

Mormugao Port Trust
Finance Department
IT Cell

CORRIGENDUM NO. 1 TO NIOT NO. FA/IT(7-ERP)/2018/237 DATED 12.02.2018 FOR PROVISIONING OF MPLS L3 VPN CONNECTIVITY

MPT Clarifications & Amendments in response to Prebid Queries Submitted by Bharti Airtel Ltd pertaining to NIOT No. FA/IT(7-ERP)/2018/237			
Sr.No.	RFP Reference Clause	Clarification Sought / Amendment Requested	MPT's Clarification
1	4.2.2.3 All routers located at MPT and SAP HEC at Ctrl S Data Center, Navi Mumbai end to be managed by tenderer.	the usage of term " all routers " is highly ambiguous. tenderer shall be asked to manage the router(s) provided by them as part of the MPLS VPN link only, any other hardware maintenance should be excluded from bidder's scope. Hence kindly modify this clause as follows - "bidder shall be responsible for management and configuration of routers provided by them as part of the MPLS connectivity".	The said term "All Routers" means the CPE Router located at MPT end and CPE Router located at SAP HEC (Ctrl S Data Center, Navi Mumbai) . SAP HEC-Ctrl S will provide space and power for CPE Router in Ctrl S Mux or Telco Room without any additional cost to the bidder. MPT will also provide space and power for CPE Router at MPT premises.
2	4.2.2.4 Physical connectivity at MPT Network and SAP HEC at Ctrl S Data Center, Navi Mumbai to MPLS Cloud will be the responsibility of tenderer.	Need confirmation from MPT that space and power required at CtrlS data center for hosting the CPE router shall be provided by MPT without any additional cost to the bidder.	Space and Power will be provided for CPE Router at SAP HEC-Ctrl S Data Center and MPT Premises without any additional cost to the bidder.
3		Also, the cross connect for connecting bidder's(service provider's) Multiplexer device installed at the Telco Room at CtrlS data center to the CPE router installed at customer rack at CtrlS data center should be arranged by MPT without any additional cost to the bidder.	It is clarified that Cross connect from Router (Mux room) to MPT server setup at SAP HEC is Ctrl S Responsibility. This will be provided without any additional cost to the bidder .
4		We would also need to know what kind of ports(interface) shall be provided by SAP Hana Enterprise Cloud for connectivity towards MPLS CPE Router.	It is clarified that It will be RJ 45 Ethernet port .

5		Kindly also provide a diagram of the infrastructure to which the MPLS VPN connectivity needs to be integrated with indicating the equipment ports that will act as the demarcation point.	The role of the bidder (ISP) is to provide connectivity and Link Hands-off up to CPE Router. Logical connectivity need to be assured by ISP . Physical connectivity from mux room CPE router to Server Rack will be CtrlS Responsibility.
6	4.2.2.5 Bidder has to provide all Network hardware under the Managed MPLS connectivity.	use of the term "all network hardware" is very broad and carry an infinite scope. Hence request to modify this as follows - "bidder shall provide CPE router along with the MPLS link for ensuring proactive monitoring and reporting of the link performance"	The said Clause is amended as "Bidder has to provide CPE router along with the MPLS link for ensuring proactive WAN link monitoring and management including reporting of the link performance.
7	4.2.2.12 Primary and secondary link will be terminated on separate router	Kindly confirm that bidder is required to provide only one link with router. The other link along with router shall be procured and integrated by MPT themselves.	It is clarified that Bidder has to provide only one link with the CPE router.
8	4.2.3.3 Bidder to inform MPT about the threshold limit crossed in writing. MPT may increase the bandwidth as per the rate card/rate contract provided by the bidder. The bidder has to scale up the bandwidth within 48 hours of notification by MPT.	bandwidth upgrades cannot be done in 48 hours. Would request to give minimum of 3 weeks for such upgrades.	The Clause 4.2.3.3 has been amended as follows " 4.2.3.3 Bidder to inform MPT about the threshold limit crossed in writing. MPT may increase the bandwidth as per the rate card/rate contract provided by the bidder. The bidder has to scale up the bandwidth within one week of notification by MPT.
9	4.2.4 MPT's Responsibilities: 4.2.4.1 Shall provide necessary work permits/permissions to carry out the job at CFS end only. 4.2.4.2 Shall provide 230 V AC, 50 Hz, 5 A power supply at the router location at CFS end only.	Kindly clarify what is meant by "CFS"	The word CFS may be read as MPT & Ctrl S end. Ctrl S and MPT will provide necessary access to Mux room for troubleshooting and installation and for on going maintenance.

