

ITI LIMITED
(A Govt. of India Undertaking)



EXPRESSION OF INTEREST (EOI):

“For selection of agency for the Project of Campus Wi-Fi Solutions Service for A Government University”

**EOI No.:- ITI/MSP/LKO/Wi-Fi/Campus-GU/01
2025**

Dated: 16-09-

AGM

ITI Limited, MSP-UP

ITI Bhavan, TC-18V, Vibhuti Khand Gomti Nagar, Lucknow- 226 010, India

Phone: (0522) 272-0301, 0302, 0305

Email: head_mspup@itiltd.co.in

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EOI NOTICE

EOI No. ITI/MSP/LKO/Wi-Fi/Campus-GU/01

Dated: 16-09-2025

ITI Limited invites ONLINE bid in TWO COVER STSTEM (Technical & Financial) from eligible bidders which must be valid for a minimum period of 120 days from the date of bid opening for following items:

Project Description	EXPRESSION OF INTEREST (EOI): “For the selection of an agency for provisioning & Maintenance of Wi-Fi Campus with AP (Access Point) with AAA, and Secure Internet”
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Interested parties may view and download the tender document containing the detailed terms & conditions at free of cost from the websites <https://itilimited.ewizard.in> or

The ONLINE bid is to be submitted on <https://itilimited.ewizard.in> only.

The helpdesk nos. for online bidding: 9355030617, 9355030618, 011-49606060

ITI LIMITED
(A Govt. of India Undertaking)



(Invited through e-Tendering mode only)

SUBJECT: EXPRESSION OF INTEREST “For the selection of an agency for provisioning & Maintenance of Wi-Fi Campus with AP (Access Point) with AAA, and Secure Internet”

We, as a Govt. of India Undertaking organization under the Ministry of Communication & IT, are engaged in ICT business along with other diversifying business areas.

This EOI/RFP/Tender is aimed at identifying suitable Commercial Organization as a ‘System Integrator (SI)’ having adequate strength in the above field.

The ‘Agency’ shall act as a Facilitator of ITI to execute the project in India. All mission critical activities would be managed and supervised by ITI through its experienced Managers and qualified Professionals in the respective areas.

With this vision and commercial objective, sealed bid is invited for the above-mentioned work. The ONLINE Technical and Financial proposals under Two Cover-System may be submitted by the Bidder(s) on the given portal. It is must for the bidders to meet the Eligibility Criteria as mentioned in the EoI/RFP/Tender document.

The interested parties may download the EoI/RFP/Tender document upon submission of EoI/RFP/Tender Document Cost from the website and the said cost may be submitted along with the bid at the time of submission of offer.

Few important points & timelines are being furnished hereunder.

Sl. No.	Important Points / Timelines	Details
1.	EOI / Tender Enquiry Authority	AGM ITI Limited, MSP-UP ITI Bhavan, TC-18V, Vibhuti Khand Gomti Nagar, Lucknow- 226 010, India Phone: (0522) 272-0301, 0302, 0305 Email: head_mspup@itilttd.co.in
2.	Contact Person for the Clarification of EOI /Tender Document	Shri. Altaf Khan Chief manager- Manager (MSPUP-Lucknow) Phone:7408095637 E-mail: altafkhan_mspup@itilttd.co.in
3.	Name of Assignment	EXPRESSION OF INTEREST (EOI) For selection of agency for provisioning & Maintenance of Wi-Fi Campus with AP (Access Point) with AAA, and Secure Internet
4.	Tender Reference No.	EOI No. ITI/MSP/LKO/Wi-Fi/Campus-GU/01 Dated: 16-09-2025

5.	Tender Type	Open Tender (2 Bid System)
6.	Tender Mode	ONLINE
7.	EOI Release Date	16-09-2025
8.	Last Date of Submission	20-09-2025 ; Till 11:00 Hrs.
9.	Date of Opening of Technical Proposals	20-09-2025 ; At 11:30 Hrs.
10.	Bids to be addressed to	AGM ITI Limited, MSP-UP ITI Bhavan, TC-18V, Vibhuti Khand Gomti Nagar, Lucknow- 226 010, India
11.	Location of Proposal Opening	ITI Limited , MSP-UP Office, Lucknow
12.	Name/ designation of the contact personnel	Shri Altaf Khan Chief manager- Manager (MSPUP-Lucknow) Phone:7408095637 E-mail: altafkhan_mspup@itilttd.co.in
13.	EOI Category	Works
14.	Estimated Value of the Tender	13.00 Crores
15.	Earnest Money Deposit	11,50,000.00(Through RTGS mode of payment)
16.	e-tender Processing Fee (non-refundable)	Rs.10,000.00 (Through RTGS mode of payment)
17.	Proposal Validity period	120 Days from the day of opening of the Proposal
18.	Contact Details of E-Wizard	Helpdesk (10:00AM to 6:00PM): 011-49606060

In order to get the clarity of the Scope of work / Terms & Conditions, the bidders are requested to go through the whole EoI/RFP/Tender document and other project related requirements carefully. An explicit understanding of the requirement is rather essential for arriving at commercial assessment by the prospective bidders.

The selected bidder who is to play the role of a 'SI' has to enter into a Contract with ITI Limited to forge a case-specific business alliance (under sole investment business model) for arranging the requisite bidding inputs.

This EoI/RFP/Tender is being issued with no financial commitment and the response to this EoI/RFP/Tender shall not be assumed as mandatory for short listing of the vendor for giving the work.

Name: Saurabh Shanker
Dept.: ITI MSPUP, Lucknow
Designation: Addl. GM (AGM)

Part I: Project Background

ITI Limited (ITI) is a Public Sector Undertaking which functions under the aegis of The Ministry of Communications and IT, Government of India.

We at **ITI Limited, MSPUP, Lucknow** (which is part of the ITI Limited Corporate Marketing Department located at Bangalore) are engaged in the business of Telecom / ICT and e-Governance projects implementation, Supply of Hardware and Software and the services related with these items.

ITI is interested in addressing some of the prospected business opportunities where it is strongly positioned by virtue of its 'PSU Status', proven 'Project Management Capabilities' and rich Relevant-Experience. ITI is looking for business association from reputed System Integrators/ OEMs who can assist ITI to win the business and ultimately help ITI in the execution of the project.

The objective of this Invitation for submission of bid is to identify a **System Integrators** to address a particular 'Business Opportunity' / a kind of 'Business Opportunity' which has emerged or under process to emerge **EXPRESSION OF INTEREST (EOI) "For selection of agency for provisioning & Maintenance of Wi-Fi Campus with AP (Access Point) with AAA, and Secure Internet" ITI/MSP/LKO/Wi-Fi/Campus-GU/01 ;Dated: 16-09-2025** which is to be responded with the submission of Techno-commercial Proposal / Bid as in alignment of end customer Guidelines and SOW, Terms & Conditions. The process that will be mutually agreed between the said Institute and ITI Limited.

The selected bidder who is to play the role of a 'Facilitator' has to enter in to a contract with ITI Limited to forge a case-specific business alliance for addressing the opportunity as per the guidelines and process set by the end customer.

During the bidding process, the vendor is supposed to provide the requisite Techno-commercial inputs to ITI as per the Requirements/Specifications/Expectations/Scope of Work of the prospective customer to win a commercial-favour in terms of award of order to ITI.

In the event of the award of an order to ITI, the selected business associate would act as a SI/ Vendor/Facilitator to implement the project for which a separate 'Purchase Order' would be placed on the selected Agency or ITI may follow the procedure as and guidelines as set by the end customer (the said Dept.).

Part II - PROCEDURE FOR SUBMISSION OF E-TENDER

The bidders are required to submit soft copies of their bid electronically on the ITI e-Wizard Portal using valid Digital Signature Certificates. Below mentioned instructions are meant to guide the bidders for registration on the e-Wizard Portal, prepare their bids in accordance with the requirements and submit their bids online on the ITI e-Wizard Portal. For more information, bidders may visit the ITI e-Wizard Portal <https://itilimited.ewizard.in/>

1. Registration Process on ONLINE Portal

- a) Bidders to enrol on the e-Procurement module of the portal <https://itilimited.ewizard.in/> by clicking on the link "Bidder Enrolment" as per portal norms.

- b) The bidders to choose a unique username and assign a password for their accounts. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the e-Wizard Portal.
- c) Bidders must provide the details of PAN number, registration details etc. as applicable and submit the related documents. The user id will be activated only after submission of complete details. The activation process will take minimum 24 working hours. After completion of registration payment, you can also send your acknowledgement copy on our help desk mail id ewizardhelpdesk@gmail.com for activation of your account.
- d) Bidders to register upon enrolment their valid Digital Signature Certificate (DSC: Class III Certificates with signing key and encryption usage) issued by any Certifying Authority recognized by CCA India with their profile.
- e) A bidder should register only one valid DSC. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others, which may lead to misuse. Foreign bidders are advised to refer “DSC details for Foreign Bidders” for Digital Signature requirements on the portal.
- f) Bidder then logs in to the site through the secured login by entering their user ID/password and the password of the DSC / e-Token.

2. Tender Document Search

- a. Various built-in options are available in the e-Wizard Portal to facilitate bidders to search active tenders by several parameters. These parameters include Tender ID, organization, location, date, value, etc.
- b. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, a form of contract, location, date, other keywords, etc. to search for a tender published on the Online Portal.
- c. Once the bidders have selected the tenders they are interested in, they may download the required documents/tender schedules. These tenders can be moved to the respective ‘Interested Tenders’ folder. This would enable the Online Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
- d. The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification/help from the Helpdesk.

3. Bid Preparation

- a. Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- b. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid.
- c. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that needs to be submitted. Any deviations from these may lead to rejection of the bid.
- d. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document/schedule and generally, they can be in PDF/XLS/PNG, etc. formats. Documents in PDF format with maximum Five (5) Mb file can be uploaded.

4. Bid Submission

- a. Bidder to log into the site well in advance for bid submission so that he/she uploads the bid in time i.e., on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- b. The bidder to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- c. Bidders must pay required payments (Form fee, EMD, Tender Processing Fee etc.) as mentioned before submitting the bid
- d. Bidder to select the payment option mode as specified in the Schedule (EMD/FORM FEE Section) to pay the form fee/ EMD wherever applicable and enter details of the instrument.
- e. A standard BoQ format has been provided with the tender document to be filled by all the bidders. Bidders to note that they should necessarily submit their financial bids in the prescribed format and no other format is acceptable.
- f. The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, the opening of bids, etc. The bidders should follow this time during bid submission.
- g. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data, which cannot be viewed by unauthorized persons until the time of bid opening.
- h. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- i. Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- j. Kindly have all relevant documents in a single PDF file.
- k. The off-line tender shall not be accepted and no request in this regard will be entertained whatsoever.

5. Amendment of bid document

At any time prior to the deadline for submission of proposals, the institutions reserve the right to add/ modify/ delete any portion of this document by the issuance of a Corrigendum, which would be published on the website and will also be made available to the all the Bidder who has been issued the tender document. The Corrigendum shall be binding on all bidders and will form part of the bid documents.

6. Instruction to Bidders

- a. Process for Bid submission through ITI E-wizard portal is explained in Bidder Manual. Bidders are requested to download Bidder Manual from the home page of website (<https://itiltd.euniwizarde.com>). Steps are as follows:

(Home Page \Rightarrow Downloads \Rightarrow Bidder Manuals)

- a. The tenders will be received online through portal <https://itilimited.ewizard.in/>. In the Technical Bids, the bidders are required to upload all the documents in .pdf format. Possession of Valid Class III Digital Signature Certificate (DSC) in the form of smart card/e-Token in the company's name is a prerequisite for registration and participating in the bid submission activities through <https://itilimited.ewizard.in/>. Digital Signature Certificates can be obtained from the authorized certifying agencies, details of which are available on the website <https://itilimited.ewizard.in/> under the link 'DSC help'.

- b. Tenderers are advised to follow the instructions provided in the 'User Guide and FAQ' for the e- Submission of the bids online through the ITI e-Wizard Portal for e-Procurement at <https://itilimited.ewizard.in/>.
 - c. The bidder has to “Request the tender” to portal before the “Date for Request tender document”, to participate in bid submission.
7. All entries in the tender should be entered in online Technical & Commercial Formats without any ambiguity.
 8. Any order resulting from this e-tender shall be governed by the terms and conditions mentioned therein.
 9. No deviation to the technical and commercial terms & conditions allowed.
 10. The tender inviting authority has the right to cancel this e-tender or extend the due date of receipt of the bids

ASSISTANCE TO BIDDERS

1. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
2. Any queries relating to the process of online bid submission or queries relating to e-tender Portal in general may be directed to the 12x7 Helpdesk Support.

The helpdesk nos. for online bidding: +91 9355030617, +91 9355030618, 011-49606060

Part III: General Terms and Conditions of EoI/RFP/Tender

The prospective bidders are advised to study the EoI/RFP/Tender document carefully. Submission of your offer/bid shall be deemed to have been done after careful study and examination of the EoI/RFP/Tender with full understanding of its implications. Failure to furnish all information required in the EoI/RFP/Tender Document or submission of an offer/bid not substantially responsive to EoI/RFP/Tender in every respect will be at the Bidder's risk and may result in its outright rejection.

1	Vendor of ITI	Order will be awarded to vendor only after acceptance of ITI Proposal by end customer and as per guidelines of end customer work order /agreement.
2	Non -transferable Offer	This EoI/RFP/Tender document is not transferable. Only those, who have purchased this offer document, are entitled to quote.
3	Only one Proposal	The Bidder should submit only one Bid/Offer/Proposal. If the Bidder submits or participates in more than one proposal, such proposals shall be disqualified.
4	Language of the Bid	All information in the Bid, correspondence and supporting documents, printed literature related to the Bid shall be in English.

		Failure to comply with this may disqualify a Bid. In the event of any discrepancy in meaning, the English language copy of all documents shall govern.
5	Clarification and Amendment in Tender	At any time before the submission of Proposals, ITI may amend the EoI/RFP/Tender document by issuing an addendum / corrigendum in writing or by standard electronic means. The addendum / corrigendum shall be sent to all contenders and will be binding on them. The Bidders shall acknowledge receipt of all amendments. To give bidders reasonable time in which to take an amendment into account in their Proposals ITI may, if the amendment is substantial, extend the deadline for the submission of Proposals.
6	Amendment to Bid	At any time prior to the deadline for submission of bids, the bidder may, for any reason, whether at its own initiative, or in response to a clarification requested by a prospective Bidder, submit the Revised Financial Bid.
7	Modification and Withdrawal of Bid	No bid may be withdrawn or modified in the interval between the bid submission deadline and the expiration of the bid validity period specified in Bid documents. Modification or Withdrawal of a bid during this interval will result in the forfeiture of its bid security.
8	Validity of Offer	The offer should be valid for a minimum period of 12 months from the date of submission. The Bids valid for a period shorter than specified period shall be rejected.
9	Prices	The prices quoted by the Bidder shall be FIRM during the performance of the contract and not subject to variation on any account. A bid submitted with an adjustable price quotation will be treated as non-responsive and rejected.
10	Deviation Clause	No Deviation from Specifications, Terms & Conditions of the tender is allowed. Quotations having deviation from our specifications, standard terms & conditions would be liable to be rejected.
11	Taxes and duties	The taxes and duties are to be clearly mentioned, if any.
12	Delivery schedule	As per Terms and Conditions of the tender or back-to-back with end customer's requirement.
13	Insurance	Insurance of material/equipment/etc covering loss or damage occurring while in transit from the supplier's stores until arrival at ITI/end customer's store will be scope of supplier.
14	Payment Terms	<ul style="list-style-type: none"> a) Payment shall be released to the vendor on back-to-back basis and on pro rata basis within 10 days after ITI has received its payment after the submission of necessary document like Vendor Invoice, receipt acknowledgement of goods by end user etc. b) Other Direct Expenses will be deducted from the payment of the vendor. Expenses like cost incurred by ITI towards EMD/PBG/BG/SD processing. c) The payment shall be done on the basis of actual supply/erection of material as certified by the end customer. d) No advance payment will be made during the execution of the project. In case ITI receives any advance payment, the same can be released to the vendor after submission of equivalent amount of additional BG valid till the completion

		of obligation for which payment has been released by the end customer.
15	Warranty and Comprehensive Annual Maintenance Contract (CAMC)	<p>a) Onsite comprehensive standard warranty for Three (03) year or back-to- back or as per end customer's requirement.</p> <p>b) CAMC, if awarded by the end Customer to ITI then the same shall be awarded to the successful declared bidder in this tender keeping the same percentage margin as calculated in this tender. CAMC to be done by the firm after the warranty period is over.</p>
16	Liquidated Damages (LD)	Liquidated Damages shall be levied on back- to-back basis i.e. ITI shall deduct from the payment on amount equal to the LD levied on ITI by the end customer.
17	Training	Training of customer officers/representatives will be the responsibility of the selected Bidders.
18	Acceptance Test Procedure (ATP)	<p>a) Vendor will conduct the Acceptance Test (AT) before handing over of the project(s) to ITI project executing division.</p> <p>b) The selected bidder will submit the following documents after the successful installation of the Project:</p> <ul style="list-style-type: none"> • The work/project completion certificate from the • Login ID & Passwords of installed system. • As built cable layout diagram with proper marking. • Training and operation Manual.
19	Damage to Properties	In case of any accident/damage to customer/end user properties by the vendor, full responsibility will be attributed to the vendor.
20	Contractual Period	ITI's Delivery date provided to ITI by customer. Delivery extension will be on back-to-back basis. The successful Bidder shall so organize his resources and perform his work as to complete it not later than the date agreed to.
21	Extension of Contract	On back-to-back basis.
22	Inspection Authority	All supplies will be subject to customer & ITI inspection. Vendor will have to produce the material delivery/receipt certificate certified by the customer along with its own delivery of material receipt.
23	Pre-Dispatch Inspection / Inspection Clause	Inspection may be done by ITI representative if required. ITI shall have free access to the supplier's works during testing and final inspection. Vendor shall inform Project Manager of ITI not less than one week in advance. All testing arrangements shall be the responsibility of the vendor. ITI reserves the right to inspect the material along with end customer or third party (if required) during manufacturing and/or before dispatch as per specifications and test protocols.
24	Tender Award Criteria	<p>Bidder offering the Highest Net Revenue Share to ITI i.e. lowest landing</p> <p>Cost of items to ITI shall be declared as the successful L1 bidder and the work shall be awarded to the successful declared (L1) bidder and through the procedure following guidelines of end customer.</p>
25	Tender Document Cost and Earnest Money	Tender Document Cost and Earnest Money Deposit (EMD) must be remitted through NEFT/RTGS/Net Banking. No interest shall be payable on the EMD.

