



Bid Number: GEM/2022/B/1945942
Dated: 11-02-2022

Bid Document

Bid Details	
Bid End Date/Time	04-03-2022 18:00:00
Bid Opening Date/Time	04-03-2022 18:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	65 (Days)
Ministry/State Name	Ministry Of Agriculture And Farmers Welfare
Department Name	Department Of Agricultural Research And Education (dare)
Organisation Name	Indian Council Of Agricultural Research (icar)
Office Name	National Dairy Research Institute Karnal / North
Total Quantity	1
Item Category	Firewall - NGFW (Q2)
Minimum Average Annual Turnover of the Bidder	9 Lakh (s)
OEM Average Turnover (Last 3 Years)	55 Lakh (s)
Years of Past Experience required	3 Year (s)
MSE Exemption for Years Of Experience and Turnover	Yes
Startup Exemption for Years Of Experience and Turnover	Yes
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Additional Doc 3 (Requested in ATC),Additional Doc 4 (Requested in ATC) *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	50 %
Bid to RA enabled	No
Time allowed for Technical Clarifications during technical evaluation	2 Days
Evaluation Method	Total value wise evaluation

EMD Detail

Required	No
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ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	3.00
Duration of ePBG required (Months).	38

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

Beneficiary:

The Director, ICAR-NDRI, Karnal

National Dairy Research Institute Karnal / North, Department of Agricultural Research and Education (DARE),
Indian Council of Agricultural Research (ICAR), Ministry of Agriculture and Farmers Welfare

(Dr. M.s. Chouhan)

Splitting

Bid splitting not applied.

MII Purchase Preference

MII Purchase Preference	Yes
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MSE Purchase Preference

MSE Purchase Preference	Yes
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1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria". If the bidder is OEM of the offered products, it would also be exempted from the "OEM Average Turnover" criteria. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria". If the bidder is OEM of the offered products, it would also be exempted from the "OEM Average Turnover" criteria. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
3. 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 above 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.
4. 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 Financial years as indicated above 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 Financial year. In case of unclassified bids, the category of primary product having highest value should meet this criterion.
5. 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

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account for this criteria.

6. Preference to Make In India products (For bids < 200 Crore): Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

7. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price and defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY.

8. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 50% of bid quantity, in at least one of the last three Financial 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 financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Pre Bid Detail(s)

Pre-Bid Date and Time	Pre-Bid Venue
21-02-2022 15:00:00	MEETING WILL BE HELD ON ZOOM PLATFORM. LINK WILL BE AVAILABLE ON https://ndri.res.in

Firewall - NGFW (1 pieces)

(Minimum 50% Local content required for qualifying as Class 1 Local Supplier)

Brand Type	Registered Brand
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Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	Type	NGFW Or higher
	Form Factor (RU)	1
	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, We Security Essentials / URL Filtering

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Specification	Specification Name	Bid Requirement (Allowed Values)
	Traffic handled	TCP, UDP, HTTP/TCP, TCP/UDP
	Packet Size (KB)	1024 Or higher
	Throughput with all features enabled(Under Test Condition) (Mbps)	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)	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	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	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
	Num er of GE Copper interface	8, 12, 16, 20, 40 Or higher
	Num er of 10G SFP+ interface	2, 4, 6, 8, 10, 12, 16, 24, 48 Or higher
	Type of Storage Disk	HDD, SSD Or higher
	Storage Capacity (GB)	240, 400, 800, 1000, 2000 Or higher
	Power Supplies	Dual Dual Or higher
	Hot Swappa le Power Supply	Yes, No Or higher
	If Yes, High Availability from day 1	active-active, active-passive, NA Or higher
	Firewall Policies - License	Yes Or higher
	Details of the Firewall Policies for the Firewall provided with the License	We Security Essentials / URL Filtering, IPS License, Application Visi ility License, APT (Advance Persistant Threat) License (Anti Malware Protection , C& C attacks, Geo IP Protection, Zero Day Threat Protection), Gateway Anti virus, Gateway Anti spam
	NGIPS Signature supported	5000, 10000, 15000, 20000, 25000, 30000, 35000, 40000 Or higher
	Security Intelligence	IP, URL, Domain
	Certification	Common Criteria /NDPP/NSS/ICSALa s
	On Site OEM Warranty (Year)	3, 5 Or higher

