

Bid Document

Bid Details	
Bid End Date/Time	24-07-2020 19:00:00
Bid Opening Date/Time	24-07-2020 19:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Tamil Nadu
Department Name	Health And Family Welfare Department Tamil Nadu
Organisation Name	N/a
Office Name	D
Total Quantity	1
Item Category	Firewall - NGFW (PAC Only)
Experience Criteria	3 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,OEM Authorization Certificate *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM

{themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of years as indicated in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

Firewall - NGFW (1 pieces) (Under PAC)

Make	fortinet
Model	fg101e

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Specification	Type	Firewall	Firewall, NGFW Or higher
	Form Factor (RU)	1	1
	Features	Layer 3 - Layer 4	Layer 3 - Layer 4
	Traffic handled	TCP,UDP,HTTP/TCP,TCP /UDP	*
	Packet Size (KB)	64	*
	Throughput with all features enabled(Under Test Condition) (Mbps)	7000	4750, 5000, 6000, 7000, 8500, 9000, 10000, 11000, 12000, 13000, 15000, 19000, 20000, 22000, 25000, 26000, 27000, 29000, 30000, 32000, 34000, 35000, 39000, 40000, 42000, 43000, 44000, 45000, 48000, 50000, 52000, 54000, 55000, 60000, 64000, 69000, 70000, 75000, 80000, 95000, 120000, 130000, 132000, 148000, 153000, 168000, 234000, 260000, 285000, 570000, 1200000 Or higher
	Throughput (Real World/Prod Performance)(Under	7000	4600, 4700, 4750, 5000, 6000, 7000, 8500, 9000, 9216,

Test Condition) (Mbps)		10000, 11000, 12000, 13000, 15000, 19000, 20000, 21000, 22000, 23000, 25000, 26000, 27000, 29000, 30000, 32000, 33500, 34000, 35000, 39000, 40000, 42000, 43000, 45000, 48000, 50000, 53000, 54000, 55000, 60000, 64000, 65000, 69000, 70000, 75000, 120000, 130000, 132000, 135000, 148000, 153000, 168000, 234000, 260000, 320000 Or higher
Concurrent Session/Concurrent Connection	2M	2M, 3M, 4M, 5M, 8M, 9M, 10M, 15M, 20M, 25M, 30M, 32M, 35M, 39.5M, 40M, 55M, 60M, 63M, 64M Or higher
New session/Connection per second	27K	24K, 27K, 40K, 50K, 57K, 64K, 68K, 75K, 84K, 118K, 120K, 130K, 150K, 160K, 172K, 175K, 185K, 200K, 250K, 263K, 265K, 284K, 295K, 300K, 350K, 380K, 390K, 450K, 490K, 500K, 800K, 848K, 850K, 900K, 1.1M, 1.75M, 3.5M, 7.5M, 225K, 425K Or higher
Type of Interface Supported Multiselect	GE Copper	*
Number of GE Copper interface	16	*
Number of 10G SFP+ interface	0	*
Number of QSFP+ 40 G interface	0	*
Number of GE Small Form-Factor Pluggable (SFP) interface	2	*
Number of QSFP28 100 G interface	0	*
Number of col /WAN Ports	4	*
Number of Ipsec VPN Peers supported (Site	2000	*

to Site)		
Number of Ipsec VPN Peers supported (Client to Site)	10000	*
Number of SSL VPN Peers supported (Client to Site)	500	*
Type of Storage Disk	SSD	*
Storage Capacity (GB)	400	*
Power Supplies	Single	*
Hot Swappable Power Supply	No	*
Redundant Fan	No	*
Hot Swappable (Redundant Fan)	No	*
Type of Processor	ASIC	*
High Availability Support	Yes	*
If Yes, High Availability from day 1	NA	active-active, active-passive, NA Or higher
Interface Expansion slots supported	0	*
Firewall Policies - License	Yes	*
Details of the Firewall Policies for the Firewall provided with the License	Web Security Essentials / URL Filtering,IPS License,Application Visibility License,APT (Advance Persistent Threat) License (Anti Malware Protection , C& C attacks, Geo IP Protection, Zero Day Threat Protection),Gateway Anti virus,Gateway Anti spam	*
NGIPS Signature supported	10000	*
Security Intelligence	IP,Domain	*
Certification	Common Criteria /NDPP/NSS/ICSALabs	*
Minimum Operating Temperature (Degree C)	0	*
Maximum Operating	40	*

	Temperature (Degree C)		
	Minimum Operating Humidity (%RH)	10	*
	Maximum Operating Humidity (%RH)	75	*
	IPv6 Ready from day 1	Yes	*
	On Site OEM Warranty (Year)	3	3, 5 Or higher

* Specifications highlighted in bold are the Golden Parameters.

* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement (allowed Values) by the Buyer.

Additional Specification Documents

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	T Shankar	600006,359, Anna Salai, DMS Campus, Teynampet, Chennai	1	45

Bid Specific Additional Terms and Conditions

1. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
2. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
3. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
4. ISO 9001: The bidder must have ISO 9001 certification.

[This Bid is also governed by the General Terms and Conditions](#)

---Thank You---