria 6.1 Eligibility Criteria of the Bidder	Bidder must have dedicated/toll free telephone numbers for 24X7 service support.	We request to kindly modify the clause as under: OEM / Bidder must have dedicated/toll free telephone numbers for 24X7 service support.	Bidder contention not agreed to. Please follow RFP.
4	Page no. 11, Sl. No. 2 8. Evaluation Criteria 8.1 Pre-qualification criteria:	The Company should be registered under Companies Act, 1956 since last Ten years.	We request to kindly modify the clause for Startups & MSME Bidders as below:- The Company should be registered under Companies Act, 1956 since last three years .	Bidder contention not agreed to. Please follow RFP.
5	Page no. 11, Sl. No. 2 8. Evaluation Criteria 8.1 Pre-qualification criteria:	Bidder should have experience of at least 10 years (as on end date of tender) in the field of Information Technology business /LAN, MAN, WAN.	We request to kindly modify the clause for Startups & MSME Bidders as below:- Bidder should have experience of at least 3 years (as on end date of tender) in the field of Information Technology business /LAN, MAN, WAN.	Bidder contention not agreed to. Please follow RFP.

6	Page no. 12, Sl. No. 1 8.2 Technical Bid Evaluations Criteria	Evaluation Criteria Bidder's Operational Criteria in the Information Technology business/ IT System Integration in India (establishment certificate / registration certificate to be furnished) 10 Years: 10 Marks, >10 Years: 10 + completed number above 10 years.	We request to kindly modify the clause for Startups & MSME Bidders as below:- Evaluation Criteria Bidder's Operational Criteria in the Information Technology business/ IT System Integration in India (establishment certificate / registration certificate to be furnished) 3 Years: 10 Marks, >3 Years: 10 + completed number above 3 years.	Bidder contention not agreed to. Please follow RFP.
7	Page No. 9 ; Sl No. 8 ; 6.2 Eligibility Criteria of the OEM	The quoted Active items (Network Switches and their module, Wireless controller, and Access Points) should be from a single OEM for better compatibility.	Generally Access Points and Wireless Controller are required to be from the same OEM as interoperability is not possible between the APs and Controller. However, the switches can be from any other OEM as interoperability between Wi-Fi system is possible with any OEM Switch in the industry. Furthermore, this clause is restrictive and against the PMA policy by DoT, GoI. With respect to controller license, this clause will only enable few OEM to participate in the bid. Therefore we request you kindly change the clause, and allow other OEMs to quote their products in the tender. This will not only allow other OEMs to participate, but will also encourage fair competition. The final decision, hence, can be taken on the basis of most cost competitive solution meeting the requirement.	Bidder contention not agreed to. Please follow RFP.

8	Page No. 32 ; SI No. 2.3 ; Item no. 7 : Minimum technical specifications for Wireless LAN Controller	The wireless controller shall support option to be embedded into switch	A dedicated server for WLC is a pre requisite to ensure optimum performance of the device. Embedding the same into switch would result in lower computing power for the controller and thus degrading its performance. Also considering the same feature is offered by only the OEMs who provide switching solutions as well, this clause is restrictive, and favors the selected few. Therefore we request you kindly remove the clause, and allow other OEMs to quote their products in the tender.	Accepted; Clause Removed
9	Page No. 33 ; SI No. 5.4 ; Item no. 7 : Minimum technical specifications for Wireless LAN Controller	The controller shall support optimized, automatic channel width (20~160Mhz) selection over 5GHz, 802.11ac	The channel width adjustment has a direct impact on the performance of a solution, as on higher channel width the interferences as well as the throughput is high and vice versa. Therefore the adjustment control of this parameter should manually be with the admin, so as to ensure higher performance.	Bidder contention not agreed to. Please follow RFP.
10	Page No. 33 ; SI No. 7.1 ; Item no. 7 : Minimum technical specifications for Wireless LAN Controller	The controller shall support per-user and per-WLAN based application recognition and control that throttle usage by rate- limiting	We cannot show and control data at such a granular level, that is to display application data for each particular user and control the same, on the dashboard as it is against the TRAI policy. Rather profiling can be done on the basis of HTTP/HTTPS, that is overall usage data can be analysed usage with respect to social media, video streaming, etc., but the same cannot be provided at individual level.	Bidder contention not agreed to. Please follow RFP.

