



Indira Gandhi Institute of Development Research

REQUEST FOR PROPOSAL [RFP]

FOR

**“SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF
Wi-Fi SYSTEM”**

Issued by: Indira Gandhi Institute of Development Research (IGIDR)
Gen. A. K. Vaidya Marg
Goregaon East,
Mumbai - 400 065 (INDIA)
Tel: (022) 2840 0919/20/21,69096200 (Board Number)
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1 BID SCHEDULE & ABBREVIATIONS

1.1 Bid Schedule

#	Description	Details
1	RFP No. and Date	IGIDR/Tender/2024/CC/05
2	Name of the Company	Indira Gandhi Institute of Development Research (IGIDR)
3	Brief Description of the BID	Supply, Installation, Testing & Commissioning of Wi-Fi System
4	Company's Address for Communication	Mr. Lingaraj Panda System Analyst Mobile No: 9967635444 Email: lingaraj@igidr.ac.in Address: Gen. A.K. Vaidya Marg Goregaon East, Mumbai - 400 065 (INDIA) Tel: (022),69096584/581
5	Date of Issue of BID	19 th January 2024
6	Earnest Money Deposit	Rs 5,00,000
7	Purchase Preference Policies	Applicable
8	Performance security Deposit	5% of the Contract Value
9	Last Date and Time for submission of Bids	8th February 2024 up to 5:00 pm Venue: IGIDR Gen. A.K. Vaidya Marg Goregaon East, Mumbai - 400 065 (INDIA)
10	Date, Time & Venue for opening of Part A- Conformity to Eligibility Criteria & Technical Bid	9 th February 2024 ,12:00 pm IGIDR Gen. A. K. Vaidya Marg Goregaon East, Mumbai - 400 065 (INDIA)



11	Date and time for opening of Part-B Commercial Bid	Will be intimated at a later date.
12	Pre-bid Meeting Date & Time.	<p>i. Pre-bid meeting will be held on 25/01/2024, at 12:00 pm</p> <p>Venue:</p> <p>ii. Pre bid queries should be submitted as per Appendix-D.</p> <p>Pre-bid Queries should be emailed to tender@igidr.ac.in with a Cc to lingaraj@igidr.ac.in on or before 24/01/2024 by 3.00PM. The Subject of the email should be given as “Pre-Bid Queries for IGIDR Wi-Fi project”. Queries reaching afterwards will not be entertained.</p>
13	Other Details	<p>i. The bidders must fulfil the Pre-Qualification criteria for being eligible to bid.</p> <p>ii. Subsequent changes made based on the suggestions and clarifications as per pre-bid meeting shall be deemed to be part of the BID document and shall be uploaded on the Institute’s website.</p> <p>1. No suggestions or queries shall be entertained after pre-bid meeting.</p>



DISCLAIMER

The information contained in this RFP document (hereinafter referred to as "RFP") provided to the Bidders, by Indira Gandhi Institute of Development Research (hereinafter referred to as "IGIDR") on the terms and conditions set out in this bid document and all other terms and conditions subject to which such information is provided.

The information contained in this RFP document ("RFP") or subsequently provided to Applicants, whether verbally or in documentary or any other form by or on behalf of the IGIDR or any of its employees or advisers, is provided to Applicants on the terms and conditions set out in this BID and such other terms and conditions subject to which such information is provided.

This BID is not an agreement or an offer by the IGIDR to the prospective Applicants or any other person. The purpose of this Bid to provide interested parties with information that may be useful to them in the formulation of their proposals pursuant to this BID. This BID includes statements, which reflect various assumptions and assessments arrived at by the IGIDR in relation to the Implementation. Such assumptions, assessments and statements do not purport to contain all the information that each Applicant may require. This BID may not be appropriate for all persons, and it is not possible for the IGIDR, its employees, or advisers to consider the objectives, technical expertise and particular needs of each party who reads or uses this BID. Each Applicant should, therefore, conduct its own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments and information contained in this BID and obtain independent advice from appropriate sources.

Information provided in this BID to the Applicants may be on a wide range of matters, some of which may depend upon interpretation of law. The information given is not intended to be an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The IGIDR accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on the law expressed herein.



1.2 Abbreviations

#	Term	Details
1.	AMC	Annual Maintenance Contract
2.	Non-POE	Managed Switch
3.	OEM	Original Equipment Manufacturer
4.	BOM	Bill of Material
5.	DD	Demand Draft
6.	IT	Information Technology
7.	EMD	Earnest Money Deposit
8.	GST	Goods and Service Tax
9.	HO	Head Office
10.	PBG	Performance Bank Guarantee
11.	DC	Data Centre -Mumbai
12.	LAN	Local Area Network
13.	LD	Liquidated Damage
14.	MAF	Manufacturer Authorization Form
15.	POE	Power Over Ethernet
16.	SLA	Service Level Agreement
17.	MTBF	Mean Time Between Failure
18.	MTTR	Mean Time to Restore
19.	AP	Access Point
20.	NI Act	Negotiable Instruments Act
21.	OEM	Original Equipment Manufacturer



22.	OS	Operating System
23.	AD	Active Directory
24.	BID	Request For Proposal [Interalia the term 'Tender' or Bid is also used]
25	WMR	Wall Mount Rack
26.	Bidder	System Integrator/Bidder/Master System Integrator
27.	IGIDR	Indira Gandhi Institute of Development Research
28	ILL	Internet Lease Line



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2 INTRODUCTION

2.1 About Indira Gandhi Institute of Development Research

Indira Gandhi Institute of Development Research (IGIDR) is an advanced research institute established and fully funded by the Reserve Bank of India for carrying out research on development issues from a multi-disciplinary point of view. IGIDR was registered as an autonomous society on November 14, 1986 and as a public trust in January 1987. On December 28, 1987 the campus was inaugurated by Late. Shri Rajiv Gandhi, the then Prime Minister of India.

At present the Institute has about 188 employees and students, that include about 26 full time faculty members, 22 non-academic staff and about 140 M.Sc./M.Phil/Ph.D students.

Background: -

The Institute is located on a 14-acre site on a hillside in Goregaon (east), 15 minutes by public bus from the Goregaon railway station in Mumbai's suburban and 20 minutes' drive from Mumbai's national and international airports. The architecture of the campus is inspired by the historical Elephanta and Jogeshwari caves and includes office and residential buildings for research and administrative staff, seminar rooms, auditorium, library, computer centre, cafeteria and guest house.

The students and staff of the Institute are provided accommodation on campus. The whole campus is connected through LAN and Wi-Fi, and the institute has Internet primary leased line of 200 MBPS & Secondary ILL link is 100 MBPS for Internet connection. The Internet service is free and available 24x7 with backup Internet Service Provider for student & Employee.

Classroom and Seminar Halls and Auditorium:

The institute has four class rooms and two seminar rooms, one conference hall and one auditorium equipped with the facilities like Projector, Document Camera, Wi-Fi, Digital class and Video conferencing system. The seating capacity of Auditorium is around 500.

Hostel and Guest House:

Students are provided hostel accommodation on the campus. The institute also has a guest house with 50 rooms.

Recreation facility:

Recreation facilities include Club library, table tennis, badminton court, lawn tennis, jogging track, fully equipped gymnasium, swimming pool and a children's park within the Institute's premises.



Computer Centre and Library:

The IT facilities at IGIDR Include a state-of-the-art Computer Centre and the IGIDR library is one of the leading professional research and reference libraries in the country.

The Institute wants to upgrade its existing campus WIFI Infrastructure with WIFI 6.0 solution. Bids are invited from reputed OEMS/Bidders to implement Campus WIFI solution.

2.2 Definitions

‘Teaching and Research Institute’ means ‘Indira Gandhi Institute of Development Research.’, described in more detail in Clause 2 above and which has invited bids under this Bid

‘Bid’ means Request for Proposal for **“Supply, Installation, Testing & Commissioning of Wi-Fi System”**.

‘Bidder’ means a System Integrator/OEM submitting the proposal in response to RFP.

‘Solution’ means **“Supply, Installation, Testing & Commissioning of Wi-Fi System** as per the Technical Specifications mentioned in this BID.

‘Contract’ means the agreement signed by successful bidder and the IGIDR at the conclusion of bidding process, wherever required.

‘Successful Bidder’ means the H1 Bidder who is found to highest combined Technical and Financial Score of the Bidding process, subject to compliance to all the Terms and Conditions of the BID, etc.

2.3 About Bid.

- IGIDR intends to select vendor for **Supply, Installation, Testing & Commissioning of Wi-Fi System**
- The bidder has to go through the following clauses and other terms & conditions described elsewhere in this document:

Sl. No.	Description
1	Scope of Work as per Annexure-N for Supply, Installation, Testing & Commissioning of Wi-Fi System
2	Technical Requirements as per Annexure-U for Supply, Installation, Testing & Commissioning of Wi-Fi System
3	Delivery timelines of this RFP for Supply, Installation, Testing & Commissioning of Wi-Fi System



4	Payment terms of this RFP for Supply, Installation, Testing & Commissioning of Wi-Fi System
7	Penalties of this RFP Supply, Installation, Testing & Commissioning of Wi-Fi System

This bid should not be considered as a statement of intent for availing the services, unless a purchase order or notification of award is published by IGIDR if any, as an end result of this bid process.

2.4 Objective

Indira Gandhi Institute of Development Research is an advanced research institute established and fully funded by the Reserve Bank of India (herein after referred to as IGIDR), intends to implement WI-FI System at Goregaon East Mumbai. IGIDR is inviting the Firms / organizations/institutions etc. (referred in the document as Bidder), to offer proposal for **Supply, Installation, Testing & Commissioning of Wi-Fi System** for setting up the aforesaid activities.

This Request for Proposal (RFP) will require the System Integrator /OEM to provide all relevant information based on multiple configurations detailed within the BID. Information and any supplementary information should be in both printed and digital format. Based upon the review and evaluation of proposals offered in response to this BID, IGIDR may at its sole discretion negotiate and place Purchase Order on successful Bidder.

The successful bidder has to Supply, Install, Configure, Implement and maintain the entire WI-FI Solution.

Notwithstanding any other provision herein, Bidder participation in this process is voluntary and at Bidder's sole discretion. IGIDR also reserves the right at its sole discretion to select or reject any or all Bidder(s) in this process and will not be responsible for any direct or indirect costs incurred by the Bidders in this process.