	Deposit (EMD)	<p>The Bank Details of ITI Limited for NEFT/RTGS/Net Banking is asbelow:</p> <p>Beneficiary Name: ITI Limited</p> <p>Beneficiary Account Number: 3926008702000067 Beneficiary Bank IFSC Code: PUNB0619300 Beneficiary Bank Name: Punjab National Bank Beneficiary Bank Address: Vibhuti Khand, Gomti Nagar, Lucknow-226010, UP, India</p>
26	Performance Security	<p>The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the supplier's failure to complete its obligations under the contract (if signed). The performance security will be discharged by the Purchaser after completion of the supplier's performance obligations including any warranty obligations under the contract. The value of performance security shall be 5 % of contract value (issued to Business Associate/SI by ITI) or end-customer's performance security (as per order to ITI) whichever is lower.</p>
27	Consortium Bidding	NOT ALLOWED
28	Signing of the Bids	<p>The Bid must contain the name, residence and place of business of the person or persons making the Bid and having Power of Attorney and must be signed & submitted by the Bidder with his usual signatures. Satisfactory evidence of authority of the person signing the bid on behalf of the Bidder shall be furnished on non-judicial stamp paper of an appropriate value with the Bid in the form of a Power of Attorney, duly notarized by a Notary Public, indicating that the person(s) signing the bid have the authority to sign the bid and that the bid is binding upon the Bidder during the full period of its validity. All the pages of Bid document and supporting documents must be signed and stamped by the authorized signatory having Power of Attorney. Any interlineations, erasures or overwriting shall only be valid if they are initialed by the signatory (ies) to the bid.</p>
29	Submission of Tender	ONLINE AS PER Part II - PROCEDURE FOR SUBMISSION OF E-TENDER
30	Opening of Tender	<p>Technical bid will be opened on due date of tender opening.</p> <p>Note 1: The bidders or their authorized representatives may also be present during the opening of the Technical Bid, if they desire so, at their own expenses.</p> <p>Note 2: The technical bids will be opened and evaluated by a duly constituted committee. After evaluation of the technical bid, Price bids of only those bidders will be opened whose technical bids are found suitable. Date and time of opening of price bids will be decided after technical bids have been evaluated by the committee and will be intimated to technically qualified bidders.</p>
31	Rejection of Bid	<p>ITI reserves the right to reject any or all tenders/quotations/bids received or accept any or all tenders/quotation/bids wholly or in part. Further, ITI reserves the right to order a lesser quantity without assigning any reason(s) thereof. ITI also reserves the right to cancel any order placed on basis of this tender in case of strike, accident or any other unforeseen contingencies causing stoppage of production at ITI or to modify the order without liability for any compensation.</p>

		<p>In case an order is placed to the bidder by ITI based on the quotation/offer/bid submitted by the bidder is not executed by the bidder, ITI may buy the ordered goods/services from elsewhere at the risk and cost of the bidder and recover the additional amount that ITI may have to spend in procuring the stores plus 15% to cover the overhead & incidental expenses.</p> <p>Also, in case of default of service, if the amount of recovery is not sufficient to recover the cost and risk from the party against the PO, the differential amount, will be recovered or to be set off from any kind of outstanding from any other contract or Purchase order awarded to the vendor.</p>
32	Risk & Cost	<p>ITI may terminate the contract in whole or in part for the following reasons:</p> <ul style="list-style-type: none"> • If the bidder fails to deliver any or all of the goods/services within the period(s) specified in the contract/purchase order, or within the extension time granted by ITI. • If the bidder fails to perform any other obligation(s) under the contract/purchase order. • If the bidder has engaged in corrupt/fraudulent practices in completing/executing the work assigned to him. <p>ITI may, without prejudice to any other right or remedy available to it, by a three days' notice in writing, can terminate the contract as a whole or in part in default of the contract. ITI shall have the right to carry out the incomplete work by any means at the risk and cost of the bidder.</p>
33	Termination For Default	<p>In addition to rights to forfeiture of PBG and application of LD charges, on the cancellation of the contract in full or in part, ITI shall determine what amount, if any, is recoverable from the contractor for completion of the work or part of the works or in case the works or part of works is not to be completed, the loss or damage suffered by ITI. In determining the amount, credit shall be given to the contractor for the value of the work executed by him up to the time of cancellation, the value of contractor's material taken over and incorporated in work assigned as per the purchase order.</p> <p>“Corrupt practices” means the offering, giving, receiving or soliciting of anything of value to influence the action of public official in the procurement process or in contract execution.</p> <p>“Fraudulent practices” a misinterpretation of facts in order to influence the action of a public official in the procurement process or in contract execution and includes collusive bidding among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels to hamper free and open competition.</p>
34	Force Majeure	<p>Neither party shall bear responsibility for the complete or partial non- performance of any of its obligations, if the non-performance results from such Force Majeure circumstances i.e. Flood, Fire, Earth Quake, Epidemic and other acts of God as</p>

		<p>well as War, Military Operation, Blockade, Act or Actions of State Authorities that have arisen after signing of the present contract. Party invoking this clause shall serve notice of seven days along with the proof of occurrence of the force majeure event to the opposite party. At the time of cessation of such force majeure event a notice of the same shall also be served to the opposite party.</p> <p>In such circumstances, upon a written approval of ITI, the time stipulated for the performance of an obligation under the present contract will stand extended correspondingly for the period of time of action of these circumstances and their consequences. However, any such extension shall be given only if extension is granted by the ultimate buyer/ user.</p> <p>Parties at all times take reasonable steps within their respective powers and consistent with good operation practices (but without incurring unreasonable additional costs) to:</p> <ul style="list-style-type: none"> a) Prevent Force Majeure Events affecting the performance of the Company's obligations under this agreement; b) Mitigate the effect of any Force Majeure Event; and c) Comply with its obligations under this agreement. <p>Further if the period of Force Majeure event extends beyond three months* the parties may consider the fore closure of the agreement.</p> <p>* Period of three months may vary at the discretion of ITI as per the validity period of the contract.</p>
35	Arbitration	All disputes arising out of this contract shall be referred to the sole arbitration of MSP Head, ITI Limited, LUCKNOW or his nominee as per the provisions of Indian Arbitration and Reconciliation Act 1996. Decision of arbitrator shall be final and binding on both the parties.
36	Jurisdiction	This contract between the supplier and buyer shall be governed by the laws of India and this contract shall be taken up by the parties for settlement and orders only in Lucknow jurisdiction.
37	Other Terms and Conditions	
a	The Bidder(s) are required not to impose their own terms and conditions to the bid and if submitted, it will not be considered as forming part of their bids. The decision of ITI shall be final, conclusive and binding on the Bidder(s). In a nutshell, the Conditional Bid or Bid with deviations will be summarily rejected.	
b	The Bids/Offer of the Qualified bidders (who qualify the eligibility conditions) only would be subjected to the technical-evaluation.	
c	The bidder is expected to go through the Scope of work and Specifications. The bidders are to quote only fully compliant solution.	
d	The bidder may be required to study the existing system being used by the end-client to assess the exact requirements and the Quantum of work on "No-commitment" basis (no	

	commercial compensation would be given to the bidder either by ITI or the end-client for doing this exercise).
e	The exact strategy to address and win the business opportunity would be shared / discussed with the Best-Rated qualified bidder in due course of time.
f	The bidder is required to extend the requisite support during the evaluation by giving Technical Presentation / Demonstration / Arranging site visits (if required) on “No-Cost No-commitment” basis.
g	Any clarification issued by ITI in response to query raised by prospective bidders shall form an integral part of bid documents and it shall amount to an amendment of relevant clauses of the bid documents.
h	A clause-by-clause compliance statement to all Sections of the EoI/RFP/Tender document is to be submitted in the Technical Bid, demonstrating substantial responsiveness. A bid without clause-by-clause compliance statement to Eligibility Criteria of the EoI/RFP/Tender document, shall not be considered for evaluation and shall be summarily rejected.
i	The bidder should study carefully the document to assess the work and Risk factors associated with such type of Business opportunities.
j	<p>The bidder has to consider the following major Cost Factors while arriving at a commercial decision:</p> <ul style="list-style-type: none"> • Direct Cost (requisite, IT Hardware and Application Software) • Fiscal Cost • Logistic-Cost • Taxes/ Duties • Services and Administrative Cost • Training and Documentation Cost • Contingencies
k	The bidder should enclose the documents in their ‘ Technical Bid ’ & ‘ Commercial Bid ’ as specified in the tender documents.
l	Please note that if any document/authorization letter/testimonies are found fabricated / false/ fake, the bid will be declared as disqualified and EMD will be forfeited. This may also lead to the black-listing of the bidder.
m	All the required documents to establish the bidder’s eligibility criteria should be enclosed with the original bid/offer (Technical-Bid) itself. The EoI/RFP/Tender will be evaluated on the basis of the documents enclosed with the original bid/offer only. ITI will not enter into any correspondence with the bidder to get these certificates/ document subsequently. However, it reserves its right to get them validated/verified at its own.
n	Due to any breach of any condition by the bidder, the Bid Security (EMD) submitted by the bidder may be forfeited at any stage whenever it is noticed and ITI will not pay any damage to the bidder or the concerned person. The bidder or/and the person will also be debarred for further participation in future EoI/RFP/Tenders.
o	All suppliers (including small scale units who are registered with the National Small Scale Industries Corporation under Single point registration scheme) shall furnish Bid Security to the purchaser as per the requirement. As such no bidder is exempted to furnish the EMD.
p	The successful bidder’s bid security (EMD) will be discharged upon the bidder’s acceptance of ITI’s Order in due course of time and furnishing the Requisite Performance Security/Guarantee. The bid security of the unsuccessful bidder will be returned/ discharged within a month of the opening of the Bids.
q	Suitable ‘Training’ would have to be imparted to ITI personnel at Bidder’s cost in the areas of Installation, day to day Maintenance and Operation of entire system (in the event of placement of order by ITI). The training of the personnel shall be to ensure trouble free operations of the System/Equipment by the end customer.
r	The bidder is required to enclose Notarized Copy of the Power of Attorney from its Directors/Top management which should indicate clearly the name of the signatory and title.

	The Bidders must ensure that all the documents are sealed and signed by authorized signatory.
s	The Power of Attorney given to the Authorized Signatory should be submitted and executed on the non-judicial stamp paper of appropriate value as prevailing in the respective states(s) and the same be attested by a Notary public or registered before Sub-Registrar of the states(s) concerned.
t	“DISCOUNT, if any, offered by the bidders shall not be considered unless specifically indicated in the price schedule.
u	Sealed offer/bid prepared in accordance with the procedures enumerated above should be submitted to the Tenderer not later than the date and time laid down, at the specified address.
v	ITI shall not be responsible for any postal delay about non-receipt / non- delivery of the bid/documents. This EoI/RFP/Tender Document is absolutely not transferable.
w	The bid submitted may be withdrawn or resubmitted before the expiry of the last date of submission by making a request in writing to ITI to this effect. No Bidder shall be allowed to withdraw the bid after the deadline for submission of the EoI/RFP/Tender.
x	It is further stressed that synergies between ITI's competitors with the bidder or cartel Formation with other bidders would result in Disqualification of the Bidder.

I. Special Terms and Conditions of RFP/EoI/Tender:

1. The requirement is meant for addressing a business opportunity which has emerged from some Govt. body against their already published tender-Notification / Invitation for the submission of Bids/Quotes which envisages Implementation of Project.
2. The broad ‘Scope of Work’ would be as per the EoI/RFP/Tender Document. However, the exact Scope of Work will be intimated to the selected SI/Vendor in due course of time (once bidder is short-listed) for addressing the opportunity.
3. The bidder (in the capacity of a System Integrator) is supposed to address the business opportunity jointly with ITI under “Sole Investment Business Model”. This may include arranging Bid Security and Performance Bank guarantee etc. All ‘Terms and Conditions’ as per ITI’s customer with regard to Payment / Reward / Delivery/Penalty shall be applicable on the selected Business Associate /SI also (in the event of the award of the business to ITI by the end-customer). It may please be noted that ITI may open ‘Escrow Bank Account’ with the business associate (in the event of the award of the order to ITI).
4. The bidder must be prepared to work with ITI limited on exclusive basis and will neither submit any direct proposal (to the end-client) nor submit any business proposal (to the end-client) through other business partner/PSU. In case of violation of the same, the EMD shall be forfeited and the bidder will be black-listed.
5. Agencies should be willing to impart required training to ITI engineers for undertaking services & execution of project.
6. Agencies will be responsible for any short coming in the BOM and the same should be rectified free of cost.
7. Agencies should be willing to provide TOT for manufacturing of offered products in ITI if the bidder is an OEM.

8. Agencies should be willing to sign an exclusive agreement with ITI for smooth execution of the project.
9. Earnest Money Deposit (EMD) / Bid security required for submitting the bid will be borne by the selected agency.
10. All CVC circulars/ Statutory guidelines as applicable needs to be followed.
11. MSMEs/ Startups are eligible for turnover/ experience relaxation as per Government Rules.

II. EoI/RFP/Tender Rejection Criteria:

The EoI/RFP/Tender/Bid will be rejected in case any one or more of the following conditions are observed:

1. Bids received without Proof of Purchase of EoI/RFP/Tender Document and EMD as per requirement.
2. Bids which are not substantially responsive to the Invitation for EoI/RFP/Tender.
3. Incomplete or conditional EoI/RFP/Tender that does not fulfil all or any of the conditions as specified in this document.
4. Inconsistencies in the information submitted.
5. Misrepresentations in the bid proposal or any supporting documentation.
6. Bid proposal received after the last date and time specified in this document.
7. Unsigned bids, bids signed by unauthorized person (without a valid Power of Attorney).
8. Bids containing erasures or overwriting except as necessary to correct errors made by the Bidder, in which case such corrections shall be authenticated by the person(s) signing the bid.
9. Bid shall remain valid for the specified period from the date of opening of EoI/RFP/Tender prescribed by the purchaser. A bid valid for a shorter period shall be rejected by the purchaser being non-responsive.

