

**Response to Bidders Queries - Power Information Technology Company (PITC)
Tender No. PITC/G-224(50)/11-2020**

Sr.	Query	Query raised by	Reply of PITC
1	Bandwidth on Hub Site mention is 32 Mbps (on Page 26) Kindly confirm it's 136 Mbps.	M/s Wateen	Bandwidht of Aggregation Site will be sum of bandwidht of all the sites
2	Kindly provide each site POC mobile number for conducting Fiber feasible Survey.	M/s Wateen	Mr. Naveed Anjum Conatct # 0318-3990303
3	9.1(e) In case if the last mile on Fiber is not feasible/available, service provider should provide backup link of same bandwidth on RF.(Page No.9) Please confirm, it's a primary link.	M/s Wateen	Yes it will be treated as primary link
4	At least 10 clients with business of amounting 500 Min (05 Marks) At least 04 clients with business of amounting 200 Min (02 Marks) This is about annual business volume in million.	M/s Wateen	Yes
5	25.1 parra regarding Technical Requirement please relook the brand name (CISCO) series 1111from tender as discussed and mutually agreed and mention the generic name.	M/s PTCL	The Router details are attached at Annex-A
6	Clarity required about if two or more revenue offices located within same premise should we go for one hardware for centralized connectivty for all offices located in same compound or we have to deploy standalone setup for every office.	M/s PTCL	For same compound (Single building) Link will be single for all offices.
7	Inspection certificate signature on GRN should be done by Head Office instead of remote revenue offices.	M/s PTCL	It will be signed centrally
8	Please help in fixing the Bid Money amount as per PPRA new ruling	M/s PTCL	The Bid money is fixed to Rs. 300,000/- .



Power Information Technology Company

To harness the potential of Information Technology as a key contributor
In the development of Power Sector of Pakistan

405 Wapda House, Lahore- Ph: 042-99202666 Fax: 042-99202799



Router Detailed Specification:

Annex-A

Branch Router	Hardware Router that provides up to 6 built-in 10/100/1000 Ethernet ports for WAN or LAN (minimum two WAN full routed) for smooth operation and 99.99% uptime and With Rack Mount Kit.
Software Defined WAN	SD-WAN ready and able to seamlessly integrate with SD WAN console in future.
Protocols	IPv4, IPv6, static routes, Routing Information Protocol Versions 1 and 2 (RIP and RIPv2), Open Shortest Path First (OSPF), Border Gateway Protocol (BGP), BGP Router Reflector, Intermediate System-to-Intermediate System (IS-IS), Multicast Internet Group Management Protocol Version 3 (IGMPv3), Resource Reservation Protocol (RSVP), Discovery Protocol, Internet Key Exchange support (IKE), Access Control Lists (ACL), Dynamic Host Configuration Protocol (DHCP), DNS, RADIUS, Authentication, Authorization, and Accounting (AAA), IPv4-to-IPv6 Multicast, Multiprotocol Label Switching (MPLS), MPLS Layer 2 and Layer 3 VPN
Encapsulation	Generic Routing Encapsulation (GRE), Ethernet, 802.1q VLAN, Point-to-Point Protocol (PPP), Multilink Point-to-Point Protocol (MLPPP), Frame Relay, Multilink Frame Relay (MLFR)
QoS / Traffic Management	Quality of Service (QoS), Weighted Random Early Detection (WRED), Hierarchical QoS, Policy-Based Routing (PBR), and Network-Based Application Recognition (NBAR) equivalent or higher technology protocol
Warranty	<ul style="list-style-type: none">•Round-the-clock, global access to the TAC•Unrestricted access to the extensive knowledge base and tools•3Yr Next-business-day, advance hardware replacement and onsite parts replacement and installation.• Ongoing operating system software updates within the licensed feature set