The BID document is not a recommendation, offer or invitation to enter into a contract, agreement or other arrangement in respect of the services.

Please note that the features / facilities sought are indicative and not limited to the ones mentioned in this document. IGIDR is open to solutions offering more features / products with newer / better technology to improve vertical and horizontal scalability.

2.5 Requirements

IGIDR invites proposal/offers in its website www.igidr.ac.in and through advertisement from bidders for **Supply, Installation, Testing & Commissioning of Wi-Fi System** as per the Terms & Conditions, Technical Specifications and Scope of Work described elsewhere in this document. This tender consists of following requirements:



Item Details	Location
Supply, Installation, Testing, & Commissioning of Wi-Fi System	IGIDR, Mumbai

The term of contract will be for a period of 3 years warranty + 3 years AMC. The renewal will be at the sole discretion of the IGIDR and based on the performance of the bidder during the contract period.

The contract will be deemed completed only when all the contracted services by the IGIDR are provided and accepted by the IGIDR as per the requirements of the contract executed between IGIDR and the System Integrator.

Detailed technical specification for **Supply, Installation, Testing & Commissioning of Wi-Fi System** is furnished in Annexure-U.

2.6 Eligibility Criteria

A System Integrator submitting the proposal in response to this BID shall hereinafter be referred to as 'Bidder' and BID for "**Supply, Installation, Testing & Commissioning of Wi-Fi System**" shall hereinafter be referred as "Solution".

Interested Bidders, who can **Supply, Installation, Testing & Commissioning of Wi-Fi System** and meet the Eligibility Criteria as per **Annexure C** may respond. Only single bidder who can offer all the services on his own are eligible to apply. Grouping of vendors with multiple products bundled into one is not permitted.

Non-compliance to any of Eligibility criteria would result in outright rejection of the Bidder's proposal. The Bidder is expected to provide proof for each of the points for eligibility evaluation. The proof provided must be in line with the details mentioned in "Documents to be submitted for Eligibility Criteria Compliance". Any credential detail mentioned in "Eligibility Criteria Compliance" and not accompanied by relevant proof documents will not be considered for evaluation.

IGIDR, reserves the right to verify/evaluate the claims made by the bidder independently. Any deliberate misrepresentation will entail rejection of the offer.

2.7 Scope of Work

The Broad Scope of work shall include but not be limited as mentioned in Annexure-N. Bidder has to confirm the compliance to the Scope of Work as mentioned in Annexure-N. The bidders are required to go through the complete BID document thoroughly. The obligation / responsibilities mentioned elsewhere in the document, if any, shall be the integral part of the scope.



2.8 Project Completion and Management

For smooth completion of project, the Bidder should identify one or two of its representatives as project manager/SPOC at Mumbai as a single point of contact for the IGIDR. The project manager will be responsible to conduct meetings with IGIDR and rollout the implementation successfully. The Project Manager should be sound in the proposed solution and should have required experience.

IGIDR in its own discretion to conduct screening process for project manager.

Project implementation team should be conversant with all rules and conditions to resolve the issues, if any.

2.9 Technical Requirements

The Bidder shall comply with the Technical Specifications narrated in **Annexure-U**. The bidder should also maintain confidentiality of information shared with them during the tenure of the project.

2.10 Project Delivery

The Bidder has to complete the project within 6 weeks. This includes comprehensive project planning, resource mobilization, material delivery, installation and configuration of all components, cabling of additional AP, installation of Poles for the AP and delivery of other associated services, acceptance testing, and Project Sign Off.

2.11 Acceptance

After the Solution has been accepted by the IGIDR, the Vendor may submit an invoice for the Solution.

The warranty will cover all supplied components includes Access point, POE Switch, Non-POE Switch, Fiber and copper patch cord and module.

The warranty start date of the OEM/SI for Solution will be applicable after Project acceptance & Signoff.

IGIDR will evaluate the offered Solution implemented by the bidder. If the Solution experiences no failures and functions according to the requirements as determined by the IGIDR during the implementation period, then the solution will be accepted by the IGIDR and the project will be considered as deemed signed-off.

After the Solution has been accepted by the IGIDR, the SI may submit an invoice for the Solution.

2.12 Uptime

- The selected bidder shall guarantee availability with monthly uptime of 98.00% for the solution as specified in Annexure-N (Scope of Work) and Annexure-U (Technical Specification), during contract period, which shall be calculated on monthly basis.



- The "Uptime" is, for calculation purposes, equals to the total contracted minutes in a month less Downtime. The "Downtime" is the time between the Time of Failure and Time of Restoration within the contracted minutes. "Failure" is the condition that renders the IGIDR unable to perform any of the defined functions on the Solution. "Restoration" is the condition when the selected bidder demonstrates that the solution is in working order and the IGIDR acknowledges the same.
- If the selected bidder is not able to attend the troubleshooting calls on solution working due to closure of the office/non-availability of access to the solution, the response time/uptime will be taken from the opening of the office for the purpose of uptime calculation. The selected bidder shall provide the Monthly uptime reports during the warranty period and ATS period, if contracted.
- The downtime calculated shall not include any failure due to IGIDR, third party and Force Majeure.
- The percentage uptime is calculated on monthly basis as follows:

(Total contracted minutes in a month – Downtime minutes within contracted minutes)

X 100

Total contracted minutes in a month

- Contracted minutes of a month = No. of days in that month X 24 X 60.
- The Downtime calculated shall not include any failure due to IGIDR and Force Majeure.
- Provide a robust, fault tolerant infrastructure with enterprise grade SLAs with an assured uptime of 98.00%.

2.13 Penalties/Liquidated Damages

Penalties/Liquidated damages for delay in supply: Penalties/Liquidated damages for delay in Supply, Installation, Configuration, Implementation and Maintenance of Servers and Other related items would be as under:

- Non-compliance of the Supply/delivery will result in the IGIDR imposing penalty of 0.50% on delay in delivery per week or part thereof on the invoice value of Hardware & Other Items (exclusive of Taxes) location/office address wise.
- Non-Compliance of the Installation, configuration, implementation will result in the IGIDR imposing penalty of 0.50% on delay in installation per week or part thereof on the invoice value of Hardware & Other Items (exclusive of Taxes) location/office address wise.
- However, the total Penalty/LD to be recovered under above clause shall be restricted to **10%** of the total value of the order

Penalties/Liquidated damages for not maintaining uptime:

- If the selected bidder fails to maintain the guaranteed monthly uptime of 98.00% for the solution as specified in Annexure-N (Scope of Work) and Annexure-U (Technical Specifications) during the contract period, the penalty for monthly Uptime will be deducted as under:



Level of availability calculated on monthly basis	Penalty Amount
98.00% and above	No penalty
Above 97.00% and below 98.00%	0.10% of Total Cost* (exclusive of GST) for every hour or part thereof.
Above 96.00% and up to 97.00%	0.20% of Total Cost* (exclusive of GST) for every hour or part thereof.
Above 95.00% and up to 96.00%	0.30% of Total Cost* (exclusive of GST) for every hour or part thereof.
Above 94.00% and up to 95.00%	0.40% of Total Cost* (exclusive of GST) for every hour or part thereof.
Less than 94.00%	0.50% of Total Cost* (exclusive of GST) for every hour or part thereof.

*Total Cost of the hardware, and solution as per Table-A of the Annexure-W excluding AMC (if any), onsite resources charges (if any)

- The maximum penalty levied shall not be more than 10% of the Total Cost for Hardware/ including licenses etc. for subject procurement per location/office address wise as per Table-A of the Annexure-W (exclusive of GST) during the contract period.
- If monthly uptime is less than 94%, the IGIDR shall levy penalty as above and shall have full right to terminate the contract under this bid and invoke PBG. The right of termination shall be in addition to the penalty. The above penalty shall be deducted from any payments due to the selected bidder during contract period.
- If monthly uptime is less than 94% in three consecutive months, IGIDR may at its sole discretion blacklist the bidder in addition to imposing penalty and invoking the Bank guarantee/forfeit the Security deposit.

Penalties/Liquidated Damages for non-performance:

If the selected bidder does not meet the specifications of the bid during various tests, the selected bidder shall rectify the same at bidders cost to comply with the specifications immediately to ensure the committed uptime, failing which the IGIDR reserves its right to invoke the Bank Guarantee.

The Bidder shall perform its obligations under the agreement entered into with the IGIDR, in a professional manner.

If any act or failure by the bidder under the agreement results in failure or inoperability of systems and if the IGIDR has to take corrective actions, to ensure functionality of its property, the IGIDR reserves the right to impose penalty, which may be equal to the cost it incurs or the loss it suffers for such failures.



If the Bidder fails to complete the due performance of the contract in accordance with the specification and conditions of the offer document, the IGIDR reserves the right either to cancel the order or to recover a suitable amount as deemed reasonable as Penalty / Liquidated Damage for non-performance.

Any financial loss to IGIDR on account of fraud taking place due to Successful Bidder, its employee or their services provider's negligence shall be recoverable from the Successful Bidder along with damages if any with regard to the IGIDR's reputation and goodwill.

IGIDR may impose penalty to the extent of damage to its any equipment, if the damage was due to the actions directly attributable to the staff of the Bidder.

The liquidated damages/penalties shall be deducted / recovered by the IGIDR from any money due or becoming due to the bidder under this purchase contract or may be recovered by invoking of Bank Guarantees or otherwise from bidder or from any other amount payable to the bidder in respect of other Purchase Orders issued under this contract, levying liquidated damages without prejudice to the IGIDR's right to levy any other penalty were provided for under the contract.

All the above LDs are independent of each other and are applicable separately and concurrently.

LD is not applicable for the reasons attributable to the IGIDR and Force Majeure

If the specifications are not met by the bidder during various tests, the bidder shall rectify the same at bidders cost to comply with the specifications immediately to ensure the committed uptime, failing which the IGIDR reserves its right to invoke the Bank Guarantee.

The Bidder shall perform its obligations under the agreement entered into with the IGIDR, in a professional manner.

If any act or failure by the bidder under the agreement results in failure or inoperability of systems and if the IGIDR has to take corrective actions, to ensure functionality of its property, the IGIDR reserves the right to impose penalty, which may be equal to the cost it incurs or the loss it suffers for such failures.

If the Bidder fails to complete the due performance of the contract in accordance with the specification and conditions of the offer document, the IGIDR reserves the right either to cancel the order or to recover a suitable amount as deemed reasonable as Penalty / Liquidated Damage for non-performance.