11	Page No. 33 ; SI No. 7.3 ; Item no. 7 : Minimum technical specifications for Wireless LAN Controller	The controller shall provide policy-based mDNS gateway including Chromecast gateway	The clause is restrictive and against PMA policy of DoT, Gol as it only permits certain OEMs to participate in the tender. Furthermore, no such requirement is mentioned in TEC GR, the standard Indian specifications for Access Points that is being asked to referred by PMA policy. Hence, we request you to kindly remove this clause and allow local OEMs to participate in the tender.	Bidder contention not agreed to. Please follow RFP.
12	Page No. 34 ; SI No. 10 ; Item no. 7 : Minimum technical specifications for Wireless LAN Controller	The controller shall support automatic VLAN assignment per SSID to load-balance user connection assigned VLAN pool shall be same as number of available VLAN in the system	The clause is restrictive and against PMA policy of DoT, Gol as it only permits certain OEMs to participate in the tender. Furthermore, no such requirement is mentioned in TEC GR, the standard Indian specifications for Access Points that is being asked to referred by PMA policy. Instead static VLAN can be asked for, which is as per industry standards. Hence, we request you to kindly amend this clause and allow local OEMs to participate in the tender.	Bidder contention not agreed to. Please follow RFP.
13	Page No. 34 ; SI No. 10.2 ; Item no. 7 : Minimum technical specifications for Wireless LAN Controller	The system shall support monitoring and provisioning from Mobile App, supporting iOS and Android	The controller dashboard can be accessed via GUI using any browser on multiple devices(mobile/tablet/laptop) for monitoring and provisioning purposes, and there should not be any dependency to access the same via a specific application. This would enable the admin to manage the network more efficiently.	Accepted; "The system shall support monitoring and provisioning from Mobile App/Browser GUI, supporting iOS and Android." [Modified]

14	Page No. 34 ; SI No. 4 ; Item no. 8 : Minimum technical specifications for Indoor Access Point	Access Point shall support application visibility and control	We cannot show and control data at such a granular level, that is to display application data and control the same, on the dashboard as it is against the TRAI policy. Rather profiling can be done on the basis of HTTP/HTTPS, that is overall usage data can be analysed usage with respect to social media,video streaming,etc.	Bidder contention not agreed to. Please follow RFP.
15	Page No. 35 ; SI No. 5 ; Item no. 9 : Minimum technical specifications for Outdoor Access Point	Hardware-Accelerated Deep Packet Inspection (Application Visibility) and Control to increase overall access point performance	We cannot show and control data at such a granular level, that is to display application data and control the same, on the dashboard as it is against the TRAI policy. Rather profiling can be done on the basis of HTTP/HTTPS, that is overall usage data can be analysed usage with respect to social media,video streaming,etc.	Bidder contention not agreed to. Please follow RFP.
16	Page No. 36 ; SI No. 18 ; Item no. 9 : Minimum technical specifications for Outdoor Access Point	Must be plenum-rated (UL2043).	Plenum rating is asked for indoor deployments, where the access points are deployed in plenum spaces. As the given deployment is for outdoor environment, would request you to remove the given clause.	Accepted; Clause Removed

17	Page No. 36 ; SI No. 25 ; Item no. 9 : Minimum technical specifications for Outdoor Access Point	The Access point shall support operating temperature of -40 to 65°C	Request you to kindly change the operating temperature range as per the deployment environment. We believe that the range -15 to 55 degree centigrade will be sufficient for operation in majority of geographical locations in India including Bodg Gaya. Also going for a temperature range of upto -40 to 65 would increase the solution cost as well.	Accepted; "The Access point shall support operating temperature of -15 to 60°C" [Modified]
18	General		The bid doesn't comply with the public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. As it is a tender issued by government body, the PMA policy is very much applicable to this bid, and it is requested to include the PMA clause into the tender	Bidder contention not agreed to. Please follow RFP.
19			The RFP does not mention the restriction on procurement from a bidder/OEM of a country which shares a land border with India as per guidelines published by Ministry of Finance, Department of Expenditure, Public Procurement division, dated 23-07-2020 and 08-02-2020 vide letter No. F. 18/37/2020-PPD.	Already mentioned in Section 9.3 Special terms and Condition: Page 14 of RFP

