Bhubaneswar Smart City Limited

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No. 2121 /BSCL/Tech//86/2021. Dated:25th October, 2023

CORRIGENDUM

The Tender submission and opening date on selection of agency for Supply, Installation, commissioning and go-live of Firewall with 3 years support at Bhubaneswar Smart City Limited floated vide Notice No.2085 Dated 16/10/23 is hereby extended up to 3.30 P.M. of 3rd November, 2023 due to some un avoidable circumstances which shall be opened at 5.00 P.M. on the same date.

25/10/23

General Manager (Admin)
Bhubaneswar Smart City Limited

Technical Specification of Next Generation Firewall			
S.No.	**Technical Specification**	**Compliance (Yes/No)**	**Offered Parameter**
1	**Hardware Specification**		
1.1	Device Should be 1RU ; 19 Inch Rack mountable		
1.2	The appliance should have multicore processor based architecture.		
1.3	The appliance should have minimum **8x1GbE,2 USB 3.0,**		
1.4	The appliance should have minimum **2x2.5G SFP+**		
1.5	The appliance should have minimum **1 Console AND 2x2 802.11ac Wave 2 Support for wireless and android Mobile from day1**		
1.6	The appliance should have External Power Supply from Day1		
1.7	The appliance should have minimum **2 x USB 3.0 port and one Console Port**		
1.8	The appliance should have minimum internal storage of 256GB SSD for Logs & Reports or better.		
1.9	The appliance Should have Minimum 4GB Memory or better		
2.0	Proposed solution should have bandwidth quota and time quota for manageability of users		
2	**License Deliverable /Description**		
2.1	User Identity		
2.2	Next Generation Intrusion Prevention System (IPS),Zero Day Protection		
2.3	Advance Malware protection, Web Security Essentials		
2.4	URL Filtering ; Antivirus, URL Filter, Application Filtering, Basic 24x7 Support		
2.5	Need 3 Years / 36 Month License with H/W Warranty		
3	**Performance Capacity –Minimum**		
3.1	**The appliance should have minimum Firewall Throughput of minimum 3.5 Gbps or better**		
3.2	The appliance should able to handle minimum **900K SPI new session per second or better**		
3.3	The appliance should able to handle minimum **1.5 Gbps IPS and application inspection throughput or better**		
3.4	The appliance should have minimum **Antimalware Throughput of 1.5 Gbps or better**		
3.5	The appliance should have minimum **IPS Throughput of 1.5 Gbps or better**		
3.6	The appliance should have minimum **Firewall TLS/SSL inspection and decryption throughput (DPI SSL) throughput 600 Mbps** or better		
3.7	The appliance should have minimum **IPSec VPN Throughput of 1.5 Gbps or better**		
3.8	The appliance should support **Gateway Anti-Virus, Anti-Spyware, Intrusion Prevention, DPI SSL**		
3.9	The applice should support **HTTP URL, HTTPS IP, keyword and content scanning, Comprehensive filtering based on file types such as ActiveX, Java, Cookies for privacy, allow/forbid lists**		
3.10	The applice should support **Comprehensive filtering based on file types such as ActiveX, Java, Cookies for privacy, allow/forbid lists**		
3.11	The appliance should support **Bandwidth priority, max bandwidth,**		
3.12	The appliance should support **guaranteed bandwidth, DSCP marking, 802.1e (WMM)**		
3.13	The appliance should have minimum 1M Concurrent Session/Concurrent Connection		

3.14	The appliance Should support Dead Peer Detection, DHCP Over VPN, IPSec NAT Traversal, Redundant VPN Gateway, Route-based VPN		
3.15	The appliance Should support DES, 3DES, AES (128, 192, 256-bit)/MD5, SHA-1, **Suite B Cryptography**		
3.16	The appliance Should support Verisign, Thawte, Cybertrust, RSA Keon, Entrust and Microsoft CA Certificate.		
3.17	The proposed system should have the option to integrate with **Apple® iOS, Mac OS X, Google® Android™, Kindle Fire, Chrome OS, Windows 10.**		
3.18	The proposed system should have the option to integrate with **Google® Android™**		
3.19	The proposed system should have the option to integrate with Mac OS X		
3.20	The proposed system should have the option to integrate with **Chrome OS, Windows 10.**		
3.21	The appliance should have support for LDAP (multiple domains), XAUTH/RADIUS, SSO, **, internal user database, Terminal Services, Citrix,**		
3.22	The appliance should have support for LDAP (multiple domains) **Novell**		
3.23	The appliance should have support for LDAP (multiple domains) **Terminal Services, Citrix**		
5.4	The appliance should have support for LDAP (multiple domains) **Common Access Card (CAC)**		
5.5	The Proposed solution should have a future flexibility / option to provide complete policy enforcement and visibility of roaming users and should restrict the remote user from disabling it.		
5.6	The Proposed solution should have a future flexibility to apply organization policy framework to the remote users and ideally, it should control the Web and Application filter of the remote user		
Other Terms & Conditions			
1	Supply, Installation, Integration, testing commissioning and training as per site requirements shall be done by the bidder.		

OEM/BIDDER ELIGIBILITY CRITERIA:

1. OEM should be ISO 9001:2015 and ISO 14001:2015, Documentary proof need to submit.
2. OEM should be a Company registered in India under the Indian Companies Act. Documentary proofneed to submit
3. Offer Products should be RoHS compliant.
4. Offer products factory test report need to be submit.
5. Bid specific OEM Authorization need to submit for Passive and active components
6. Technical compliance must be submitted from bidder/OEM letterhead.
7. Bidder should be ISO 9001:2015 certified for enterprise data & voice communication over wire & wireless technology & IP Telephony.