Any financial loss to the IGIDR on account of fraud taking place due to Successful Bidder, its employee or their services provider's negligence shall be recoverable from the Successful Bidder along with damages if any with regard to the IGIDR's reputation and goodwill.

IGIDR may impose penalty to the extent of damage to its any equipment, if the damage was due to the actions directly attributable to the staff of the Bidder.

The liquidated damages/penalties shall be deducted / recovered by the IGIDR from any money due or becoming due to the bidder under this purchase contract or may be recovered by invoking of Bank Guarantees or otherwise from bidder or from any other amount payable to the bidder in respect of



other Purchase Orders issued under this contract, levying liquidated damages without prejudice to the IGIDR's right to levy any other penalty were provided for under the contract.

2.14 Payment Terms

IGIDR will issue a Purchase Order for the project covering the entire scope of work as stated in the RFQ. There are three main parts of the Purchase Order:

- 1) Hardware Devices and Licenses
- 2) Mounting of Devices in existing place and for additional places such as Poles, Passive cables, Connectors and cabling work, digging and cable laying etc
- 3) Project Implementation Cost Manpower at site, erecting and configuration of AP and switches etc.

Payment Schedule

- Payment will be released after execution of Contract Agreement and the schedule will be as under:

Sl. No.	Payment Stages	Percentage of Payment in stages
1.	Delivery of Hardware & respective Licenses, accessories etc. as per BOQ	30% of the Total Cost.
2.	Installation, Commissioning & Testing	60% of the Total Cost.
3	After completion of 3-year warranty period (can be released against submission of Bank Guarantee)	10% of the total cost
4	AMC	Quarterly in respective years at the end of the quarter.

Warranty and support should be clearly, mentioned in the Technical BID

- IGIDR will release the payment on completion of activity and on production of relevant documents/invoices. Please note that Originals of invoices (plus One Copy) reflecting GST, GSTIN, HSN Code, State Code, State Name, Taxes & Duties, Proof of delivery duly signed by IGIDR officials of the respective office and Manufacturer's/ Supplier's Warranty Certificate should be submitted while claiming payment in respect of orders placed.



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- SI has to submit installation report/Sign off report duly signed by the IGIDR officials of the respective offices in originals while claiming payment. The invoice and installation report should contain the product serial number of the items supplied.
 - Payment shall be released within 30 days from submission of relevant documents as per bid terms.
 - The IGIDR shall finalize the installation and Acceptance format mutually agreed by the bidder. The bidder shall strictly follow the mutually agreed format and submit the same for each location wise while claiming installation and acceptance payment.
 - The payments will be released through NEFT / RTGS after deducting the applicable LD/Penalty, TDS if any, by centrally by Head Office at Mumbai and the Selected Bidder has to provide necessary IGIDR Details like Account No., IGIDR's Name with Branch, IFSC Code etc

2.15 Drivers & Manuals

- The bidder shall supply along with each item all the related documents, Licenses loaded in the Hardware items without any additional cost. The documents shall be in English. These will include but not restricted to User Manual, Operation Manual, Other and Drivers etc.
- All related documents, manuals, catalogues and information furnished by the bidder shall become the property of the IGIDR.

2.16 Warranty

- The bidder must provide comprehensive warranty and support for Three (3) years for Hardware other items from the date of successful handing over the system.
- The Bidder warrants that the /Solution/Hardware will be free of defects in workmanship and materials for a period of time consistent with industry standards and the nature of the ("Warranty Period").
- The warranty will cover all supplied components including Hardware & other items and will start after project acceptance & Signoff.
- The, Hardware & other items deployed for this project shall be under Comprehensive Onsite Warranty covering update of, Hardware maintenance or support for its proper operation, performance and output as specified in the tender technical specifications for a period of Three years from the Date of Acceptance of the Solution.
- If the /Hardware/Solution does not perform in accordance with the Contract during the Warranty Period, then the Bidder shall take such steps as necessary to repair or replace the /Hardware/Solution. Such warranty service shall be provided at the Bidder's expense and shall include all media, parts, labours, freight and insurance to and from the Department's site.
- Warranty service may be provided by a third party, provided such third party is authorized to perform warranty service by the Bidder or, if the Bidder is not the Manufacturer, by the Manufacturer prior to the bid closing date and time.
- If any defect in the /Hardware/Solution is not rectified by the Bidder before the end of the Warranty Period, the Warranty Period shall be extended until, in the opinion of the IGIDR:
 - a) the defect has been corrected;



- b) the /Hardware/Solution functions in accordance with the Contract for a reasonable period.
- Despite any other provision, IGIDR, may return a defective /Hardware/Solution to the Bidder within Sixty (30) days after replacement of the /Hardware/Solution. For the purpose of this section, "defective Solution" includes, but is not limited to: a) broken seals; b) missing items; and c) that are not the most current version at the time of shipping.
 - The Bidder shall provide, after the warranty commences for all /Solution components, telephone support to IGIDR during Business Days for assistance with the operation of the /Solution.
 - The bidder shall be fully responsible for the manufacturer's warranty in respect of proper design, quality and workmanship. Bidder must warrant all components, accessories, spare parts etc. against any manufacturing defects during the warranty period.

2.17 Scope Involved During Warranty and AMC Period (if contracted):

During the period of contract, up to completion of Warranty and also during Annual Maintenance Support (if contracted), the bidder shall do the following:

- During the period of contract, up to completion of Warranty and during Annual Maintenance Cost/Annual Technical Support [if contracted], the bidder should upgrade all release/version change of patches/ upgrades/ updates of hardware etc. as and when released by the selected bidder/OEM
- If any, License and Hardware updates provided by the OEM as free of cost, it should be provided and installed & configured by the selected bidder free of cost to the IGIDR during Warranty and AMC support [If contracted].
- Any corruption in the /License/Hardware shall be rectified during the full period of the contract including Warranty and AMC, if contracted, at no extra cost to the IGIDR.
- The SI shall make availability of spare parts/services, components etc. as and when required, and complete maintenance of the hardware during warranty period and AMC/ATS (if contracted).
- The support shall be given in person only.
- Only licensed copies shall be supplied. The bidder shall grant an irrevocable perpetual license to the IGIDR to use the. Further, all supplied shall be of the latest version.
- The bidder shall provide a centralized complaint booking/lodging facility to the IGIDR and the dash board, if available, shall be provided to the IGIDR. The method of booking complaints shall be E-mail, Toll-free no, on line portal, web, etc.
- Escalation matrix should be provided for support, technical, project etc.

2.18 Local Support:

- The selected bidder should be capable of meeting the service & support standards as specified in this Bid.



- The selected bidder shall provide Warranty and support [if contracted] during office Hours on all IGIDR Working days of the year for all the locations.

2.19 Response Time and Meantime to Restore [MTTR]

- Support shall be Next Business Day at IGIDR, Mumbai
- Resolution 48 hours, if not resolved the bidder must provide standby equipment.
- Time specified above is from lodging of complaint.
- However, penalties will be applied as per clause 2.13.

2.20 Mean Time Between Failures (MTBF):

If during the warranty period and AMC [If contracted], any hardware/Passive or items fails on three or more occasions in a quarter, such hardware/Passive items shall be replaced by equivalent / superior new hardware/ items by the bidder at no additional cost to the IGIDR.

2.21 Documents, Standard Operating Procedures and Manuals

All related documents, manuals, Standard Operating Procedures (SOPs), best practice documents and information furnished by the bidder shall become the property of the IGIDR.

2.22 Defect liability:

In case any of the supplies and equipment delivered under the Contract are found to be defective as to material and workmanship and / or not in accordance with the requirement, and/or do not achieve the guaranteed performance as specified herein, within the warranty and AMC period (if contracted) of the contract, the Bidder shall forthwith replace/make good such defective supplies at no extra cost to IGIDR without prejudice to other remedies as may be available to IGIDR as per bid terms.

2.23 Subcontracting:

- The selected bidder shall not subcontract or permit anyone other than its personnel to perform any of the work, service or other performance required of the selected bidder under the contract without the prior written consent of IGIDR.
- In case subcontracting is warranted in interest of the project, the selected bidder should take consent of IGIDR before undertaking any such agreement. The selected bidder should further ensure subcontracting agreement is vetted by IGIDR.
- Even if the selected bidder gets into subcontracting, accountability and responsibility of the resource provided shall lie with the selected bidder only. IGIDR shall hold correspondence only with the selected bidder.



2.24 Secure Deployment & Security Compliance to Policies and Process:

- All the hardware or required components should be shipped directly from OEM to IGIDR premises.
- The selected bidder shall abide by the access level agreement to ensure safeguards of the confidentiality, integrity and availability of the information systems. The selected bidder will not copy any data obtained while performing services under this bid to any media including hard drives, flash drives or other electronic device other than as expressly approved by IGIDR.
- The IGIDR will have the right to audit the bidder's people, processes, technology etc., as part of the vendor security risk assessment process.

2.25 Make and Models:

It is mandatory to provide Technology, make & model of all the items and their subcomponents as has been sought in the technical specification. The Offer may not be evaluated and / or will be liable for rejection in case of non-submission or partial submission of make, model of the items offered. Please note that substituting required information by just brand name is not enough. Bidders should not quote Technology, hardware which is already End of Sale. Bidders also should not quote hardware which are impending End of Sale.

2.26 Version:

The selected bidder should ensure usage of latest licensed with proper update/patches and their subcomponents as has been sought in the technical/functional requirements. The Offer may not be evaluated and / or will be liable for rejection in case of non-submission or partial submission of Version of the items offered. Please note that substituting required information by just name is not enough. Bidder should not quote which is already End of Sale. Bidder also should not quote which are impending End of Sale.

2.27 Documentation:

Technical information in the form of Brochures / Manuals / CD etc. of the most current and updated version available in English must be submitted in support of the Technical Offer made without any additional charges to the IGIDR. The IGIDR is at liberty to reproduce all the documents and printed materials furnished by the Bidder in relation to the Bid for its own use.



