# Corrigendum/Clarification/Modification related to Pre-Bid Meeting of dt. 18.01.2021

| S.No | Page No. | Section | Sr. No. | Query by Vendors | Existing Clause | Modified Clause |
|------|----------|---------|---------|------------------|-----------------|-----------------|
| 1 | 79 | Section-I, Chapter-III | 9 ( Switch Type-A) | a. 1G SFP should be populated with Single Fiber/ Dual Fiber support? b. How many SFP required? c. 3rd Party Compatible SFP should be allowed to quote by the bidder having DDMI features. d. Switch has total 04 nos SFP PORT. Do we need to quote 04 nos SFP/ SWITCH? e. TYPE OF 1G SFP required? (BiDi or Single Fiber)? | 2) Should have support for 4 ports SFP Based Gigabit ports. (populated with required SFP modules of min distance of 20 KM) | 2) Should have support for 4 ports SFP Based Gigabit ports. (All this 4 ports are populated with BiDi SFP module with DDMI feature and min distance of 20 KM) |
| 2 | 81 | Section-I, Chapter-III | 10( Switch Type-C) | In 24 port SFP switch, 4 SFP port should be shared with 4 copper ports. Actual Specs should be as below 1. Should have 20 ports SFP Based Gigabit ports. 2. Should have 4 ports SFP/ Copper Based Gigabit COMBO ports 3. Should have support for 4 ports SFP+ Based Gigabit ports. | 1) Should have 24 ports SFP Based Gigabit ports. 2) Should have 4 ports copper Based Gigabit ports 3) Should have support for 4 ports SFP+ Based Gigabit ports. | 1. Should have 20 ports SFP Based Gigabit ports. 2. Should have 4 ports SFP/ Copper Based Gigabit COMBO ports 3. Should have support for 4 ports SFP+ Based Gigabit ports. |
| 3 | 83 | Section-I, Chapter-III | 11 ( Switch Type-D) | Modification by RailTel | 5) 10G / gigabit - 48 optical port | 5) 10G 48 optical ports (All this 48 ports are populated with BiDi SFP + module with DDMI feature and min distance of 20 KM) |
| | | | | 1. Number of 100G Port required in the switch? 2. Number of SFP modules required in the switch? 3. In the tender 4 QSFP+ (populated with required SFP modules) mentioned but it's not clear what is the requirements. If 100G SFP module required than it should be mentioned as of QSFP rather than QSFP+ to meet the requirements of 100G. Type of SFP module require from below 03 variants? a. 100G SR4 (100 Mtr) b. 100G LR4 (10 KMs) c. 100G ER4 (40 KMs) If 40G SFP module required than, then let us know type of SFP module required from below 03 variants? a. 40G SR4 (100 Mtr) b. 40G LR4 (10 KMs) c. 40G ER4 (40 KMs) 4. Is MPO CABLE required? 5. If MPO CABLE also to be supplied than please let us know the length of the MPO CABLE? 6. 3rd Party Compatible SFP should be allowed to quote by the bidder having DDMI features. 7. How many SFP modules to be quote per SWITCH? 8. TYPE OF SFP required? (100G/ 40G)? in the tender, you have asked switch should support 100G UPLINK PORT. It means switch can also support 40G as well. Please clarify, TYPE OF SFP required? 3. Distance support required in the SFP WHETHER requirements is 100G OR 40G? 4. Length of fiber patch cord/ MPO cable required? | 6) 100 Gig interface for uplink — 4 QSFP+ (populated with required SFP modules) | 6) 100Gig interface for uplink - 4 QSFP + (All this 4 ports are populated with 40G SR4 module(min distance 100mtr) with DDMI feature. MPO cable is not required. |
| | 84 | | | Modification by RailTel | 30) AC Power supply: Switch should have dual internal Hot swappable Redundant Power supply. | 30) DC -48V Power supply: Switch should have dual internal Hot swappable Redundant Power supply. |
| 4 | 92 | Section-I, Chapter-III | 26 (Wireless Router 1200 mbps) | Each OEM has it's own architecture/ design. You are asking external antenna. We have Internal Dual Band Antennas. Kindly consider external/internal antenna. Final recommended specs- Ultimate Range Wi-Fi :- External/ Internal antennas to provide stable wireless connections and optimal coverage | 2. Ultimate Range Wi-Fi :- 4 external antennas and one internal antenna provide stable wireless connections and optimal coverage | The provision in bidding document remains unchanged. |
