



**OFFICE OF THE DEAN**

**GOVERNMENT MEDICAL COLLEGE RATLAM**

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DONATE ORGAN – SAVE LIFE

अंगदान करे – जीवन बचाएँ

Dsp.No. 22/13.../GMC/Purchase/2022

RATLAM, Date :- 21/12.../2022

**//CORRIGENDUM//**

**SUPPLY , SETUP & INSTALLATION OF HARDWARE , NETWORKING & MANPOWER For HMIS  
Tender Reference No.1402/GMC/RTM/PUR/2022 Tender ID -2022-DME-182998-1**

After the Pre bid meeting below are the Pre bid response and the Terms & Conditions and specifications of Tender Reference No.1402/GMC/RTM/PUR/2022 Tender ID -2022-DME-182998-1 amended as follows :

S.No.	Page No	Clause	Existing Text	Amended Text
1.	8	Clause 5.2.1 Essential Qualifying Conditions.	The Agency should have experience of installation of IT hardware / networking infrastructure in at least one hospital with minimum 100 beds "or" The agency should have experience of supply of LAPTOP , DESKTOP ,IT HARDWARE , Bidder should upload work orders of these items supplied with in three years (2018-19 , 2019-20 , 2020-21) not less than one crore out of which Bidder should have executed / implemented /supplied IT Hardware of single order of value not less than 50 Lacs as per <b>Annexure - III</b> . Completion Certificate from the concerned competent Authority should be provided.	The Agency should have experience of installation of IT hardware / networking infrastructure in at least one hospital with minimum 100 beds "or" The agency should have experience of supply of LAPTOP , DESKTOP ,IT HARDWARE , Bidder should upload work orders of these items supplied not less than one crore out of which Bidder should have executed / implemented /supplied IT Hardware of single order of value not less than 50 Lacs to any government department / PSU. Completion Certificate from the concerned competent Authority should be provided.
2.	20	Clause No. 4 of Eligibility Criteria/Checklist of Documents for Tender	Documentary proof of installation in multi-specialty hospital (at least one) with minimum 100 beds as per <b>Annexure - III</b>	Documentary proof of installation in multi-specialty hospital (at least one) with minimum 100 beds or single order with Completion certificate of

  
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				value not less than 50 Laacs of IT Hardware supplied to any Government Department / PSU.
3.	36	Point No 5	1-port faceplate, 86MM x 86MM, UL Listed 86MM x 86MM, face plate for holding 1 No UTP I/O with label holders for identification. Color- white. UL listed	1-port faceplate, 86MM x86MM face plate for holding 1 No UTP I/O with label holders for identification. Color- white.
4.	37	Point No 14	12U wall mount rack with front glass door and lock, DOUBLE SECTION, 500 MM depth with 2 Nos Fan and 1 No 6 sockets Multipurpose with ON/ OFF switch and LED indicator, ISI marked and necessary mounting Hardware to mount 19" equipment. Make: APW / Panduit / VALRACK or equivalent	12U wall mount rack with front glass door and lock, DOUBLE SECTION, 500 MM depth with 2 Nos Fan and 1 No 6 sockets Multipurpose with ON/ OFF switch and necessary mounting Hardware to mount 19" equipment. Make: APW / Panduit / VALRACK or equivalent
5.	37	Point No 15	42U rack height, 2 post open rack with accessories to mount on the floor level.19" EIA rack, Aluminum, Dimension: 2010mm x600mm x 1000 mm. Color-Black, UL listed. 42U vertical Cable manager with PVC cover. PVC 1U vertical cable manager with PVC cover, color- Black, UL listed. 1U Horizontal cable manager, PVC 1U horizontal cable manager with PVC cover, color-Black. Make: President / Molex/ Val rack or equivalent	42U rack height, 2 post open rack with accessories to mount on the floor level.19" EIA rack, Aluminum, Dimension: 2010mm x600mm x 1000 mm. Color-Black., 1U Horizontal cable manager, PVC 1U horizontal cable manager with PVC cover, color-Black. Make: President / Molex/ Val rack or equivalent
6.	42	point 15	UL/MET, FCC, EPEAT, ENERGY STAR, CE	BEE/ ENERGY STAR, CE , ROHS
7.	42	Point 13	Windows 10 Professional 64 Bit – Preloaded Confirmation from OEM on Letter head at the time of bid submission and confirmation on delivery later.	Windows 10 Professional 64 Bit – Preloaded licensed version.
8.	43	Point 20 , 20.1- 0.6 KVA UPS specifications	Make: APC, Eaton, delta	Make: APC, Eaton, delta or Equivalent.
9..	45	Point 17- UPS 10 KVA specifications	a) Output power 10 KVA. b) Back up test by	a) Output power 10 KVA.