3 BID PROCESS

3.1 Clarification to RFP and Pre-Bid Queries

- The bidder should carefully examine and understand the specifications, terms and conditions of the bid and may seek clarifications, if required. The bidders in all such cases should seek clarification in writing to the Registrar, Indira Gandhi Institute of Development Research Gen A. K. Vaidya Marg, Film City Santosh Nagar, Goregaon East Mumbai 400065 in the same serial order as that of the bid by mentioning the relevant page number and clause number of the bid.
- All communications regarding points requiring clarifications and any doubts shall be given in writing to & in email to by the intending bidders as per the bid schedule.
- No queries will be entertained from the bidders after the due date and time mentioned in the bid document.
- No oral or individual consultation will be entertained.
- IGIDR will consolidate all the written queries and any further queries during the pre-bid meeting and the replies for the queries shall be made available in the IGIDR's website (www.igidr.ac.in) and no individual correspondence shall be made. The clarification of the IGIDR in response to the queries raised by the bidder/s, and any other clarification/amendments/corrigendum furnished thereof will become part and parcel of the BID and it will be binding on the bidders.
- No oral or individual consultation will be entertained

3.2 Pre-Bid Meeting

A pre-bid meeting of the intending bidders will be held on the date & time and at the venue specified in the Bid Schedule to clarify any point/doubt raised by them in respect of this BID. No separate communication will be sent for this meeting.

If the meeting date is declared as a holiday under NI Act by the Government subsequent to issuance of BID, the next working day will be deemed to be the pre-bid meeting day. Authorized representatives of interested bidders shall be present during the scheduled time. In this connection, IGIDR will allow maximum of Two (2) representatives from each Bidder to participate in the pre-bid meeting

IGIDR has the discretion to consider any other queries raised by the bidder's representative during the pre-bid meeting.

IGIDR will have liberty to invite its technical consultant or any outside agency, wherever necessary, to be present in the pre-bid meeting to reply to the technical queries of the Bidders in the meeting.

The IGIDR will consolidate all the written queries and any further queries during the pre-bid meeting and the replies for the queries shall be made available in the IGIDR's website. and no individual



correspondence shall be made. The clarification of IGIDR in response to the queries raised by the bidder/s, and any other clarification/amendments/corrigendum furnished thereof will become part and parcel of the BID and it will be binding on the bidders.

Non reply to any of the queries raised by the bidders during pre-bid Meeting shall not be considered as acceptance of the query/issue by the IGIDR.

3.3 Amendment to Bidding Document

At any time prior to the deadline for submission of Bids, the IGIDR, for any reason, whether, at its own initiative or in response to a clarification requested by prospective bidder, may modify the bidding document, by amendment.

Notification of amendments will be made available on the IGIDR's website only and will be binding on all bidders and no separate communication will be issued in this regard.

In order to allow prospective bidders reasonable time in which to take the amendment into account in preparing their bids, the IGIDR, at its discretion, may extend the deadline for a reasonable period as decided by the IGIDR for submission of Bids

3.4 Instruction to Bidders

This is two bid system which has following 2 (Two) parts:

- **Part A-Conformity to Eligibility Criteria cum Technical Proposal:** Indicating their compliance to Eligibility Criteria. The format for submission of Conformity to Eligibility Criteria is as per **Annexure-C** and **Annexure-U** for Bill of Material Indicating the response to the Technical/Functional specification/requirements of the subject BID.
- **Part B-Financial/Commercial Bid:** Furnishing all relevant information as required as per Bill of Material as per **Annexure-W**.

All the parts must be submitted at the same time but **in separate sealed covers**, giving full particulars, addressed to:

The Registrar
Indira Gandhi Institute of Development Research
Gen. A.K. Vaidya Marg
Goregaon East,
Mumbai - 400 065 (INDIA)
Tel: (022) 69096200 (Board Number)



Tender should be submitted in sealed envelope, supported by prescribed annexure; EMD, Technical bid and the financial bid shall be placed in separate sealed envelopes each marked as “Envelope-1: EMD”, “Envelope-2: Pre-qualification & Technical Bid”, “Envelope-3: Financial bid” respectively. All three envelopes shall be submitted together in another sealed envelope endorsed “**Supply, Installation, Testing & Commissioning of Wi-Fi System**”. The bid will be received **up to 05:00 PM on 08 February 2024**. There is a Tender Box kept near IGIDR security Main gate. The envelope should be dropped in the tender box and the name of the bidder should be entered in a register.

A scanned copy of Pre-Qualification and Technical bid documents should also be provided through email to tender@igidr.ac.in

Please note that if any envelope is found to contain eligibility, technical and commercial offer in a single envelope, then that offer will be rejected outright.

3.5 Preparation of Bids

- Eligibility Criteria cum Technical Proposal
 - Before submitting the bid, the bidders should ensure that they conform to the Eligibility criteria as stated in **Annexure-C** of this BID. Only after satisfying themselves of the Eligibility criteria, the Offer should be submitted.
 - It is mandatory to provide the compliance to Scope of Work in the exact format of Annexure-N and Technical and Functional Requirements /Bill of Material as per Annexure – U of this BID.
 - The offer may not be evaluated and may be rejected by the IGIDR without any further reference in case of non-adherence to the format or partial submission of technical information as per the format given in the offer.
 - If any part of the technical/functional requirements offered by the bidder is different from the technical/functional requirements sought in the BID, the bidder has to substantiate the same in detail the reason of their quoting a different technical/functional requirement than what is sought for, like better feature or non-availability/ feasibility of the technical/functional requirements quoted by IGIDR, invariably to process the technical offer.
 - The IGIDR shall not allow / permit changes in the technical/functional requirements once it is submitted.
 - The relevant solution information, brand, and solution offered, printed product brochure, technical/functional specification, datasheets etc. should be submitted along with the Offer. Failure to submit this information along with the offer may result in disqualification.
 - The Technical Proposal should be complete in all respects and contain all information sought for. Masked Bill of Material must be attached in Technical Offer and should not contain any price information. Technical Proposal should be complete and should cover all products and services. Technical Proposal without masked Bill of Materials will be liable for rejection.



- Masked Bill of Material which is not as per below instruction will make Bid liable for rejection:
 - Should be replica of Bill of Material except that it should not contain any price information (with Prices masked).
 - It should not provide any price information like, unit price, tax percentage, tax amount, etc.
- **Financial Bid**
 - Financial Bid shall be submitted as per Bill of Material and other terms and conditions of BID on prices. The Commercial Bid should give all relevant price information as per **Annexure-W**. Any deviations from the Bill of Material / non submission of prices as per the format shall make the bid liable for rejection.
 - The Bill of Material must be attached in Technical Proposal as well as Commercial Bid. The format will be identical for both Technical Proposal and Commercial Bid, except that the Technical Proposal should not contain any price information (with Prices masked). Any change in the Bill of Material format may render the bid liable for rejection.
 - Bidders must take care in filling price information in the Commercial Offer, to ensure that there are no typographical or arithmetic errors. All fields must be filled up correctly.
 - Any change in the Bill of Material format may render the bid liable for rejection. The Commercial Bids that are incomplete or conditional are liable to be rejected.
 - The bidder should indicate the individual taxes, and its applicable rate along with the estimated tax amounts to be paid by the IGIDR.

3.6 Earnest Money Deposit (EMD)/Bank Guarantee in lieu of EMD

The bidder shall furnish Non interest earning Earnest Money Deposit (EMD) amount as mentioned in the Bid Schedule by way of Demand Draft drawn on any Scheduled Bank in India in favour of Indira Gandhi Institute of Development Research Ltd, payable at Mumbai and should be kept along with the **Part-A-Conformity to Eligibility Criteria cum Technical Proposal**

In Case the EMD is submitted in the form of Bank Guarantee the same should be valid for the minimum period of 3 months with additional claim period of 3 months from the last date for submission of offer. IGIDR at its discretion can demand for extension for the validity of EMD. The format for submission of EMD in the form of Bank Guarantee is as per **Annexure-I**.

The Bank Guarantee issued on behalf of Bidder in favour of Indira Gandhi Institute of Development Research shall be in paper form. The format for submission of EMD in the form of Bank Guarantee is as per **Annexure-I**.

Submission of EMD in other than Part A-Conformity to Eligibility Criteria Envelope is liable to be rejected on grounds of non-submission of EMD.



The EMD of the Bidders not qualified under Part A- Conformity to Eligibility Criteria will be returned within 30 days after opening the Technical Proposals of the bidders qualified under Part A- Conformity to Eligibility Criteria. The EMD of the Bidders not qualified under Part B- Technical Proposal will be returned within 30 days after opening the Commercial Bid of the Technically Qualified Bidders. The EMD of Technically Qualified bidders will be returned upon the selected bidder accepting the order and furnishing the Performance Bank Guarantee.

The EMD may be forfeited/ Bank Guarantee may be invoked:

If the bidder withdraws or amends the bid during the period of bid validity specified in this document.

If the selected bidder fails to accept the purchase order within 7 days or fails to sign the contract or fails to furnish performance guarantee in accordance with the terms of the BID.

3.7 Assumptions/Presumptions/Modifications

The IGIDR would like to expressly state that any assumption, presumptions, modifications, terms, conditions, deviation etc., which the bidder includes in any part of the Bidder's response to the BID, will not be taken into account either for the purpose of evaluation or at a later stage, unless such assumptions, presumptions, modifications, terms, conditions deviations etc., have been accepted by the IGIDR and communicated to the bidder in writing. The bidder at a later date cannot make any plea of having specified any assumption, terms, conditions, deviation etc in the bidder's response to this BID document. No offer can be modified or withdrawn by a bidder after submission of Bid/s.



4 SELECTION OF BIDDER

4.1 Preliminary Scrutiny

The IGIDR will scrutinize the Bid/s received to determine whether they are complete in all respects as per the requirement of BID, whether the documents have been properly signed, whether items are offered as per BID requirements and whether technical documentation as required to evaluate the offer has been submitted.

Prior to detailed evaluation, the IGIDR will determine the substantial responsiveness of each Bid to the bidding document. Substantial responsiveness means that the bid conforms to all terms and conditions, scope of work and technical specifications and bidding document is submitted without any deviations

4.2 Clarification of offers

During the process of scrutiny, evaluation and comparison of offers, the IGIDR may, at its discretion, seek clarifications from all the bidders/any of the bidders on the offer made by them. The bidder has to respond to the IGIDR and submit the relevant proof /supporting documents required against clarifications, if applicable. The request for such clarifications and the Bidders response will necessarily be in writing and it should be submitted within the time frame stipulated by the IGIDR.