Additional Specification Parameters - Firewall - NGFW (1 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
hot swappable power supply	No, In standard parameters it is reflected as Yes, No or higher, but it must be NO
No. of 1G Ethernet	8
Firewall Capacity	At least 2000 user license
Certification (MANDATORY)	Indian Common Criteria certification scheme by STQC, DEIT, GOVT. OF INDIA/NDPP/ICSA LABS

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Sushash Chander Dhiman	132001, ICAR - NATIONAL DAIRY RESEARCH INSTITUTE, KARNAL ; HARYANA 132001	1	15

Buyer added Bid Specific Additional Scope of Work

S.No.	Document Title	Description	Applicable i.r.o. Items
1	GENERIC TECHNICAL SPECIFICATIONS View	GENERIC TECHNICAL SPECIFICATIONS	Firewall - NGFW(1)

The uploaded document only contains Buyer specific Additional Scope of Work and / or Drawings for the bid items added with due approval of Buyer's competent authority. Buyer has certified that these additional scope and drawings are generalized and would not lead to any restrictive bidding.

Buyer Added Bid Specific Terms and Conditions**1. Generic**

Actual delivery (and Installation & Commissioning (if covered in scope of supply)) is to be done at following address Central Store ICAR- NDRI Karnal- 132001 (Haryana).

2. Certificates

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.

3. Generic

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

4. **Warranty**

Warranty period of the supplied products shall be 3 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

5. **Service & Support**

Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.

6. **Generic**

IT equipment shall be IPv6 ready from day one.

7. **Certificates**

ISO 9001: The bidder or the OEM of the offered products must have ISO 9001 certification.

8. **Generic**

Malicious Code Certificate:

The seller should upload following certificate in the bid:-

(a) This is to certify that the Hardware and the Software being offered, as part of the contract, does not contain Embedded Malicious code that would activate procedures to :-

- (i) Inhibit the desires and designed function of the equipment.
- (ii) Cause physical damage to the user or equipment during the exploitation.
- (iii) Tap information resident or transient in the equipment/network.

() The firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyright and Intellectual Property Right (IPRs) are caused due to activation of any such malicious code in embedded software.

9. **Generic**

Non return of Hard Disk: As per Buyer organization's Security Policy, Faulty Hard Disk of Servers/Desktop Computers/ Laptops etc. will not be returned back to the OEM/supplier against warranty replacement.

10. **Generic**

OPTIONAL SITE VISIT:

1. The Bidder is advised to visit and examine the installation site and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the Bid. The costs of visiting the site shall be borne by the Bidder. The cost of visiting site shall be borne by the bidder

2. The Bidder representative shall be allowed entry upon consignee premises for such visits, only upon the express conditions that the Bidder will release and indemnify the Buyer and Consignee against all liabilities arising out of such visit including death or injury, loss or damage to property, and any other loss, damage, costs, and expenses incurred as a result of such visit.

3. The Bidder shall not be entitled to hold any claim against Buyer for noncompliance due to lack of any kind of pre-requisite information as it is the sole responsibility of the Bidder to obtain all the necessary information with regard to site, surrounding, working conditions, weather etc. on its own before

submission of the bid.

11. **Purchase Preference (Centre)**

Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 25% of total value.

12. **Generic**

Upload Manufacturer authorization: Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.

13. **Generic**

Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:

- i) The Seller fails to comply with any material term of the Contract.
- ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
- iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
- iv) The Seller becomes bankrupt or goes into liquidation.
- v) The Seller makes a general assignment for the benefit of creditors.
- vi) A receiver is appointed for any substantial property owned by the Seller.
- vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.