III. Lowest-Bid (Best Qualified Bid) Evaluation Methodology:

- a. This EoI/RFP/Tender would be subjected to a Two Stage (Technical & Commercial) Evaluation Process. All the Bidders are requested to note the entire evaluation process carefully.
- b. Prior to the detailed evaluation, ITI will determine the substantial responsiveness of each Bid to the EoI/RFP/Tender Document. For the purpose of ascertaining the eligibility,
- c. A substantially responsive bid is one which confirms to all the terms and conditions of the EoI/RFP/Tender Document without deviations.
- d. The purchaser's determination of bid's responsiveness shall be based on the contents of the bid itself without recourse to extrinsic evidence.
- e. ITI may waive any minor infirmity or non-conformity or irregularity in the bid which doesn't constitute a material deviation, provided such waiver doesn't prejudice or effect the relative ranking of any bidder. The bids submitted by the Bidders would be subjected to a well-defined and transparent evaluation process.

- f. The Bids would be evaluated by a duly constituted Committee of ITI Limited, whose decision would be generally taken as final, unless the aggrieved party establishes any Prima facie errors in the findings of the Committee. In such a situation, he may file a representation within 3 working days of receipt of decision from ITI Limited, duly listing the reasons / grounds. Such a representation would be considered at Senior Management Level of the Tendering Authority, whose decision would be final and binding on all the bidders.
- g. The Bidders who have submitted the EoI/RFP/Tender Document cost & EMD will be considered for Technical Evaluation.
- h. In Technical Evaluation process, all the Technical Bids of the preliminary eligible bidders (as mentioned above) would be scrutinized thoroughly w.r.t. our EoI/RFP/Tender Document. The Bidders, who will qualify in the Technical Evaluation process, would be considered for Commercial Evaluation.
- i. In Commercial Evaluation process, all the Commercial Bids of the technically qualified bidders (as mentioned above) would be scrutinized thoroughly w.r.t. our EoI/RFP/Tender Document. The Bidder with **Least cost (L-1)** would be considered as a successful bidder against this EoI/RFP/Tender.
- j. ITI reserves the right to reject any or all bids without assigning any reasons thereof. It shall not be obligatory for ITI to award the work only to the lowest bidder.

PART IV- Documents to be submitted along with the “Technical Bid”:

The Bidder/System Integrator (SI) must submit the following documents along with their Technical Bid:

- 1. ANNEXURE-I: FINANCIAL INFORMATION**
- 2. ANNEXURE-II: STRUCTURE OF THE ORGANIZATION**
- 3. ANNEXURE-III: DETAILS OF TECHNICAL AND ADMINISTRATIVE PERSONNEL TO BE EMPLOYED FOR THE WORK**
- 4. ANNEXURE-IV : DETAILS OF ONSCREEN MARKING ACTIVITY WORK EXPERIENCE DURING LAST 5 YEARS**
- 5. ANNEXURE-V : DECLARATION BY THE BIDDER**
- 6. ANNEXURE-VI: FINANCIAL BID**
- 7. ANNEXURE-VII: BID COVERING LETTER**
- 8. ANNEXURE-VIII: BIDDERS PROFILE**
- 9. ANNEXURE-IX: UNDERTAKING AGAINST NON-BLACKLISTING**
- 10. ANNEXURE-X: DECLARATION**
- 11. ANNEXURE-XI: COMPLIANCE STATEMENT OF ELIGIBILITY CRITERIA**
- 12. ANNEXURE-XII: Bid Security Declaration**
- 13. ANNEXURE-XIII: DETAIL OF WORK EXPERIENCE**
- 14. ANNEXURE-XIV: FINANCIAL BID**
- 15. ANNEXURE-XV: FINANCIAL STRENGTH OF THE BIDDER**
- 16. ANNEXURE-XVI: FORMAT FOR PERFORMANCE BANK GUARANTEE**

In case, the bidders do not submit any of the above-mentioned papers/information along with Expression of Interest, his bid will be rejected and bid will not be considered for further evaluation.

It is reiterated that any bid not fulfilling any of the essential requirements mentioned in this EoI/RFP/Tender document would be classified as “Technically Non-Qualified/Non-Responsive” and Commercial bids of such bidders will not be opened and subsequently returned to the bidder. No relaxation would be given to any bidder on any of these conditions.

IV. Documents to be submitted along with the “Commercial Bid”:

The Bidder/Facilitator must submit the following documents along with their Commercial Bid:

1. Price Bid as per EoI/RFP/Tender Document format only (**Annexure-H**). No other format will be accepted.

Part V: PRE-QUALIFICATION CRITERIA

1. Legal Capacity of the Bidder

S. No.	Basic Requirement	Criteria	Supporting documents to be submitted
1	Bidder's Registration	The BIDDER cannot be an individual or group of individuals. It should only be a registered legal entity such as <ol style="list-style-type: none"> Company or its subsidiary registered under Companies Act, 1956/2013 or an equivalent law; or Limited Liability Partnership, Act 2008 or equivalent law applicable in any State of India; or Partnership firm registered under the Indian Partnership Act, 1932; 	a) Form as per Annexure B: Profile of the Bidder b) Copy of Certificate of Incorporation along with Memorandum and Articles of Association / Partnership Deed or similar legal document.
2	Operational Presence in India	The Bidder should have been in the business for last 5 (Five) Years as on the date of proposal submission. Exempted for the DPIIT as per Indian law	Detailed company profile and Past Experience

2. Financial Capacity of the Bidder

S. No.	Basic Requirement	Criteria	Supporting documents to be submitted
1	Company's Turnover:	Bidder should have an average annual financial turnover of minimum of Rs. 4.0 Crores on an average for the last three financial years as per the last published Income Statement (i.e., FY 2022-23, 2023-24, 2024-25). <i>In case the audited financial statements</i> Exempted for the DPIIT as per Indian law	a) Copies of the audited Balance sheets duly audited by the statutory auditors of the Company or Chartered Accountant. AND b) Certificate from Statutory Auditor or Chartered Accountant regarding turnover as asked in the clause. AND c) Form as per Annexure I : Financial Strength of the Bidder
2	Company's ITR	Bidder should submit the Income Tax returns for last three financial years should be submitted along with the tender. (i.e., FY 2022-23, 2023-24, 2024-25)	Copy of the Income Tax returns for last three financial years should be submitted along with the tender.

			(i.e., FY 2022-23, 2023-24, 2024-25)
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3. Technical Capacity of the Bidder

S. No.	Basic Requirement	Criteria	Supporting documents to be submitted
1	Work Experience:	<p>i. Experience of implementing minimum 01 (one) similar project (completed projects in last 3 years), where the end user should be a Central or State Government Dept. The minimum value of the project should be 10.4 Crore.</p> <p>ii. Experience of implementing minimum 02 (two) similar project (completed projects in last 3 years), where the end user should be a Central or State Government Dept. The minimum value of the project should be 6.5 Crore.</p> <p>iii. Experience of implementing minimum 03 (Three) similar project (completed projects in last 3 years), where the end user should be a Central or State Government Dept. The minimum value of the project should be 5.2 Crore.</p> <p>iv. Bidder should have an experience of successfully digitized Old Archives Records during the last 2 years.</p> <p>v. Exempted for the DPIIT as per Indian law</p>	<p>a) Copy of Work Order /Contract /Agreement AND</p> <p>b) Completion Certificate if any from the client AND</p> <p>c) Signed Form as per Annexure G: Detail of Work Experience</p>
2	Mandatory Undertakings	Undertaking regarding Blacklisting Bidders should not have been BLACK LISTED by any Govt. department/ PSU (State or Central)/ Autonomous Institution against our performance obligation in India and there has been no litigation with any government department on account of similar	Undertaking on a non-judicial stamp paper of Rs. 100/- certified by Notary as per Annexure C: Undertaking

		services for the last 3 years.	
3	Registrations	The bidder should have a registered number of following: - <ul style="list-style-type: none"> • PAN • GST 	Supporting documents should be submitted.
4	Certification	The Bidder should hold valid certification of ISO 9001:2008/ ISO27001:2013/ISO 20000-1:2018 & CMMI 3 standards and above.	Supporting documents should be submitted.

Active Components OEM (T&C)

1	OEM Turnover Criteria: The minimum average annual financial turnover during the last three years, ending on 31st March of the previous financial year of the active components OEM (Switches, AP, WLAN/ FW) of the offered product, should be more than or equal to 100 Corers. 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. The OEM of active component must be registered in India for more than 15 Years or above, copy registration must be submitted.
2	The bidder must have a registered firm as per companies act 2013 (as on 31/3/2024). Kindly attach the Certificate of Incorporation and profile of the company along with PAN and GST.
3	The bidders should not have been blacklisted by Central or State Govt. The Quoted OEM by the bidder should also not have been blacklisted in last Five years.
4	OEM Experience Criteria: The OEM product for active components must have been installed in at least 10 Central Government/State Government/PSU/BFSI in last 5 Years or higher. An undertaking in this regard from the proposed OEM duly signed and stamped by the authorised signatory from OEM shall be furnished by the bidder.
5	Imported Products: In case of imported products, OEM or authorized seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
6	The OEM of the offered product must have valid ISO 9001, ISO 27001, ISO 27017/27018, ISO 14001 certification
7	Financial Criteria - Net Worth: Net Worth of the OEM should be positive as per last audited financial statement.
8	Escalation Matrix for Service Support: OEM must provide Escalation Matrix of Telephone Numbers for service support.
9	All Quoted products must be from same OEM
10	All Transceivers being quoted must be from same OEM
11	All Quoted products must be Warranted for 3 Years

PART-VI “Scope of Work”

This engagement encompasses the comprehensive implementation of an enterprise-grade Wi-Fi network infrastructure, including all requisite hardware, software, licensing, and professional services necessary for full deployment. The bidder shall supply, install, configure, and commission a unified wireless architecture designed to support high-density user environments, featuring 160 indoor and 36 outdoor Wi-Fi access points. The solution must include a centralized wireless controller operating in high-availability mode, multi-gigabit Power over Ethernet++ (PoE++) switching infrastructure, next-generation firewall, and redundant uninterruptible power supply systems. Implementation requires integration through a newly deployed fiber optic backbone and structured CAT6A cabling infrastructure to ensure robust connectivity and future scalability.

The technical architecture shall implement a multi-layered design philosophy with distinct access, distribution, core, control, and security layers. The access layer will consist of strategically placed Wi-Fi access points across academic blocks, administrative buildings, hostels, and outdoor areas. The distribution layer will utilize multi-gigabit PoE++ switches for device power and data aggregation, while the core layer will feature high-availability switches for traffic routing. The security architecture must implement WPA3-Enterprise authentication, captive portal access, and comprehensive VLAN segmentation to isolate academic, guest, supported by next-generation firewall protection and AAA authentication services.

Post-commissioning obligations include full system optimization through RF tuning, comprehensive performance validation testing, and provision of complete operational documentation. The Contractor shall provide role-based administrative training and implement a centralized, SNMP-based network monitoring dashboard for proactive system management. The entire solution must be designed to scale from supporting 300+ concurrent users to 3,000 users without architectural modification, ensuring long-term viability and operational efficiency. The Contractor shall provide a 36-month comprehensive warranty on all components and offer a renewable annual maintenance contract including software updates and technical support.

Any material required beyond the quantities specified in the approved Bill of Materials (BoM) shall be considered additional. Such materials, if supplied and installed upon written approval from the Administration of University, shall be billed separately at the rates mutually agreed upon or as per the unit rates quoted in the financial bid.

Project Management

- Managing the lifecycle of the deployment work including: -
- Co-ordination with all parties involved.
- Relevant documentation and reporting.
- Project reviews & updates.
- Deployment Reconciliation activities.
- Project communications.
- Tentative Architecture Block Diagram
- The tentative architecture block for deploying Wi-Fi solution
- Fig: Architecture overview for deploying Wi-Fi solution

Bill of Materials (BoM) – Indexed

S. No.	Detail* Description	Qty.
1	Layer 3 24 x GE/10GE SFP/SFP+ slots and 2 x 100GE QSFP28. Dual AC power supplies Core Switch (Detail as per mentioned Specification)	2
2	Layer 3 Distribution Switch Layer 2/3 Fort iGATE switch with 24x GE SFP and 4x 10GE SFP+ Uplink ports. Dual AC power supplies. (Detail as per mentioned Specification)	6
3	Layer 2 Access with 24 Port and 4x10G SFP+ switch PoE+/FPoE (Detail as per mentioned Specification) - Type 1	30
4	Indoor Wireless AP - (Wi-Fi-7 IEEE Tri-band 2.4/5/6GHz 2+2+2 2 streams 3 radios), internal antennas, 100/1000/2500/5000 Base-T RJ45, BT/BLE, 1x RS-232 RJ45 Serial Port.	160
5	Outdoor Access Point Tri-Radio 5 GHz + 2.4 GHz + scanning 2 5G antenna + 2 2.4G antenna + 1 dual band antenna + 1 single band 2.4 Ghz BLE/Zigbee, minimum 2x 10/100/1000 Base-T RJ45, 1x RS-232 RJ45 Serial Ports.	36
6	1G Transceiver Long Range SFP (SX)	140
7	10G Transceiver Short Range SFP (LX)	60
8	NGFW + WLAN Control with at least 8x 10 GE SFP+, 8x 5GE RJ45, 10x GE RJ45, 4xGE SFP	2
9	24 core Optical Fiber Single Mode Cable	3500 Mts.
10	12/24 Port Rack Mountable LIU LC Type Fiber Patch Panel	75
11	Optical Fiber Equipment Cords - LC-LC Duplex	5000 Mts.
12	Unshielded twisted Pair Category 6A Cable LSZH Cable	2500 Mts.
13	Optical Fiber Pigtail – LC type 1 Meter	250
14	Unshielded twisted Pair Category 6A loaded Patch Panel - 24 & 8 Port	As actual per
15	Unshielded twisted Pair Category 6A Keystone Jack	As actual per
16	Face Plate with Back Box for Category 6A Jack	As actual per
17	Unshielded twisted Pair Category 6 LSZH Patch Cord - 1 Mtr & 2 Mtr	500
18	40mm HDPE Pipe with accessories	1500 Mts.
19	LC - LC Single Mode Fibre Patch Cord 3/5 meters	250
20	42U Equipment/Networking Rack: Fully loaded with all accessories	1
21	17U Equipment/Networking Rack: Fully loaded with all accessories	30
22	Category 6 UTP	3000 Mts.
23	Category 6 24 PORT PATCH PANEL	50
24	Category 6 UTP PATCH CORDS	20
25	Category 6 INFORMATION OUTLET	20
26	25MM MS Conduit Pipe with accessories	1500
27	1 KVA online UPS	30
28	7.5 KVA online UPS	2
29	Resident Engineer (1 L3, 4 L2) - Annually Billed	5
30	Support and Maintenance (24*7) - (1 L3, 4 L2) – Annually Billed	Annually
31	Installation and Commissioning	1
32	Network Setup and configurations	1
33	Miscellaneous (Any other cost not mentioned above)	1

Note: All materials shall be calculated based on Access Point quantities with a +15% buffer, you'll want to include this in both the Scope of Work and Bill of Materials (BoM) sections. s

*** - All equipment/products/software shall include 3 years warranty**

Core Switch:

S. No.	Specification Core Switch
1	Should have 24x GE/10GE SFP+ ports and 2x 40GE / 100GE QSFP+ / QSFP28 ports, 1RU
2	Should have 880Gbps of Switching capacity or more
3	Should have 1309 Mpps of Packets Forwarding or more
4	Should have 64K or more MAC address table
5	Should have 4K or more VLAN support
6	Should support atleast 24 Link Aggregation, 8 Queues, 8GB Memory, 32MB Flash, 8GB SSD
7	Dual hot swappable AC Power Supply,
8	The Ethernet switch being proposed must be a Secure Access switches deliver a Secure, Simple, Scalable Ethernet solution with outstanding security, performance and manageability for threat.
9	Switch should support in-built network access control feature to bounce all the devices by default in onboarding VLAN and based on the devices matching with the specified criteria devices should be assigned to a specific VLAN.Criteria: a.MAC address, b. hardware vendor, c. device family, d. device type, e. device operating system and user group. In case, above mentioned functionality is not in-built in the switch bidder can provide additional required hardware and software resources of same OEM whose switches are proposed to meet the mentioned functionality.
10	Switch should support simple management access i.e. without the need for local management clients (HTTPS preferred)
11	Switch should have option to allow administrators to quarantine hosts and users connected to a Switch via GUI. Quarantined MAC addresses should be isolated from the rest of the network and LAN. In case, above mentioned functionality is not in-built in the switch above can provide additional required hardware and software resources of same OEM whose switches are proposed to meet the mentioned functionality.
12	Should have management protocol that allows Gateway/Perimeter Security Appliance to seamlessly manage any Ethernet Switch
13	Switch should support SNMP for polling of system statistics, SNMP traps, SNMP MIB download from GUI
14	Should log all authentication events Locally and to Syslog Server
15	Should support backup of the full system configuration via the GUI
16	Should support a local user database
17	Should have built-in tcpdump-like tool and log collecting functionality
18	Should support REST API for configuration and monitoring
19	Should support auto-ranging power supply with input voltages between 100 and 240V AC
20	Should support jumbo frames
21	Should support link auto-negotiation
22	Should support Spanning Tree Protocol, STP Root Guard, BPDU Guard
23	Should support Edge Port / Port Fast
24	Should support IEEE 802.1p Mapping to priority queue and VLAN tagging
25	Should support IEEE 802.3ad Link Aggregation with LACP
26	Should support load balancing algorithms with Link Aggregation
27	Should support MLAG (MultiChassis Link Aggregation)
28	Should support Auto Discovery of Multiple Switches from central management system
29	Should support 802.1x MAC-based authentication

S. No.	Specification Core Switch
30	Should support MAC Authentication Bypass (MAB)
31	Should support load balancing algorithms with Link Aggregation
32	Should support virtual wire
33	Should support full line rate without traffic oversubscription
34	Should support Time-Domain Reflectometry (TDR) Support, this will be used for testing cable systems and able to detect and pinpoint issues
35	Should support telnet/SSH
36	Should support SNMP
37	Should support firmware download via TFTP/FTP/GUI
38	Should support Policy-Based Routing from central management system
39	Should support Policy Control of Users and Devices from central management system
40	Should support Black listing and White Listing of MAC address from central management system
41	Should support Storm Control
42	Should support LoopGuard
43	Should support IGMP snooping
44	Should support DHCP snooping and DHCP relay
45	Should support Port mirroring
46	Should support security checks
47	Should support port MAC limit
48	Should support MAC-IP binding
49	Should support static MAC
50	Should support Dynamic ARP Inspection
51	Should support Sticky Mac
52	Should support IEEE 802.1p Based Priority Queuing
53	Should support packet classification, packet marking, packet queuing
54	Should support 802.1p, TOS/DSCP for priority queueing
55	Should support strict scheduling mode, Round Robin (RR), Weighted Round Robin (WRR)
56	Should support policer
57	Should support QoS per VLAN
58	Should support Dynamic Routing Protocols OSPFv2, RIPv2, VRRP, BGP, ISIS
59	Should support Bidirectional Forwarding Detection (BFD) and VRRP
60	Should support IP Conflict Detection and Notification
61	Should have Certification & Compliance - FCC, CE, RCM, VCCI, BSMI, UL, CB, RoHS2

Distribution Switch

S. No.	Specification Distribution Switch
1	Should have Layer 2/3 FortiGate switch with 24x GE SFP and 4x 10GE SFP+ Uplink ports.
2	Should have 128Gbps of Switching capacity or more
3	Should have 190 Mpps of Packets Forwarding or more
4	Should have 32K or more MAC address table
5	Should have 4K or more VLAN support
6	Should support atleast 24 Link Aggregation, 8 Queues, 1GB DDR4 Memory, 256MB Flash
7	Dual Redundant AC Power Supply,
8	The Ethernet switch being proposed must be a Secure Access switches deliver a Secure, Simple, Scalable Ethernet solution with outstanding security, performance and manageability for threat.
9	Switch should support in-built network access control feature to bounce all the devices by default in onboarding VLAN and based on the devices matching with the specified criteria devices should be assigned to a specific VLAN.Criteria: a.MAC address, b. hardware vendor, c. device family, d. device type, e. device operating system and user group. In case, above mentioned functionality is not in-built in the switch bidder can provide additional required hardware and software resources of same OEM whose switches are proposed to meet the mentioned functionality.
10	Switch should support simple management access i.e. without the need for local management clients (HTTPS preferred)
11	Switch should have option to allow administrators to quarantine hosts and users connected to a Switch via GUI. Quarantined MAC addresses should be isolated from the rest of the network and LAN. In case, above mentioned functionality is not in-built in the switch above can provide additional required hardware and software resources of same OEM whose switches are proposed to meet the mentioned functionality.
12	Should have management protocol that allows Gateway/Perimeter Security Appliance to seamlessly manage any Ethernet Switch
13	Switch should support SNMP for polling of system statistics, SNMP traps, SNMP MIB download from GUI
14	Should log all authentication events Locally and to Syslog Server
15	Should support backup of the full system configuration via the GUI
16	Should support a local user database
17	Should have built-in tcpdump-like tool and log collecting functionality
18	Should support REST API for configuration and monitoring
19	Should support auto-ranging power supply with input voltages between 100 and 240V AC
20	Should support jumbo frames
21	Should support link auto-negotiation
22	Should support Spanning Tree Protocol, STP Root Guard, BPDU Guard
23	Should support Edge Port / Port Fast
24	Should support IEEE 802.1p Mapping to priority queue and VLAN tagging
25	Should support IEEE 802.3ad Link Aggregation with LACP
26	Should support load balancing algorithms with Link Aggregation
27	Should support MCLAG (MultiChassis Link Aggregation)
28	Should support Auto Discovery of Multiple Switches from central management system

S. No.	Specification Distribution Switch
29	Should support 802.1x MAC-based authentication
30	Should support MAC Authentication Bypass (MAB)
31	Should support load balancing algorithms with Link Aggregation
32	Should support virtual wire
33	Should support full line rate without traffic oversubscription
34	Should support Time-Domain Reflectometry (TDR) Support, this will be used for testing cable systems and able to detect and pinpoint issues
35	Should support telnet/SSH
36	Should support SNMP
37	Should support firmware download via TFTP/FTP/GUI
38	Should support Policy-Based Routing from central management system
39	Should support Policy Control of Users and Devices from central management system
40	Should support Black listing and White Listing of MAC address from central management system
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45	Should support Port mirroring
46	Should support security checks
47	Should support port MAC limit
48	Should support MAC-IP binding
49	Should support static MAC
50	Should support Dynamic ARP Inspection
51	Should support Sticky Mac
52	Should support IEEE 802.1p Based Priority Queuing
53	Should support packet classification, packet marking, packet queuing
54	Should support 802.1p, TOS/DSCP for priority queueing
55	Should support strict scheduling mode, Round Robin (RR), Weighted Round Robin (WRR)
56	Should support policer
57	Should support QoS per VLAN
58	Should support Dynamic Routing Protocols OSPFv2, RIPv2, VRRP, BGP, ISIS
59	Should support Bidirectional Forwarding Detection (BFD) and VRRP
60	Should support IP Conflict Detection and Notification
61	Should have Certification & Compliance - FCC, CE, RCM, VCCI, BSMI, UL, CB, RoHS2

Access Switch

S. No.	Specification Access Switch
1	Switch should have 24 x RJ-45 Full POE
2	Switch should have 4x SFP+ 1/10GbE ports to work with 1/10G SFP transceivers
3	Switch should provide 128 Gbps of switching capacity
4	Switch should provide 190 Mpps of throughput
5	Switch should have a capacity of 16k MAC
6	Switch should be in the form of 1RU with 19" Rackmount
7	The Ethernet switch being proposed must be a Secure Access switches deliver a Secure, Simple, Scalable Ethernet solution with outstanding security, performance and manageability

S. No.	Specification Access Switch
	for threat.
8	Switch should support in-built network access control feature to bounce all the devices by default in onboarding VLAN and based on the devices matching with the specified criteria devices should be assigned to a specific VLAN.Criteria: a.MAC address, b. hardware vendor, c. device family, d. device type, e. device operating system and user group. In case, above mentioned functionality is not in-built in the switch bidder can provide additional required hardware and software resources of same OEM whose switches are proposed to meet the mentioned functionality.
9	Switch should have option to allow administrators to quarantine hosts and users connected to a Switch via GUI. Quarantined MAC addresses should be isolated from the rest of the network and LAN. In case, above mentioned functionality is not in-built in the switch above can provide additional required hardware and software resources of same OEM whose switches are proposed to meet the mentioned functionality.
10	Switch should provide traffic prioritization (IEEE 802.1p) allows real-time traffic classification into priority levels mapped to queues
11	Switch should provide layer 4 prioritization based on TCP/UDP port numbers
12	Switch should provide class of service (CoS) sets the IEEE 802.1p priority tag based on IP address, IP Type of Service (ToS), Layer 3 protocol, TCP/UDP port number, source port, and DiffServ
13	Switch should provide Rate limiting sets per-port ingress enforced maximums and per-port, per-queue minimums
14	Should have management protocol that allows Gateway/Parametric Security Appliance to seamlessly manage any Ethernet Switch
15	Switch should support IEEE 802.1s Multiple Spanning Tree provides high link availability by allowing multiple spanning trees; provides legacy support for IEEE 802.1d and IEEE 802.1w
16	Switch should support IEEE 802.3ad link-aggregation-control protocol (LACP) and port trunking support up to 26 static, dynamic, or distributed trunks with each trunk having up to eight links (ports) per static trunk
17	Switch should support SNMPv1, v2, and v3 provide complete; support of industry-standard Management Information Base (MIB) plus private extensions; SNMPv3 supports increased security using encryption
18	Switch should support dual flash images provide independent primary and secondary operating system files for backup while upgrading
19	Switch should support custom port names to allow assignment of descriptive names to ports
20	Switch should have a PoE Power Budget of min 400 W, for connecting Access Points
21	Switch should have VLAN support and tagging supports IEEE 802.1Q (4,094 VLAN IDs) and 512 VLANs simultaneously
22	Switch should support jumbo packets to improves the performance of large data transfers; supported frame size of up to 9,220 bytes
23	Switch should support Rapid per-VLAN spanning tree (RPVST+) to allows each VLAN to build a separate spanning tree to improve link bandwidth usage; is compatible with PVST+
24	Switch should support DHCP server to centralize and reduces the cost of IPv4 address management
25	Switch should support static IP routing to provide manually configured routing
26	Switch should use an IEEE 802.1X supplicant on the client in conjunction with a RADIUS server to authenticate in accordance with industry standards

S. No.	Specification Access Switch
27	Switch should support multiple IEEE 802.1X users per port to provide authentication of multiple devices on a single port; which will prevent a user from piggybacking on another user's IEEE 802.1X authentication
28	Switch should support RADIUS/TACACS+ to ease switch management security administration by using a password authentication server
29	Switch must have option to ping using Switch serial number instead of the Switch IP address.
30	Switch should support in-built network access control feature to bounce all the devices by default in on boarding VLAN. And Based on the devices matching with the specified criteria devices should be assigned to a specific VLAN. Criteria: a.MAC address, b. hardware vendor, c. device family, d. device type, e. device operating system and user group. If bidder not supported in-built they should include all the required hardware and software resources.
31	Switch should support secure shell encryption for all transmitted data for secure remote CLI access over IP networks
32	Switch should support Secure Sockets Layer (SSL) encryption for all HTTP traffic, allowing secure access to the browser-based management GUI in the switch
33	All the solution should be managed by the central manager which can manages 1000 devices which includes AP and Switches and if central management is unavailable it must have capability to get managed through proposed firewall itself.
34	Security functionalities allowed to be extended till the access port. Proposed Firewall, Endpoint Security, Core & access Switches, Access points should preferably from single OEM in case of multiple OEM's solution integration to be built by bidders.
35	Switches should be capable of providing visibility to the devices connected in to the connected ports
36	Switch must support Operating Temperature 0°C to 50°C from Day 1
37	Certification & Compliance - FCC, CE, RCM, VCCI, BSMI, UL, CB, RoHS2

Indoor Wireless AP

S. No.	Specification for Indoor Access point (with Omni Directional External Antennas from Day 1)
1	Indoor Wireless AP - (Wi-Fi-7 IEEE Tri-band 2.4/5/6GHz 2+2+2 2 streams 3 radios), internal antennas, 100/1000/2500/5000 Base-T RJ45, BT/BLE, 1x RS-232 RJ45 Serial Port.
2	Must have the Tri-radio option to support radio1 as 2.4 GHz and radio2 as 5 GHz devices and radio 3 as 2.4GHz/5 GHz for frequency scanning.
3	Should have 6 x2 Dual band Wi-Fi + x2 6GHz band Wi-Fi + x1 BLE/ ZigBee antenna + x1 GPS antenna
4	Should have minimum x1 100M/1000M/2.5G/5.0G Multigigabit Ethernet (RJ45) x1 RS-232 RJ45 Serial Port
5	AP should support 15.2 W - PoE input and 14.3 W - 12V DC power supply, Low Voltage Directive * RoHS.
6	Should support Wave 2x2 MU-MIMO
7	The access Point should support throughput in Radio 1: up to 688 Mbps, Radio 2: up to 2.88 Gbps, Radio 3: Up to 5.76 Gbps
8	Should support Peak antenna gain of minimum 5.5 dBi in 2.4 GHz and 7.2 dBi in 5 GHz band, BLE antenna: 5.0 dBi in 2.4 GHz band With PCB patch GPS active antenna: 2.2dBi antenna
9	Access point should support SSID's in Tunnel, Bridge, Split-Tunnel and mesh mode.

S. No.	Specification for Indoor Access point (with Omni Directional External Antennas from Day 1)
10	Should support 8 Simultaneous SSIDs, must have hardware based Trusted Platform Module
11	Should support following EAP types : EAP-TLS, EAP-TTLS/MSCHAPv2, EAPv0/EAP-MSCHAPv2, PEAPv1/EAP-GTC, EAP-SIM, EAP-AKA, EAP-FAST
12	Access point should support IEEE standards 802.11a, 802.11b, 802.11d, 802.11e, 802.11g, 802.11h, 802.11i, 802.11j, 802.11k, 802.11n, 802.11r, 802.11v, 802.11w, 802.11ac, 802.11ax (Wi-Fi 6), 802.1Q, 802.1X, 802.3ad, 802.3af, 802.3at, 802.3az, 802.3bt, 802.3bz
13	Should Support per Radio Capacity Up to 512 clients per radio (Radio1, Radio2 and Radio3)
14	Must Support User or Device Authentication like - WPA™, WPA2™, and WPA3™ with 802.1x or Preshared key, WEP, Web Captive Portal, MAC block list and allow list
15	Should support mounting options of Wall and Pole mounting kit with all the accessories must include with box. If not quote all mounting kit.
16	Access point should support below Wireless Monitoring Capabilities
17	a) Rogue Scan Radio Modes should support both background and dedicated
18	b) WIPS / WIDS Radio Modes should support both background and dedicated
19	c) should support Spectrum Analyser
20	d) should support Packet Sniffer Mode
21	Must support Reliable Multicast Video to maintain video quality
22	Must support QoS and Call Admission Control capabilities.
23	Access point should have static option to mention 3 controller IP address to discover the controller for redundancy.
24	The access point must support wireless mesh to eliminate the need for Ethernet wiring by connecting Wi-Fi access points to the controller by radio.
25	Aps must have two Ethernet port that operates as a WAN port to provide management connection to a WiFi Controller and another LAN to provide a wired network access.
26	Should support Local AP diagnostic web portal, Command line (CLI) directly to access point.
27	Access point Operating Temperature should be: -40–140°F (-40°C - 50°C)
28	Access point must include power supply 802.3bt PoE, injector.
29	Access point should support IP67 rating and Mean Time Between Failures > 10 Years.
30	Access point should support Surge Protection Built In.
31	All Access points, Switches, Firewall, Secure Controller, Authenticator/RADIUS Server, NAC etc. must be preferably from same OEM

Outdoor Wireless AP

S. No.	Specification for Outdoor Access point (with Omni Directional External Antennas from Day 1)
1	The Access Point should support 802.11ax wifi-6 standard, built-in on board Security functions like Application control and Web filtering
2	Must have the Tri-radio option to support radio1 as 2.4 GHz and radio2 as 5 GHz devices and radio 3 as 2.4GHz/5 GHz for frequency scanning.
3	Should have Tri-Radio 5 GHz + 2.4 GHz + scanning 2 5G antenna + 2 2.4G antenna + 1 dual band antenna + 1 single band 2.4 Ghz BLE/Zigbee
4	Should have minimum 2x 10/100/1000 Base-T RJ45, 1x RS-232 RJ45 Serial Port,
5	AP should support 25 W without PSE out and 37.9 W with PSE out POE power.

