



ALL INDIA INSTITUTE OF MEDICAL SCIENCES Kalyani
(An Autonomous Organization under the Ministry of Health & Family Welfare, Govt. of India)

NH - 34 Connector, Basantapur, Saguna, Kalyani, Pin Code: 741245, West Bengal

Website: www.aiimskalyani.edu.in

E-Tendering Portal : <https://aiimskalyani.ewizard.in/>

E-Tender Ref. No.: 2941/T-11011/3/21-(IT-Works)/Firewall/Internal

Dated: 04/12/2023

Tender notice for supply, installation, testing & commissioning, customizing of Firewall/UTM (Internal) Device at AIIMS Kalyani, West Bengal

Tenders in prescribed forms are invited from agencies (either OEM who is willing to undertake total scope of work or an authorized solution provider of the OEM) having relevant experience in supply, installation, testing & commissioning, customizing of Firewall/UTM Device(Internal), with proper Service Suit such as ISP Load Balancing, having capacity to distribute high speed bandwidth-based internet connectivity to at least more than 3000 concurrent users, Security policies, NAT, Web Filtering, VPN, etc. from Reputed Original Equipment Manufacturers (OEM) or Their Authorized System Integrators/Partner" at AIIMS Kalyani, West Bengal.

For details, **AIIMS Kalyani website:** and <https://aiimskalyani.ewizard.in/> and www.aiimskalyani.edu.in may be seen. Tender documents, duly completed in all respect, should be submitted before the due date tender.

SD/-
Dr. Mugunthan M
Co-Chairperson of procurement
AIIMS, KALYANI

Section-I
TENDER SCHEDULE

1.1 Schedule of Tender:

Tender Ref. No. 2941/T-11011/3/21-(IT-Works)/Firewall/Internal

Date: 04/12/2023

Date of availability of E-Tender document in the AIIMS , Kalyani E-Tendering Solution portal	As per e-Tendering Portal of AIIMS Kalyani http://aiimskalyani.ewizard.in/ , http://aiimskalyani.edu.in/ and CPP Portal http://www.eprocure.gov.in/ for downloading/participating
Last Date of downloading /participating in the E-Tendering Solution for this E-Tender	As per e-Tendering Portal of AIIMS KALYANI https://aiimskalyani.ewizard.in/
Date, Time & Place of submission of indicated desired Hard Copies in the Sealed Envelope	The Tender Document with all the mandatory documents may be submitted through Online Mode, hence no Hard Copy Documents are required to submit physically to AIIMS Kalyani.
Date, Time & Place of Opening of Technical Bid	The Technical Bid will open online as per the schedule given in the https://aiimskalyani.ewizard.in/ In case the Scheduled date is declared Holiday The tender shall be opened on next working day.
Tender Document Cost payable to AIIMS Kalyani	To be downloaded from website hence no cost applicable.
E-Tendering Solution processing fee for providing online participation support & necessary DSC Certificates to Vendor for participate in Online E-Tender process	As applicable and displayed on https://aiimskalyani.ewizard.in/ and payable to https://aiimskalyani.ewizard.in/ directly by the prospective Bidder.

Cost of Bid Document	:	Nil (can be Download from website)
Amount of Earnest Money Deposit (EMD)(in shape of DD format	:	Rs. 1, 60, 000/- (One Lakhs Sixty Thousand Only), if the bidder exempted the EMD, in this situation only declaration to be submitted with proper supporting Documents.
Validity of Bid	:	180 (One hundred Eighty days from the date of bid opening)
Performance Security (in shape of FDR/BG)	:	10 % of Awardee L1 Contract Value
Validity of Performance security	:	The performance security shall remain valid for a period of 38 month from the date of Award of Contract
Venue	:	All India Institute of Medical Sciences, Kalyani, (West-Bengal Nadia-741245

1.2 Important Dates:

Issue/Publishing Date	:	05/12/2023
Date & time of Pre-Bid Conference	:	15/12/2023 , 11:30 a.m.
Venue Pre-Bid Conference	:	Seminar Room, 1 st Floor, Library Building, AIIMS Kalyani, NH 34, Connector, Basantapur, Saguna, West Bengal, Pin Code: 741245
Start date and time of submission of e-tender (Bid)	:	05/ 12/2023 , 17:00 hrs.
Last date & Time of Submission of e- Tender (Bid)	:	26/12/2023 , 17:00 hrs.
Date & time of online Technical Bid opening of e-Tender	:	27/12/2023 , 11:00 a.m.
Technical Project Demonstration (compulsory)	:	Yes (Bidder to be informed via official mail/ website)

TENDER NOTIFICATON

Tender Ref No: 2941/ T-11011/3/21-(IT-Works)/Firewall/Internal

Date:04/12/2023

Subject: Tender notice for supply, installation, testing & commissioning, customizing of Firewall/UTM Device (Internal) at AIIMS Kalyani, West Bengal

Tenders in prescribed forms are invited from agencies (either OEM who is willing to undertake total scope of work or an authorized solution provider of the OEM) having experience in supply, installation, testing & commissioning, customizing of Firewall/UTM Device(Internal), with proper Service Suit such as ISP Load Balancing, having capacity to distribute high speed bandwidth-based internet connectivity to at least more than 3000 concurrent users, Security policies, NAT, Web Filtering, VPN, etc. from Reputed Original Equipment Manufacturers (OEM) or Their Authorized System Integrators/Partner” at AIIMS Kalyani, West Bengal.

The procurement shall be carried through submission of online tenders. The tender documents can be downloaded from the website of <https://aiimskalyani.ewizard.in/>, www.aiimskalyani.edu.in Final bids are to be submitted on website <https://aiimskalyani.ewizard.in/>

The tender will be liable to be rejected if all requisite information/documents are not furnished [Online as mentioned in the Clause no. (6) Under “**General instruction to tenderers**” the part of tender document and all columns are not properly filled up and duly signed by the tenderer]

AIIMS, Kalyani reserves the right to reject any or all the tenders fully or partly without assigning any reason thereof.

SD/-
Dr. Mugunthan M
Co-Chairperson of procurement
AIIMS, KALYANI

GENERAL INSTRUCTION TO TENDERERS

To
M/S
.....
.....

Dear Sir,

Tender Ref No:

Subject: Tender notice for supply, installation, testing & commissioning, customizing of Firewall/UTM Device (Internal) at AIIMS Kalyani , West Bengal

Tenders in prescribed forms are invited from agencies (either OEM who is willing to undertake total scope of work or an authorized solution provider of the OEM) having experience in supply, installation, testing & commissioning, customizing of Firewall/UTM Device(Internal), with proper Service Suit such as ISP Load Balancing, having capacity to distribute high speed bandwidth-based internet connectivity to at least more than 3000 concurrent users, Security policies, NAT, Web Filtering, VPN, etc. from Reputed Original Equipment Manufacturers (OEM) or Their Authorized System Integrators/Partner" at AIIMS Kalyani, West Bengal (hereinafter referred to as 'Institute'). "Conditions of Contract" etc. are enclosed.

1. Earnest Money Deposit (EMD):-

(a) Each tenderer shall have to deposit a sum of Rs 160,000.00 /- in Shape of Demand Draft from any schedule Centralized Bank, drawn in favor of '**All India Institute of Medical Sciences', Kalyani**, payable at State bank of India, AIIMS Kalyani Branch (Branch Code 63963), as Earnest Money Deposit.

The amount of Earnest Money will be refunded to the unsuccessful tenderer(s) without interest, through A/C payee cheque / ECS, after finalization of the tender and against surrender of the original Money Receipt (MR) towards EMD. In case of successful tenderer, the EMD amount will be returned after deposition of the Security Deposit (SD) within 10 days from the date of issue of intimation in this respect.

(b) Non-submission of EMD along with the Tender will lead to rejection of the concerned tender.

(c) Third party draft will not be accepted.

EMD exemption is applicable for bidders having a valid MSME/MSE certificate.

2. Refund of EMD & Submission Security Deposit (SD)/ Performance guarantee: -

(a) Security Deposit (SD) @ **10% of the total Order value (including all taxes & charges)** in the Banker's cheque / Draft / Bank Guarantee from any Centralized Schedule Bank, drawn in favor of '**All India Institute of Medical Sciences', Kalyani**, payable at State bank of India, AIIMS, Kalyani Branch (Branch

Code 63963), within 10 days from the date of issue of intimation in this respect to the L1 bidder after finalization of the financial evaluation.

(b) Third party draft will not be accepted.

3. Retention of SD/Performance guarantee: -

The Security Deposit (SD) will be retained by **All India Institute of Medical Sciences (AIIMS), Kalyani** without interest, for a period of 38month from the date of satisfactory set up of the device including supply, successful installation, testing & commissioning, customizing of Firewall/UTM Device(Internal), with proper Service Suit such as ISP Load Balancing, having capacity to distribute high speed bandwidth-based internet connectivity to at least more than 3000 concurrent users, Security policies, NAT, Web Filtering, VPN, etc. up to the expire of Warranty period. In the event of the supplier failing to execute the supply / installation / commissioning without sufficient reason acceptable to AIIMS, Kalyani the security deposit will be forfeited along with cancellation of the Work Order.