20	Page No: 36, Technical Specifications: Item no. 10: Minimum technical specifications for 12 fiber Single Mode, Armoured, Unitube, Gel filled cable.	Cable Type: 12 fiber Single Mode, Armoured, Unitube, Gel filled cable complying to ISO.IEC 11801 - 2nd Edition, type OS2; AS/ACIF S008; AS/NZS 3080, ITU-T REC G 652D, IEC 60793/60794, TIA 568, EIA 455; suitable for use in direct burial, outdoor ducts and backbone cabling.	Since the cable is specified to suite the outdoor applications as well, does it need to comply to the Telcordia GR-20 specifications for OSP cable construction. Please confirm.	Telcordia G-20 should comply and HDPE/LSFRZH both will be allowed. Clause is self-explanatory. Please follow RFP
21	Page No.:37, Technical Specifications: Item no. 11: LC-LC Fiber Patch Cord, Pg 37	LC to LC Duplex tuned Fiber Optic Patch Cord 3 Mtr, 9/125 Micron	Please confirm if Patch cord need to have Bend Insensitive properties as per ITU T G.657A1.	Clause is self-explanatory. Please follow RFP
22	Page-38, Technical Specifications: Item no. 13 : Minimum technical specifications for CAT6 UTP Cable,	Category 6 Unshielded Twisted Pair 4 pair cable shall be compliant with ANSI/TIA/EIA-568-B.2-1 Additional Transmission Performance Specifications for 4-pair Category 6 Cabling. The Cable should be tested by third party upto 700 MHz and report should be submitted along with bid.	The standard ANSI/TIA/EIA-568-B.2-1 is almost 15 years old. The latest standard is ANSI/TIA 568.2-D . Request to consider the latest standard for product specifications. Also Request to amend the testing limit to 600Mhz instead of 700Mhz.	The Cable should be tested by third party upto 600-700 MHz. Clause is self-explanatory . Please follow RFP
23	Page-38, Technical Specifications: Item no. 13 : Minimum technical specifications for CAT6 UTP Cable,	Jacket material should be FR-PVC	Request to consider Jacket material of LSZH, compliant to IEC 60332-3-22, IEC 61034-2 and 60754-2.	Jacket material should be FR-PVC/LSZH. Clause is self-explanatory. Please follow RFP
24	Page-39, Technical Specifications: Item no. 13 : Minimum technical specifications for CAT6 UTP Cable,	Missing IEEE 802.3bt PoE compliance	Since the cables are to be used for Wireless LAN which would require more power / POE power to be delivered using the same cable, it is critical for the cabling channel to be compliant to the latest IEEE 802.3bt (Type 4) specifications for efficient PoE transmission to AP's. Please include this feature in the cable specs.	Bidder contention not agreed to. Please follow RFP.

