

### Bid Document

Bid Details	
Bid End Date/Time	22-08-2020 18:00:00
Bid Opening Date/Time	22-08-2020 18:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Science And Technology
Department Name	Department Of Science And Technology (dst)
Organisation Name	Indian Institute Of Astrophysics (iia)
Office Name	Bengaluru
Total Quantity	1
Item Category	Firewall - NGFW
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Certificate (Requested in ATC),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.

### Firewall - NGFW ( 1 pieces )

#### Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)

Specification

Type	NGFW	NGFW Or higher
<b>Form Factor (RU)</b>	1	1
<b>Features</b>	Layer 3 - Layer 4,NAT,VPN,Application Visibility and Control (AVC),User Identity,Next Generation Intrusion Prevention System (IPS),Web Security Essentials / URL Filtering	Layer 3 - Layer 4, NAT, VPN, Application Visibility and Control (AVC), User Identity, Next Generation Intrusion Prevention System (IPS), Web Security Essentials / URL Filtering
Traffic handled	TCP,UDP,HTTP/TCP,TCP/UDP	*
Packet Size (KB)	1024	*
<b>Throughput with all features enabled(Under Test Condition) (Mbps)</b>	250	100, 125, 200, 250, 300, 450, 650, 800, 850, 900, 1000, 1100, 1500, 1750, 1800, 2000, 2200, 2300, 3000, 3500, 4000, 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
<b>Throughput (Real World/Prod Performance)(Under Test Condition) (Mbps)</b>	1500	1000, 1100, 1500, 1700, 1750, 1800, 2000, 2200, 2300, 2600, 3000, 4600, 4700, 4750, 5000, 6000, 7000, 8500, 9000, 9216, 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
<b>Concurrent Session/Concurrent Connection</b>	5M	4M, 5M, 8M, 9M, 10M, 15M, 20M, 25M, 30M, 32M, 35M, 39.5M, 40M, 55M, 60M, 63M, 64M Or higher
<b>New session/Connection per second</b>	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	8	*
Number of 10G SFP+ interface	0	*
Number of QSFP+ 40 G interface	0	*
Number of GE Small Form-Factor Pluggable (SFP) interface	0	*
Number of QSFP28 100 G interface	0	*
Number of col /WAN Ports	4	*
Number of Ipsec VPN Peers supported (Site to Site)	750	*
Number of Ipsec VPN Peers supported (Client to Site)	750	*
Number of SSL VPN Peers supported (Client to Site)	270	*
Type of Storage Disk	SSD	*
Storage Capacity (GB)	50	*
Power Supplies	Single	*
Hot Swappable Power Supply	No	*
Redundant Fan	No	*
Hot Swappable (Redundant Fan)	No	*
Type of Processor	x86	*
High Availability Support	Yes	*
<b>If Yes, High Availability from day 1</b>	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	
NGIPS Signature supported	5000	*
Security Intelligence	IP,URL,Domain	*
Certification	Common Criteria /NDPP/NSS	*
Minimum Operating Temperature (Degree C)	0	*
Maximum Operating Temperature (Degree C)	40	*
Minimum Operating Humidity (%RH)	10	*
Maximum Operating Humidity (%RH)	75	*
IPv6 Ready from day 1	Yes	*
<b>On Site OEM Warranty (Year)</b>	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	Ebenezer Chellasamy	624103,Kodaikanal Solar Observatory Indian Institute of Astrophysics For recipet and acceptance : contact Mr. Vivek C : 9440259855	1	30

#### Bid Specific Additional Terms and Conditions

1.Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

2.Buyback for Non PFMS/Non GPA:

1. GST will apply on the value of buyback and separate invoice is to be prepared by Government buyer/Consignee for buyback items offline outside the GeM system. Vendor should work out input credit for that GST applicable on the buy back while quoting the product/services.

2. Input GST Credit consideration by seller- seller shall offer the prices in the bid by the total amount of new goods including GST- total amount of old goods quoted by the firm excluding GST. This is because GST charged by buyer on buy-back value will be available for full ITC (input tax credit) on the hands of bidder. Therefore, for the purpose of quoting in the bid and evaluation, value as quoted by the bidder (excluding any GST on buy back) as indicated in column G below will be considered.

Illustrative examples for bidders are as under for understanding of the seller.

Excel sheet for explanation to Buyback ATC							
S.no	Cost of Fresh Good (A)	%age of GST on Fresh Good as considered by seller at the time of quote (B).	GST Amount on Fresh Good (C)	Cost of Buyback item (D)	%age of GST on Buyback items (E) as fixed by buyer in the bid	GST Amount on Buyback item (F) as applicable at the time of invoice by buyer	Quote of the Bidder ( G={A+C-D})
1	100	28	28	20	8	1.6	108
2	100	9	9	20	8	1.6	89
3	110	10	11	24	8	1.92	97

Seller after the award of the GeM contract, will indicate all column A to G which will not alter their quoted price

indicated in Colum-G

3. Successful lowest bidder has to provide detailed cost break up of tendered items as well as buy back items separately after award of contract through email to the government buyer/consignee.
  4. The seller of new item /service provider shall deposit the cost of invoiced buy back item with GST to the buyer for allowing seller to lift up the material from the buyer/consignee premise.
  5. Transportation of buy back items from buyer premises shall be arranged by the seller itself without any extra cost.
  6. Government Buyer organisation /consignee will issue invoice of buy back items to the seller at the cost of buyback to be indicated to the buyer by the seller offline after receipt of order. This in no case will modify the bid in any manner.
  7. The seller will be entirely responsible for the safe disposal of old items without affecting the environment in any manner as per prevailing statutory rules and Act/ law of the land.
  8. The seller may visit the site and inspect the condition of buy back item in advance before quoting for the bid.
  9. Receipt of payment by the buyer for Old items and invoicing by buyer will be out of GeM portal.
  10. Government Buyer will upload the details of old goods along with the bid in the corrigendum with minimum price.
  11. If the minimum price (Optional) is indicated and sellers of new item who are not agreeing to take back the old item at equal to or above that minimum price should not participate in the bid.
  12. In case they participate into the bid and afterwards indicates the price of old goods, less than the minimum price shown by Government Buyer in corrigendum, EMD of the bidder will be forfeited.
  13. Item Details Consignee wise will be indicated in the corrigendum like -
    1. Consignee wise
    2. Item Description
    3. Serial Number
    4. Model
    5. Brand
    6. Year of manufacturing
    7. Purchased on
    8. Age
    9. Size, Rating, Designation
    10. Quantity
    11. Min price (Optional)
    12. Unit
    13. Working Guidelines (/Functional/Non-Functional)
    14. Remarks
  14. The successful bidder shall remove the old goods from the premise of the Government buyer/consignee at the time of the supply, installation and commisioning of fresh goods. Seller will be entitled for payment only after removal of old goods from Government buyer/consignee/user's premise and after supplying the fresh goods in terms of contract.
  15. Note: This clause of ATC shall be operated by non PFMS; non GPA buyer i.e. all PSU working through their ERP and not integrated with GPA.
3. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
4. The buyer organization is an institution eligible for concessional rates of GST as notified by the Government of India. The goods for which bids have been invited fall under classification of GST concession and the conditions for eligibility of concession are met by the institution. A certificate to this effect will be issued by Buyer to the Seller after award of the Contract. Sellers are requested to submit their bids after accounting for the Concessional rate of GST.
- Applicable Concessional rate of GST : 5%
- Notification No. and date : 47/2017 dated 14/11/2017

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

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

**---Thank You---**