

National Board of Revenue (NBR)
iVAS IT Unit
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Memo No: 08.01.0000.068.07.005.22.149

Date: 25/07/2023

This is notifying to all concern that the following Amendments are made to the Tender Ref No. 08.01.0000.068.07.005.22.124 Package: iVAS-GD-01: Supply, installation and distribution of VPN data link between iVAS Unit and All Customs Excise and VAT Commissionerates, All Customs Excise and VAT Division Offices, All Customs Excise and VAT Circles and National Broad of Revenue along with Broadband Internet Connection among all above mentioned offices, Data Center & Disaster Recovery Center and Supply internet bandwidth for 3 years.. Published on : 18/06/2023.

Amendments on Tender Last Selling Date, Closing Date and Time and Opening Date and Time:

Sl	Tender Information		Existing As			Changed As		
	Package No	Package Name	Last Selling Date	Closing Date and Time	Opening Date and Time	Last Selling Date	Closing Date and Time	Opening Date and Time
1.	Package: iVAS-GD-01	Supply, installation and distribution of VPN data link between iVAS Unit and All Customs Excise and VAT Commissionerates, All Customs Excise and VAT Division Offices, All Customs Excise and VAT Circles and National Broad of Revenue along with Broadband Internet Connection among all above mentioned offices, Data Center & Disaster Recovery Center and Supply internet bandwidth for 3 years.	17/07/2023	18/07/2023 2:00 PM	18/07/2023 2:30 PM	07/08/2023	08/08/2023 2:00 PM	08/08/2023 2:30 PM

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Amendments on Section-2 & 7

Sl No.	Clause No.	Item No	Page	Existing Information	Replaced Information
2	Section-6	A.1	66	In clause A.1: List of Establish Connectivity and Supply of Internet Bandwidth for 3 years Total number of offices is shown 362	In clause A.1: List of Establish Connectivity and Supply of Internet Bandwidth for 3 years Total number of offices shall be 363. Here '363' Customs Excise and VAT Applet Tribunal shall be added. Bandwidth will rearrange from the given list.
3	G. Others:		88	Fulltime Transport facility (24/7) of one 5-seater Car needs to be arranged by the bidders to ensure uninterrupted service	Transport facility for fulltime (08 AM to 08:00 PM) of 01 (ONE) 5-seater Car (Not below Model: 2017) needs of Package-01 be arranged by the Bidders to ensure uninterrupted service
4	Section-4	GCC25.1	46	(b) On Delivery and Acceptance: i. Bill will be paid on monthly basis. Successful Vendor will claim the bill after providing the required internet bandwidth. iVAS team will verify each supply and submit an user acceptance test report.	(b) On Delivery and Acceptance: i. Bill shall be paid on monthly basis. Successful Vendor shall claim the bill in the following manners: (a) For existing 305 offices, bill shall paid after providing internet bandwidth and maintenance support services on monthly basis. (b) For existing 58 offices successful vendor has established connectivity. iVAS unit after completion of installation, testing and commissioning of 58 offices. Vendor can submit bill for the devices those shall be supplied by this connectivity. Acceptance certificate also attached with bill. (c) Bill of the internet bandwidth of 58 offices shall be paid after internet bandwidth supplied. (d) Internet bandwidth bill for the proposed 143 offices shall be paid after establishing





					connectivity and supply the required internet bandwidth (e) For new 143 offices successful vendor has established connectivity. iVAS unit after completion of installation, testing and commissioning of 143 offices, Vendor can submit bill for the devices those shall be supplied by this connectivity. Acceptance certificate also attached with bill.
5	H:Gateway Router (Qty:60 Pcs)	89	Add Technical Specification of Gateway Router	Detail Technical Specification of Gateway Router (Annex-1) shall be added in section-7 as Clause 'H' Router Specification.	



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H: Gateway Router (Qty: 60 Pcs)

Sl No.	Item Description	Technical Specification & Standards	Bidder's Responses	Reference page no
1	Quality	ISO 9001/9002 for Manufacture		
2	Brand	To be mentioned by the bidder		
3	Model	To be mentioned by the bidder		
4	Country of Origin	USA or EU		
5	Environmental	Maintain International Quality Environmental Safety Standard		
6	Form factor	Rack Mountable with Chassis		
7	Part No	Bidder should submit BOQ of proposed device including the details' part numbers. Manufacture should be Gratner Leader in Year of 2019/2020.		
8	Architecture	Should have multiple processor/CPU based architecture with the dedicated control plane and service plane		
		Should support encrypted traffic min 350 Mbps and should provide traffic performance 50 Mbps or more from day 1		
		Memory: Minimum 8 GB DRAM & 8 GB Flash		
		Interface: 2 WAN Port (1 x Copper Gigabit Ethernet and 1 x SFP Gigabit Ethernet) with 8 x 1 GE LAN Port and future upgrade to 4 POE or 2 POE+ with module		
		Management: 1 x console, 1 x USB 2.0 Type A port		
		Should have rack mount accessories with proposed router		
		Should support static routes, RIP and RIPv2, OSPF, BGP, IS-IS , IGMPv3, PIM SM, SSM, RSVP, ACL, AVC and BFD		
		Should support LISP, Virtual Private LAN Services (VPLS), L2TPv3, MPLS & Ethernet over MPLS		
		Network Services: IPv4, DNS, DHCP Client, DHCP Server, DHCP relay, NAT		
		Should support hardware assisted VPN acceleration for crypto performance. IPSEC feature should available from day 1.		
		Security: Should support DES, 3DES, VPN compliant IPsec, AES-128 or AES-256 for encryption and RSA (748 /1024/2048 bit) and ECDSA (256/384 bit) as authentication protocol in future without any hardware change		
		Should support PPPoE, Layer 2 Tunnelling Protocol Version 3, Layer 2 and Layer 3 VPN, Ethernet Virtual Connections as well as IKEv2 IPsec based VPN, Crypto VPN, GRE VPN, site-to-site, dynamic multisite hub-and-spoke, multisite spoke-and-spoke, remote access software based VPN over IPv4 and IPv6, multicast		



		traffic over the VPN in future without any hardware change		
9	General Features	Should support hardware assisted VPN acceleration for crypto performance		
		Should support dynamic failover protocols such as Virtual Router Redundancy Protocol (VRRP; RFC 2338)		
		Network Services: IPv4, DNS, DHCP Client, DHCP Server, DHCP relay & AAA		
		QoS: Shaping, Policing, Per-flow queueing, Class-based queueing, Voice/Video/RTP QoS		
10	High availability & Resiliency	Router should support redundant field replaceable power supplies.		
		Router should support redundant field replaceable fans.		
		Router should support cross-stack EtherChannel.		
11	Management features	Should support modular OS on open platform with programmable and automation feature to support software defined WAN (i.e. link optimization, application visibility/detection, traffic load balancing, performance analysis for routing etc.)		
12	Manufacturer's Warranty	Minimum 3 (Three) years warranty for OEM, Manufacturer's warranty part number should be mentioned. OEM should have local office & RMA DEPO in Bangladesh.		