The IGIDR may, at its discretion, waive any minor non-conformity or any minor irregularity in the offer. IGIDR's decision with regard to 'minor non-conformity' is final and the waiver shall be binding on all the bidders and the IGIDR reserves the right for such waivers

4.3 Evaluation of Bids

The IGIDR will evaluate the bid submitted by the bidders under this BID. The Bid will be evaluated by a committee of officers of the IGIDR. If warranted, the IGIDR may engage the services of external consultants for evaluation of the bid. It is IGIDR's discretion to decide at the relevant point of time.

Technical Proposal: The Technical Proposal submitted by the bidders will be evaluated based on documents submitted against this BID and IGIDR will seek clarification, if required.

- The technical proposal evaluation will be for technical evaluation parameters as per Annexure-M and necessary clauses as mentioned in other part of this document.
- Based on the evaluation as per Annexure-M, each bidder will be given certain marks. Only those bidders scoring minimum 70% and complying Scope of Work (Annexure-N) and Technical and Functional Requirements (Annexure – U) without any deviations and fulfilling other terms & conditions of this BID will be declared as technically qualified bidders.

Financial Bid: The Financial Bid of only those bidders who qualified in Technical Proposal will be opened and will be evaluated.



Techno Commercial Evaluation Process: The final selection of the bidder will be based as per the process mentioned below:

The Techno-Commercial evaluation process will consist of two stages:

- Eligibility and Technical Evaluation
 - Commercial Evaluation
-
- The evaluation process aims to find out the best fit (based on technical and commercial evaluation) of bidder and can be summarized in the following points.
 - The technical evaluation shall be performed first to identify the list of bidders as per the technical evaluation criteria defined in the **Annexure-M** of the bid.
 - The bidders scoring less than 70% marks in the technical evaluation will not be considered for the selection process and their Commercial Bids will not be opened.
 - Each qualified bidder in Technical Evaluation (i.e., bidders who obtain 70% or more marks in technical evaluation criteria) shall be assigned a Technical Score (T).
 - The Financial bids of only those bidders, who have been assigned with a Technical Score (T) after technical evaluation, would be opened.
 - The bidders should submit the commercial bill of material covering cost for each Services (for each line item) and total cost for the IGIDR as per Bill of Material (**Annexure-W**).
 - The Criteria for Technical Evaluation and Commercial Evaluation will have weightage of 70:30.
 - After completion of Commercial Bid evaluation. The Commercial Bid will comprise of the Total Cost for Company (TC_B) and break-up of their final price as per **Annexure-W**.
 - The final selection of the bidder will be based on the Technical Score (T) and the Total Cost to the Company (TC_B). (T1L1 Basis)
 - Sample evaluation process is shown below:

The formula for QCBC:

- Technical Score:
 - a) The highest technical bid (H1) bidder will be awarded a 100% score.
 - b) The technical score of a Bidder = $[(\text{Technical Mark of the Bidder} / \text{Technical Mark of H1 Bidder}) \times 100] \%$.
 - c) Marks will be adjusted to two decimal places.
- Financial Score:
 - a) The lowest financial bid (L1) bidder will be awarded a 100% score.
 - b) The financial score of a Bidder = $[(\text{Financial quote of L1 Bidder} / \text{Financial quote of the Bidder}) \times 100] \%$.
 - c) Marks will be adjusted to two decimal places.



Composite Score:

1. The composite score of the bidders for the bid shall be worked out as under:

Bidder	Technical Score	Commercial Score	Technical Weightage (70% of B)	Commercial Weightage (30% of C)	Composite Score $F = (D+E)$
A	B	C	D	E	F

2. The bidder securing the highest Composite Bid Score will be adjudicated as the Best Value Bidder for the award of the Project.
3. If the bid composite scores are 'tied,' the bidder securing the highest technical score will be adjudicated as the Best Value Bidder for the award of the Project.

Based on the above specified final evaluation criteria, the most responsive bidder will be considered further for contract placement after complete clarification/verification as decided by the Institute.

The tender committee will evaluate and cross-check the correctness of data provided by the bidders by making necessary inquiries with the concerned agencies.

Further, without affecting the sanctity of the above criteria, the Institute reserves the right to relax any condition of eligibility criteria qualifying the proposal(s) based on the merit of each case and if the situation so warrants in the interest of the Institute.

The bidding process results will be communicated in writing to the successful bidder.

4.4 Bidders Presentation /Site Visits

- Only those bidders who have cleared the Pre-Qualification will be called for Presentation. IGIDR will intimate the qualified bidders by email.
- Setting of evaluation criteria for demonstrations shall be entirely at the discretion of the Company. The decision of IGIDR in this regard shall be final and, in this regard, no correspondence shall be entertained.
- All expenses incurred in connection with the above shall be borne by the bidder.
- The presentation/document shared during the presentation shall form the integral part of the offer made by the bidder and features mentioned therein should be delivered as part of the offer by the bidder at no extra cost to IGIDR irrespective of the fact that such features are explicitly mentioned in the Bid or not.

IGIDR reserves the right to call for a presentation on the features and functionalities from those Bidders who have qualified in Part A-Conformity to Eligibility Criteria.



Scope of Presentation:

Technical Presentation - Expert Committee for the Technical Presentation will evaluate the following:

- Value addition to current system
- Resource Planning: the bidder's capability and product quality (Project Team deployment plan, System Configurability and Upgradation, Delivery and Quality of Previous project implementation timelines (From Project kick-off time to Handover date and Time))
- Technical Expertise: technology and other suitability related aspects (Solution Architecture)
- Client Testimonials/Client Project Completion Report/Client Project Success Report for similar kind of projects.

However, this list is not the final list and committee may modify it at any later stage. Note- The Technical Presentation will be held at IGIDR, Mumbai and Bidder will have to make all the arrangements to attend the same according to the notified date and time at their own.

4.5 Normalization of Bids

The IGIDR may go through a process of technical evaluation and normalization of the bids to the extent possible and feasible to ensure that, shortlisted bidders are more or less on the same technical ground. After the normalization process, if the IGIDR feels that, any of the Bids needs to be normalized and that such normalization has a bearing on the price bids; the IGIDR may at its discretion request all the technically shortlisted bidders to re-submit the technical and Financial Bids once again for scrutiny. The resubmissions can be requested by the IGIDR in the following manner;

Incremental bid submission in part of the requested clarification by the IGIDR.

OR

Revised submissions of the entire bid in the whole

IGIDR can repeat this normalization process at every stage of bid submission till IGIDR is satisfied. The shortlisted bidders agree that they have no reservations or objections to the normalization process and all the technically shortlisted bidders will, by responding to this BID, agree to participate in the normalization process and extend their co-operation to the IGIDR during this process.

The shortlisted bidders, by submitting the response to this BID, agree to the process and conditions of the normalization process.



5 OWNERSHIP & AWARDING OF CONTRACT

5.1 Bid Validity Period

The Offer submitted and the prices quoted therein shall be valid for 180 days from the date of opening of Commercial Bid. Bid valid for any shorter period shall be rejected by the IGIDR

5.2 Proposal Ownership

The proposal and all supporting documentation submitted by the bidder shall become the property of IGIDR. As the Bidder's proposal is central to the evaluation and selection process, it is important that, the bidder carefully prepares the proposal as per the prescribed format only. Under no circumstance, the format can be changed, altered or modified. Bidders must provide categorical and factual replies to specific questions. Bidders may provide additional technical literature relating to their proposal but in a separate Annexure. Correct and current technical details must be completely filled in. The Appendices/Annexures to this BID shall form integral part of the BID.

5.3 Project Ownership

If the bidder is offering solutions/products from other bidders/principals, as required in this BID, they shall detail the responsibilities of the parties involved and also submit a letter of undertaking from the parties mentioning their consent and assurance for satisfactory performance of the project. The bidder must specify any and all relationships with third parties in respect of the ownership and also maintenance & support of all hardware related to Solution which are relevant to this BID.

Ownership letter by the bidder to be submitted (Undertaking letter by the bidder taking the ownership of the project execution) in case third party also involved in project execution either fully or partially. The bidder shall also submit the ownership certificate issued by the third party clearly mentioning the extent of ownership.

The Bidder also has to submit a certificate/Letter from OEM that the proposed services any other related offered by the bidder to the IGIDR are correct, viable, technically feasible for implementation and it will work without any hassles.

5.4 Acceptance of Offer

IGIDR reserves its right to reject any or all the offers without assigning any reason thereof whatsoever.

IGIDR will not be obliged to meet and have discussions with any bidder and/or to entertain any representations in this regard.

The bids received and accepted will be evaluated by the IGIDR to ascertain the best bid in the interest of the IGIDR. However, the IGIDR does not bind itself to accept the lowest or any Bid and reserves the right to reject any or all bids at any point of time prior to the order without assigning any reasons



whatsoever. The IGIDR reserves the right to re-tender the BID with or without modifications. IGIDR shall not be obliged to inform the affected bidder(s) of the grounds for the IGIDR's rejection.

The bidder including those, whose tender is not accepted shall not be entitled to claim any costs, charges, damages and expenses of and incidental to or incurred by him through or in connection with his submission of tenders, even though the IGIDR may elect to modify/withdraw the tender.

5.5 Award of Contract

For award of contract, the clauses mentioned in **Annexure-F** shall be applicable in addition to other provisions in the bidding document in this regard.

IGIDR may release the order either in Full or in part or place more than one order towards the contract based on project plan.

The selected bidder shall submit the acceptance of the order within seven days from the date of receipt of the order. No conditional or qualified acceptance shall be permitted. The effective date for start of provisional contract with the selected Bidder shall be the date of acceptance of the order by the bidder. IGIDR reserves its right to consider at its sole discretion the late acceptance of the order by the selected bidder.

The Shortlisted bidder/s will be required to supply the solution along with the hardware/ to various Offices of the IGIDR at the rates not higher than the agreed rate finalized under this BID

5.6 Effective Date

The effective date shall be the date of acceptance of the order by the selected bidder. However, the bidder shall submit the acceptance of the order within seven days from the date of receipt of order. The IGIDR reserves the right to consider the late acceptance of the order, if any, at its discretion.

