

Bid Document

| Bid Details | |
|--|--|
| Bid End Date/Time | 15-07-2020 15:00:00 |
| Bid Opening Date/Time | 2020-07-15 15:30:00 |
| Bid Life Cycle (From Publish Date) | 90 (Days) |
| Bid Offer Validity (From End Date) | 75 (Days) |
| Ministry/State Name | Ministry Of Electronics And Information Technology |
| Department Name | Na |
| Organisation Name | Centre For Development Of Advanced Computing (c-dac) |
| Office Name | Thiruvananthapuram |
| Total Quantity | 1 |
| Item Category | Firewall - NGFW (PAC Only) |
| Bidder Turnover (Last 3 Years) | 35 Lakh (s) |
| OEM Average Turnover (Last 3 Years) | 290 Lakh (s) |
| Experience Criteria | 3 Year (s) |
| MSE Exemption for Years of Experience and Turnover | No |
| Startup Exemption for Years Of Experience and Turnover | Yes |
| Document required from seller | Experience Criteria,Past Performance,Bidder Turnover,OEM Authorization Certificate,OEM Annual Turnover *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 |
| Past Performance | 80 % |
| Bid to RA enabled | No |
| Inspection Required | No |

EMD Detail

| | |
|-------------------|---------------------|
| Advisory Bank | State Bank of India |
| EMD Percentage(%) | 2.50 |
| EMD Amount | 186750 |

ePBG Detail

| | |
|-------------------------------------|---------------------|
| Advisory Bank | State Bank of India |
| ePBG Percentage(%) | 10.00 |
| Duration of ePBG required (Months). | 38 |

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

Joint Director(Finance)
Thiruvananthapuram, NA, Centre for Development of Advanced Computing (C-DAC), Ministry of Electronics and Information Technology
(Bhaskaran K)

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.
2. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
3. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 80% of bid quantity, in at least one of the last three years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one year) to be submitted along with bid in support of quantity supplied in the relevant year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Firewall - NGFW (1 pieces) (Under PAC)

| | |
|-------|----------------|
| Make | fortinet |
| Model | fortigate1500d |

Technical Specifications

[* As per GeM Category Specification](#)

| Specification | Specification Name | Values | Bid Requirement (Allowed Values) |
|---------------|--|---|---|
| Specification | Type | NGFW | NGFW Or higher |
| | Form Factor (RU) | 2 | 2 |
| | Features | Layer 3 - Layer 4,NAT,VPN,Application Visibility and Control (AVC),User Identity,Next Generation Intrusion Prevention System (IPS),Zero Day Protection / Advance Malware protection | Layer 3 - Layer 4, NAT, VPN, Application Visibility and Control (AVC), User Identity, Next Generation Intrusion Prevention System (IPS), Zero Day Protection / Advance Malware protection |
| | Traffic handled | TCP,UDP,HTTP/TCP,TCP /UDP | * |
| | Packet Size (KB) | 64 | * |
| | Throughput with all features enabled(Under Test Condition) (Mbps) | 5000 | 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 Test Condition) (Mbps) | 5000 | 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 |
| Concurrent Session/Concurrent Connection | 10M | 8M, 9M, 10M, 15M, 20M, 25M, 30M, 32M, 35M, 39.5M, 40M, 55M, 60M, 63M, 64M Or higher |
| New session/Connection per second | 300K | 300K, 350K, 380K, 390K, 450K, 490K, 500K, 800K, 848K, 850K, 900K, 1.1M, 1.75M, 3.5M, 7.5M, 425K Or higher |
| Type of Interface Supported Multiselect | 10G SFP+ | * |
| Number of GE Copper interface | 16 | * |
| Number of 10G SFP+ interface | 8 | * |
| Number of QSFP+ 40 G interface | 0 | * |
| Number of GE Small Form-Factor Pluggable (SFP) interface | 16 | * |
| Number of QSFP28 100 G interface | 0 | * |
| Number of col /WAN Ports | 8 | * |
| Number of Ipsec VPN Peers supported (Site to Site) | 20000 | * |
| Number of Ipsec VPN Peers supported (Client to Site) | 100000 | * |
| Number of SSL VPN Peers supported (Client to Site) | 10000 | * |

| | | |
|---|---|---|
| Type of Storage Disk | SSD | * |
| Storage Capacity (GB) | 400 | * |
| Power Supplies | Dual Dual | * |
| Hot Swappable Power Supply | Yes | * |
| Redundant Fan | Yes | * |
| Hot Swappable (Redundant Fan) | No | * |
| Type of Processor | x86 | * |
| 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,URL,Domain | * |
| Certification | Common Criteria /NDPP/NSS/ICSALabs | * |
| 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 | * |

| | | | |
|--|------------------------------------|---|----------------|
| | 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 | Rakesh Kumar Verma | 201303,Joint Director, Software Technology Parks of India (STPI), Ganga Software Technology Complex,Sector 29, Noida | 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. Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
3. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.
4. IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
5. 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.
6. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
7. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
8. Timely Servicing / rectification of defects during warranty period: After having been notified

of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 5 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.

9. Bidders can also submit the EMD with Account Payee Demand Draft in favour of Centre for Development of Advanced Computing payable at Thiruvananthapuram.

Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

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

---Thank You---