14. **Generic**

The successful bidder has to supply all essential accessories required for the successful installation and commissioning of the goods supplied. Besides standard accessories as per normal industry practice, following accessories must be part of supply and cost should be included in bid price: INSTALLATION, COMMISSIONING, SUCCESSFUL INITIATION, MAINTENANCE AND WARRANTY.

15. **Certificates**

To be eligible for award of contract, Bidder / OEM must possess following Certificates / Test Reports on the date of bid opening (to be uploaded with bid): Indian Common Criteria certification scheme by STQC, DEIT, Govt. of India/NDPP/ICSA labels.

16. **Generic**

1. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of Buyer.
2. The Seller shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of Buyer.
3. The Seller shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to Buyer together with the assignee/sub-contractor, for and in respect of the due performance of the Contract and the Seller's obligations there under.

17. **Buyer Added Bid Specific ATC**

Buyer Added text used ATC clauses

The Technical Specifications for the Purchase of Next Generation Firewall

Sr.No.	Proposed Specifications	Requirement
	Type	Next Generation Firewall (NGFW)
2	Form Factor (RU)	1RU
3	Concurrent Session / Concurrent Connection (M: Million)	4M or higher
4	Newsession/Connection per second	250 K or higher
5	Throughput: Firewall With Intrusion Protection Services NGFW	 36 G ps or higher 10 G ps or higher 7 G ps or higher
6	Number of 1G Ethernet	8
7	Number of 10GSFP+ interface (The hardware of all these ports must be complete in all respect.)	2 or higher
8	Power Supply	Dual
9	Storage	240GB or higher
10	On Site OEM Warranty and subscription of Threat Prevention and Intrusion Protection Services, Anti-Spyware, Anti-Virus, Anti-Boat, Monitoring and Reporting etc.	3 Years

Other Terms and Conditions:

1. The bidder shall be fully responsible for installation, testing, commissioning and providing after sales services comprehensive support. An undertaking

from the manufacturer is required in this regard stating that the OEM would facilitate the bidder on a regular basis with technology/product updates and extended support for warranty as well.

21. The bidder must be a reputed manufacturer (OEM) or its authorized System Integrator of the type of products offered. In case of system integrator, a letter of authorization from OEM, specific to the tender should be enclosed. The bids received without the authorization letter from the OEM are liable to be rejected.
 32. The requisite Firewall OEM must have Certification **"Indian Common Criteria Certification Scheme by STQC, DEIT, Govt. of India//NDPP/ICSA Labs"**.
 43. The data(policies, user data) of existing firewall should be migrated to new NGFW by the bidder in the installation process without any additional cost.
 54. If any extra device is required for storage of logs data of users that will be provided by the bidder otherwise these modules should be available in firewall.
 65. 3 years on-site warranty of all hardware and subscription of software/services (Operating System, Antivirus Protection, Threat protection, IPS, Anti Bot, Anti Spyware, Antivirus, Sand boxing, Application control, URL,IP, Domain filtering, Monitoring & Reporting module etc.) with the 24x7 support, should be provided by the bidder. The End-of-Life of the requisite product should be at least 5 years from the date of installation.
 76. Original Equipment Manufacturer (OEM) or bidder should specify the Product's model number and brand name along with the declaration that the quoted model is a Next Generation Firewall and meeting out all the technical specifications mentioned in the tender document.
 87. All the technical specifications must be clearly specified in the catalogue of the proposed model, issued by the OEM.
 98. **Firewall should have capacity of 2000 user license.**
 109. Buy back offer prices of existing UTM Firewall (Fortigate 600C and 200D analyzer) may also be quoted.
- 10.

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specification and / or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents / clauses shall also be null and void. If any seller has any objection / grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

[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---