Failure to accept the order within **seven days** from the date of receipt of the order, makes the EMD liable for forfeiture at the discretion of the IGIDR

5.7 Project Execution

The entire project needs to be completed expeditiously. IGIDR and the selected bidder shall nominate a Project Manager each immediately on acceptance of the order, who shall be the single point of contact for the project at Mumbai. However, for escalation purpose, details of other persons shall also be given. The project manager nominated by the bidder should have prior experience in implementing similar project. Project Kick-Off meeting should happen within 7 days from the date of acceptance of purchase order. The Bidder shall submit a Weekly progress report to the IGIDR as per format, which will be made available to the selected bidder. The entire project shall be managed by the IGIDR appointed "Project Management Consultant (PMC)". The PMC shall coordinate with IGIDR & the Bidder for Project execution.



5.8 Execution of Agreement

The successful bidder should accept the Purchase Order within two days and execute the agreement within 7 days from the date of issuance of the Purchase Order. The selected bidder shall sign a stamped “Agreement” with the IGIDR at Mumbai as per the format provided by the IGIDR (Annexure-F). Failure to execute the Agreement makes the EMD liable for forfeiture at the discretion of the IGIDR and also rejection of the selected Bidder.

The Agreement shall include all terms, conditions and specifications of BID and also the Bill of Material and Price, as agreed finally after Bid evaluation. The Agreement shall be executed in English language in one original, the IGIDR receiving the duly signed original and the selected Bidder receiving the photocopy. The Agreement shall be valid till all contractual obligations are fulfilled.

The Integrity Pact Agreement submitted by the bidder during the Bid submission will automatically form a part of the Contract Agreement till the conclusion of the contract

5.9 Pricing

The Price offered to the IGIDR must be in Indian Rupees inclusive of all taxes {inclusive of GST etc}. The Vendor has to quote the applicable taxes separately in the Bill of Material.

The item value along with GST should be claimed in the invoice and GST will be paid in actuals at our end.

No escalation in price quoted is permitted for any reason whatsoever. Prices quoted must be firm till the completion of the contract including warranty period.

From the date of placing the order till the delivery of the systems, if any changes are brought in the duties such as excise/customs etc., by the Government resulting in reduction of the cost of the systems, the benefit arising out of such reduction shall be passed on to the IGIDR.

Applicable Taxes will be paid at actuals.

5.10 Order Cancellation/Termination of Contract

IGIDR reserves its right to cancel the entire / unexecuted part of the Purchase Order at any time by assigning appropriate reasons and recover expenditure incurred by the IGIDR in addition to recovery of liquidated damages in terms of the contract, in the event of one or more of the following conditions:

- Delay in delivery of services in the specified period.
- Serious discrepancies noted in the inspection.
- Breaches in the terms and conditions of the Order.

The IGIDR reserves the right to cancel the contract placed on the selected bidder and recover expenditure incurred by the IGIDR on the following circumstances:



- Non submission of acceptance of order within 7 days of order.
- Excessive delay in execution of order placed by the IGIDR.
- The selected bidder commits a breach of any of the terms and conditions of the bid.
- The bidder goes into liquidation voluntarily or otherwise.
- An attachment is levied or continues to be levied for a period of 7 days upon the effects of the bid.
- The progress made by the selected bidder is found to be unsatisfactory.
- If deductions on account of liquidated Damages exceed more than 10% of the total contract price.
- IGIDR shall serve the notice of termination to the bidder at least 30 days prior, of its intention to terminate services.

In case the selected bidder fails to conduct an event as per stipulated schedule, the IGIDR reserves the right to get it conducted by alternate sources at the risk, cost and responsibility of the selected bidder by giving 7 days prior notice to the bidder.

After the award of the contract, if the selected bidder does not perform satisfactorily or delays execution of the contract, the IGIDR reserves the right to get the balance contract executed by another party of its choice by giving one months' notice for the same. In this event, the selected bidder is bound to make good the additional expenditure, which the IGIDR may have to incur to carry out for the execution of the balance of the order/contract. Such additional expenditure shall be incurred by the IGIDR within reasonable limits & at comparable price prevailing in the market. This clause is also applicable, if for any reason, the contract is cancelled.

The IGIDR reserves the right to recover any dues payable by the selected bidder from any amount outstanding to the credit of the selected bidder, including the pending bills and security deposit, if any, under this contract.

In addition to the cancellation of purchase order, the IGIDR reserves its right to invoke the Bank Guarantee or foreclose the Security Deposit given by the bidder towards non- performance/non-compliance of the terms and conditions of the contract, to appropriate towards damages.



6 GENERAL CONDITIONS

6.1 General Order Terms

Normally, the Order will be placed on the successful bidder as per the details given in the bid document. But, if there is any change in name/address/constitution of the bidding Firm/IGIDR at any time from the date of bid document, the same shall be informed by the bidders to IGIDR immediately.

This shall be supported with necessary documentary proof or Court orders, if any. Further, if the bidding Firm is undergoing any re- organization/ restructuring/ merger/ demerger and on account such a change the Firm/IGIDR is no longer performing the original line of business, the same shall be informed to the IGIDR. There shall not be any delay in this regard. The decision to place orders or otherwise under such situation shall rest with the IGIDR and the decision of the IGIDR shall be final.

6.2 Roles & Responsibility during Project Implementation

All tools, tackles, testing instruments, consumables, vehicles, etc., as required during all operations such as transport, installation, testing, commissioning maintenance during warranty and AMC etc., shall be provided by the Bidder at no extra cost to the IGIDR for completing the scope of work as per this BID.

The selected Bidder shall take all steps to ensure safety of Bidder's and the IGIDR's personnel during execution of the contract and also be liable for any consequences due to omission or act of the selected bidder or their sub-bidders.

In case of any damage of IGIDR's property during execution of the work is attributable to the bidder, bidder has to replace the damaged property at his own cost.

The selected bidder has to execute an Undertaking of Authenticity for **the solution** in Indira Gandhi Institute of Development Research. as per **Annexure O**

6.3 Responsibilities of the Selected Bidder

The Selected bidder has to inform change in the management of the company, if any, to the Company within 30 days from the date of such change during warranty and AMC period.

The Company will call for Audited Balance Sheet of the selected Bidder at any point of time during warranty and AMC period and the selected Bidder shall provide the same.

The selected bidder shall submit updated Escalation Matrix for the product/services on a Half-Yearly basis as at the end of 31st March and 30th September during warranty and AMC period.



6.4 Human Resource Requirement

The Bidder by executing the agreement shall be deemed to have unconditionally agreed as under:
The Bidder shall provide a contingent of well-trained personnel and extend necessary mentoring and operational support to the intermediary network of agents, etc. as part of the solution/service.

The Bidder shall confirm that every person deployed by them on the project has been vetted through a third-party background check prior to their engagement. The Bidder shall manage the activities of its personnel or others engaged in the project, etc. and shall be accountable for all the personnel deployed/engaged in the project

In case the performance of the Bidder/their CSP/agent/employees engaged in the project is not satisfactory or is detrimental to the interests of the IGIDR, The Bidder shall have to replace the said person within the time limits stipulated by the IGIDR. Where the Bidder fails to comply with the IGIDR's request, the IGIDR may replace the said person or their agents/employees on its own.

No right to employment in IGIDR shall accrue or arise to the employees or agents of the Bidder, by virtue of engagement of employees, agents, etc. of The Bidder for any assignment under this project. It is further clarified that the arrangement herein with the Bidder is a contract for service.

The Bidder shall exercise due diligence and only engage persons having established identity, integrity, requisite qualifications and skills and deployment experience for all critical activities.

The Bidder shall extend all of the outsourced Companying and financial services by deploying such personal that have high integrity and meet the qualifications and other criteria stipulated by the Reserve Company of India , Government or the IGIDR from time to time and agrees and undertake that during the subsistence of this agreement they will not employ any personnel/individual below the Minimum Wages fixed by appropriate Government on this behalf from time to time ,as per the provisions of Minimum Wages Act 1948

6.5 Responsibility for Completeness

The bidder shall ensure that the Solution provided [Hardware/ etc] meets all the technical and functional requirements as envisaged in the scope of the BID.

The bidder shall deliver, install, configure the supplied Solution as per technical specification and Scope of Work described elsewhere in the BID and arrange for user level demo at bidder's cost as per accepted time schedules. The bidder is liable for penalties levied by IGIDR for any deviation in this regard. The bidder shall provide for all drivers/ required to install, customize and test the system without any further charge, expense and cost to IGIDR.

The Bidder shall be responsible for any discrepancies, errors and omissions or other information submitted by him irrespective of whether these have been approved, reviewed or otherwise accepted by the IGIDR or not. The bidder shall take all corrective measures arising out of discrepancies, error and omission other information as mentioned above within the time schedule and without extra cost to the IGIDR



6.6 Inspection of Records

IGIDR at its discretion may verify the accounts and records or appoint third party for verification including an auditor for audit of accounts and records including Hardware, Passive & other items provided to the IGIDR under this BID and the vendor shall extend all cooperation in this regard.

6.7 Negligence

In connection with the work or contravenes the provisions of General Terms, if the selected bidder neglects to execute the work with due diligence or expedition or refuses or neglects to comply with any reasonable order given to him in writing by the IGIDR, in such eventuality, the IGIDR may after giving notice in writing to the selected bidder calling upon him to make good the failure, neglect or contravention complained of, within such times as may be deemed reasonable and in default of the said notice, the IGIDR shall have the right to cancel the Contract holding the selected bidder liable for the damages that the IGIDR may sustain in this behalf. Thereafter, IGIDR may make good the failure at the risk and cost of the selected bidder.

6.8 Assignment

The vendors shall not assign to anyone, in whole or in part, its obligations to perform under the BID/contract, except with the IGIDR's prior written consent.

6.9 Publicity

Any publicity by the bidder in which the name of the IGIDR is to be used will be done only with the explicit written permission of the IGIDR

6.10 Insurance

The Hardware to be supplied will be insured by the bidder against all risks of loss or damages from the date of shipment till such time, the same is delivered and installed at site and handed over to the IGIDR /Office.

The Bidder has to obtain transit insurance cover for the items to be delivered from their factory/go down to the location and such insurance cover should be available till installation of the Solution. If there is any delay in the installation which could be attributed to IGIDR, in such an event the insurance must be available for minimum 30 days from the date of delivery of Solution

6.11 Guarantees

The bidder should guarantee that the hardware items delivered to the IGIDR are brand new, including all components. In the case of, the bidder should guarantee that the supplied to the IGIDR includes all patches, updates etc., and the same are licensed and legally obtained. All hardware must be supplied with their original and complete printed documentation



6.12 Intellectual Property Rights

Bidder warrants that the inputs provided shall not infringe upon any third-party intellectual property rights, including copyrights, patents and other intellectual property rights of any nature whatsoever. Bidder warrants that the deliverables shall not infringe upon any third-party intellectual property rights, including copyrights, patents and other intellectual property rights of any nature whatsoever. The bidder should ensure that the Hardware supplied to the IGIDR shall not infringe the third-party intellectual property rights, if any.