6	Should support Wave 2x2 MU-MIMO
7	The access Point should support throughput in Radio 1: up to 574 Mbps, Radio 2: up to 1202 Mbps + scanning
8	Should support Directional patch antenna Dual band antenna Scanning radio: 3.5 dBi in 2.4 GHz band and 4.5 dBi in 5 GHz band BLE antenna: 3.5 dBi in 2.4 GHz band. 2.4GHz Horizontal BW 70 degree Vertical BW 30 degree and 5.0GHz Horizontal BW 78 degree Vertical BW 25 degree
9	Access point should support SSID's in Local-Bridge, Tunnel, and Mesh.
10	Should support 8 Simultaneous SSIDs, Bluetooth scanning and iBeacon advertisement @ 10 dBm max TX power
11	Should support following EAP types : EAP-TLS, EAP-TTLS/MSCHAPv2, EAPv0/EAP-MSCHAPv2, PEAPv1/EAP-GTC, EAP-SIM, EAP-AKA, EAP-FAST
12	Access point should support IEEE standards 802.11a, 802.11b, 802.11d, 802.11e, 802.11g, 802.11h, 802.11i, 802.11j, 802.11k, 802.11n, 802.11r, 802.11v, 802.11w, 802.11ac, 802.11ax (Wi-Fi 6), 802.1Q, 802.1X, 802.3ad, 802.3af, 802.3at, 802.3az, 802.3bt, 802.3bz
13	Should Support Up to 512 clients per radio (Radio1 and Radio2)
14	Should support mounting options of Wall and Pole mounting kit with all the accessories must include with box. If not quote all mounting kit.
15	Access point should support below Wireless Monitoring Capabilities
16	a) Rogue Scan Radio Modes should support both background and dedicated
17	b) WIPS / WIDS Radio Modes should support both background and dedicated
18	c) should support Spectrum Analyzer
19	d) should support Packet Sniffer Mode
20	Must support Reliable Multicast Video to maintain video quality
21	Must support QoS and Call Admission Control capabilities.
22	Must Support User or Device Authentication like - WPA™, WPA2™, and WPA3™ with 802.1x or Preshared key, WEP, Web Captive Portal, MAC blocklist and allowlist
23	Access point should have static option to mention 3 controller ip address to discover the controller for redundancy.
24	The access point must support wireless mesh to eliminate the need for Ethernet wiring by connecting WiFi access points to the controller by radio.
25	Aps must have two Ethernet port that operates as a WAN port to provide management connection to a WiFi Controller and another LAN to provide a wired network access.
26	Should support Local AP diagnostic web portal, Command line (CLI) directly to access point.
27	Access point Operating Temperature should be: -40–140°F (-40°C - 60°C)
28	Access point must include power supply 802.3bt PoE, injector.
29	Access point should support IP67 rating and Mean Time Between Failures > 10 Years.
30	Access point should support Surge Protection Built In.
31	All Access points, Switches, Firewall, Secure Controller, Authenticator/RADIUS Server, NAC etc. must be preferably from same OEM

NGFW + WLAN

S. No.	Specifications of Perimeter Secure Device with WLAN Controller
1	The NGFW & SWC should be Hardware based, Reliable, purpose-built security NGFW & WLAN Controller appliance with hardened operating system that eliminates the security risks associated with general-purpose operating systems and should have dual internal power supply from day one. SWC Controller must support atleast 256 or higher

	Access Points from day 1
2	The Proposed Vendor must be present in Leader's Quadrant of Gartner Magic Quadrant for Enterprise Wired & Wireless.
3	SWC appliance should have at least 8x 10 GE SFP+, 8x 5GE RJ45, 10x GE RJ45, 4xGE SFP
4	SWC device Should have Throughput of at least 25 Gbps
5	SWC appliance should support minimum 35 Gbps or higher for VPN throughput
6	SWC appliance should support 2000 site-to-site & at least 16000 or higher client to site VPN Tunnels.
7	SWC appliance should support minimum 500 concurrent SSL VPN users and SSL VPN Throughput of 3 GBPS and SSL Inspection throughput of at least 7 GBPS.
8	SWC device must support 400,000 or higher new sessions per second
9	SWC device must support at least 11 Million concurrent sessions or higher
10	SWC should have minimum Latency equal or less than 4μs
11	The SWC device solution must support minimum 7 Gbps of SWC (FW + IPS + AVC) throughput for Mix / production traffic
12	The SWC device solution must minimum 6 Gbps of Threat Prevention (FW + IPS + AVC + AV) throughput for Mix / production traffic or higher from day 1
13	Should have built in Virtual WAN architecture & functionality to leverage any combination of transport services — including MPLS, LTE and broadband internet services
14	The SWC solution should support NAT64, NAT46, DNS64 & DHCPv6
15	The proposed system should have integrated Traffic Shaping functionality.
16	The SWC & IPSEC VPN module shall belong to product family which minimally attain Internet Computer Security Association (ICSA) Certification.
17	The proposed system should support signatures should a severity level defined to it so that it helps the administrator to understand and decide which signatures to enable for what traffic (e.g. for severity level: high medium low)
18	b) PPTP VPN
19	c) L2TP VPN
20	The device shall utilize inbuilt hardware VPN acceleration:
21	a) IPSEC (DES, 3DES, AES) encryption/decryption
22	b) SSL encryption/decryption
23	The system shall support the following IPSEC VPN capabilities:
24	a) Multi-zone VPN supports.
25	b) IPSec, ESP security.
26	c) Supports NAT traversal
27	d) Supports Hub and Spoke architecture
28	e) Supports Redundant gateway architecture
29	The system shall support 2 forms of site-to-site VPN configurations:
30	a) Route based IPSec tunnel
31	b) Policy based IPSec tunnel
32	The system shall support IPSEC site-to-site VPN and remote user VPN in transparent mode.
33	The system shall provide IPv6 IPSec feature to support for secure IPv6 traffic in an IPSec VPN.

34	Virtualization
35	The proposed solution should support Virtualization (Virtual SWC, Security zones and VLAN). Minimum 10 Virtual license (VDOM) should be provided from Day1.
36	Intrusion Prevention System
37	IPS throughput should be minimum 25 Gbps for Mix / Production traffic or higher from Day 1
38	The IPS detection methodologies shall consist of:
39	a) Signature based detection using real time updated database
40	b) Anomaly based detection that is based on thresholds
41	The IPS system shall have at least 15,000 signatures
42	IPS Signatures can be updated in three different ways: manually, via pull technology or push technology. Administrator can schedule to check for new updates or if the device has a public IP address, updates can be pushed to the device each time an update is available
43	In event if IPS should cease to function, it will fail open by default and is configurable. This means that crucial network traffic will not be blocked and the SWC will continue to operate while the problem is resolved
44	IPS solution should have capability to protect against Denial of Service (DOS) and DDOS attacks. Should have flexibility to configure threshold values for each of the Anomaly. DOS and DDOS protection should be applied, and attacks stopped before SWC policy look-ups.
45	IPS signatures should have a configurable action like terminate a TCP session by issuing TCP Reset packets to each end of the connection, or silently drop traffic in addition to sending a alert and logging the incident
46	Signatures should a severity level defined to it so that it helps the administrator to understand and decide which signatures to enable for what traffic (e.g. for severity level: high medium low)
47	Antivirus
48	SWC should have integrated Antivirus solution if not please quote separate appliance
49	The proposed system should be able to block, allow or monitor only using AV signatures and file blocking based on per SWC policy based or based on SWC authenticated user groups with configurable selection of the following services:
50	a) HTTP, HTTPS
51	b) SMTP, SMTPS
52	c) POP3, POP3S
53	d) IMAP, IMAPS
54	e) FTP, FTPS
55	The proposed system should be able to block or allow oversize file based on configurable thresholds for each protocol types and per SWC policy.
56	Web Content Filtering
57	The proposed system should have integrated Web Content Filtering solution without external solution, devices or hardware modules.
58	The proposed solution should be able to enable or disable Web Filtering per SWC policy or based on SWC authenticated user groups for both HTTP and HTTPS traffic.
59	The proposed system shall provide web content filtering features:
60	a) which blocks web plug-ins such as ActiveX, Java Applet, and Cookies.
61	b) Shall include Web URL block
62	c) Shall include score-based web keyword block
63	d) Shall include Web Exempt List

64	The proposed system shall be able to queries a real time database of over 110 million + rated websites categorized into 70+ unique content categories.
65	Application Control
66	The proposed system shall have the ability to detect, log and take action against network traffic based on over 3000 application signatures
67	The application signatures shall be manual or automatically updated
68	The administrator shall be able to define application control list based on selectable application group and/or list and its corresponding actions
69	The vendor should have their own threat intelligence center for all security services and don't depend on a third party for security update
70	Standards-based secure authentication which works to deliver secure two-factor authentication to any third-party device capable of authentication via RADIUS or LDAP
71	SWC must have integrable hardware appliance which can be deployed in minutes to secure access to your existing network infrastructure
72	The System should support minimum 1500 Local Users + Remote Users and scalable to 3500 from Day 1
73	Should support atleast 10 User Groups or more
74	The appliance should have a managability over CLI and Console and HTTPS.
75	The system should support SNMP v1 / v2c / v3.
76	Should support atleast 5 SYSLOG Servers.
77	The system should support atleast 10 numbers of Static-Routes
78	Integrates with existing solutions such as LDAP or AD servers to lower the cost and complexity of adding strong authentication to your network
79	Support for E-mail and SMS tokens enables rapid deployment of two-factor authentication without the need for additional dedicated hardware
80	Support for Certificate Authority functionality to simplify the CA management and to deliver user certificate signing, VPN, or server x.509 certificates for use in certificate-based two-factor authentication
81	Should Support Single Sign-On (SSO) Transparent User Identification with zero impact for enterprise users
82	SSO Portal based authentication with tracking widgets to reduce the need for repeated authentications
86	Solution should provides full controls of all resource secrets through administrator-defined central policies. These must include options for automatic password changes after check-in. Solution must implement a hierarchical approval system and control risky commands.
87	Solution should have single agent which work with quoted Firewall SSL VPN agent so that multiple agent is not required at endpoint
88	Should support SAML SP/IdP Web SSO
89	Monitoring of Carrier RADIUS Accounting Start records
90	Proposed solution should form a part of centralized intelligence grid as of network firewall, web application firewall and switches Solution seamlessly share threat intelligence across different vectors as dedicated security platform and must provide these intelligence to centralized management and analysis engine.
91	Security grid must have automation capability to create key stitches using integratons out of the box for firewalls, web application firewall and switches which should be monitored basis regular triggers to provide automated action capability.

92	Proposed solution should have native integration with proposed NGFW, Web application firewall and endpoint security solution as authenticator source and must enforce second factor of authentication to ensure zero trust network access.
93	High Availability
94	The proposed system shall have built-in high availability (HA) features without extra cost/license or hardware component
95	The device shall support stateful session maintenance in the event of a fail-over to a standby unit.
96	High Availability Configurations should support Active/Active or Active/ Passive
97	Logs and Report
98	Should have 480 GB of SSD Drive Capacity for logging and reporting if not please quote separate appliance
99	Real-time display of information allows you to follow real-time trends in network usage such as the source IP address and the destination URL for HTTP traffic.
100	All accessories required for deployment of the product in HA should be provided by the bidder.
101	SWC must support: NAT64, NAT46, DHCPv6 and DNS64 from day one for seamless transition between IPv4 and IPv6.
102	SWC must support bi-directional communication with dedicated on-premises/cloud based sandboxing solution to share unknown/zero-day content and receive threat intelligence from Sandbox for automated mitigation of attacks. But it should be from same OEM.
103	SWC solution should support custom IPS signatures and should also have at-least CVE IPS 15,000 signatures or higher from Day 1.
104	SWC solution should provide protection with security engines like protocol decoders, anomaly detection and should have rate based, pattern based, behavioural based and support for custom defined signatures. It should also ensure defence against exploits and vulnerabilities.
105	Individual SWC appliances and the Centralized Management and Logging solution should have GUI based management solution from the same OEM.
106	The solution proposed should support in-built Multiple Security Groups provided by the same OEM.
107	The solution proposed should be latest and should not have been declared end-of-life from the date of commissioning. An undertaking from OEM needs to be provided for the same.
108	Operating system of SWC solution must support: USGv6 / IPv6, FIPS-140-2, Common criteria EAL4.
109	SWC solution should support IPv4 - VPN and IPv6 - VPN feature.
110	The Centralized reporting and logging solution should be able to provide IoC intelligence, Threat Out Break alerts and should be able to provide automated response against triggered incidents. The Central manager with SWC appliance must be able to manage all active devices like – SWC (WLAN Controller), Indoor Access Points, Outdoor Access Points, Ethernet Switches and existing Perimeter Gateway Security device.
111	All Components of central Security platform should work together as a team to share policy, threat intelligence, and application flow information.
112	The bidder will be responsible for installing and configuring the appliances in HA at the respective locations or if SWC can be integrated with existing Gateway . The bidder should further ensure seamless transition of security and access policies from existing solutions to the new setup, through appropriate technical solution and implementation strategy.

10G / 1G Transceiver Short Range SFP (SX)

Sr. No.	Features
1	Standard Compliance: IEEE-802.3ae 10GBASE-SR/LR
2	Form Factor: SFP+
3	Distance Capacity: Up to 10 km (Single-Mode)
4	Features: Hot Pluggable, MSA Compliant, RoHS Compliant
5	Compliant with IEEE802.3ae & 802.3aq IEEE 802.3z standard
6	Connector: Duplex LC
7	Wavelength: 1310 nm (Single-Mode)
8	Cable Type: Single-mode 9/125 um fiber (Single-Mode)
9	DDM (Digital Diagnostics Monitoring) Supported
10	Operating Temperature: 0 to 70 °C, Storage Temperature: -40 to 85 °C
11	Operating Humidity: 0 to 85%.
12	Certifications & Requirements
13	EMI & Safety: CE, FCC, UL.

24 core Optical Fiber Single Mode Cable

Sr. No.	Features
1	The fiber is optimized for operation at minimum 1310 nm & at 1550 nm.
2	The Fiber should be Armoured 24 core multitube 9/125 µm SM fiber with central loose tube jelly compound, Glass Yarns in between Steel Tape & Loose Tube.
3	Fiber cable Single Mode. Suitable for Indoor/Outdoor (Duct) Local Area Network Systems.
4	Corrugated steel Tape Armoured
5	Fiber type 9/125 / G.652D & Refractive Index 1.4670/1.4675
6	Fiber should follow Standard ISO 11801, IEC 60793-1/60794-1-2 & ITU-T-REC G.652D
7	Testing methods are in accordance with the following standard Telecordia : GR-20 Core, ISO : 11801
8	Jacket material HDPE,
9	Thickness of the Jacket: 1.8 + 0.2 mm, Outer diameter 9 ± 0.3 mm
10	Should have 3000N/100mm Crush Load (IEC 60794-1-2-E3).
11	Bend Radius (IEC 60794-1-2-E11 & E6) Short Term 20D in mm & Long Term 10D in mm.
12	Pulling Tension: Short Term 2000N, Long term 1000N pulling tension (IEC 60794-1-2-E1).
13	Mode field diameter 9.2µm ±0.5, Clad Diameter 125µm ±1.0
14	Dispersion At 1285 - 1330nm ≤3.5 ps/nm.km, Dispersion At 1550nm ≤18.0 ps/nm.km
15	PMD value ≤0.2 (ps/km)
16	Maximum Attenuation at 1310nm ≤0.36 dB/km, Maximum Attenuation at 1550nm ≤0.22 dB/km.
17	Cabled Cutoff Wavelength ≤1260 nm.
18	The Fiber Operating Temperature – 20 deg C to +60 deg C
19	OEM should have a registered office in India & directly present for last 20 years in India & globally, from date of RFP publication.
20	OEM International certification for the ISO 45001, ISO 9001, ISO 14001 & ISO 14064-1.