4. Refund of Security Deposit/Performance guarantee: -

After successful completion of 3 years from the date of taking over the entire installation and on completion of all obligations and up to the expire of Warranty period by the supplier, the Security Deposit without interest will be refunded to the supplier subject to the following conditions: -

a) After deducting the amount from the Security Deposit, which may fall due towards any claim for loss or for whatsoever reasons felt necessary by AIIMS, Kalyani;

b) The supplier shall have to apply for the refund of Security Deposit along with original Money Receipt issued against Security Deposit;

c) Before releasing the Security Deposit, the supplier shall also have to submit a certificate to the effect that they have no claim(s) against AIIMS, Kalyani under this contract. If any Bill(s) for the job

done under this contract is / are left pending at the time of releasing the Security Deposit, the contractor may furnish the certificate in the following format: "I/We hereby certify that there are no claims against AIIMS, Kalyani under contract No for the jobexcept to the extent of the claims preferred by me/us as per under-noted bills already submitted to you."

5. Validity Period

The tender shall remain valid for acceptance for a period of 6 (six) months from the date of opening of the price part of the tender. If any tenderer withdraws his tender before the aforesaid six months, the

Earnest Money Deposit will be liable to be forfeited. However, the tenderer's consent may be sought for an extension of the period of tender validity beyond the aforesaid 06 (six) months and the tenderer will have the liberty to refuse such request without forfeiting his EMD.

6. Documents for Techno-Commercial Bid should be uploaded in the tender wizard Portal through online

SL. No	Document Description	Submission Mode	Remarks
01	NIT (Download the NIT and upload the same with signature and stamp).	Online	
02	Letter of application as per Schedule "A" .	Online	
03	General information as per Schedule "B" .	Online	
04	Proof of document submits by bidder for submission of EMD for said tender. The bidder intends for exemption of EMD the relevant document like. MSME/MSE certificate need to be uploaded in the portal.	Online	
05	The tenderer must submit the valid tender specific MAF(Authorization letter from OEM) for Firewall/UTM Device (Internal) during submission of the bid. Non submission of the valid tender specific MAF from OEM within due date of the tender the bidder must be disqualified for this said tender.	Online	
06	The tenderer must have experienced of executing work of similar nature (Such as supply, installation, testing and commissioning of Firewall/UTM Device/L3 Devices) covered different projects during the last Ten (10) years in Govt./PSU/Educational Institutes/corporate bodies of repute for at least 2 P.O Copy (included any UTM/Firewall/L3 Devices) from India having individual or total order value of minimum 12 Lacks.	Online	
07	The Tenderer should not have been blacklisted by any Government department / PSU / Bank in the last five years. A self-declaration to this effect is to be produced	Online	
08	A separate forwarding letter of acceptance of AIIMS, Kalyani Terms & Conditions.	Online	
09	Bidder should have the ISO 9001:2015/ ISO 27001: 2013 certified Company.	Online	
10	Filled in " Schedule-C " regarding warranty clause.	Online	
11	The details of time schedule for the completion of the job as per " Schedule-D ".	Online	
12	Tenderer must submit a detailed Bill of Material in tabular format with product description, make & model, part code & quantity against the schedule mentioned in " Schedule-F/1 " and the tenderer must submit the details scope of work [Under clause 21] need to be executed of the project.	Online	
13	Duly signed copy (as a token of acceptance) of the minutes of the Pre-bid meeting, if made available in the web site, will have to be submitted.	Online	
14	Copy of Valid & relevant Trade License.	Online	

15	Certified copy of Memorandum of Association in case the tenderer is a company, OR Statement indicating the firm is a proprietorship one. OR Partnership Deed (duly attested) in case the tenderer is a partnership firm.	Online	
16	Valid GST registration certificate	Online	
17	Tenderer should have Support office/ Support Centre/Service partner in each state of consignee. Details of proof of fully equipped maintenance set-up/service center of its' own in each state of consignee are to be submitted. Documentary proof of the same is required to be submitted.	Online	
18	The tenderer should submit complete technical compliance with respect to the technical specifications as per " schedule-G1 ". The technical compliance as per " schedules -G1 " should be accompanied with product datasheet / product brochure. All such product datasheets / product brochure should be publicly available from the OEM's website for verification. Non-Submission and noncompliance of the " Schedule-G1 " with valid product datasheet of each product the bidder must be technically disqualified.	Online	
19	The bidder/OEM should have certified technician having the knowledge of installation and integration of the project.	Online	
20	The bidders must be a profit-making entity for last 3 financial years. The documents must submit during submission of the tender.	Online	
21	The bidder must submit the Income Tax e-Return (Last Two Financial Years)	Online	
22	Project feasibility compliance report must be submitted by the firm after doing the site survey and getting proper knowledge of all the physical and infrastructural resources available in the project site. The firm should submit the report as " Annexure-A " along with the bid.	Online	
23	The bidder must submit the valid " Schedule-M " along with the bid Document before the due date of the bid. Non-Submission of the valid " Schedule-M " before the due date of the tender must be disqualified for the said tender.	Online	
24	The bidder must submit the valid " Schedule-P " along with the bid Document before the due date of the bid. Non-Submission of the valid " Schedule-P " before the due date of the tender must be disqualified for the said tender.	Online	

Tenderers may please note that non-submission of any of the aforesaid documents/non-fulfillment of any of the aforesaid criteria might lead to techno-commercial disqualification of their offers.

7. Manner of submission of tender

The procurement shall be carried through submission of online tenders only. Tenderers willing to take part in the tender wizard tendering process should have a valid user-id and password issued by tender wizard Authorities to participate in the online tender and have to be enrolled and registered with the Government ewizard-Procurement System

by visiting. He/She can search & download the Tender document from website i.e. www.aiimskalyani.edu.in Final bids are to be submitted on website <https://aiimskalyani.ewizard.in/>

a) Online submission:

The bids shall be uploaded in electronic mode through tender wizard-tendering system on <https://aiimskalyani.ewizard.in/>

Bids should be submitted as per the following instructions only:

Cover 1: "Technical Bid", Single pdf containing Scanned copies of documents as mentioned in **Point 6**.

Cover 2: "Price Bid" format as uploaded in BOQ online.

Note: tender wizard system does not allow submission of documents after due date of tender.

PRICE BID:-

Price Bid i.e BOQ given with the tender to be uploaded after filling all relevant information like Basic Prices, Taxes. The priced BOQ should be uploaded strictly as per the format available with the tender failing which the offer is liable for rejection (renaming or changing format of BOQ sheet shall not be accepted by the system). **Vendor must quote price in BOQ only, offers indicating rates anywhere else (scanned documents) shall be liable for rejection.**

8. Evaluation criteria of the technical bid and price bids

(i) Evaluation criteria of Technical Bid:

a. The tenderer must submit the valid tender specific **MAF** as required in tender for Firewall/UTM Device (Internal) [Under clause (6) of the tender "Documents for Techno-Commercial Bid" **point no's 5**] from OEM (An authorization letter from OEM's letterhead specific to this requirement) for quoted product during submission of the bid. Non-submission of any valid tender specific MAF from OEM within due date of the tender for all the different products as mentioned [Under

clause (6) of the tender "Documents for Techno-Commercial Bid" **point no's 5**] the bidder must be disqualified for this said tender. All the products quoted by the bidder must include the

3 years comprehensive warranty (CMC) as mentioned in the "schedule-F/1".

- b.** The tenderer should submit complete technical compliance with respect to the technical specifications as per "**schedule-G1**". The technical compliance as per "**schedules-G1**" should be accompanied with product datasheet / product brochure. All such product datasheets / product brochure should be publicly available from the OEM's website for verification.

Non-Submission and noncompliance of the "**Schedule-G1**" with valid product datasheet of each product within the due date of the bid, the bidder must be technically disqualified.

- c.** Tenderer must submit detailed Bill of Material (without price) in tabular format with product description, make & model, part code & quantity against the schedule mentioned in "**Schedule-F/1**". Non-Submission of the "**Schedule-F/1**", with valid product datasheet of each product within the due date of the bid, the bidder must be technically disqualified.
- d.** Tenderer must submit the Project feasibility compliance report [Under clause (6) of the tender "Documents for Techno-Commercial Bid" point no's 22] as "**Annexure-A**". Non-submission of valid "**Annexure-A**" within the due date of the bid, the bidder must be technically disqualified.
- e.** Tenderer must submit the "**Schedule-M**" and "**Schedule-P**" [Under clause 6 of the tender "Documents for Techno-Commercial Bid" point no's 6 (w), 6(x)] . Non-submission of valid "**Schedule-M**" and "**Schedule-P**" within the due date of the bid, the bidder must be technically disqualified.

Non submission of any of the above three documents [Under clause 8 (i) -(a), (b),(c),(d)] the bidder should be technically disqualified and Non Compliance of technical specification [Under Schedule-G1] and Bill of Quantities[Under Schedule-F1] and details scope of work [Under clause 21] the bidder must be technically disqualified for this said tender.

(ii) Evaluation criteria of financial Bid:

Financial Bids shall be opened for those bidders who qualify at Technical stage.