25	Page-39, Technical Specifications: Item no. 13 : Minimum technical specifications for CAT6 UTP Cable,	Missing electrical properties & 3rd party certifications.	Please consider at a minimum: Max DC resistance of Cable: <7.61Ohm/100m; Cable must be ETL Verified to ANSI/TIA 568.2-D and ISO/IEC 11801 for CAT6.	Bidder contention not agreed to. Please follow RFP.
26	Page-3 and Page- 10, Brief Details of Tender and Sec 7: Earnest Money Deposit (EMD) Details	EMD Rs 2,50,000/-	Kindly exempt the the EMD fees for all the bidders	Bidder contention not agreed to. Please follow RFP.
27	Page - 7 , Under Sec-4 : "Deliverables & Timelines"	1. Supply of Cables, Passive Components, Laying and termination - T+5 Week. 2. Delivery of remaining hardware (100% as per site requirement) - T+6 Week. 3. Installation and commissioning of the required Hardware and Software on all sites. - T+12 Weeks. 4. Final Acceptance Test (FAT) - T + 14 Week.	Kindly increase the time line for the delivery of the materials as well as for the Installation, commissioning and FAT.	Bidder contention not agreed to. Please follow RFP.
28	Page-13, under Sec- 8.2, "Technical Bid Evaluations Criteria"	Wired and Wireless LAN, MAN, WAN implementation experience in Central Govt. /State Govt./PSUs/ Govt Educational Institute/Govt University/Govt Research Institutions since 1st April 2010 (PO with Completion Certificate to furnish)	Can an implementation experience in any IITs/IIMs/AIIMs/NITs and other Institute of National Importance/ Government research institutions be shown in both cases?	Clause is self-explanatory
29	Page-13, under Sec- 8.2, "Technical Bid Evaluations Criteria"	Wired and Wireless LAN, MAN, WAN implementation experience in IITs/IIMs/AIIMs/NITs and other Institute of National Importance/ Government research institutions since 1st April 2010 (PO with Completion Certificate to furnish)		Clause is self-explanatory

30	Page-41, Item No: 21, Minimum Specifications for 3KVA On-Line UPS (1PH-1PH)	Eligible Brand: Numeric/APC/Vertiv etc.	Will other OEMs can be considered ?	Bidder contention not agreed to. Please follow RFP.
31	Page-20, under Sec: 14. " Documents Need to be Submitted With Technical Bid , Sr. No. 13 & 16	13. Manufacturing Authorization Certificate (As applicable) : Annexure – VI and 16. Authorization letter. Tender Specific Authorization Letter from OEMs must be submitted.	Are both the points mean same ? If it is not then kindly clarify the point 16.	Clause is self-explanatory
32	Page-20, under Sec: 14. " Documents Need to be Submitted With Technical Bid , Point 19	Service Level Agreement	Please remove this point	Bidder contention not agreed to. Please follow RFP.
33	Page-20, under Sec: 14. " Documents Need to be Submitted With Technical Bid , Sr. No. 25	Details Impressed Materials List (Bidder Choice for proper SLD)		Clause is self-explanatory
34	Page-21, Sec-16 " Bill of Matherials Part" and Page 43, Section 18 " price Bid"	Dual Band AC Wave 2 Indoor access points, POE Supportable Quantity - Qty - 50 nos.	In Page 22, under section " BOQ for service Part" it is mentioned "Installation , commissioning & Testing for Indoor/Outdoor Wireless Access Points as per site requirements" - Qty - 55 Nos	Please refer section 18, Price Bid at page 43
35	Page-21, Sec-16 " Bill of Matherials Part" and Page 43, Section 18 " price Bid"	12 Core single mode armored Fiber Cables - Qty - 2000 Mtrs	In Page 22, under section " BOQ for service Part" it is mentioned "Laying charges of OFC cables (indoor/Outdoor) including digging/cutting of soft/hard soil and propoer refilling the same, installation of route marker" - Qty - 2500 meters	Please refer section 18, Price Bid at page 43



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36	Page-21, Sec-16 " Bill of Matherials Part" and Page 43, Section 18 " price Bid"	24 Port Loaded LIU, Loaded with SC type coupler panel, adaptor and splice tray- Qty - 6 nos	In Page 22, under section " BOQ for service Part" it is mentioned "Installation & Termination of LIU including splicing and Fiber testing of all coresr" - Qty - 16 Nos	Please refer section 18, Price Bid at page 43
37	Page-21, Sec-16 " Bill of Matherials Part" and Page 43, Section 18 " price Bid"	32 mm HDPE Pipe- Qty - 1800 Mtrs	In Page 22, under section " BOQ for service Part" it is mentioned "Laying of HDPE pipes underground/over the surface" - Qty - 2000 Meters	Please refer section 18, Price Bid at page 43

All other Terms and Conditions will remain unchanged.

For any further clarifications please contact the Tender Inviting Authority as given below.

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