21	OEM shall have its own Service Center, Call Center, Lifetime Email/Chat Support, & WhatsApp Support System in India. Relevant documents must be provided along with the bid.
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12/24 Port Rack Mountable LIU LC Type Fiber Patch Panel

Sr. No.	Features
1	12, 24, 48 port Loaded LIU accommodate Simplex/Duplex LC Single mode adapters.
2	Aluminum base Material with Powder Coating for light mounting
3	Adapter panel - Cold Steel, 1.5mm Thickness
4	Rubber fiber slotted bracket built-in, metal splice shelf to protect the fibers
5	4 Fiber spools Built-In for 900um tight buffered Fiber Storing
6	Shall be Capable of Storing 3 Meters of 900um tight buffered fiber per adapter.
7	Snap-in locker design, easy to change adapter panels for various connector patching
8	Accessory kit consists of cable ties, mounting ear screw & spiral wrap tube, cable saddle.
9	Fiber patch Panel should have fiber magic sticker provision inside for 900um tight buffered fiber storing
10	Fiber patch Panel should have Front-Mounted Cable Saddles for jumper management
11	Fiber patch Panel should Can include adapter panels for maximum 48LC, 48SC, 36ST or 36FC terminations
12	Fiber patch Panel should have Removable Front & top covers for better access to interior of LIU
13	Fiber patch Panel should have Removable Rubber grommet to allow for pre-terminated fiber trunk installation, protects cable & minimizes dust build-up.

Optical Fiber Equipment Cords - LC-LC Duplex

Sr. No.	Features
1	Optical fiber patch leads shall comprise of Single mode 9/125µm fiber with LC-LC fiber connectors terminated at each end. The optical fiber patch leads shall be compatible with industry standards (EIA/TIA/IEC/ANSI/Equivalent).
2	Adopts high precision ceramic ferrule with good concentricity.
3	100% inspected for optical characteristics & fiber end face finish.
4	Low insertion loss & return loss, clean & scratch-free end faces.
5	Good performance endurance under changing circumstances.
6	9/125µm Single mode, Duplex Type
7	Pre-radiuses & pre-polished ferrule
8	Insertion Loss <0.3 db , Return Loss >= 50dB for UPC
9	Repeatability ≤ 0.2dB 1000 times Mating Cycle
10	Working Temperature -10°C ~+70°C, Storage Temperature -20°C ~+70°C

Unshielded twisted Pair Category 6A Cable LSZH Cable

S. No.	Features
1.	Category 6A Unshielded Twisted 4 pair compliant with ANSI/TIA/EIA-568-C.2 & ISO/IEC 11081.
2.	Should support 10GBASE-T (10-Gigabit Ethernet) standard.
3.	Category 6A should operate on bandwidth up to 500MHz.
4.	Category 6A can run 10GBASE-T at 100 meters.
5.	Mechanical Characteristics
6.	The conductors twisted in pairs with four pairs & Insulation high density polyethylene.
7.	Copper conductor diameter 23 AWG.
8.	Cable outer sheath LSZH.
9.	Cable outer diameter 7.5 mm nominal.
10.	Electrical Properties
11.	Conductor Resistance: $\leq 9.38\Omega/100m$
12.	Mutual Capacitance: $< 5.6nF/100m$
13.	Resistance Unbalance: 5% Max
14.	Delay Skew: $< 45nS$
15.	Characteristic Impedance: $100 \pm 15\Omega$
16.	Mechanical Properties
17.	Bending Radius 8 x cable diameter.
18.	Operating temperature Range $0^{\circ}C$ to $+60^{\circ}C$
19.	Need to submit transmission characteristics report per 100 meter. The report at least includes Maximum Attenuation, RL, NEXT & PSNEXT data.
20.	Note
21.	Cable box require in 305 meter length.
22.	OEM for the cable Box & all copper Accessories from same OEM.
23.	OEM International certification for the ISO 45001, ISO 9001, ISO 14001, & ISO 14064-1.
24.	OEM Indian based operation & Passive Products portfolio at least for a period of 10 years or higher.
25.	Bidder required to be furnished the Manufacturers Authorisation Form (MAF)/Certificate along with the bid. MAF require from OEM with OEM details such as name, designation, address, e-mail Id & Phone No.
26.	OEM shall have its own Service Center, Call Center, Lifetime Email/Chat Support, & WhatsApp Support System in India. Relevant documents must be provided along with the bid.
27.	OEM for the cable Box & all copper Accessories from same OEM.

Optical Fiber Pigtail – LC type 1 Meter

Sr. No.	Features
1	Provide a field installable Single mode LC pigtails to terminate fiber optic cables from cable-to-cable, cable-to- equipment & equipment-to-equipment.
2	Utilize a UPC polishing on the tip to provide high yield during installation.
3	Meet TIA/EIA 568.C.3 standards for repeatability.
4	Buffer diameter 900um Tight buffer, Minimum bend Radius: Install :30mm, Retention Strength: 20N, Cable: 900um Buffered
5	Insertion Loss (Max) <0.3 db Max, Return Loss >= 50 db for UPC
6	Connector ferrule Ceramic, SC Type Simplex Type, Cable Color Yellow
7	Repeatability ≤ 0.2dB 200 times Mating Cycle
8	Working Temp. -10 deg. C to + 70 deg. C, Storage Temp. -20 deg. C to + 70 deg. C.

Unshielded twisted Pair Category 6A loaded Patch Panel - 24 & 8 Port

Sr. No.	Features
1	Category 6A UTP Patch Panel should be 24 Port 1U Size.
2	Mounts in standard 19 inch racks.
3	Patch panel should have cable manager for improvement management.(S)
4	Patch panel should be made from SPCC & 1.5mm or higher thickness with black colour painted.
5	Panel: ST12,T=1.6mm, Powder Coating
6	Support Bar: ST12,T=1.6mm, Powder Coating
7	Panel Frame: PPO UL94V-O
8	OEM for the cable Box & all copper Accessories should be from same OEM.

Unshielded twisted Pair Category 6A Keystone Jack

Sr. No.	Features
1	Category 6A keystone jacks are RJ45, 8 position 8 contact socket.
2	Category 6A keystone jacks are suitable for 22-26 AWG stranded & solid wire.
3	Category 6A keystone jacks are compatible with both 110 & Krone punch down tools.
4	The Category 6A keystone jacks shall be backward compatible with Category 6, & 5e cords & cables.
5	The Category 6A keystone jacks shall be of a universal design supporting T568 A & B wiring.
B	Mechanical Characteristics
1	Category 6A keystone jacks housing made from PC, UL94V-2
2	RJ45 Jack contact material should be phosphor bronze with Nickel plated.
3	IDC contact material should be phosphor bronze with tin plated.
4	OEM for the cable Box & all copper Accessories should be from same OEM.

Face Plate with Back Box for Category 6A Jack

Sr. No.	Features
1	Face Plate should be able to terminate one Cat 6A keystone jack.
2	Face plate material should be ABS with white colour.

3	The face plates should have inbuilt shutter for protection against dust.(S)
4	Face plate should be able to supply with label holder.
5	Screw & screw hole covers to be supplied with face plate.
6	Should supplied with suitable back box. It should be made from HIPS / High plastic material.
7	OEM for the cable Box & all copper Accessories should be from same OEM.

Unshielded twisted Pair Category 6 LSZH Patch Cord - 1 Mtr & 2 Mtr

Sr. No.	Features
1	Category 6A patch cords with four pair twisted cable terminated with RJ45 modular plugs at both the ends.
2	Patch Cord should have TIA/EIA 568C.2 standard.
3	Shall be backward compatible with Category 5e & Category 6 systems.
4	Category 6A patch cord should be 100% factory made & performance tested.
5	Category 6A patch cord length requires – 1 meter & 2 meter.
6	Performance Characteristics
7	Patch cord conductor should be 24 AWG, multi-strands.
8	Patch cord conductor metal should be made from bare copper.
9	Jacket material should be LSZH.
10	Heat resistance of patch cord should be 75° Celsius.
11	Modular Connector/Plug Characteristics
12	Patch cord plug should be 50U gold plated.
13	Contact blade of plug should be made from copper alloy.
14	Category 6A patch cord plug should have maximum 500 MΩ, 1000V DC/min insulation resistance.
15	Dielectric withstanding voltage should be 1000V DC/min, <0.5A.
16	Note
17	OEM for the cable Box & all copper Accessories should be from same OEM.

17U Equipment/Networking Rack: Fully loaded with all accessories

Sr. No.	Features
1	Depth adjustable mounting slots for verticals provide the better mounting flexibility maximizing the usable mounting space
2	Openings/Cut outs for field cable entry from Top & Bottom of the Rack.
3	Provision to mount the cooling fans on the top panel(S)
4	Powder coated finish with pre-treatment process meeting all industry standards
5	Grounding & Bonding Options
6	Conforms to DIN 41494 or equivalent standard
7	17U Closed Rack / Width 600/ Depth 1000
8	Lockable Toughened Glass Door, Steel Single, Steel Dual
9	Equipment Mounting : DIN Standard 10mm Sq. Slots / Direct M6 Tap
10	19" Mounting angles made of formed steel
11	Top & Bottom Cover : Welded to Frame, Vented & Field Cable entry exit cut outs
12	Mounting Option : Castor wheels (Front 2 wheels with Break & rear without break) Or

	Levellers or Base plinth
13	Accessories: Doors & Side Panels, Power Distribution Units, FHU with 4 FAN 360CFM, Jacking Feet, Mounting Hardware-(Pack of 20), Vertical Power Distribution Unit with 12 x 5/15 sockets Round Pin, 230 Volts AC, 32 Amp with Plug, Horizontal Cable Manager-1U-Loop, Casters Set of 4, Adjustable Levelers set of 4
14	Standard Color: Black or Grey
15	Static Load: 300 kgs or above

40mm HDPE Pipe with accessories

S. No.	Parameter	Specification
1	Outer Diameter	40mm + 0.4 mm /- 0.0m
2	Wall Thickness	3.5 +/- 0.2 mm
3	Density	940 to 958kg/m ³ at 27 °C
4	Other Requirements	Jointer kits to be provided as per laying requirement
5	ISI Marked	Yes

1 KVA and 7.5 KVA online UPS

S. No.	Description	Specification	
1	Capacity	1kVA	7.5kVA
2	Technology	PWM IGBT with APFC	
A	AC INPUT		
1	Voltage	220/230/240VAC	
2	Voltage range	110~280VAC @ 50% load; 176VAC~280VAC 100% load	
3	Frequency	(50 +/-3) Hz	
4	Power Factor	≥0.99	
B	AC OUTPUT		
1	Voltage	220/230/240VAC	
2	Regulation	+/-1% nominal	
3	Frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1	
4	Load Power Factor	Unity	
5	Waveform	Sine Wave	
6	Total Harmonic distortion	≤2% , Linear load ; ≤ 5% non-linear load according to IEC62040-3	
7	Audible noise	<45 dBA	
8	Transient response	Less than 20 msec	
9	Transient recovery	Up to + / -1% of nominal voltage within 20 m. sec.	
10	Over load	110% of rated load for 30 Min	
		125% of rated load for 10 Min	
		150% of rated load for 30 Sec	
11	Efficiency	Upto 94%	
12	Transfer Time	Mains to battery - 0 ms, Inverter to bypass - <4ms	

S. No.	Description	Specification
13	Compatible with High Crest Factor Loads	3:1
C	BYPASS	
1	Static Switch	Static bypass.
D	PROTECTION & CONTROL	
1	Protection	Input under/ Over voltage, Output under/Over voltage, Output overload, Output Short circuit, Over temperature, Input Surge protection
2	Alarms	Mains failure
		Battery low
		UPS trip
		Inverter overload
3	Indicators	Rectifier
		Inverter
		Bypass
		Battery
4	Metering	Input voltage, Current, Frequency
		Output voltage, Current, Frequency
		Battery Voltage, Current, Battery %, Load kVA/kW, Load %
		Temperature
5	Environment	Operating 0 deg. C to 40 deg. C
		Storage -20 deg. C to 55 deg. C
		Humidity up to 95% (non-condensing)
6	Cooling	Forced Air cooling
7	Ingress protection	IP20
8	Mounting	Floor Mounted / Rack Mounted
9	Computer Interface	Interface Port Standard;- RS 232 port with optional: - SNMP, RS485
10	IoT Function	IoT Enabled
11	Emergency Power Off	EPO enabled
12	Certificate	BIS, ISO 9001, ISO 14001, ISO 45001, ISO 50001, ISO 20001, ISO 27001, TL9000, REACH, CE, FCC & RoHS
13	Reference Standard	IEC 62040-1, IEC 62040-2, IEC 62040-3
F	Battery	
1	Type	VRLA SMF / Lithium-ion / Ni-cd
2	Battery Voltage	24/36 VDC 192 / 240 VDC

42U Equipment/Networking Rack: Fully loaded with all accessories

S. No.	Features
1	Enclosures Shall be fabricated out of CRCA steel, CNC programmed, punched, bended, welded and Powder coated with highest quality standards.
2	Rack Frame (42U, 800x800, Steel) – Qty: 1 Nos
3	Casters (Set of 4) – Qty: 1 Set
4	Adjustable Levellers (Set of 4) – Qty: 1 Set
5	19" Reduced Channel – Loop Type – Qty: 1 Nos

6	Glass Door (Front, 800mm, 42U) – Qty: 1 Nos, 4mm thickness or above
7	Hexagonal Perforated Door (Rear, 42U, 800mm, Dual Type) – Qty: 1 Nos
8	Side Panels (Vented, 800mm, 42U) – Qty: 2 Nos
9	Mounting Hardware (Pack of 20) – Qty: 1 Set
10	Fan Housing Unit (with 4 Fans, 360 CFM) – Qty: 1 Nos
11	Vertical Power Distribution Unit (12 x 5/15 Round Pin sockets, 230V AC, 32 Amp with Plug) – Qty: 1 Nos
12	Horizontal Cable Manager (1U, Loop Type) – Qty: 1 Nos
13	Technical Specifications
14	Rack Standard: Conforms to DIN 41494 or equivalent
15	Construction: Welded or CKD (Knock Down)
16	Front Door: Lockable toughened glass door
17	Rear Door: Hexagonal perforated split door
18	Basic Frame: High-quality steel construction
19	Equipment Mounting: DIN standard 10mm square slots / Direct M6 tap
20	Mounting Angles: 19" formed steel mounting angles
21	Finish: Powder coated with full pre-treatment process meeting industry standards
22	Top & Bottom Covers: Welded to frame, vented, with field cable entry/exit cut-outs
23	Mounting Options:
24	Castor wheels (Front 2 with brake, rear without brake) OR
25	Adjustable levellers OR
26	Base plinth
27	Color Options: Black or Grey
28	Static Load Capacity: Up to 500 kgs
29	Ventilation:
30	Top & bottom panels with ventilation and cable entry facility
31	Provision for mounting cooling fans on top panel
32	Grounding & Bonding: Provided
33	Compatibility: 100% assured compatibility with all equipment conforming to DIN 41494
34	Frame & Accessories Thickness: 1mm to 2mm .

PART-VII - Documents to be submitted along with the “Technical Bid”:

1. The Bidder/System Integrator (SI) must submit the following documents along with their Technical Bid: Bid covering Letter on the Letter-Head of the Bidder Company indicating Name and Address of the Authorized Signatory (with Contact telephone numbers and email ID) as per Annexure-A.
2. Bidder's Profile as per Annexure.
3. Case-Specific Power of Attorney authorizing the bidder to submit the Bid/EoI on behalf of the Bidder.
4. Bid Security (EMD) of required amount (Physical instrument or its proof of deposition is required to be submitted prior to the bidding date and time).
5. Registration copy of firm/registration with registrar of the company including partnership deed or article / Memorandum of Association etc.
6. Copy of PAN Card.
7. GST Registration Certificate.
8. Valid Quality Certificate ISO (as Applicable)
9. Turnover Certificate (s)/Audited Balance-sheet(s) & Profit-Loss Account(s) of the Bidder for last three years.
10. The bidder must not be BLACKLISTED by any Govt. department/PSU (State or Central)/Autonomous Institution. An undertaking on Rs. 100/- Non-Judicial Stamp Paper is to be submitted online with the bid as per Annexure-C.
11. Declarations against Expression of Interest (EoI) as per Annexure.
12. Compliance Statement of 'Eligibility Criteria of the Bidder' along with supporting documents (credentials, experience certificates, declarations & others) as per Annexure.
13. Integrity Pact/Non-Disclosure Agreement as per Annexure.
14. Tender Documents duly signed & accepted by the bidder
15. The bidder will have to submit Solvency Certificate as per requirement.
16. Case Specific Letter of Authorization (MAF)/Product Support Letter from Major OEM.
17. List of Qualified Engineers and Technicians to Support the Project.
18. The bidder shall furnish the particular of the past performance with supporting documents.
19. List of reputed Clients (with full address and telephone number).