- a.** Tender will be evaluated on the basis of the total cost of the contract (i.e Supply, installation, testing & commissioning, customizing of Firewall/UTM Device(Internal) in AIIMS, Kalyani and the cost of 3 years CMC). The chosen currency of evaluation will be Indian Rupee (INR). Price quoted in other currencies is liable to get rejected.
- b.** The lowest tenderer will be the firm for which the total financial implication of AIIMS, Kalyani as per the aforesaid criteria would be the lowest.

The successful Tenderer will be notified through letter of intimation from the Institute, asking the successful tenderer to deposit the security deposit amount which would be followed by issuance of "**Work Order**" that their offer has been accepted and the basis on which the same has been accepted. The "**Work Order**" will constitute the formation of a contract until the contract has been affected pursuant to **Clause 11** of "**General Instructions to Tenderers**".

9. Rates to be fully inclusive of all expenditure

The successful contractor must have cleared all duties/taxes and otherwise complied with all rules and regulations of the Central and the State Governments, Statutory bodies, local authorities etc. AIIMS, Kalyani shall not be liable to pay any money to the contractor at all in way of operation of this contract except for the total amount quoted and all other charges/costs should be borne by the contractor. However, in case of variation in taxes like GST of Goods & GST of service etc. in between the date of submission of tender and the original date of completion of the period of contract or extended period thereof not attributable to the contractor, the same would be considered at actual.

10. Terms of payments

The payment will be released after complete delivery of the materials and after successful installation & commissioning of the project in AIIMS, Kalyani on submission of invoice /bill along with the certificate of completion (Ref. clause 33) where, -

a. Payment of the Firewall/UTM Device(Internal) will be paid as per required quantity mentioned in bill of materials (BOM) [Under Schedule-F1] of the tender document on quoted price including 3 years CMC submitted by L1 bidder in their BOQ.

b. Payment to be made after deducting various Statutory dues or obligations.

11. Contract Agreement

The successful tenderer shall be required to execute within 07 days from the date of acceptance of the tender at his (their) own cost and expenses 'Contract Agreement' on a non-judicial stamp paper valued not less than Rs.50/- (Rupees fifty only) signed jointly by the representatives of AIIMS, Kalyani and successful tenderer under official seals as per format at "**Schedule-E**" enclosed with this tender document.

12. Not bound to accept lowest tender

AIIMS, Kalyani is not bound to accept the lowest tender(s) in part or in full.

13. Dispute

In the event of any dispute, question or difference arising during the contractual period or during any other time, as to any matter connected with or arising out of the contract, the decision of the Executive Director, AIIMS Kalyani shall be final and binding upon all parties.

14. Termination of Contract

The contract may be terminated any time within the currency period of the contract by AIIMS, Kalyani at its sole discretion for any of the following factors after giving 7 days' Notice and for such cancellation, AIIMS, Kalyani will under no circumstances be subject to any liability:-

a. If the contractor fails to carry out the work as per desired specification and /or fails to commission the system within the stipulated period without any valid reason acceptable to Executive Director, AIIMS, Kalyani.

b. Breach of any terms and conditions of contract.

c. Any unlawful act of the contractor(s) on any third party on behalf of the contractor entailing any damage/loss to the property/material of AIIMS, Kalyani or any inconvenience to AIIMS, Kalyani.

c.In case AIIMS, Kalyani has to deduct damages from the contractor due to non-fulfillment of the required warranty/CMC requirements, during the warranty period of 03 year.

15. Pre-Bid Meeting

The prospective bidders shall be permitted to attend the Pre-bid meeting in order to make themselves fully aware of the work conditions. The issues/questions to be raised must be in writing and email both to reach AIIMS, Kalyani not later than three working days before the pre-bid meeting. A prospective bidder requiring any clarification of the bidding documents shall contact the purchaser in writing at the purchaser's e-mail address i.e., e-tender@aiimskalyani.edu.in . Or contact at Phone (033)-29991575. The purchaser will only respond in writing (e-mail: e-tender@aiimskalyani.edu.in) to queries that are valid or have some merits.

In the event of non-attendance of the Pre-bid meeting by the Tenderers, it would, however, be presumed that the tenderer has fully considered all factors, risks & contingencies which will have direct & indirect impact on his expenses & profit from the work and no correspondence from the tenderer/contractor in this regard would be entertained. The 'Record Note of discussion' of the Pre-bid meeting, if generated, would be made available in the website of AIIMS, Kalyani.

16. Escalation

During the entire period of contract (warranty period) the contractor/L1 bidder shall not be entitled to receive any escalation for any increase in the price of labour, materials, spares or any other items.

17. Damage payable by contractor

During the warranty period the following factors are to be ensured by the contractor:-

- (i) The contractor/L1 bidder will remain responsible for proper spare support during the 3 years warranty period.
- (ii) The contractor/L1 bidder must attend the site within 48 hours from the time of receipt of complaint.

In the event of the failure of the contractor in fulfilling its obligation as mentioned herein above an equivalent to 0.5% of the Performance Security Deposit value would be deducted for delay of every week.

18. Deviation

It is impressed upon the tenderer that the instant tender should be based on the conditions and specifications stipulated in the tender documents and that the tenderer shall not stipulate his own terms and conditions in deviation thereof, as apart from the likelihood of vitiating the tender. Such deviations will lead to non-uniformity of tender and make evaluation of tenders difficult and accordingly, will render such tender liable to rejection/cancellation. However, if the tenderer feels that deviation is unavoidable, he should enumerate the same clause-wise along with justification separately and submit the same within the stipulated time to the Executive Director, AIIMS, Kalyani. The issues raised would be discussed in the Pre-bid meeting. The decision of the Tender Committee on the proposed deviation will, however, be binding on the tenderers and AIIMS, Kalyani.

19. Warranty period

The comprehensive warranty period for all hardware delivered & installed shall for three (3) years from the date of complete delivery, installation & testing and commissioning of the equipment's by the contractor. Warranty shall include free replacement of all spares/components. The tenderer should furnish warranty as given in "**Schedule-C**" along with Techno-Commercial offer.

20. Adherence to Rules & Regulations:

The contractor shall strictly adhere to all rules & regulations as laid down by the Govt. of India, State Government, Local Authority and AIIMS, Kalyani in this connection.

Conditions of Contract

21. Scope of Works: -

AIIMS, Kalyani is planning to implement a firewall system for implementing robust security for protecting their internal Servers/storage/other resources etc. The primary objective is to establish a secure network environment by deploying a robust Firewall solution. Additionally, the internal Firewall system will be integrated with an existing external Firewall to work in handshaking mode for enhanced security.

The details project scope and project life cycle are given below: -

Project Phases: The firewall implementation project will be divided into the following phases: -

Sl. No.	Items	Activity Details
1	Project Kick-off	Packaging, Inspection, Racking stacking, Powering on the device
		Connectivity to Firewall/UTM and mapping of the device as active network element
2	Discovery Phase	Review the existing network environment and planning for implementation / installation the new Firewall/UTM as per customer requirement.
		Review additional configuration requirements
3	Design Phase	Review the data collected during the Discovery Phase
		Review the proposed architecture and re-confirm the design goals
		Create the Firewall/UTM policy(LAN/WAN) as approved by the customer

		<p>Network configuration planning (Interface configuration, physical port configuration, IP address assignment in each interface)</p> <p>Review the number of the zones required for Firewall/UTM</p> <p>Review the access-list policy as required by customer</p> <p>Review the static route as required by the customer</p> <p>Review the application control policy and user access policy as required by I.T. cell & may be further changes occurred if needed.</p> <p>Define security requirements and policies.</p> <p>Identify critical assets and network segments.</p> <p>Assess existing network infrastructure and traffic patterns after approval of I.T. Cell of the institute.</p>
4	Implementation Phase	<p>Establish a secure communication channel between the internal and external Firewalls to allow for handshaking and synchronized security operations and Live the Firewall/UTM in the existing network.</p> <p>Assignment all the IP address into the interfaces</p> <p>Creation of the zones as required by the customer</p> <p>Apply all the policies as required by the I.T. Cell and active the network</p> <p>Monitoring all the incoming and outgoing network traffic</p> <p>Apply all the Nat policies as required by the customer</p> <p>Apply the allowable services (like. SSH, Telnet, FTP, SFTP etc.) as required by the customer.</p> <p>Apply the route per interface as required by the customer.</p> <p>Apply access list as required by the customer</p> <p>Apply the application control policies and access control policies as required by customer.</p>
	Access Control and Access Control Rules:	<ul style="list-style-type: none"> • Define clear access control policies and rules. • Apply the principle of least privilege to minimize unnecessary access. • Define access control rules based on the principle of least privilege. • Clearly document each rule's purpose, source, destination, and action. • Regularly review and update access control rules as needed.
	Network Segmentation:	<ul style="list-style-type: none"> • Segment the network to isolate critical assets from less critical ones. • Enforce firewall rules to control traffic between segments.
5	Project resource Monitoring tools installation	<p>Monitoring through Dashboard of Firewall/UTM resources (Processor Load, disk usages, memory usages , network load, GPU usages, etc.)</p> <p>Monitoring the status of services and applications running in Firewall/UTM</p> <p>Monitoring of Network services, Web Servers activities through Network in each and individual node like. SNMP,POP3,HTTP,HTTPS,NNTP,PING,SSH etc.</p> <p>Ability to Detection of primary failure to avoid multiple like</p>