The bidder has to ensure that third party rights are not infringed even in case of equipment / supplied on behalf of bidder.

In the event that the Deliverables become the subject of claim of violation or infringement of a third party's intellectual property rights, bidder shall at its choice and expense:

[a] procure for IGIDR the right to continue to use such deliverables;

[b] replace or modify such deliverables to make them non-infringing, provided that the same function is performed by the replacement or modified deliverables as the infringing deliverables; or [c] if the rights to use cannot be procured or the deliverables cannot be replaced or modified, accept the return of the deliverables and reimburse

IGIDR for any amounts paid to bidder for such deliverables, along with the replacement costs incurred by IGIDR for procuring an equivalent equipment in addition to the penalties levied by IGIDR. However, IGIDR shall not bear any kind of expense, charge, fees or any kind of costs in this regard. Notwithstanding the remedies contained herein, the bidder shall be responsible for payment of penalties in case service levels are not met because of inability of the IGIDR to use the proposed solution.

The indemnification obligation stated in this clause apply only in the event that the indemnified party provides the indemnifying party prompt written notice of such claims, grants the indemnifying party sole authority to defend, manage, negotiate or settle such claims and makes available all reasonable assistance in defending the claims [at the expenses of the indemnifying party]. Notwithstanding the foregoing, neither party is authorized to agree to any settlement or compromise or the like which would require that the indemnified party make any payment or bear any other substantive obligation without the prior written consent of the indemnified party. The indemnification obligation stated in this clause reflects the entire liability of the parties for the matters addressed thereby.

The bidder acknowledges that business logics, work flows, delegation and decision-making processes of IGIDR are of business sensitive nature and shall not be disclosed/referred to other clients, agents or distributors of Hardware/

6.13 Confidentiality and non-disclosure

The bidder shall take all necessary precautions to ensure that all confidential information is treated as confidential and not disclosed or used other than for the purpose of project execution. Bidder shall suitably defend, indemnify IGIDR for any loss/damage suffered by IGIDR on account of and to the extent



of any disclosure of the confidential information. The bidder shall furnish an undertaking as given in **Annexure-R**.

No media release/public announcement or any other reference to the BID or any program there under shall be made without the written consent of the IGIDR, by photographic, electronic or other means

6.14 Indemnity

The bidder shall keep and hold the IGIDR indemnified and harmless from time to time and at all times against all actions, proceedings, claims, suits, liabilities (including statutory liability), penalties, demands, charges, costs (including legal costs) and expenses, damages, losses and any other expenses which may be caused to or suffered by or made or taken against the IGIDR arising out of:

The breach, default or non-performance of undertakings, warranties, covenants or obligations by the bidder;

Any contravention or Non-compliance with any applicable laws, regulations, rules, statutory or legal requirements by the bidder;

The bidder shall indemnify, protect and save the IGIDR against all claims, losses, costs, damages, expenses, action suits and other proceedings, resulting from infringement of any law pertaining to patent, trademarks, copyrights etc. or such other statutory infringements in respect of **Solution** supplied by them.

All indemnities shall survive notwithstanding expiry or termination of the contract and bidder shall continue to be liable under the indemnities

The limits specified in above clause shall not apply to claims made by the IGIDR /third parties in case of infringement of Intellectual property rights or for claims relating to the loss or damage to real property and tangible personal property and for bodily injury or death and in these cases the liability will be unlimited.

All Employees engaged by the Bidder shall be in sole employment of the bidder and the bidder shall be solely responsible for their salaries, wages, statutory payments etc. That under no circumstances shall the IGIDR be liable for any payment or claim or compensation (including but not limited to compensation on account of injury / death / termination) of any nature to the employees and personnel of the bidder. Bidder's aggregate liability shall be subject to an overall limit of the total Cost of the project.

6.15 Force Majeure

The bidder shall not be liable for default or non-performance of the obligations under the contract, if such default or non-performance of the obligations under this contract is caused by any reason or circumstances or occurrences beyond the control of the bidder, i.e. Force Majeure.

For the purpose of this clause, "Force Majeure" shall mean an event beyond the control of the bidder, due to or as a result of or caused by acts of God, wars, insurrections, riots, earth quake and fire, events not foreseeable but does not include any fault or negligence or carelessness on the part of the bidder, resulting in such a situation.



In the event of any such intervening Force Majeure, the Bidder shall notify the IGIDR in writing of such circumstances and the cause thereof immediately within five calendar days. Unless otherwise directed by the IGIDR, the Bidder shall continue to perform

/ render / discharge other obligations as far as they can reasonably be attended / fulfilled and shall seek all reasonable alternative means for performance affected by the Event of Force Majeure.

In such a case, the time for performance shall be extended by a period (s) not less than the duration of such delay. If the duration of delay continues beyond a period of three months, the IGIDR and the Bidder shall hold consultations with each other in an endeavour to find a solution to the problem. Notwithstanding above, the decision of the IGIDR shall be final and binding on the Bidder

6.16 Responsibilities of the Bidder

By submitting a signed bid/response to this BID the Bidder certifies that:

The Bidder has arrived at the prices in its bid without agreement with any other bidder of this BID for the purpose of restricting competition.

The prices in the bid have not been disclosed and shall not be disclosed to any other bidder of this BID.

No attempt by the Bidder to induce any other bidder to submit or not to submit bid to a restricting competition has occurred.

Each Bidder must indicate whether or not they have any actual or potential conflict of interest related to contracting services with Indira Gandhi Institute of Development Research. In case such conflicts of interest do arise, the Bidder must indicate the manner in which such conflicts can be resolved.

The Bidder represents and acknowledges to the IGIDR that it possesses necessary experience, expertise and ability to undertake and fulfil its obligations, under all phases involved in the performance of the provisions of this BID. The Bidder represents that all and hardware to be supplied in response to this BID shall meet the requirement of the solution proposed by the Bidder. The Bidder shall be required to independently arrive at a solution, which is suitable for the IGIDR, after taking into consideration the effort estimated for implementation of the same. If any services, functions or responsibilities not specifically described in this BID are an inherent, necessary or customary part of the deliverables or services and are required for proper performance or provision of the deliverables or services in accordance with this BID, they shall be deemed to be included within the scope of the deliverables or services, as if such services, functions or responsibilities were specifically required and described in this BID and shall be provided by the Bidder at no additional cost to the IGIDR. The Bidder also acknowledges that the IGIDR relies on this statement of fact, therefore neither accepting responsibility for, nor relieving the Bidder of responsibility for the performance of all provisions and terms and conditions of this BID, the IGIDR expects the Bidder to fulfil all the terms and conditions of this BID.

6.17 Corrupt and Fraudulent Practices

As per Central Vigilance Commission (CVC) directives, it is required that Bidders



/Suppliers / Contractors observe the highest standard of ethics during the procurement and execution of such contracts in pursuance of this policy:

"Corrupt Practice" means the offering, giving, receiving or soliciting of anything of values to influence the action of an official in the procurement process or in contract execution AND

"Fraudulent Practice" means a misrepresentation of facts in order to influence a procurement process or the execution of contract to the detriment of the IGIDR and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the IGIDR of the benefits of free and open competition.

The IGIDR reserves the right to reject a proposal for award if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question.

The IGIDR reserves the right to declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a contract if at any time it determines that the firm has engaged in corrupt or fraudulent practices in competing for or in executing the contract.

The decision of IGIDR in determining the above aspects will be final and binding on the all the Bidders. No Bidder shall contact through any means of communication the IGIDR or any of its employees on any matter relating to its Bid, from the time of Bid opening to the time the contract is awarded. If the bidder wishes to bring additional information to the notice of the IGIDR, it may do so in writing.

Any effort/attempt by a bidder to influence the IGIDR in its decision on bid evaluation, bid comparison or contract award may result in rejection of the Bidder's bid and/or blacklisting the Bidder. The Bidder agrees not to hire, solicit or accept solicitation either directly or through a third party from any of the employees of the IGIDR directly involved in this contract during the period of contract and one year thereafter, except as the parties may agree on the case-to-case basis

The selected bidder shall ensure compliance of CVC guidelines issued or to be issued from time to time for selection of vendor for Supply, Implementation, Migration and Support of the Solution by the IGIDR.

6.18 Adoption of Integrity Pact

- The Pact essentially envisages an agreement between the prospective bidders and the IGIDR, committing the persons/officials of both sides, not to resort to any corrupt practices in any aspect/stage of the contract.
- Only those bidders, who commit themselves to the above pact with the IGIDR, shall be considered eligible for participate in the bidding process.
- The bidder shall submit signed Pre-Contract integrity pact as per IGIDR's format along with the bid. Those bids which are not containing the above are liable for rejection.
- Foreign Bidders to disclose the name and address of agents and representatives in India and Indian Bidders to disclose their foreign principles or associates.



- Bidders to disclose the payments to be made by them to agents/brokers or any other intermediary. Bidders to disclose any transgressions with any other IGIDR that may impinge on the anti-corruption principle.
- Integrity Pact in respect this contract would be operative from the stage of invitation of the Bids till the final completion of the contract. Any violation of the same would entail disqualification of the bidders and exclusion from future business dealings.
- The Integrity Pact Agreement submitted by the bidder during the Bid submission will automatically form the part of the Contract Agreement till the conclusion of the contract i.e. the final payment or the duration of the Warranty/Guarantee/AMC if contracted whichever is later.
- Integrity Pact, in respect of a particular contract would be operative stage of invitation of bids till the final completion of the contract. Any violation of the same would entail disqualification of the bidders and exclusion from future business dealings.
- Integrity pact shall be signed by the person who is authorized to signed the Bid.

6.19 Amendments to the Agreement

Once agreement is executed with the bidder, no amendments or modifications of Agreement and no waiver of any of the terms or conditions thereof shall be valid or binding unless made in writing and mutually agreed by the parties.

6.20 Amendments to the Purchase Order

Once purchase order is accepted by the bidder, no amendments or modifications of order and no waiver of any of the terms or conditions thereof shall be valid or binding unless made in writing and mutually agreed by the parties.