10	4.2.5 Technical Specifications Last mile (local loop) will be on Fiber and redundancy will be on RF/Fiber.	Kindly confirm if MPT is looking for MPLS VPN link with single last mile from the bidder. Request you to provide a diagram if possible. This concern/request for clarification is raised since MPT has mentioned that you were looking for two MPLS links from two different service providers. In such case each of the service provider shall provide connectivity on a single last mile media such as Fiber or RF. The secondary MPLS connectivity will be ordered separately by MPT with the L2/L3/L4 bidder who is ready to match L1 bidder prices. Kindly clarify this point.	It is clarified that the Bidder should provide one link only with last mile on fiber. The secondary MPLS connectivity will be procured by MPT from the L2/L3/L4 bidder who will be ready to match L1 price.
11	4.2.5.8 Tenderer should supply, maintain and manage the Multiplexers, CPE, which includes L3 hardware (L3 switch/router) that is required for the User agencies to get connected.	We would request you to modify this clause as - "Tenderer should supply, maintain and manage the CPE Router that is required at both sites for establishing communication and manage the CPE router."	The Clause is modified as follows. "Bidder should supply, maintain, bear cost and manage the CPE Router that is required at both sites for establishing communication and manage the CPE router. For U Space and Cross Connect Charges at Ctrl S - It is already part of HEC delivery services so no charges are applicable from HEC-Ctrl S Data Center.
12	5.2.1.3 The Annual Recurring Charges shall include bandwidth charges, port charges, CPE not limited switch, routers, cables, modem etc.	Kindly modify this clause as - "The Annual Recurring Charges shall include bandwidth charges, port charges, CPE routers & modem. Cross connect & hosting charges at CtrlS data center shall be borne by MPT & bidder shall not be made responsible for the same."	it is clarified that the Annual Recurring Charges shall include bandwidth charges, port charges, CPE routers & modem. Cross connect & hosting charges at CtrlS data center are not payable by the Bidder
13	5.2.2 Total sum of (A+B) of above should cover all charges including charges of router or any terminating equipment, redundant last mile charges, router management charges, port access charges and any other charges as per the technical requirement of each site as per Table-I.	Kindly clarify the requirement with a diagram to avoid confusion regarding the term redundant last mile.	It is clarified that the last mile connectivity will be on fiber.

14	5.5.1 Mobilization: MPLS connectivity as per the scope of work is expected to be established / mobilized within 1 month from the date of issue of Notice of Award/LOA/Work Order.	Would request you to extend the time period to 2 months.	The Tender Condition Prevails.
15	5.15 COMPENSATION FOR DELAY IN EXECUTION OF CONTRACTIf the Bidder fails to commence the work in all respects within the time specified or within the extended time that may be allowed by the Port, the Bidder shall pay to the Port a sum equivalent to 0.5% per week or part thereof of the total value of the contract subject to a maximum of 5% of the total value of contract as liquidated and ascertained damages and not by way of penalty which may also be deducted from any moneys due to the Bidder.	would request you to change the penalty as follows - ".....the Bidder shall pay to the Port a sum equivalent to 0.5% per week or part thereof of the annual recurring charges of the link that is delayed for implementation subject to a maximum of 5% of the annual recurring charges of the link that is delayed for implementation...."	The Tender Condition Prevails.
16	INFRASTRUCTURE SET-UP: CONTRACTOR will solely be responsible for complete set-up-to customer end for last mile connectivity. MPT will be connected through OFC/Copper and redundant connectivity through RF backhaul or mesh. Termination of the link will be Ethernet RJ-45. In case of failure of primary OFC/Copper last mile link to MPT, the circuit will automatically switch over in less than 60 seconds to the redundant RF backhaul of mesh using OSPF technology. MPT will have to pay no charges for installation and commissioning other than quoted in the tender.	Kindly clarify the requirement with a diagram to avoid confusion regarding the term redundant last mile. Also , our recommendation is to use BGP instead of OSPF.	It is clarified that the last mile would be on OFC.

17	NETWORK AVAILABILITY: CONTRACTOR's Network Availability Guarantee declares that the Network will be available 99.9% of the time	Request to revise the uptime requirement as 99% quarterly & also to make the penalty on prorata basis.	The Clause is amended to replace the the availability from 99.9% to 99.0% of the time. All the other terms and conditions remain the same.
18	CPE Router Make and Model	Request you to kindly specify the CPE router make and model that needs to be quoted along with link.	CPE Router should have extra ports and capacity for next 100% growth.

FA & CAO
MORMUGAO PORT TRUST