		<p>alerts.</p> <p>Notifications via email or SMS must be available in case of problem occurs in any host at Lab.</p> <p>Notifications to individuals or defined groups must be available in case of down of any host or services in Lab.</p> <p>Log information and database to store the history must be available.</p> <p>An alert from SNMP traps, monitoring redundancy, allows for redundant monitoring and ability to escalate alerts must be available.</p> <p>Automatic log rotation facility must be available.</p> <p>Optional Web interface for viewing current network status , notification and problem history ,log file etc.</p> <p>Monitor log files continuously to identify infra-issue.</p> <p>SSH or SSL tunnels can also be used for remote monitoring.</p>
6	Test Phase	Test access through all newly created Policies/Nat/Route/Zones/Interfaces/access-list/IP address used
7	Completion phase	<p>Above activities are completed</p> <p>Customer SOP and Manuals/Project report created and handed over. Proper KT provided to admin</p> <p>Explain Troubleshooting/Call logging/ Escalation Matrix of OEMs</p> <p>Handover the project</p>
	Training:	<ul style="list-style-type: none"> Train IT Cell on firewall management. Raise awareness among the IT staff about new security policies.
	Testing and Validation and Quality Assurance:	<ul style="list-style-type: none"> Conduct comprehensive testing of firewall rules. Verify that legitimate traffic is not blocked. Ensure proper functioning of logging and alerting systems.
	Project Completion and Deliverables:	<p>The following deliverables are expected upon the completion of the project:</p> <ul style="list-style-type: none"> Installed and configured internal Firewall system Access control policies documentation Intrusion Detection and Prevention System (IDPS) implementation Integration documentation for external Firewall Comprehensive testing and quality assurance reports Firewall configurations Training materials and sessions for the IT team
	Timeline:	<ul style="list-style-type: none"> Create a detailed project timeline with milestones, including the start and end dates for each phase of the project.

The contractor shall strictly adhere to all rules & regulations as laid down by the Govt. of India, State Government, Local Authority and AIIMS, Kalyani in this connect.

22. Schedule OF Quantities

Schedule of Quantities/ Un-price Bill of Materials (BOM) for supply, installation, testing & commissioning, customizing of Firewall/UTM Device (Internal) at AIIMS Kalyani, West Bengal:

A. Active Components (Schedule-F/1)

23. Specifications

Technical Specification for supply, installation, testing & commissioning, customizing of Firewall/UTM Device (Internal) at AIIMS Kalyani, West Bengal:

B. Active Components (Schedule- G1)

24. Site Condition

Contractor should inspect the work site, where the works under this tender are to be carried out, and obtain all the information which may be required for the purpose of the successful execution of the contract.

Any leveling or filling, if required to commence work, will be done by the vendor at his own cost.

25. Contractor to Provide Everything Necessary

The contractor shall provide all materials, labors of every description, and all tools, tackles, plant and transport necessary for proper execution of the work to the satisfaction of the Institute.

The contractor is also to include in his tender, charges for final surfacing to all repairs done for their fixtures, installation etc. and removal of spoil arising out of the contract.

26. Materials

The contractor is to provide all materials and labour of every description including tools, tackle, plant transport etc. The Institute shall not be responsible for arranging any license or licensing certificate for the procurement of any material and the successful tenderer must accept full responsibility for the procurement and delivery of all materials, transport facilities in respect of these.

27. Labour Wages, Regulations, etc.

It is a condition of this contract that the contractor shall pay to the labour engaged by him in connection with the work directly or indirectly through the sub-contractors wages not less than the minimum wages fixed by the

appropriate Govt. under the Minimum Wages Act, and shall duly and properly comply with or ensure compliance of all legislature, laws, rules or regulations relating to employment of labour.

The contractor shall be liable for any damage or loss caused to the Institute by violation of the provisions of this clause. A violation of this clause shall also be deemed to be a breach of contract. The contractor shall not employ a youth who has not completed his eighteenth year of age.

28. Dismissal of Workmen

The contractor shall, on the request of the Institute, remove from the works site any persons employed thereon by him, within 24 hours after the receipt of written order signed by the Institute, who may, in the opinion of the Institute, be incompetent or unsuitable, and such person shall not be again employed or allowed on the works site without the permission of the Institute. The Institute shall not enter into the correspondence for stating the reasons for removal of workman.

29. Access to Works

The Institute and any person authorized by them shall at all times have free access to the worksite and also to any places where materials are lying and from where they are being taken out and the contractor shall give every facility to them for inspections, examination and testing of the materials and workmanship. No person, not so authorized as aforesaid, except the representatives of Public Authorities, shall be allowed on the works site at any time.

30. Assignment, Sub-Letting and Partnership

The whole of the works included in the contract shall be executed by the contractor and the contractor shall not directly or indirectly transfer, assign,

or sublet the contract or any part, share thereof or interest therein without the written consent of the Institute and no sub-letting shall relieve the contractor from the full and entire responsibility of the contract or from active superintendence of the works during their progress.

31. Measurement of Work

The Institute may from time to time intimate the contractor that they require the works to be measured and the contractor shall forthwith attend or send a qualified agent to assist the Institute or his representative in taking such measurement and calculations and to furnish all particulars or to give all assistance required by them.

Should the contractor not attend or neglect or omit to send Agent, then the measurements taken by the Institute or any person authorized by them shall be taken to be the correct measurements of the works.

32. Unfixed Materials When Taken Into Account to Be the Property of the Institute

Where the Institute has included the value of any unfixed materials intended for USE, such materials shall become the property of the Institute and they shall not be removed, except for BEING USED IN the works, without the written authority of the Institute. The contractor shall be liable for any loss or damage to such materials.

The contractor shall arrange to avail of proper gate passes of the Institute for entry and exit of their workmen, plants, tools, materials, etc.

Provided always that nothing in this Clause shall relieve the contractor from his liability to execute the works in all respects in accordance with the terms and upon and subject to the conditions of the contract or from his liability to make good all defects.

33. Certificate of Completion

Upon completion of the work, the contractor shall give notice of such completion to the Institute and within 7 days from the date of receipt of such notice, the Joint Technical Committee comprising AIIMS, Kalyani officials-IT Consultant, Chairperson IT/FIC IT & the representative(s) of

the contractor shall inspect the work and if there is no defect in the work, shall furnish the contractor with a certificate of completion.

In case the Joint Technical Committee finds any fault/defect in materials and/or craftsmanship, it will intimate the Contractor in writing and it will be the responsibility of the Contractor to make good such fault/defect within 15 days from the date of receipt of such communication.

34. Working Hours

No work shall be carried out beyond the office hours of AIIMS, Kalyani or Sundays or Institute holidays except with the previous sanction in writing of the Institute. Granting of such dispensation will be entirely at the discretion of the Institute and cannot be claimed by the contractor as a matter of right, and refusal to grant such permission will not be accepted by the Institute as a ground or excuse for not completing the work within the contract period.

35. Completion Time

The entire supply, installation, commissioning of the job will have to be executed preferably within 60 days including continuous trial run of at least 2 days followed by inspection & final approval of the Joint Technical Committee comprising AIIMS, Kalyani officials- IT Consultant, Chairperson IT, from the date of receipt of the firm work order. In case the Joint Technical Committee finds any fault/defect in the materials and/or craftsmanship and asks the Contractor to rectify the same. The time schedule for completion of the contract shall have to be given separately as indicated in the "schedule-D" and should be submitted along with the Techno-Commercial offer.

If in the opinion of the Executive Director of the Institute completion of the work shall be delayed for any just cause not attributable to the act, default or omission of the contractor, the Executive Director of the Institute may extend the time for the completion of the work to such date as he shall consider reasonable. Provided always that the contractor makes a written application to the Executive Director of the Institute at or before the time when the cause of the delay is occurring or about to occur.

36. Force Majeure

Any failure of omission or commission to carry out the provision of this Agreement by the contractor shall not give rise to any claim by one party, one against the other, if such failure of omission or commission arises from an act of God; which shall include acts of natural calamities such as flood, earthquake, from civil strikes, riots, curfew, embargoes or from any political or other reason beyond the parties control including war (whether declared or not) civil war or stage of insurrection, provided that notice of the occurrence of any event by either party to the other shall be given within two weeks from the date of occurrence of such an event which could be attributed to Force majeure conditions.

37. Right of Decision by AIIMS, Kalyani

The AIIMS, Kalyani reserve the right to accept or reject any tender offer and annual the tendering process and reject all the tenders at any time prior to the award of contract, without assigning any reasons and without hereby incurring any liability towards the affected tender(s) or any obligation to inform the affected tenderer(s) on grounds for the action taken by the institute in this regard.