			<p>switching of mains supply (2 hours) on full load</p> <p>c) Should have automatic bypass mechanism</p> <p>d) True online double conversion.</p> <p>e) Battery should be sealed maintenance free (SMF).</p> <p>f) Recharge time up to 100% in less than 3 hours.</p> <p>g) 5 years onsite free replace or repair warranty with factory authorized startup.</p> <p>h) Waveform Type - Sine wave</p> <p>Make: APC, Eaton, Delta</p>	<p>b) Back up test by switching of mains supply (2 hours) on full load</p> <p>c) Should have automatic bypass mechanism</p> <p>d) True online double conversion.</p> <p>e) Battery should be sealed maintenance free (SMF).</p> <p>f) Recharge time up to 100% in less than 3 hours.</p> <p>g) 5 years onsite free replace or repair warranty on UPS and 2 year on Battery.</p> <p>h) Waveform Type - Sine wave</p> <p>Make: APC, Eaton, Delta or equivalent</p>
10.	48	A. General Spec. : Point No. 33 B.	Proposed Appliance should support SD WAN features without adding any additional components or hardware.	Proposed Appliance should support SD WAN features without adding any additional components or hardware. Solution Should deliver SD-WAN capabilities like link performance metrics.
11.	44	Point No 12 - Configuration & Management	Management of multiple Servers from single console with single source of truth for multiple sites. Automated infrastructure management for patch upgrades, version upgrades. Simplified management with analytics driven actionable intelligence. ,System tagging giving admin flexibility to provide metadata tags to each System to enable users to filter and sort systems based on user-assigned attributes, Hardware	Management of multiple Servers from single console.. Automated infrastructure management for patch upgrades, version upgrades. Hardware Profile based deployment to multiple Servers simultaneously, Policy template for deployment of single policy to multiple Servers simultaneously, Platform inventory and health

			<p>Profile based deployment to multiple Servers simultaneously, Policy template for deployment of single policy to multiple Servers simultaneously, Platform inventory and health status, Server utilization statistics collection (including firmware updates and diagnostic tools), Should provide an alert in case the system is not part of OEM hardware compatibility test, Solution should be open and programmable providing Rest API, SDK for programming languages like Python , power shell scripts etc., Should have customizable dashboard to show overall faults/health/inventory for all managed infrastructure the solution should provide option to create unique dashboards for individual users the user should be flexibility to select name for dashboards and widgets (viz. health, utilization etc.), Real-time out-of-band hardware performance monitoring and alerting.</p>	<p>status, Server utilization statistics collection (including firmware updates and diagnostic tools), Should provide an alert in case the system is not part of OEM hardware compatibility test, Solution should be open and programmable providing Rest API, SDK for programming languages like Python , power shell scripts etc., Should have dashboard to show overall faults/health/inventory for all managed infrastructure, Real-time out-of-band hardware performance monitoring and alerting.</p>
11	45	Point No 13 - Server Security	<p>Secure Boot (Firmware and Bios Level Security), Provision to lock the system on breach, Hardware root of trust/Dual Root of Trust, Server should provide policy-based security, Server should provide server intrusion detection, "Malicious Code Free design" (to be certified by OEM)</p> <p>Endpoint Agent should support OS like Windows, mac OS, Linux and should have signature based and signature-less capabilities to block known and unknown malware, Ransomware prevention, Exploit</p>	<p>Secure Boot (Firmware and Bios Level Security), Hardware root of trust/Dual Root of Trust, Server should provide policy-based security, "Malicious Code Free design" (to be certified by OEM)</p> <p>Endpoint Agent should support OS like Windows, mac OS, Linux</p>

			Prevention & Root Cause Analysis. It should also support Endpoint detection and response including threat searches, threat intelligence, on-demand isolation, clean and block, and malware analysis, Solution should be a single agent for foundation endpoint security techniques with Deep Learning malware analysis, Anti-Ransomware, Anti Exploits & Endpoint Detection & Response. Solution should NSS Labs recommended, Gartner leader as per latest report, AV test certified and should be managed through a single on prime/cloud managed console	
12.	45	Point No 13- Server Security	Provision for Cryptographic firmware updates, Capability to stop execution of Application/Hypervisor/ Operating System on predefined security breach, Secure /Automatic BIOS recovery, Network Card secure firmware boot, in case of any security breach system should provide the lock down feature	Provision for Cryptographic firmware updates, Capability to stop execution of Application/Hypervisor/ Operating System on predefined security breach, Secure /Automatic BIOS recovery, Network Card secure firmware boot.
13.	8	Point No 5.2.4 Technical	Bidder must be a registered legal entity having its registered office in India.	Bidder must be a registered legal entity having atleast one registered office in Madhya Pradesh.