In case, the bidders do not submit any of the above mentioned papers/information along with Expression of Interest, his bid will be rejected and bid will not be considered for further evaluation.

It is reiterated that any bid not fulfilling any of the essential requirements mentioned in this EoI/RFP/Tender document would be classified as “Technically Non-Qualified/Non-Responsive” and Commercial bids of such bidders will not be opened and subsequently returned to the bidder. *No relaxation would be given to any bidder on any of these conditions.*

PART VIII -INDEPENDENT EXTERNAL MONITOR(S)

- 8.1** The Principal appoints competent and credible Independent External Monitor(s) for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this pact.
- 8.2** The Monitor is not subject to any instructions by the representatives of the parties and performs his functions neutrally and independently. He will report to the Chairman and

Managing Director of the Principal.

- 8.3** The Contractor(s) accepts that the Monitor has the right to access without restriction to all product documentation of the Principal including that provided by the Contractor(s). The Bidder(s)/Contractor(s) will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The Monitor is under contractual obligation to treat the information and documents Contractor(s) with confidentiality.
- 8.4** The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the project provided such meeting could have an impact on the contractual relations between the Principal and the Contractor(s). As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in specific manner, refrain from action or tolerate action.
- 8.5** The Monitor will submit a written report to the Chairman & Managing Director of the Principal within a reasonable time from the date of reference or intimation to him by the principal and, should the occasion arise, submit proposals for correcting problematic situations.
- 8.6** If the Monitor has reported to the Chairman & Managing Director of the Principal a substantiated suspicion of an offence under relevant IPC/PC Act, and the Chairman & Managing Director of the Principal has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.
- 8.7** The word ‘**Monitor**’ would include both singular and plural.
- 8.8** Details of the Independent External Monitor appointed by the Principal at present is furnished below:-

IEM - I

Shri Atul Jindal, IFS (Retd.)
3/10 Vishesh Khand, Opp. Little Friend School, Gomti Nagar,
Lucknow-226010 (UP)

IEM - II

Shri Benny John, IRS (Retd.)
Villa No. 36, Kent Plam Villas, Fort Valley Township, Athani,
Kakkanad, Ernakulam, Kerala – 682 030.

Any changes to the same as required / desired by statutory authorities is applicable

ANNEXURE-I

FINANCIAL INFORMATION

Financial Analysis: Details to be furnished duly supported by figures in Balance/Profit & Loss Account for the last 3(Three) years and certified by the Chartered Accountant, as submitted by the bidders to the Income-Tax Department (copies to be attached).

Sl. No.	Details	2021-22	2022-23	2023-24
1.	Gross annual turnover			
2.	Average Turnover			

Up to date Income Tax Clearance Certificate.

Note: Attach additional sheets, if necessary.

Bidder)

(Signature of

ANNEXURE – II

STRUCTURE OF THE ORGANIZATION

1. Name and address of bidder:
2. Telephone No./Fax No./Email address:
3. Legal status (Attach copies of original document defining the legal status).
 - a) An Individual:
 - b) A Proprietary/Partnership firm:
 - c) A Trust:
 - d) A Limited Company or Corporation:
4. Particulars of Registration with various Government bodies (attach attested photocopy)
 1. Registration Number:
 2. Organization/Place of registration:
 3. Date of validity:
5. Names and titles of Directors & Officers with designation to be concerned with this/her work with designation of individuals authorized to act for the organization.
6. Were your company required to suspend the work for a period of more than six months continuously during last five years after you commenced the works? If so, give the name of the project and reasons for not completing the work.

ANNEXURE-III

DETAILS OF TECHNICAL AND ADMINISTRATIVE PERSONNEL TO BE EMPLOYED FOR THE WORK

Sl.No.	Name	Qualification	Professional experience and details of work carried out	In what capacity would these be involved in this/her work	Remarks
1					
2					
3					
4					
5					
6					

(Signature of Bidder)

ANNEXURE – IV

DETAILS OF WORK EXPERIENCE DURING LAST 3 YEARS

Sl.No	Name Of the work/Project Location	Name of the Organization	Date of commencement of contract	Date of Completion	Name, Email and Phone Number of Nodal Officer	Remarks (If any)
1	2	3	5	6	7	8
1						
2						
3						
4						
5						
6						

ANNEXURE-V

DECLARATION BY THE BIDDER

It is hereby declared that I/We the undersigned, have read and examined all the terms and conditions etc. of the tender document for which I/We have signed and submitted the tender. It is also certified that all the terms and conditions of the tender document are fully acceptable to me/us, and I/We will abide by the conditions stated this RFP.

Date:
Signature:

Address:

Designation:

Name:

(Company Seal)

ANNEXURE-VI

Unpriced Financial Bid

Name of the Bidder / Firm:

GST Number:

Nature of Work: As mentioned in the scope of work

Sl.NO	Description of Work / Specification	Quantity	unit	Rate (INR) Without GST
1.				

(The quoted price would be exclusive of all taxes)

- The Financial Bid is to be uploaded along with the Financial Quote. If it is submitted in the technical bid, the bid shall be summarily rejected.
- Estimated quantity is based on projects in pipeline and past volume. However, the quantity is only an estimate and may vary due to many factors.
- The price should be quoted for a period of 03 years
- Quantity mention here is for calculative purpose only.
- Billing shall be made on the actual rates quoted.

Date :

Signature of the bidder with full address

(To be signed by an authorized

signatory)

ANNEXURE-VII: BID COVERING LETTER

[On Bidder's Letter Head]

**To,
AGM
ITI Limited, MSP-UP
ITI Bhavan, TC-18V, Vibhuti Khand Gomti Nagar,
Lucknow- 226 010, India**

Ref: EOI no. dated
Subject: Bid Covering Letter against Expression of Interest (EOI)
.....

Dear Sir,

Having examined the EoI/RFP/Tender document, we hereby submit our bid for the subject requirement which has emerged from some Government body to implement the above captioned project.

We confirm that the information contained in this response or any part thereof, including its exhibits, and other documents and instruments delivered or to be delivered to ITI Limited is true, accurate, verifiable and complete. This response includes all information necessary to ensure that the statements therein do not in whole or in part mislead the Buyer in its short-listing process.

We fully understand and agree to comply that on verification, if any of the information provided here is found to be misleading the short-listing process, we are liable to be dismissed from the selection process or termination of the agreement during the project, if selected to do so.

We agree for unconditional acceptance of all the terms and conditions set out in the EoI/RFP/Tender document including annexures and corrigendum if any and also agree to abide by this tender response for a period of 6 months from the date fixed for bid opening.

We hereby declare that in case the agreement is awarded to us, we shall submit the Performance Guarantee in the form of bank guarantee in the format to be provided by ITI Limited.

We agree that ITI Limited is not bound to accept any tender response that they may receive. We also agree that ITI Limited reserves the right in absolute sense to reject all or any of the services specified in the tender response.

It is hereby confirmed that I/We are entitled to act on behalf of our company/ corporation/ firm/ organization and empowered to sign this document as well as such other documents, which may be required in this connection.

We understand that it will be the responsibility of our organization to keep ITI Limited informed of any changes in respect of authorized person and we fully understand that ITI Limited shall not be responsible for non-receipt or non-delivery of any communication and/or any missing communication in the event reasonable prior notice of any change in the authorized person of the company is not provided to ITI Limited.

Dated this Day of 2025

Authorized Signatory Name:

Designation:

(Company Seal)

ANNEXURE VIII: BIDDERS PROFILE

[On Bidder's Letter Head]

**To,
AGM
ITI Limited, MSP-UP
ITI Bhavan, TC-18V, Vibhuti Khand Gomti Nagar,
Lucknow- 226 010, India**

1.	Name and address of the company			
2.	Contact Details of the Bidder (Contact person name with Designation, Telephone Number, FAX, E- mail and Web site)			
3.	Area of Business			
4.	Annual Turnover in last 3 financial years (Rs in Crore)	2021-22	2022-23	2023-24
5.	Date of Incorporation			
6.	GST Registration number			
7.	PAN Number			
8.	CIN Number, if applicable			
9.	Whether the firm has been blacklisted by any Central Govt. / State Govt./PSU/ Govt. Bodies / Autonomous? If yes, details thereof.			
10.	Status and details of disputes/ litigation/ arbitration, if any.			
11.	Name, Designation and address of the officer to whom all references shall be made regarding this EOI			
12.	Contact details of Authorized signatory in reference to this EOI			

Dated this Day of 2025

Authorized Signatory Name:
Designation:
(Company Seal)

ANNEXURE IX: UNDERTAKING AGAINST NON-BLACKLISTING

[Non-judicial stamp paper of Rs. 100/- certified by Notary]

To,
AGM
ITI Limited, MSP-UP
ITI Bhavan, TC-18V, Vibhuti Khand Gomti Nagar,
Lucknow- 226 010, India

Ref.: EOI no. dated
Subject: Undertaking towards Non-Black Listing of our firm by any Govt. Body

Dear Sir,

We hereby declare that we have not been BLACK LISTED by any Govt. department/ PSU (State or Central)/ Autonomous Institution against our performance obligation in India and there has been no litigation with any government department on account of similar services for the last 5 years.

This declaration is being submitted as per the requirement of your EoI/RFP/Tender.

Dated this Day of 2025

Authorized Signatory Name:
Designation:
(Company Seal)

ANNEXURE X: DECLARATIONS

[On Bidder's Letter Head]

**To,
AGM
ITI Limited, MSP-UP
ITI Bhavan, TC-18V, Vibhuti Khand Gomti Nagar,
Lucknow- 226 010, India**

Ref.: EOI no. dated
Subject: Declarations against Expression of Interest (EOI) for

Dear Sir,

We hereby declare / undertake the following.

We hereby declare that we will work with ITI as per EOI/RFP/Tender terms and conditions of ITI as well as end customer including warranty & post-warranty services and implementation of the project in the event of ITI winning the contract on back-to-back basis.

We hereby declare that we will submit the Tender Fee & EMD (while submitting the bid to the end customer in the form of Bank Guarantee / Demand Draft / Online Payment from any Nationalized / Scheduled Bank) & Performance Bank Guarantee to end customer or ITI (as decided by ITI) as per EOI/RFP/Tender terms & conditions. We also undertake that we will provide EMD & PBG to ITI as per the end-customer's EOI/RFP/Tender terms even if ITI is exempted to submit the same to end-customer because of its PSU status.

We hereby declare that we have 'No Objection/ No Claim/ No Compensation' from ITI Limited if this EOI/RFP/Tender is cancelled at any stage of evaluation process by ITI or the main EOI/RFP/Tender is cancelled by the end customer.

We hereby undertake that we will be equipped with the required manpower with qualifications, certifications and experience as required in the end customer's EOI/RFP/Tender.

We hereby undertake that we will be able to give the proposed solution as required in the end customer's EOI/RFP/Tender.

We hereby undertake that we will arrange required certificate & support (warranty & post-warranty/maintenance) in the name of ITI Limited from the OEM as per end customer's requirement.

We hereby undertake that we will obtain relevant statutory licenses for operational activities.

We indemnify ITI Limited from any claims / penalties / statutory charges / liquidated damages / legal expenses if any etc. as charged by the end customer.

We hereby undertake to make arrangement for signing of agreement between OEM and ITI as per end customer's EoI/RFP/Tender requirements.

We hereby undertake that the OEMs who meet the eligibility and other conditions as per end customer's EoI/RFP/Tender requirement will be finalized by us and produce the required eligibility documents and other related documents of the OEM for final bid submission.

We hereby agree to take the responsibilities covered in the agreement (on back-to-back basis) to be signed between ITI & OEM (if required) as per end customer's EoI/RFP/Tender terms & conditions.

We hereby declare to supply equipment/components which are brand new, first hand and contain no previously used, recycled or refurbished components.

We hereby declare not to partner with any other organization for addressing this EoI/RFP/Tender.

We hereby declare to accept payment terms on back-to-back basis. Penalties, if any, will be borne by us.

We hereby declare to provide Bank Guarantee (110% of value for the period till the advance is settled) for getting the advance payment if any on back-to-back basis.

We hereby agree that ITI may take any punitive action as deemed fit, including forfeiture of EMD / Security submitted by us, if it is found that any of the documents / information provided by us (to meet the tender requirement including eligibility) is wrong/ forged/ misleading at any stage of tender processing / evaluation. The decision of ITI regarding forfeiture of the EMD shall be final and shall not be called upon question under any circumstances

Dated this Day of 2025

Authorized Signatory Name:
Designation:
(Company Seal)

ANNEXURE XI: COMPLIANCE STATEMENT OF ELIGIBILITY CRITERIA

[On Bidder's Letter Head]

To,
AGM
ITI Limited, MSP-UP
ITI Bhavan, TC-18V, Vibhuti Khand Gomti Nagar,
Lucknow- 226 010, India

Ref.: EOI no. dated

Subject: Declarations against Expression of Interest (EOI) for

Sl. No.	Clause No.	Clause	Compliance (Complied/Not Complied)	Remarks with Documentary Reference

Dated this Day of 2025

Authorized Signatory Name:

Designation:

(Company Seal)

ANNEXURE XII: Bid Security Declaration

[On Bidder's Letter Head]

**To,
AGM
ITI Limited, MSP-UP
ITI Bhavan, TC-18V, Vibhuti Khand Gomti Nagar,
Lucknow- 226 010, India**

Ref: EOI no. dated

Subject: Bid Security Declarations against Expression of Interest (EOI) for.....

Dear Sir,

I/We, the undersigned hereby declare that:

I/We know that the bid should be supported by a Bid Security Declaration (in lieu of EMD as per end customer) in accordance with your conditions. I/We accept to automatically be suspended from being eligible for bidding in any contract in ITI Limited for a period of three years from the date of opening of Bid, if I am/We are in breach of our obligation(s) under the bid conditions, because I/We

- a) have withdrawn our Bid during the period of bid validity or its extended period, if any; or
- b) having been notified of the acceptance of our Bid by the Contracting Authority within the period of bid validity
 - (i) have withdrawn/modified/amended, impairs or derogates from the EOI / tender, my/our Bid during the period of bid validity or its extended period, if any;
 - OR
 - (ii) have failed or refused to furnish a Performance Security in accordance with the Condition of the EOI/Tender Document;
 - OR
 - (iii) have failed or refused to sign the contract.

I/We know that this Bid Security Declaration will expire, if contract is not awarded to us, upon:

- a) the receipt of your notification to us of the name of the successful Bidder; or
- b) thirty days after the expiration of the validity of my/our Bid or any extension to it.

Dated this Day of 2025

Authorized Signatory Name:

Designation:

(Company Seal)

ANNEXURE XIII: DETAIL OF WORK EXPERIENCE

[On Bidder's Letter Head]

To,
AGM
ITI Limited, MSP-UP
ITI Bhavan, TC-18V, Vibhuti Khand Gomti Nagar,
Lucknow- 226 010, India

For Pre-Qualification (completed projects)

S. No.	Client Name	Work Order Ref. No.	Date of WO	Date of Completion	Amount of Work Order	Type of documentary proof Submitted

(Note: Copy of Work Order /Contract /Agreement AND Completion Certificate from the respective clients to be submitted along with the proposal)

Dated this Day of 2025

Authorized Signatory Name:

Designation:

(Company Seal)

ANNEXURE XIV: FINANCIAL BID

[On Bidder's Letter Head]

To,
AGM
ITI Limited, MSP-UP
ITI Bhavan, TC-18V, Vibhuti Khand Gomti Nagar,
Lucknow- 226 010, India

Dear Sir,

We, the undersigned on behalf of <name of the agency>, wish to submit our offer <title of project> in accordance with your Request for Proposal <EOI reference> dated <insert Date>.

