

र.टा.म.रा.को.वि./मुंबई/Firewall/२०२६-२७/३२९

दिनांक : १२.०६.२०२६

दरपत्रक सूचना

विषय : रतन टाटा महाराष्ट्र राज्य कौशल्य विद्यापीठाच्या खारघर, नवी मुंबई येथील Data Center साठी Firewall Setup उपलब्ध करून घेणेबाबत.

रतन टाटा महाराष्ट्र राज्य कौशल्य विद्यापीठ, मुंबई यांचे कार्यालय एल्फिन्स्टन महाविद्यालय येथे कार्यरत असून विद्यापीठाच्या खारघर, नवी मुंबई येथील Data Center साठी Firewall Setup उपलब्ध करून घेणे प्रस्तावित आहे.

सदर कामासाठी मा. कुलसचिव, रतन टाटा महाराष्ट्र राज्य कौशल्य विद्यापीठ, मुंबई यांच्या नावे पात्र संस्था/पुरवठादार/कंत्राटदार यांच्याकडून सीलबंद दरपत्रके मागविण्यात येत आहेत.

इच्छुक संस्था/कंत्राटदारांनी आपली दरपत्रके दिनांक १९/०६/२०२६ रोजी दुपारी ३.०० वाजेपर्यंत विद्यापीठ कार्यालयात पोहोचतील अशा पद्धतीने सादर करावीत. विहित मुदतीनंतर प्राप्त झालेली दरपत्रके स्वीकारण्यात येणार नाहीत.

सोबत जोडलेल्या Annexure मध्ये नमूद केलेल्या तपशीलानुसार दर नमूद करावेत. दरामध्ये सर्व कर, वाहतूक खर्च, स्थापना (Installation), संरचना (Configuration), चाचणी (Testing) तसेच इतर संबंधित खर्चाचा समावेश असावा अथवा त्याबाबत स्पष्ट उल्लेख करण्यात यावा.

सीलबंद पाकिटावर कामाचे नाव व दरपत्रक सादर करण्याची अंतिम दिनांक स्पष्टपणे नमूद करावी.

प्राप्त झालेल्या कोणत्याही अथवा सर्व दरपत्रके नाकारण्याचा अधिकार विद्यापीठास राहिल व त्यासाठी कोणतेही कारण देणे बंधनकारक राहणार नाही.

प्राप्त पात्र दरपत्रकांपैकी सर्वात कमी दर देणाऱ्या पात्र संस्था/कंत्राटदारास काम देण्यात येईल. सदर कामाबाबत अंतिम निर्णय घेण्याचे सर्व अधिकार मा. कुलसचिव, रतन टाटा महाराष्ट्र राज्य कौशल्य विद्यापीठ, मुंबई यांनी राखून ठेवले आहेत.





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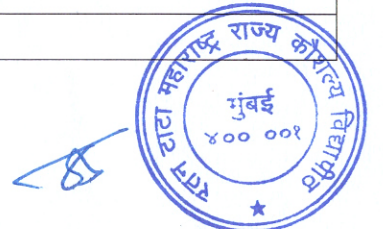
Annexure I - Technical Specification

Data Center & Kharghar Campus Detailed Specification and quoted rate

Sr. No.	Name of Work	Qty.	Units	Total amount inclusive of all taxes.
1.	Firewall Datacenter (As per specification mentione in Annexure II)	1	Nos	
Total				

**SPECIFICATION:**

Sr. No	Technical Specifications:
1	Must have minimum 16x 1GE RJ45, 8x 1GE SFP slots & 4x 10GE SFP+ slots ports from day 1. Ports mentioned above should be available on single appliance, external device or clustering of multiple devices are not allowed.
2	Proposed firewall should have min 25 Gbps of Firewall throughput
3	The threat prevention (FW + application control + IPS + Malware Protection) throughput should be at least 2.5 Gbps for real world/enterprise mix traffic from day 1.Throughput should be available on single appliance, external device or clustering of multiple devices are not allowed.
4	Proposed solution must have IPS, Advanced Malware Protection, Application Control, URL, DNS Filtering, anti-spam from day 1
5	Proposed appliance must have inbuilt minimum 480GB SSD Storage from day 1.
6	Proposed appliance should support latency not more than 3.5 $\mu$ s. Bidder should submit publicly available download should be available for the same
7	The proposed appliance should support IPSec throughput of 30Gbps from day 1.Throughput should be available on single appliance, external device or clustering of multiple devices are not allowed.
8	The proposed appliance should support SSL Inspection throughput of min 3Gbps from day 1.Throughput should be available on single appliance, external device or clustering of multiple devices are not allowed.
9	The proposed appliance should support Concurrent sessions of 3 million or above and new sessions / Sec of 140,000 or above from day 1.Parameter mentioned should be available on single appliance, external device or clustering of multiple devices are not allowed.
10	Should have at least 10 virtual firewall domains /instants/context from day-1 with each firewall domains/instances having a separate administrative control or equivalent, Security zones and VLAN.
11	The proposed firewall should support min 2,000 IPSec tunnel.



12	The solution shall support two factor authentication for admin users and should provide two 2FA tokens from day 1.
13	Should be able to identify attacks based on Geo-location and define policy to block on the basis of Geo-location
14	The proposed OEM firewall solution should have capability to integrate with firewall analyzer tools like Tufin, Algosec etc. whenever required in future without any cost implications.
15	Proposed firewall should have SD WAN functionality from day 1 and should allow the use the most preferred link based upon Link characteristics (Latency, Jitter, Packet loss) for critical applications as defined in policy. Any license needed to have SD WAN features should be consider from day 1
16	Solution should support traffic flow/packet forwarding on WAN links based on SLA.
17	Solution should allow automatic/dynamic encrypted tunnels creation (without any manual configuring) between branch devices to enable branch to branch communication.
18	Solution should support Dual WAN Links of different type like MPLS, ILL, broadband in active-active mode, so that multiple links (minimum 3 links) bandwidth can be utilized simultaneously from day 1.
19	Solution, the policy should include the traffic steering based on the WAN link type (MPLS, Internet, or any of the type of WAN link) available at the branch location.
20	Solution should support FEC (Forward Error Correction). The Error Correction packet size should automatically & progressively increase with increase in packet loss. It should be selectively applied to a particular traffic
21	The proposed product or product family or operating system should be IPv6 logo/USGv6 certified. Bidders need to provide Publicly available Website Link for the same
22	The proposed product or product family or operating system should be EAL 4 or higher or NDPP certified.
23	The proposed product or product family or operating system should be FIPS 140-2 or higher certified.
24	The proposed firewall OEM should be ISO 9001, ISO 14001 and ISO 27001 certified. Bidders need to provide Publicly available Website Link/document along with the technical bid.
25	Bidder to provide Manufacturing Authorization Letter (MAF) of proposed Firewall solution
26	The proposed firewall OEM should be present in Leader magic quadrant of Hybrid Mesh Firewall in latest Gartner Report of year 2025. Bidders need to provide Publicly available Website Link/document along with the technical bid



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