  
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Pre Bid response:

Bidding Document Page No.	Bidding Document Reference (Section/Clause No.)	Existing Content	Change Request	Replies
Page No. 49	Technical Spec. for UTM (Firewall), Licencing And Certifications point no.2	The OEM should have "recommended rating" by NSS /ICSA Labs as per latest.	<b>We would request to change the clause to :</b> The OEM should have "recommended rating" by NSS Lab as per latest report and ICSA Labs as per latest. The Firewall Operating System shall be tested and certified for EAL 4 / NDPP/FIPS 140-2 or above under Common Criteria Program for security related functions or under Indian Common Criteria Certification Scheme (IC3S) by STQC, DEITY, Govt. of India. (Test report/certificate should submitted). Firewall OEM should presences in Gartner Magic Quadrant for Network Firewall as per latest report. These certifications validate the product capabilities and ensure the product quality.	Product capabilities and quality are well evaluated by mentioned lab certifications like NSS/ICSA. Clause remains unchanged.
Page No. 48	C. Firewall performance requirement: point no.4	The Firewall should support at least 8 million concurrent sessions and at least 1,45,000 new sessions per second.	We woul request to change the clause to: The Firewall should support at least 5 million concurrent sessions and at least 1,25,000 new sessions per second. as per other parameters e.g. firewall, IPS throughput are balanced. due to these parameters degrade the hardware performance and Increase the cost. Kindly balanced all parameters and do the required changes.	Based on traffic/bandwidth calculation of the required interfaces and relative sessions calculation, technical specifications mentioned are as per requirement of the project. Clause remains unchanged.
Page No. 48	B. Hardware And Interface Requirements: Point no. 3	The proposed solution should have minimum 1000 GB SSD type storage.	The proposed solution should include minimum 1000 GB storage for Reporting on-prime/cloud. If on-prime should not the	On appliance storage is required. In case of internet disconnection, local logs and

  
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			same hardware. Same hardware for reporting never recommend and it's single point of failure, decrease firewall performance and increase the hardware failure chances.	reports should get generated and stored on the same appliance which is not possible in cloud deployment. Clause remains unchanged.
Page No. 48	B. Hardware And Interface Requirements: Point no. 1	The product should have minimum of 8 x 1-GbE & 2 x SFP +(10G fiber port) interfaces.	The product should have minimum of 8 x 1-GbE, 2 x SFP (1G fiber port) & 2 x SFP +(10G fiber port) interfaces. It's required for direct connectivity with core switch.	Core switch connectivity can be achieved using existing port requirement. Clause remains unchanged.
Page No. 48	B. Hardware And Interface Requirements: Point no. 8	Appliance should have redundant power supply	Appliance should have Internal power supply. Internal Power supply always SMPS based power supply and decrease the power failure cases.	Any type of power redundancy is acceptable as it serves the purpose. Clause remains unchanged.
Page No. 49	Technical Spec. for UTM (Firewall), Licencing And Certifications point no.3	The Solution should include 2 Factor authentication (Software/Hardware) for minimum 300 Users from day one. (Solution maybe in-built or separate integrated solution). For provide secure way to serve the services to Internal OR External Users.	The Solution should include 2 Factor authentication (Software/Hardware) for minimum 300 Users from day one. (Solution maybe in-built or separate integrated solution). For provide secure way to serve the services to Internal OR External Users. 2FA support for Internal Users, VPN Users and admin users. 2FA always recommended for internal Users, VPN Users and admin users for secure access.	2FA specification is well interpreted in the RFP as per the requirement. Clause remains unchanged.
Page No. 48	A. General Spec. : Point no. 34	The proposed solution should be network appliance based DLP and should not require to install any software on individual machines for DLP. The solution should differentiate between corporate login and personal login to Social Networking, Web Based Mails site like e.g. Facebook, Gmail.	The proposed solution should be network appliance based DLP and should not require to install any software on individual machines for DLP. The solution should differentiate between corporate login and personal login to Web Based Mails site like e.g. Gmail, Social networking site never use for corporate or official use. Kindly remove.	Social networking like Facebook is required for current and future use. Hence relative security features are required. Clause remains unchanged.

Proposed Appliance should support SD WAN features without adding any additional components or hardware.

Proposed Appliance should support SD WAN features without adding any additional components or hardware. Solution should deliver SD-WAN capabilities like link performance metrics including latency, jitter, and packet loss; re-routing of traffic based on WAN link performance; application routing over preferred ISP links; logging and monitoring for SD-WAN. Detailed feature of SD WAN capabilities.

**Clause updated -**  
"Proposed Appliance should support SD WAN features without adding any additional components or hardware. Solution should deliver SD-WAN capabilities like link performance metrics"

### Revised Format for Annexure-III

### ANNEXURE – III: SELF CERTIFIED EXPERIENCE

S. no	Order No.	Year	Location	Hospital facility / Govt. Dept Name	Amount

*(33)*

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