38. Restriction on Procurement Due to National Security

Any bidder from a country sharing a land border with India will be eligible to bid in this tender only if the bidder is registered with the Department for Promotion of Industry and Internal Trade (DPIIT). A copy of the valid Certificate to be attached with the Bid. Certificate as per the Annexure to be attached along with the Bid. Vide Ministry of Finance OM No. 6/18/2019-PPD dated 23rd July 2020. Reference is made to Government of India order F. No. 7/86/2020/BOA-I dated 07.08.2020 on restrictions on procurements from bidders from a country or countries, on grounds of defense in India, or matters directly or indirectly, related thereto, including national security.

i. 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.

ii. "Bidder" (including the term 'tenderer', 'consultant' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.

iii. "Bidder from a country which shares a land border with India" for the purpose of this Order means: -

- a. An entity incorporated, established or registered in such a country; or
- b. A subsidiary of an entity incorporated, established or registered in such a country; or
- c. An entity substantially controlled through entities incorporated, established or Registered in such a country; or
- d. An entity whose beneficial owner is situated in such a country; or
- e. An Indian (or other) agent of such an entity; or
- f. A natural person who is a citizen of such a country; or
- g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above

iv. The beneficial owner for the purpose of (iii) above will be as under:
In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.

39. "Make in India" Declaration & Component Percentage:

To encourage 'Make in India' and promote manufacturing and production of goods and services in India with a view to enhancing income and employment, Department of Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce and Industry, Government of India, issued Public Procurement (Preference to Make in India). The order is issued pursuant to Rule 153 (iii) of GFR, 2017. The Order is applicable on the procurement of Goods, Works and Services.

Only 'Class-I local supplier' and 'Class-II local supplier', shall be eligible to participate the tender.

The Self-certification format for claiming purchase preference under the "Public Procurement preference to Make in India" order has been attached into the "**Annexure-M**". All bidders must submit the "**Annexure-M**" in the prescribed format.

40. Penalty:

In the event of non-compliance with the terms and conditions of the tender, the successful bidder shall be liable to pay a penalty as per the following provisions:

- a. Late Delivery: If the successful bidder fails to deliver the goods within the specified timeframe, a penalty of 0.5 percentages per week of delay shall be imposed on the total security deposit.
- b. Non-Performance: If the successful bidder fails to perform the contracted services or supply goods as per the specified quality, specifications, or other agreed-upon terms, a penalty of 0.5 percentages shall be imposed on the total security deposit for each instance of non-compliance.
- c. Defective Goods: In the event of the supply of defective goods that do not meet the specified standards, a penalty of 0.5 percentages per defective unit or as otherwise determined by the procuring entity shall be levied on the total security deposit.

d. Breach of Contract: Any breach of the contractual obligations not explicitly covered above shall be subject to penalties as deemed appropriate by the procuring entity, up to 0.5 percentage of the security deposit.

The total penalty amount shall be deducted from any payment due to the successful bidder or recovered from the bidder's security deposit. In case the penalty exceeds the security deposit, the successful bidder shall be liable to pay the remaining amount to the procuring entity within 45 days of notification.

41. Arbitration

If any difference arises concerning this agreement and its interpretation, the same shall be settled out by mutual consultation and negotiation. If attempts for conciliation do not yield any result within a period of 30 days, Sole arbitrator will be appointed by the Executive Director, AIIMS Kalyani in accordance with the Arbitration & Conciliation Act 1996 or its subsequent amendment. In case of such arbitrator refusing, unwilling or becoming incapable to act or his mandate having been terminated under law, another arbitrator shall be appointed in the same manner from among the panel of three persons to be submitted by the claimant. The contract shall be governed by the provision of Arbitration and Conciliation Act, 1996 and its subsequent amendment and the rule framed there under and in force shall

42. Insolvency

In the event of the Manufacturer/Authorized Distributor being adjudged insolvent or having a receiver appointed for it by a court or any other under the Insolvency Act made against them or in the case of a company the passing any resolution or making of any order for winding up, whether voluntary or otherwise, or in the event of the firm failing to comply with any of the conditions herein specified, AIIMS, Kalyani shall have the power to terminate the contract without any prior notice.

43. Waiver

At any time, any indulgence or concession granted by hospital shall not alter or invalidate the terms of the contract nor constitute the waiver of any of the provision hereof after such time, indulgence or concession shall have been granted. Further the failure of hospital to enforce at any time any of the provisions of the contract or to exercise any option which is herein provided, shall in no way be construed to be waiver of such provisions nor in any way affect the validity of the contract or any part thereof or the right of hospital to enforce the same in part or in entirety of it. Waiver, if any, has to be in writing.

Further, Department of Expenditure, Ministry of Finance, vide Office Memorandum, No. F. 1/4/ 2022-PPD dated 05.08.2022 brought amendment of GFR 2017 regarding acceptance of electronic Bank Guarantee (e-BG)

Thereafter, Department of Expenditure, Ministry of Finance, vide Office Memorandum, No. F. 1 /2/2023-PPD dated 03.04.2023 brought amendment in GFR 2017 - Rule 171(i) regarding Performance Security.

Further, EMD in the following proforma may also be included in the NIT document.

44. Fall Clause:

The BIDDER undertakes that it has not supplied/is not supplying Similar product/systems or subsystems at a price lower than that offered in the present bid in respect of any other Ministry/Department of the Government of India or PSU and if it is found at any stage that similar product/systems or sub systems was supplied by the BIDDER to any other Ministry/Department of the Government of India or a PSU at a lower price, then that very price, with due allowance for elapsed time, will be applicable to the present case and the difference in the cost would be refunded by the BIDDER to the BUYER, if the contract has already been concluded.

45. Proforma for Earnest Money Deposit Declaration

Whereas, I / We (Name of Agency) huge submitted bid for

. (Name of Work)

I / We hereby Submit following declaration in lieu of submitting Earnest Money Deposit.

*1) If after the opening of tender, I / We withdraw or modify my / our bid during the period of validity of tender (including extended validity of tender} specified in the tender documents,
OR*

2) If, after the award of work, I/ We fail to sign the contract, or to submit performance guarantee before the deadline defined in the tender documents,

Then the MMD shall be forfeited,

I / We shall be suspended for one year and shall not be eligible to bid for CPWD tenders from date of issue of suspension order.

Signature of the contractor(s)

Schedule- A

Tender Ref No: 2941/T-11011/3/21-(IT-Works)/Firewall / Internal

Tender notice for supply, installation, testing & commissioning, customizing of Firewall/UTM Device (Internal) at AIIMS Kalyani , West Bengal

LETTER OF APPLICATION

Registered Business Name: _____

Registered Business Address: _____

Telephone: _____

FAX: _____

To:

Executive Director

All India Institute of Medical Sciences, Kalyani

NH - 34 Connector, Basantapur, Saguna, Kalyani,

Pin Code: 741245, West Bengal.

Sir,

We hereby request to be qualified with AIIMS, Kalyani as a Tender for supply, installation, testing & commissioning, customizing of Firewall/UTM Device (Internal) at AIIMS Kalyani, West Bengal against tender ref No:

We authorize AIIMS, Kalyani or its authorized representatives to conduct any investigations to verify the statements, documents and information submitted along with the tender and to verify the financial and technical aspects of this application. For this purpose, we hereby authorize (any public official, engineer, bank, depository, manufacturer, distributor. etc.) or any other person or firm to furnish pertinent information deemed necessary and requested by AIIMS, Kalyani to verify statements and information provided in this application or regarding our competence and standing.

1. The name and position of persons, who may be contacted for further information, if required, are as follows:

Name: _____

Designation: _____

Telephone: _____

E-mail id: _____

2. We declare that the statements made and the information provided in the duly completed tender documents and in the application herein are complete, true and correct in every detail. On verification at any time in the future if it is found that information furnished in the tender documents and in this application and statements made therein are not true, incomplete or incorrect, we hereby authorize AIIMS, Kalyani to reject our tender along with this application.

3. I/We understand that AIIMS, Kalyani reserves the right to reject any application for tender without assigning any reason thereof.

Yours faithfully,

Seal of firm making (Authorized representative of applicant/the application principal tenderer)

Date:

Encls:

Schedule- B

Tender Ref No: 2941/T-11011/3/21-(IT-Works)/Firewall / Internal

Tender notice for supply, installation, testing & commissioning, customizing of Firewall/UTM Device (Internal) at AIIMS, Kalyani , West Bengal

GENERAL INFORMATION

Company Name: _____
Head Office Address: _____

FAX No. : _____ Telephone No. _____

Regional Office Address: _____

FAX No. : _____ Telephone No. _____

Local Office Address: _____

FAX No. : _____ Telephone No. _____

Country and Year Incorporated *

Main Lines of Business:
1. _____ since _____
2. _____ since _____
3. _____ since _____

Organization chart showing structure of company including names and position of Directors, General Managers and other key Personnel and total number of qualified key technical personnel in Company's current employment for execution of this project is enclosed.

Schedule- C

Tender Ref No: 2941/T-11011/3/21-(IT-Works)/Firewall / Internal

Tender notice for supply, installation, testing & commissioning, customizing of Firewall/UTM Device (Internal) at AIIMS Kalyani , West Bengal

WARRANTY

I/We certify that the warranty shall be given for a period of three years starting from the date of satisfactory installation, commissioning and handing over of the equipment and the work conducted under the contract. During the warranty period, I/we shall provide the "after sale service" and the replacement of defective / or any part(s) of the equipment or rectification of defects of work of the equipment will be free of cost.