| 5 | 92 | Section-I, Chapter-III | 26 (Wireless Router 1200 mbps) | Each OEM has it's own process in selecting the chipset based on design finalized. You are asking specific chipset. We do work with Qualcomm Chipset. To meet your current requirements, please remove chipset make in the specs. Final recommended specs- :- HighPerformance Chipset to provides an excellent connection experience | 3. Qualcomm Chipset :- HighPerformance Chipset provides an excellent connection experience | The provision in bidding document remains unchanged. |

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| 6 | 92 | Section-I, Chapter-III | 26 (Wireless Router 1200 mbps) | Archer C6 is OEM specific model. Please remove this name in the specs. Other than that now a days, all home client devices (SMART PHONE/ TABLET/ SMART TV/ LAPTOP) are wi fi enabled. So one LAN port is OK to physically connect LAPTOP/ DESKTOP to uplink to any other network/switch. Please consider asking 01 LAN port instead of 04 LAN PORTs. Final recommended specs- :- With one Gigabit WAN port & min 1 or more Gigabit LAN ports to connect to wired devices | 5. Gigabit Ports :- With one Gigabit WAN port and four Gigabit LAN port speeds can be up to 10× faster than standard Ethernet connections. Connect your favorite wired devices to the Archer C6 and get impressed | 5. Gigabit Ports :- With one Gigabit WAN port and four Gigabit LAN port speeds can be up to 10× faster than standard Ethernet connections. |
| 7 | 92 | Section-I, Chapter-III | 26 (Wireless Router 1200 mbps) | Easy Mesh features should be supported in the wi fi router. There was a similar product requirement recently floated in a RAILTEL North Region Tender ref noRef: GeM Bid No. GEM/2020/B/902990, Dt.03.12.2020 In that, the clause was- "In case OEM is having 1 unit (packing/ set) than they should supply 02 ROUTER IN a set. Both Router should be configure using OEM Mobile Application and mange from it. Same SSID on both router for seamless roaming without any additional configuration." | 8. Support One Mesh function, by connecting different devices, it can help eliminate Wi-Fi dead zones and create a seamless Wi-Fi connection with the same wi fi name. | The provision in bidding document remains unchanged. |
| 8 | 94 | Section-I, Chapter-III | 28.3 | make of SFP mentioned in tender : XGIGA, Finisar, Juniper, Acce link, Arista, Apaqc opto, Electronics, sumitomo. Please consider adding "WatchDog" make SFP in the current tender and all your upcoming project/ requirements. | 10. OEM of SFP's :-XGIGA,Finisar,Juniper,Acce Link,Arista,Apac opto Electronics,sumitomo | 10. OEM of SFP's :-XGIGA,Finisar,Juniper,Acce Link,Arista,Apac opto Electronics,sumitomo, Watchdog. |
| 9 | 23 | Section-I, Chapter-II | 5 (SOR) | The rate is much less than market price (as per pair), it should be unit rate. so kindly amend the bid by asking qty as 392 no. or amend the bid price 2* Rs. 2832(incl Tax). As, Price taken as a reference is too low & it should be for unit rather than PAIR. | supply of SFP+ BIDI 40KM: unit "Pair" | supply of SFP+ BIDI 40KM: unit "Nos" |
| 10 | 23 | Section-I, Chapter-II | 5 (SOR) | The rate is much less than market price (as per pair), it should be unit rate. so kindly amend the bid by asking qty as 176 no. or amend the bid price 2* Rs. 5238.02(incl Tax). As, Price taken as a reference is too low & it should be for unit rather than PAIR. | supply of SFP+ BIDI 60KM: unit "Pair" | supply of SFP+ BIDI 60KM: unit "Nos" |
| 11 | 79 | Section-I, Chapter-III | 9 ( Switch Type-A) | Modification by RailTel | 7. Should have AC and DC power supply arrangement as given below in chassis without any external adaptors : i) AC Power Supply 100 to 240 V AC with 50 to 60 Hz ii) -48V DC supply purchase order. In case not specified, tenderer should seek clarification on the power supply arrangement. | 7. Should have AC  power supply arrangement as given below in chassis without any external adaptors : i) AC Power Supply 100 to 240 V AC with 50 to 60 Hz clarification on the power supply arrangement |