We are hereby submitting our Financial Proposal.

S. No	Item	Qty.	Unit	Unit Rate	Tax %	Tax Amt.	Total Amt.
Total							

The financial bid, for evaluation purpose, against the Items as envisaged in the EOI document:
Rs. _____ (in numerals) (including GST)

Rupees _____ (in words) (including GST)

Actual work order awarded to the successful bidder will be based on the rates specified in above table.

We undertake, if our Proposal is accepted, to start the services with immediate effect or as stipulated in the contract.

We understand you are not bound to accept any proposal you receive.

Dated this Day of 2025

Authorized Signatory Name:
Designation:
(Company Seal)

ANNEXURE XV: FINANCIAL STRENGTH OF THE BIDDER

[On Bidder's Letter Head]
To,
AGM
ITI Limited, MSP-UP
ITI Bhavan, TC-18V, Vibhuti Khand Gomti Nagar,
Lucknow- 226 010, India

S. No.	Financial Year	Net-worth Status (Positive/Negative)	Whether Profitable (Yes/No)	Annual Profit Before Tax (in INR)	Overall Annual Turnover (in INR)
1	2021-22				
2	2022-23				
3	2023-24				

Note:

- Copies of the audited Balance sheets duly audited by the statutory auditors of the Company or Chartered Accountant. AND
- Certificate from Statutory Auditor or Chartered Accountant regarding turnover as asked in the clause. AND
- Form as per Appendix E: Financial Strength of the Bidder

Dated this Day of 2025

Authorized Signatory Name:

Designation:
(Company Seal)

ANNEXURE XVI: FORMAT FOR PERFORMANCE BANK GUARANTEE

In consideration of the ITI, (hereinafter called “ITI”) having issued Letter of Intent dated < **insert date of LoI** > to < **insert Name of Bidder** > (hereinafter called the “Agency”) for “< >” pursuant to EOI No. < **insert EOI No.** > Dated < **insert date of EOI** > issued by it which stipulates that the Agency has to furnish an irrevocable **Performance Bank Guarantee to ITI for an amount equal to 5% (Five Percent) of the contract value**, from any Nationalized / Scheduled / Centralized Bank or a Private Section Bank authorized to conduct government business in India valid for 12 months with claim period of 15 months as security for the performance of its obligations in terms of the EOI and the Contract:

1. We < **insert Name of the Bank** > (herein after referred to as the “Bank”) hereby affirm, guarantee and undertake to pay to ITI any amount not exceeding the sum of ₹ < **insert numerical value equivalent to 5% of contract value** >/- (**Rupees <insert value in words equivalent to 5% of contract value > Only**), without any demur and objection whatsoever, merely against the first written demand of ITI stating that the amount demanded therein has become due to it on account of the failure of the agency to perform its obligations under the Contract, without ITI needing to prove or to show grounds or reasons for demand of the sum specified therein. Any such demand made on us by ITI shall be conclusive in all its respects, including the amount due and payable.
2. We declare that ITI’s demand in writing as aforesaid will be unquestionably binding upon us, our liability arising upon written demand of ITI being absolute, unqualified and irrevocable until the sum as demanded therein is paid to ITI in full. We hereby waive the necessity of ITI demanding the said amount from the Agency before presenting us with the demand.
3. We undertake unconditionally and irrevocably to make payment to ITI of the sum demanded in the aforesaid written demand, irrespective of any dispute between ITI and the Agency under the Contract.

4. We further agree that ITI and the Agency shall have the right, without our consent and without effecting in any manner our obligations here under to vary any of the terms and conditions of the Contract. No change or addition to or other modification of the terms of the contract or of any of the contract documents shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.
5. This Guarantee shall also not be discharged by any forbearance or indulgence granted by ITI to the Agency as to payment, time, performance or otherwise.
6. We waive in favour of ITI all or any of our rights as surety, which may be at any time be inconsistent with the provisions of this guarantee.
7. Our liability under this Guarantee shall not be affected by:
 - i. any change in the status or constitution of the ITI
 - ii. any change in our status or constitution
 - iii. any change in the status or constitution of the Agency
8. This Guarantee shall be governed in all respects by Indian law and shall be subject to the exclusive jurisdiction of Courts at New Delhi.
9. This guarantee is irrevocable and shall be valid until the ____ day of _____ unless extended further. Notwithstanding anything mentioned above, our liability against this Guarantee is restricted to ₹ < **insert numerical value equivalent to 5% of contract value** >/- (Rupees < **insert value in words equivalent to 5% of contract value** >Only), and unless a claim in writing is lodged with us within three months of the date of expiry or extended date of expiry of this Guarantee all our liabilities under this Guarantee shall stand discharged.

Dated the - - - - - day of - - - - - , 2025

(Signature of the authorized officer of the Bank)

Name and designation of the Officer

Seal, Name & Address of the Bank and Address of the Branch)

1. ANNEXURE K: INTEGRITY PACT

PURCHASE ORDER No.

THIS Integrity Pact is made on.....day of2025.

BETWEEN

ITI Limited having its Registered & Corporate Office at ITI Bhavan, Dooravaninagar, Bangalore – 560 016 and established under the Ministry of Communications, Government of India (hereinafter called the Principal), which term shall unless excluded by or is repugnant to the context, be deemed to include its Chairman & Managing Director, Directors, Officers or any of them specified by the Chairman & Managing Director in this behalf and shall also include its successors and assigns) ON THE ONE PART

AND

..... Represented by Chief Executive Officer (hereinafter called the Contractor(s), which term shall unless excluded by or is repugnant to the context be deemed to include its heirs, representatives, successors and assigns of the contractor ON THE SECOND PART.

Preamble

WHEREAS the Principal intends to award, under laid down organizational procedures, contract for of ITI Limited. The Principal, values full compliance with all relevant laws of the land, regulations, economic use of resources and of fairness/ transparency in its relations with its Contractor(s).

In order to achieve these goals, the Principal has appointed an Independent External Monitor (IEM), who will monitor the tender process and the execution of the contract for compliance with the principles as mentioned herein this agreement.

WHEREAS, to meet the purpose aforesaid, both the parties have agreed to enter into this Integrity Pact the terms and conditions of which shall also be read as integral part and parcel of the Tender Documents and contract between the parties.

NOW THEREFORE, IN CONSIDERATION OF MUTUAL COVENANTS STIPULATED IN THIS PACT THE PARTIES HEREBY AGREE AS FOLLOWS AND THIS PACT WITNESSETH AS UNDER:

SECTION 1 – COMMITMENTS OF THE PRINCIPAL

1.1. The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:

- a. No employee of the Principal, personally or through family members, will in connection with the tender for or the execution of the contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
- b. The Principal will, during the tender process treat all bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all bidder(s) the same information and will not provide to any bidder(s) confidential/additional information through which the bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
- c. The Principal will exclude from the process all known prejudiced persons.

1.2. If the Principal obtains information on the conduct of any of its employee, which is a criminal offence under IPC/PC Act or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary action as per its internal laid down Rules/ Regulations.

SECTION 2 – COMMITMENTS OF THE BIDDER/CONTRACTOR

2.1. The Contractor(s) commits himself to take all measures necessary to prevent corruption. He commits himself observe the following principles during the participation in the tender process and during the execution of the contract.

- a. The contractor(s) will not, directly or through any other person or firm offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.
- b. The contractor(s) will not enter with other contractors into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

- c. The contractor(s) will not commit any offence under IPC/PC Act, further the contractor(s) will not use improperly, for purposes of competition of personal
- 3. gain, or pass onto others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
- d. The Contractor(s) of foreign origin shall disclose the name and address of the agents/representatives in India, if any. Similarly, the Bidder(s)/Contractor(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any.
- e. The Contractor(s) will, when presenting the bid, disclose any and all payments made, are committed to or intend to make to agents, brokers or any other intermediaries in connection with the award of the contract.
- f. The Contractor(s) will not bring any outside influence and Govt. bodies directly or indirectly on the bidding process in furtherance to his bid.
- g. The Contractor(s) will not instigate third persons to commit offences outlined above or to be an accessory to such offences.

SECTION 3 – DISQUALIFICATION FROM TENDER PROCESS & EXCLUSION FROM FUTURE CONTRACTS

- 3.1. If the Contractor(s), during tender process or before the award of the contract or during execution has committed a transgression in violation of Section 2, above or in any other form such as to put his reliability or credibility in question the Principal is entitled to disqualify Contractor(s) from the tender process.
- 3.2. If the Contractor(s), has committed a transgression through a violation of Section 2 of the above, such as to put his reliability or credibility into question, the Principal shall be entitled exclude including blacklisting for future contract award process. The imposition and duration of the exclusion will be determined by the severity of the transgression. The severity will be determined by the Principal taking into consideration the full facts and circumstances of each case, particularly taking into account the number of transgression, the position of the transgressor within the company hierarchy of the Contractor(s) and the amount of the damage. The exclusion will be imposed for a period of minimum one year.
- 3.3. The Contractor(s) with its free consent and without any influence agrees and undertakes to respect and uphold the Principal's absolute right to resort to and impose such exclusion and further accepts and undertakes not to challenge or question such exclusion on any ground including the lack of any hearing before the decision to resort to such exclusion is taken. The undertaking is given freely and after obtaining independent legal advice.
- 3.4. A transgression is considered to have occurred if the Principal after due consideration of the available evidence concludes that on the basis of facts available there are no material doubts.
- 3.5. The decision of the Principal to the effect that breach of the provisions of this Integrity Pact has been committed by the Bidder(s)/ Contractor(s) shall be final and binding on the Bidder(s)/

Contractor(s), however the Bidder(s)/ Contractor(s) can approach IEM(s) appointed for the purpose of this Pact.

3.6. On occurrence of any sanctions/ disqualifications etc arising out from violation of integrity pact Bidder(s)/ Contractor(s) shall not entitled for any compensation on this account.

3.7. subject to full satisfaction of the Principal, the exclusion of the Contractor(s) could be revoked by the Principal if the Contractor(s) can prove that he has restored/ recouped the damage caused by him and has installed a suitable corruption preventative system in his organization.

SECTION 4 – PREVIOUS TRANSGRESSION

4.1. The Contractor(s) declares that no previous transgression occurred in the last 3 years immediately before signing of this Integrity Pact with any other company in any country conforming to the anti-corruption/ transparency International (TI) approach or with any other Public Sector Enterprises/ Undertaking in India of any Government Department in India that could justify his exclusion from the tender process.

4.2. If the Contractor(s) makes incorrect statement on this subject, he can be disqualified from the tender process or action for his exclusion can be taken as mentioned under Section-3 of the above for transgressions of Section-2 of the above and shall be liable for compensation for damages as per Section- 5 of this Pact.

SECTION 5 – COMPENSATION FOR DAMAGE

4.1.If the Principal has disqualified the Bidder(s)/Contractor(s) from the tender process prior to the award according to Section 3 the Principal is entitled to forfeit the Earnest Money Deposit/Bid Security/ or demand and recover the damages equitant to Earnest Money Deposit/Bid Security apart from any other legal that may have accrued to the Principal.

4.2. In addition to 5.1 above the Principal shall be entitled to take recourse to the relevant provision of the contract related to termination of Contract due to Contractor default. In such case, the Principal shall be entitled to forfeit the Performance Bank Guarantee of the Contractor or demand and recover liquidate and all damages as per the provisions of the contract agreement against termination.

SECTION 6 – EQUAL TREATMENT OF ALL BIDDERS/CONTRACTORS

6.1. The Principal will enter into Integrity Pact on all identical terms with all bidders and contractors for identical cases.

6.2. The Bidder(s)/Contractor(s) undertakes to get this Pact signed by its sub- contractor(s)/sub-vendor(s)/associate(s), if any, and to submit the same to the Principal along with the tender document/contract before signing the contract. The Bidder(s)/Contractor(s) shall be responsible for any violation(s) of the provisions laid down in the Integrity Pact Agreement by any of its sub-contractors/sub- vendors/associates.

6.3. The Principal will disqualify from the tender process all bidders who do not sign this Integrity Pact or violate its provisions.

SECTION 7 – CRIMINAL CHARGES AGAINST VIOLATING BIDDER(S)/ CONTRACTOR(S)

7.1 If the Principal receives any information of conduct of a Contractor(s) or sub- contractor/sub- vendor/associates of the Contractor(s) which constitutes corruption or if the Principal has substantive suspicion in this regard, the Principal will inform the same to the Chief Vigilance Officer of the Principal for appropriate action.

SECTION 8 – INDEPENDENT EXTERNAL MONITOR(S)

8.1. The Principal appoints competent and credible Independent External Monitor(s) for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extend the parties comply with the obligations under this pact.

8.2. The Monitor is not subject to any instructions by the representatives of the parties and performs his functions neutrally and independently. He will report to the Chairman and Managing Director of the Principal.

8.3. The Contractor(s) accepts that the Monitor has the right to access without restriction to all product documentation of the Principal including that provided by the Contractor(s). The Bidder(s)/Contractor(s) will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The Monitor is under contractual obligation to treat the information and documents Contractor(s) with confidentiality.

8.4. The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the project provided such meeting could have an impact on the contractual relations between the Principal and the Contractor(s). As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in specific manner, refrain from action or tolerate action.

8.5. The Monitor will submit a written report to the Chairman & Managing Director of the Principal within a reasonable time from the date of reference or intimation to him by the principal and, should the occasion arise, submit proposals for correcting problematic situations.

8.6. If the Monitor has reported to the Chairman & Managing Director of the Principal a substantiated suspicion of an offence under relevant IPC/PC Act, and the Chairman & Managing Director of the Principal has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.

8.7. The word ‘Monitor’ would include both singular and plural.

8.8. Details of the Independent External Monitor appointed by the Principal at present is furnished below:

IEM - I

Shri Atul Jindal, IFS (Retd.)
3/10 Vishesh Khand, Opp. Little Friend School, Gomti Nagar,
Lucknow-226010 (UP)

IEM - II

Shri Benny John, IRS (Retd.)
Villa No. 36, Kent Plam Villas, Fort Valley Township, Athani,
Kakkanad, Ernakulam, Kerala – 682 030.

Any changes to the same as required / desired by statutory authorities is applicable.

SECTION 9 – FACILITATION OF INVESTIGATION

- 9.1. In case of any allegation of violation of any provisions of this Pact or payment of commission, the Principal or its agencies shall be entitled to examine all the documents including the Books of Accounts of the Bidder(s)/Contractor(s) and the Bidder(s)/Contractor(s) shall provide necessary information and documents in English and shall extend all help to the Principal for the purpose of verification of the documents.

SECTION 10 – LAW AND JURISDICTION

- 10.1. The Pact is subject to the Law as applicable in Indian Territory. The place of performance and jurisdiction shall be the seat of the Principal.
- 10.2. The actions stipulated in this Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

SECTION 11 – PACT DURATION

- 1.1. This Pact begins when both the parties have legally signed it. It expires after 12 months on completion of the warranty/guarantee period of the project / work awarded, to the fullest satisfaction of the Principal.
- 1.2. If the Contractor(s) is unsuccessful, the Pact will automatically become invalid after three months on evidence of failure on the part of the Contractor(s).
- 1.3. If any claim is lodged/made during the validity of the Pact, the same shall be binding and continue to be valid despite the lapse of the Pact unless it is discharged/determined by the Chairman and Managing Director of the Principal.

SECTION 12 – OTHER PROVISIONS

- 12.1. This pact is subject to Indian Law, place of performance and jurisdiction is the Registered & Corporate Office of the Principal at Bengaluru.
- 12.2. Changes and supplements as well as termination notices need to be made in writing by both the parties. Side agreements have not been made.
- 12.3. Should one or several provisions of this pact turn out to be invalid, the remainder of this pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- 12.4. Any disputes/ difference arising between the parties with regard to term of this Pact, any action taken by the Principal in accordance with this Pact or interpretation thereof shall not be subject to any Arbitration.

12.5. The action stipulates in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

In witness whereof the parties have signed and executed this Pact at the place and date first done mentioned in the presence of the witnesses:

For PRINCIPAL

For CONTRACTOR(S)

.....
(Name & Designation)
Witness

.....
(Name & Designation)
Witness

1)

1)