The replacement of the parts shall be arranged by us, at our own cost and responsibility. We undertake that the above warranty shall begin only from the date of handing over the entire installation for satisfactory and faultless functioning of the equipment for three years continuously at Institute premises. The benefit of change in dates of the warranty period shall be in the interest of AIIMS, Kalyani.

During the warranty period, we shall provide at least 3 preventive maintenance visits per year.

Uptime Guarantee: During the warranty period, we will be responsible to maintain the equipment including all the accessories in satisfactory faultless working conditions. All complaints will be attended by us within 4 hours from the receipt of the complaint and the system would be made operational within 24 hours.

We shall try to repair the equipment at Institute premises. However, in case it is not possible to repair the equipment at Institute premises, we will take out the equipment to our site on our own expenses with proper substitution arrangement of the equipment. We shall take the entire responsibility for the safe custody and transportation of the equipment taken out for repair still the equipment is rehabilitated to the Institute after repair. If any loss of equipment occurred during our custody, we will compensate to Institute for such losses.

Signature of Witness

Signature of Tenderer

NAME AND ADDRESS

NAME AND ADDRESS

.....
.....
.....

.....
.....
.....

Tel. / Fax No . _____

Tel. / Fax No

Date _____
Date _____

Schedule- D

Tender Ref No: 2941/T-11011/3/21-(IT-Works)/Firewall / Internal

Tender notice for supply, installation, testing & commissioning, customizing of Firewall/UTM Device (Internal) at AIIMS Kalyani , West Bengal

Time Schedule

Period required for delivery of all items at site from the date of placing order _____ days.

Period required for installation, commissioning the system from the date of delivery at site _____ days.

Signature of Tenderer _____

Schedule- E

CONTRACT AGREEMENT

THIS AGREEMENT is made this day of, 2023 between the AIIMS, Kalyani, an academic Institution under Ministry of Health & Family Welfare, Govt. of India (herein after called the Institute) of one part and M/s. (herein called the 'the Contractor' which expression shall unless excluded by or repugnant to the context, be deemed to include its heirs, executors, administrators, representatives and assignees or successors in office) of the other part.

WHEREAS, the Institute is desirous that certain works should be undertaken towards tender for supply, installation, testing & commissioning, customizing of Firewall/UTM Device (Internal) at AIIMS Kalyani, West Bengal and AIIMS, Kalyani has accepted the Tender for the same submitted by the Contractor for execution of such works.

AND WHEREAS, the Institute issued Work Order No. Dated To the Contractor against Tender for supply, installation, testing & commissioning, customizing of Firewall/UTM Device (Internal) at AIIMS Kalyani, West Bengal.

AND WHEREAS, as per Clause "General Instructions to Tenderers", the successful tenderer (i.e the contractor herein) is required to execute Contract Agreement to be signed jointly by the representative of the Institute and the Tenderer (i.e. the contractor herein)

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. That in the Agreement, words and expressions shall have the same meanings as are respectively assigned to them in "General Instructions to Tenderers" herein after referred to.
2. That the following documents shall be deemed to form and be read and construed as part of this agreement viz,
 - a) The said Tender document and the acceptance of the Tender
 - b) The General Instructions to Tenderer
 - c) Conditions of Contract
 - d) Special Conditions of Contract
 - e) Rate Schedule
 - f) All correspondences, by which the contract is added, amended, varied or modified in any way, by mutual consent.
3. That in consideration of the payment to be made by the Institute to the Contractor as herein after mentioned, the Contractor hereby covenants with the Institute to execute the work in conformity in all respects with the provisions of the contract and the documents described herein above at para 2.
4. That the Institute hereby covenants to pay the Contractor in consideration of such execution at the contract prices at the time and in the manner prescribed by the contract.

In witness whereof, the parties hereto have caused their respective common seals to be hereunto affixed (or hereunto set their respective hands and seals) the day and year first above mentioned.

The Common Seal of the AIIMS, Kalyani,
was hereunto affixed
in the presence of.

Name.....
Address.....
.....

Representative of the Institute
.....

Signed, Sealed and delivered
at Kalyani in the presence of

Name.....

Address.....
.....
.....

Contractor

Date:

Schedule-M

Make in India Declaration

Self-certification format for claiming purchase preference under the “Public Procurement preference to Make in India” order

Make-in-India (MI) Local supplier certificate (as per order No P-45021/2/2017-PP (BE-II) by DPIIT, Ministry of Commerce and Industry, GoI.)

Bid number:

Name of the item:

I/We certify that the item offered meets the local content requirement for

- Class I Local supplier (Minimum 50% of local content)

- Class II Local supplier (Minimum 20%, but less than 50%, of local content)

(Select one of the above and strike off the other)

Percentage of local content in the quoted product is _____

Details of the location(s) at which local value addition made:

(Site/facility address where local value addition is made)

Authorized Signature:

Name:

Self-certification format for claiming purchase preference under the “Public Procurement preference to Make in India” order

Exemption of small purchases:(to be filled for items with procurement cost less than Rs. 5 lakhs)

Bid number:

Name of the item:

“Certified that the item/items quoted have

- less than 20% value addition in India at the location (s) mentioned below
Details of the location(s) at which local value addition made:

(Site/facility address where local value addition is made)

- is/ are fully imported with no value addition in India.

(Select one of the above and strike off the other)

However, as the estimated value of the item/items to be procured and quoted by the firm is less than Rs. 5 lakhs, we are exempted from this order- “Public Procurement preference to Make in India” order Dt.15.06.2017 as further amended by Order No.P-45021/2/2017-B.E.-II dated 28.05.2018, Order No.P-45021/2/2017-B.E.-II dated 29.05.2019, and Order No.P-45021/2/2017-PP (BE-II) dated 04.06.2020.” We also ensure that the procurement is not split for the purpose of avoiding the provisions of this Order.

Authorized Signature:

Name:

Schedule-P

Self-certification format for Compliance to GFR 144 (xi) (On Firms' Letter Head)

To,

Date: *****

The Executive Director
AIIMS Kalyani
NH -34 Connector, Basantapur,
Saguna, Kalyani, Pin Code: 741245,
West Bengal

Ref. Your document.

dated:

We, the undersigned, have read the clause [(Public Procurement No.1) No. 6/18/2019-PPD dated 23rd July 2020 issued by the Public Procurement Division, Dept of Expenditure, Min Of Finance under Rule 144(xi) of GFR 2017]regarding restrictions on procurement from a bidder of a country which shares a land border with India and we certify that this bidder is not from such a country/ from such a country and has been registered with the Competent Authority and a copy of the valid registration by the Competent Authority is attached as evidence of the same (Strike out what is not applicable). In case there are Turnkey works to be carried out this bidder will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority. We hereby certify that this bidder fulfils all requirements in this regard and is eligible to be considered.

(Signature with date)

(Name and designation)

Duly authorized to sign tender for and on behalf of

(A) Schedule-F/1

Bill of Quantities for tender :-

SL	Item	Qty	UOM
1	Firewall/UTM	01	Nos
2	3 Years CMC for Firewall/UTM	01	Nos
3	Installation of the device in Customer premises	01	Nos

(B) Active Components (Schedule-G1)

Technical Specification for Firewall/UTM

SL No	Technical Specification	Make and Model and Part code	Compliance (Yes/No)
A	Hardware Specification		
	Minimum internal storage 400 GB SSD or higher for Logs on Appliance		
	Appliance must have 16 GB RAM or Higher		
	Firewall should have 2 or higher USB 2.0 / USB 3.0		
	Firewall should have Redundant Hot-Swappable PSU from day one		
B	Interface Requirement		
	Minimum 1 x Sync/HA interface, 1 x Management interface, 1 x Console interface shall be provided separately from day one		
	Minimum 4 x 10G SFP+ Slots populated with 4 x 10G optical transceivers SR/LR and 8 x 1G SFP slots populated with 4x 1G SFP SX from the same OEM from day one and 10x 1 G RJ45 ports.		
	4x 25GE/10GE slots, Populated with 2x 25GE/10GE Dual Rate SFP28 transceiver module, short range.		
C	Performance Capacity		
	Concurrent Sessions – Min. 8000000 (TCP 8 Million)		
	New Sessions/second - Min. 550000		
	Firewall Throughput - Min. 120 Gbps		
	IP SEC VPN Throughput - Min. 55 Gbps		
	Throughput after enabling all security modules: Min. 10.5 Gbps		
	IPS Throughput - Min. 14 Gbps		
	SSL Inspection Throughput – Min. 8 Gbps		
	NGFW Throughput- Min. 11.5 Gbps		
D	Next Generation Firewall Features		
	The proposed system should have firewall with stateful packet filtering technology & must support one-to-one and dynamic user-based NAT with a facility to create rules based on usernames, Source & Destination IP address, Hosts, network, IP Range		
	The firewall should support Dual stack IPV4 & IPV6 from day		

	one.		
	The firewall should give policy wise hit count and option to reset the same.		
	The Firewall shall be able to support various form of user Authentication methods simultaneously, including: Local Database, LDAP, RADIUS, TACACS+, Windows AD, Citrix & Terminal Server Agent support for Single Sign On		
	The firewall of the proposed system should be based on a hardened OS, should be capable of delivering network protection services at all layers along with options of network gateway level antivirus, anti-spam, intrusion detection and prevention, content filtering, multiple ISP load balancing, failover and VPN solutions.		
	The firewall should be able to support deployment in transparent mode, Bridge mode, layer 3 routing mode		
	The firewall of the proposed system should provide Predefined services based on port numbers and Layer 7 application and ability to create user-definable services which can be used to define firewall rules		
	Minimum 10 perpetual Virtual Firewall licenses to be provided with the solution from day one.		
	The proposed system must provide an inbuilt PPPoE client and should be capable to automatically update all required configuration (NAT Policies, VPN Configuration, Firewall Rules) whenever PPPoE IP get changed.		
	The system should support 2 forms of site-to-site VPN configurations: a) Route based IPSEC Tunnel b) Policy based IPSEC Tunnel		
	The system should support IPSEC site-to-site VPN and remote user IPsec VPN in transparent mode.		
	The system should provide IPv6 IPsec features to support secure IPv6 traffic in an IPsec VPN.		
	The firewall of the proposed system should support 802.1q based VLAN tagging to segregate devices logically		
	The proposed solution should have option to configure firewall policies to block or allow rules based on Country based Geolocation		
	The proposed solution must have a control mechanism to perform policy based control for Application, traffic shaping and visibility for Users, Groups, IP address & Network.		
	The proposed solution should be able to detect & block known applications like P2P & IM.		
	The proposed solution should provide guaranteed and burstable bandwidth for applications.		
	Should have Role based and multi factor authorization for Administration		
	Solution should have built in 2FA server from day one, incase any additional license required bidders need to quote separately.		
	The proposed solution should be able to detect & block known applications based on time schedule.		
	The Proposed solution should have an option to provide complete policy enforcement and visibility of roaming users and should restrict the remote user from disabling it.		
	Should have option to extend the organization policy framework d to the remote users and ideally it should control the Web and Application filter of remote user		
	The proposed solution should be able to alert on user activity outside business hours		

E	URL Filtering & Web Protection		
	Should support 70+ Web categories		
	Should support blocking of category-based HTTPS sites without having to provide the URL of the site to be blocked		
	Should support HTTPS transparent proxy		
	The proposed system should support browsing proxy and gateway mode simultaneously		
	The proposed solution should block HTTPS URLs with complete path instead of only sites names		
	The proposed solution should support regular expression in blocking of HTTPS sites		
	Web based management through https and command line interface support		
	Firewall should have capabilities to limit number of parameters in URL, number of cookies in request, number of headers lines in request, total URL and Body parameters in length to block advanced HTTP layer attacks.		
F	Application Filtering		
	The proposed solution should support Application Filtering in the same appliance.		
	The proposed solution should have an inbuilt Application category database.		
	The proposed solution should provide policy-based traffic shaping by application for User, Group, IP address & Network.		
	The proposed solution should be able to detect & block known applications like P2P & IM.		
	The proposed solution should have 4000 application signature		
	Firewall must include Anti-bot capability using IP reputation DB, terminates botnet communication to C&C servers also. The Vendor needs to add an additional license if it is required.		
G	Intrusion Prevention System		
	Intrusion Prevention system should be appliance based or integrated with the NGFW solution		
	The proposed IPS system should have signature and anomaly-based intrusion detection and prevention system		
	The proposed system should have configuration options to prevent all the common DOS and DDOS attacks like syn flood, ICMP flood, UDP flood, Ping of death. Real-time intrusion detection for minimum 10000+ signatures.		
	The IPS should be able to detect, respond to and alert any unauthorized activity. Product detects the attacks and the network misuse that represent risk to the customer.		
	NIDS shall be able to detect incidents that originate from inside the network perimeter as well as from outside the network perimeter and shall be able to take action on the basis of configured policies.		
	Support at least 10000+ or more signatures with online download support of newer signatures.		
	The proposed system should automatically update the attack signatures database from a central database server		
	In event if IPS should cease to function, it should fail open by default and be configurable so that crucial network traffic should not be blocked and Firewall should continue to operate while the IPS problem is being resolved		
H	Gateway Anti-Malware		
	Gateway level Anti Malware solution should be appliance based.		
	The proposed system should scan for viruses even for downloads from HTTPS sites		

	Proposed solution should be cloud based Anti-APT solution to scan for zero-day malwares		
	Firewall must include Anti-bot capability using IP reputation DB, terminates botnet communication to C&C servers also. The Vendor needs to add an additional license if it is required.		
	Firewall should have functionality of Content Disarm and Reconstruction (CDR) to remove all active content from attachment in real-time before passing it to the user.		
	Firewall should offer both anti-viruses scanning options - Proxy mode and Flow (streaming) mode.		
	Embedded Anti Malware support. Should have the option to automatically update the new virus pattern updates. Anti Malware should be supported for HTTP, HTTPS, FTP, POP3, SMTP, SMTPS (Port 465), SMTPTLS (Port 587), POP3. Anti Malware scanning should be signature based and should provide ZERO-day Anti Malware support.		
	Gateway level Anti Malware should provide high-performance protection against viruses in SMTP, SMTPS (Port 465), SMTPTLS (Port 587), POP3, HTTP, HTTPS and FTP traffic. It should block viruses and worms from penetrating into an organization's internal network through e-mail attachments, malicious Web pages, and files obtained through FTP.		
	Virus gateway should provide real-time detection of viruses and malicious code at the gateway for IMAP SMTP, SMTPS, SMTPTLS, POP3, HTTP, HTTPS and FTP Internet traffic.		
	The proposed solution should be licensed per unit as against per user.		
I	APT		
	The Proposed solution should Provide advance protection to prevent zero day threats, ransomware and evolving malware, Mobile Malware, Cloud Sandbox including Virus Outbreak and Content Disarm & Reconstruct, Application Control, Web & Video Filtering, Antispam, Security Rating etc.		
	The Proposed solution should analyze executable programs and documents like Microsoft Office files, PDF files, JAR, DLL, PE		
	NGFW should have cloud sandbox functionality to protect organizations from Advanced Persistent Threats. In case any additional license is required, the bidder has to include it in proposal from day one.		
	The Proposed solution should Provide threat analysis dashboard to provide insight of real time threats Dump and analyze network traffic even when encrypted with SSL/TLS		
J	Logging and Reporting solution		
	The proposed system should offer a dedicated appliance for reporting solutions.		
	The reporting solution should have at least 2TB of usable storage after enabling RAID.		
	The proposed system should provide individual users download & Upload data usage reports.		
	The proposed system should provide user and IP address-based reports.		
	The reporting solution of the proposed system should be able to provide detailed Audit log for auditing and tracking system		
	Traffic reports: availability, bandwidth usage per access circuit, bandwidth usage per application, latency, packet loss, QoS per access circuit etc.		
	Logging and reporting solutions must have ready-made report templates such as Top Users, Top Application, Top Destinations, Interface utilization per device per link, CPU and Memory usage of each device, malware / threat analysis report etc.		

K	Additional Point		
	During Technical evaluations or Prior to Price bid open, Bidders need to do 7-15 Days POC if asked; POC will be at our premises and during POC if found product is not complying with mentioned requirement than authorities have the right to reject the bid during technical evaluations.		
	Either OEM/Vendor should have PO copy of any UTM/L3 devices/ integrated solutions, from other AIIMS or similar Central Government/Autonomous institute/Hospital etc.		
L	Proposed solution should come from firewall appliance family which has at least ICSA labs certification		
M	Implementing Live Network Monitoring System with Advance Dash Board functionality to analyse entire network activities through a high-end CPU connected with Dual Monitors/TVs (Preferable 55") including LAN Networking/KVM Switch		

"Annexure-A"

Project feasibility study and compliance report for the tender notice for supply, installation, testing & commissioning, customizing of Firewall/UTM (Internal) Device at AIIMS Kalyani , West Bengal

To,
The Consultant IT
AIIMS Kalyani
NH -34 Connector, Basantapur,
Saguna, Kalyani, Pin Code: 741245,
West Bengal

Sub: Project feasibility study and Compliance Report after visit the site at AIIMS Kalyani, West Bengal for the tender notice for supply, installation, testing & commissioning, customizing of Firewall/UTM(Internal) Device at AIIMS Kalyani, West Bengal

Dear Sir,

This is to inform you that we have visited the project site on dated and we confirm that all the physical and infrastructural resources which are available in the project site are compiled for this project.

We confirm that all the tools and technical recourses which are required to complete the projects should be provides by the firm itself with its own expenses.

Name of the firm:

IT Consultant,
AIIMS Kalyani

Name of the Representative:

Mob No:
and stamp:
Email-Id:

Signature

Date:
Signature and stamp:

Date:

"Annexure-B"

(Financial Bid)

Tender Ref No: 2941/T-11011/3/21-(IT-Works)/Firewall / Internal

Note:

The price in the Financial Bid to be quoted per unit

The price to be quoted is inclusive of packing & forwarding, transit insurance, loading & unloading, labour charges and all other incidental charges up to delivery at Central Store, AIIMS Kalyani.

GST if applicable will be charged extra showing rate percentage separately against each item.

MRP (Maximum Retail Price) of Firewall/UTM Hardware Appliance as per the manufacturer (OEM).

Certificate:

1. I/We have gone through the Terms & Conditions as stipulated in the Tender enquiry document and confirm to accept and abide by the same.
2. No other charges would be payable by the Institute
3. That I/We shall supply the items of requisite quality and quantity as per PO placed.
4. That I/We undertake that the information given in this tender are true and correct in all respects

NAME OF WORK: Tender notice for supply, installation, testing & commissioning, customizing of Firewall/UTM(Internal) Device at AIIMS Kalyani, West Bengal

PRICE BID

Name of the Firm	
Address of the Firm	
GST Reg No.	
PAN NO:	
Phone/Mobile no.	
E-Mail ID	

SL no.	Description	Qty (Nos)	Unit Price (INR)	Total Price (INR)
	Firewall/UTM Hardware Appliance	1		
	3 Years license / subscriptions for Firewall / UTM device with warranty	1		
	Installation of the device in Customer premises	1		
	Gross Quoted Value			
	Add:- GST@18%			
	Net Quoted Value			

Place:

Signature of the bidder with seal.

Date:

E-Tendering Instructions to Bidder(s)

General. The Special Instructions (for e-Tendering) supplement ‘Instruction to Bidders’, as given in this TenderDocument. Submission of Online Bids is mandatory for this Tender. E-Tendering is a new methodology for conducting Public Procurement in a transparent and secured manner. Suppliers / Vendors will be the biggest beneficiaries of this new system of procurement. For conducting electronic tendering, AIIMS KALYANI has decided to use the portal <https://aiimskalyani.ewizard.in/> through an Application Service Provider.

Instructions.

1. **Tender Bidding Methodology.** Two Stage Online Bidding.
2. **Broad outline of activities from Bidders prospective:**
 - (a) Procure a Class III Digital Signature Certificate (DSC).
Register on the e-Procurement portal <https://aiimskalyani.ewizard.in/>
 - (b) Create Users on the above portal.
 - (c) View Notice Inviting Tender (NIT) on the above portal.
 - (d) Download Official Copy of Tender Documents from the above portal.
 - (e) Seek Clarification to Tender Documents on the above portal. View response to queries of bidders, posted as addendum, by AIIMS, Kalyani.
 - (f) Bid-Submission on the above portal.
 - (g) Attend Public Online Tender Opening Event (TOE) on the above portal - Opening of TechnicalPart.
 - (j) Post-TOE Clarification on the above portal (Optional) – Respond to AIIMS, Kalyani’s Post-TOE queries.
 - (k) Attend Public Online Tender Opening Event (TOE) on the above portal - Opening of Financial Part(Only for Technical Responsive Bidders).

For participating in this tender online, the following instructions are to be read carefully. These instructions are supplemented with more detailed guidelines on the relevant screens of the above portal.

3. **Digital Certificates.** For integrity of data and authenticity / non-repudiation of electronic records, and to be compliant with IT Act 2000, it is necessary for each user to have a Digital Certificate (DC), also referred to as Digital Signature Certificate (DSC), of Class III, issued by a Certifying Authority (CA) licensed by Controller of Certifying Authorities (CCA) [refer <http://www.cca.gov.in>].

4. Registration. To use the Electronic Tender portal <https://aiimskalyani.ewizard.in/> vendors need to register on the portal. Registration of each organization is to be done by one of its senior persons vis-à-vis Authorized Signatory who will be the main person coordinating for the e-tendering activities. In the above portal terminology, this person will be referred to as the Super User (SU) of that organization. For further details, please visit the website/portal, and follow further instructions as given on the site. Pay Registration Fee as applicable. (Rs. 2000 + GST as applicable)

***Note.** : After successful submission of Registration details and Annual Registration Fee, please contact to the Helpdesk of the portal to get your registration accepted/activated.*

(a) The Bidder must ensure that after following above, the status of bid submission must become - “Submitted”.

(b) Please take due care while scanning the documents so that the size of documents to be uploaded remains minimum. If required, documents may be scanned at lower resolutions say at 150 dpi. However, it shall be sole responsibility of bidder that the uploaded documents remain legible.

(c) It is advised that all the documents to be submitted are kept scanned or converted to PDF format in a separate folder on your computer before starting online submission.

(d) The Financial part/BOQ may be downloaded and rates may be filled appropriately. This file may also be saved in a folder on your computer. Please don't change the file names & total size of documents (Preferably below 5 MB per document) may be checked.

5. Bid submission. The entire bid-submission would be online on the Tender wizard portal i.e. <https://aiimskalyani.ewizard.in/>

6. Broad outline of submissions are as follows:-

(a) Submission of Bid Parts (Technical & Financial).

(b) Submission of information pertaining to Bid Security/ EMD.

(c) Submission of signed copy of Tender Documents/Addendums.

7. The TECHNICAL PART shall consist of Electronic Form of Technical Main Bid and Bid Annexure. Scanned/Electronic copies of the various documents to be submitted under the Eligibility Conditions, offline submissions, instructions to bidders and documents required establishing compliance to Technical Specifications and Other Terms & Conditions of the tender are to be uploaded.

8. The FINANCIAL PART shall consist of Electronic Form of Financial Main Bid and Financial Bid Annexure, if any. Scanned copy of duly filled price schedule (Section VII) for both packages are to be uploaded. If required, additional documents in support of taxes, quoted duties etc. may also be uploaded.

9. Public Online Tender Opening Event (TOE). The e-Procurement portal offers a unique facility for 'Public Online Tender Opening Event (TOE). Tender Opening Officers as well as authorized representatives of bidders can attend the Public Online Tender Opening Event (TOE) from the comfort of their offices. For this purpose, representatives of bidders (i.e. Supplier organization) duly authorized. Every legal requirement for a transparent and secure 'Public Online Tender Opening Event (TOE)' has been implemented on the portal. As soon as a Bid is decrypted, the salient points of the Bids are simultaneously made available for downloading by all participating bidders. The medium of taking notes during a manual 'Tender Opening Event' is therefore replaced with this superior and convenient form of 'Public Online Tender Opening Event (TOE)'. The portal a unique facility of 'Online Comparison Statement' which is dynamically updated as each online bid is opened. The format of the Statement is based on inputs provided by the Buyer for each Tender. The information in the Comparison Statement is based on the data submitted by the Bidders. A detailed Technical and / or Financial Comparison Statement enhance Transparency. Detailed instructions are given on relevant screens. The portal has a unique facility of a detailed report titled 'Online Tender Opening Event (TOE)' covering all important activities of 'Online Tender Opening Event (TOE)'. This is available to all participating bidders for 'Viewing/Downloading'. There are many more facilities and features on the portal. For a particular tender, the screens viewed by a Supplier will depend upon the options selected by the concerned Buyer.

Important Note. *In case of internet related problem at a bidder's end, especially during 'critical events' such as – a short period before bid-submission deadline, during online public tender opening event it is the bidder's responsibility to have backup internet connections. In case there is a problem at the e-procurement / e-auction service-provider's end (in the server, leased line, etc.) due to which all the bidders face a problem during critical events, and this is brought to the notice of AIIMSKALYANI by the bidders in time, then AIIMS, Kalyani will promptly reschedule the affected event(s).*

9. Other Instructions. For further instructions, the vendor should visit the home-page of the portal. The complete help manual is available in the portal for Users intending to Register / First-Time Users, Logged-in users of Supplier organizations. Various links are also provided in the home page.

Important Note.: *It is strongly recommended that all authorized users of Supplier organizations should thoroughly peruse the information provided under the relevant links, and take appropriate action. This will prevent hiccups and minimize teething problems during the use of the said portal.*

The following 'FOUR KEY INSTRUCTIONS for BIDDERS' must be assiduously adhered to: -

1. Obtain individual Digital Signature Certificate (DSC) well in advance of your first tender submission deadline on the portal.
2. Register your organization on the portal well in advance of your first tender submission deadline on the portal
3. Get your organization's concerned executives trained on the portal well in advance of your first tender submission deadline on the portal.

4. Submit your bids well in advance of tender submission deadline on the portal (There could be last minute problems due to internet timeout, breakdown etc.).

5. While the first three instructions mentioned above are especially relevant to first-time users on the portal, the fourth instruction is relevant at all times. Minimum Requirements at Bidders end Computer System with good configuration (Min P IV, 1 GB RAM, Windows XP) Broadband connectivity. Microsoft Internet Explorer, chrome etc. 8.0 or above. Digital Certificate(s) Vendors Training Program Necessary training to each registered bidder under this portal shall be impacted by the Application Service Provider, Kalyani, if required, before participation in the online tendering.

For any further assistance, please contact Mr. Saikat Pal (09355030620), Mr. Sk. Tariq Anwar (09355030608), Helpdesk-01149606060, E-mail ID for mailing communication:

eprochelpdesk.38@gmail.com , eprochelpdesk.35@gmail.com , ewizardhelpdesk@gmail.com

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