6.21 Modification/Cancellation of the BID

The IGIDR reserves the right to modify/cancel/re-tender without assigning any reasons whatsoever. The IGIDR shall not incur any liability to the affected bidder(s) on account of such rejection. IGIDR shall not be obliged to inform the affected bidder(s) of the grounds for the IGIDR 's rejection/cancellation.

6.22 Right to Audit

- The SI has to get itself annually audited by internal/ external empanelled Auditors appointed by the PURCHASER/inspecting official from the Reserve Bank of India or any regulatory authority, covering the risk parameters finalized by the PURCHASER/such auditors in the areas of products (IT hardware/) and services etc., provided to the PURCHASER and the SI is required to submit such certification by such Auditors to the PURCHASER. The SI and or his/their outsourced agents/subcontractors (if allowed by the PURCHASER) shall facilitate the same. The PURCHASER can make its expert assessment on the efficiency and effectiveness of the security, control, risk



management, governance system and process created by the SI. The SI shall, whenever required by the Auditors, furnish all relevant information, records/data to them. All costs for such audit shall be borne by the PURCHASER.

- Where any deficiency has been observed during audit of the SI on the risk parameters finalized by the PURCHASER or in the certification submitted by the Auditors, the VENDOR shall correct/resolve the same at the earliest and shall provide all necessary documents related to resolution thereof and the auditor shall further certify in respect of resolution of the deficiencies. The resolution provided by the SI shall require to be certified by the Auditors covering the respective risk parameters against which such deficiencies have been observed.
- The VENDOR shall, whenever required by the PURCHASER, furnish all relevant information, records/data to such auditors and/or inspecting officials of the PURCHASER/Reserve Bank of India and or any regulatory authority. The PURCHASER reserves the right to call and/or retain for any relevant material information/reports including auditor review reports undertaken by the VENDOR (e.g., financial, internal control and security reviews) and findings made on VENDOR in conjunction with the services provided to the PURCHASER.

6.23 Social Media Policy

- No person of the Company or the contractors and third parties shall violate the social media policy of the IGIDR
- The following acts on the part of personnel of the IGIDR or the contractors and third parties shall be construed as violation of social media policy:
 - Non-adherence to the standards/guidelines in relation to social media policy issued by the Company from time to time.
 - Any omission or commission which exposes the Company to actual or potential monetary loss or otherwise, reputation loss on account of non-adherence of social media related systems and procedures.
 - Any unauthorized use or disclosure of IGIDR's confidential information or data.
 - Any usage of information or data for purposes other than for Company's normal business purposes and / or for any other illegal activities which may amount to violation of any law, regulation or reporting requirements of any law enforcement agency or government body.

6.24 Resolution of Disputes

All disputes and differences of any kind whatsoever, arising out of or in connection with this Contract or in the discharge of any obligation arising under this Contract (whether during the course of execution of the order or after completion and whether beyond or after termination, abandonment or breach of the Agreement) shall be resolved amicably. In case of failure to resolve the disputes and differences amicably the matter may be referred to a sole arbitrator mutually agreed upon after issue of at least 30 days' notice in writing to the other party clearly setting out there-in the specific disputes. In the event of parties failing to consent upon a single arbitrator than BOTH PARTIES shall approach Court of Law for the appointment of sole arbitrator as provided under the Arbitration and Conciliation Act 1996. Place of Arbitration shall be Mumbai, INDIA which will be governed by Indian Arbitration and Conciliation Act 1996. Proceedings of Arbitration shall be conducted in English language only.



6.25 Legal Disputes and Jurisdiction of the court

The IGIDR Clarifies that the IGIDR shall be entitled to an injunction, restraining order, right for recovery, specific performance or such other equitable relief as a court of competent jurisdiction may deem necessary or appropriate to restrain bidder/prospective bidder from committing any violation or enforce the performance of the covenants, obligations and representations contained in this BID. These injunctive remedies are cumulative and are in addition to any other rights and remedies the IGIDR may have at law or in equity, including without limitation a right for recovery of any amounts and related costs and a right for damages.

All disputes and controversies between IGIDR and Bidder shall be subject to the exclusive jurisdiction of the courts in **Mumbai** and the parties agree to submit themselves to the jurisdiction of such court as this BID/Contract agreement shall be governed by the laws of India.

6.26 Erasures or Alterations:

The Offers containing erasures or alterations or overwriting will not be considered. There should be no hand-written material, corrections or alterations in the offer. Technical details must be completely filled in. Correct technical information of the product being offered must be filled in. Filling up of the information using terms such as “OK”, “accepted”, “noted”, “as given in brochure/manual” is not acceptable. The IGIDR may treat such Offers as not adhering to the tender guidelines and as unacceptable.

6.27 Right to Alter Quantities/Location:

In the event of changes in plans of the IGIDR, IGIDR reserves the right to alter the quantities / locations for implementing the product by adding/deleting/substituting the devices/locations, etc., from the one specified in the tender at the same rate arrived on the same terms and conditions of this BID.



7 Annexure A: Bid Covering Letter

Bid Covering Letter

[On letterhead]

(to be included in Part A - Conformity to Eligibility Criteria Envelope)

Reference No:

Date:

The Registrar
Indira Gandhi Institute of Development Research
Gen A.K. Vaidya Marg, Film City Santosh Nagar
Goregaon East Mumbai 400065

Dear Sir,

SUB: BID for **Supply, Installation, Testing & Commissioning of Wi-Fi System**

Ref: IGIDR/Tender/2024/CC/05

We have examined the above-mentioned tender document including all annexures the receipt of which is hereby duly acknowledged and subsequent pre-bid clarifications/modifications/amendments, if any, furnished by the Company and we, the undersigned, offer for subject items are in conformity with the said tender in accordance with the schedule of prices indicated in the commercial offer and made part of this offer.

The undersigned is authorized to sign on behalf of the Bidder Company and the necessary supporting documents delegating this authority is enclosed to this letter.

If our offer is accepted, we undertake to complete the formalities of deliverables as per BID for /Hardware/Solution/Services as per timelines mentioned in the BID.

If our offer is accepted, we undertake to provide technical consultancy / Service support / Guidance for the items/solution supplied as per the above referred BID, during contract period. We enclose a Demand Draft /Bank Guarantee in lieu of EMD as per BID in favour of Indira Gandhi Institute of Development Research as EMD or Exemption certificate in lieu of EMD.

We agree to abide by this offer till 180 days from the date of Financial Bid opening / Successful Auction Event and for such further period as mutually agreed between the IGIDR and successful bidder, and agreed to in writing by the bidder. We also agree to keep the Earnest Money Deposit/Bank Guarantee in lieu of EMD during the entire validity period of the tender. However, if we withdraw our offer within the said validity period, you shall have the right to forfeit the EMD/invoke the Bank Guarantee in lieu of EMD, without reference to us. We agree to abide by and fulfil all the terms and conditions of the tender and in default thereof, to forfeit and pay to you or your successors, or authorized nominees such sums of money as are stipulated in the conditions contained in tender together with the return acceptance of



the contract.

We accept all the Instructions, Technical Specifications, Terms and Conditions and Scope of Work of the subject BID. We understand that the Company is not bound to accept the lowest or any offer the Company may receive without assigning any reason whatsoever

We hereby unconditionally accept that Company can at its absolute discretion apply whatever criteria it deems appropriate, not just limiting to those criteria set out in the BID, in shortlisting of bidders.

We will not sub-contract works to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority (refer: F/No.6/18/2019- PPD dated 23/07/2020 of Public Procurement Division, Department of Expenditure, Ministry of Finance). We further understand that any false declaration and non-compliance of the above would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

All the details mentioned by us are true and correct and if Company observes any misrepresentation of facts on any matter at any stage, Company has the absolute right to reject the proposal and disqualify us from the selection process. Company reserves the right to verify
/Evaluate the claims made by the Bidder independently.

We confirm that we have noted the contents of the BID and have ensured that there is no deviation in filing our response to the BID and that the Company will have the right to disqualify us in case of any such deviations.

We hereby undertake that we have not been blacklisted/debarred by any Scheduled Commercial Company's/Public Sector Undertakings/Government Entities in India as on date.

Date

Signature with

seal Name :

Designation :



8 Annexure B: Format for Sending Pre-bid Queries

SNO	Page No	Clause No	BID Clause	Bidders Query



9 Annexure C: Eligibility Criteria Selection

The Registrar
Indira Gandhi Institute of Development Research
Gen A.K. Vaidya Marg, Film City Santosh Nagar
Goregaon East Mumbai 400065

SUB: BID for Supply, Installation, Testing & Commissioning of Wi-Fi System

Ref: IGIDR/Tender/2024/CC/05

We have carefully gone through the contents of the above referred BID and Replies to Prebid Queries and Amendments and furnish the following information relating to Eligibility Criteria:

Sr. No	Eligibility Criteria	Required details to be accompanying the Bid document
1	The Bidder should be registered Company in India as per Indian Companies Act, 1956 or Indian Companies Act, 2013 and the bidder registered office should be in MMRDA region for a minimum period of 5 years as on schedule date of bid opening	Certificate of incorporation will have to be submitted
2	A Bidder should be system integrator who is having highest level partnership with the OEM and also duly authorized by the OEM (Original Equipment Manufacturer)	Partnership Certificate and MAF to be furnished for this tender
3	The Bidder should have an average annual turnover of at least Rs. 20 Crores during last three financial years from India Operations i.e. for year 2020-21,2021-22, 2022-23 with positive net worth.	CA certificate for turnover and net worth as mentioned in the criteria. Audited Balance sheets from company Statutory Auditor/ CA
4	The Bidder and its OEM {themselves or through reseller(s)} should have at least 5 years of experience in supply and maintenance of IT Infrastructure (Passive, Switching, Routing, Security and WI-FI) in Government/Semi Govt./ PSUs/Public Ltd/ Educational Institutes/Autonomous bodies of Central/ State Govt./Private Institution /Enterprises / BFSI etc	PO copies from client to be enclosed in case of nondisclosure agreement, confirmation regarding size and value of the project may be submitted from the client
5	Partnership Level: The Bidder should have the Premium/Gold/Platinum or above level of partnership with the respective OEM he is bidding for.	Partnership certificate should enclose
6	The Bidder and its OEM {themselves or through reseller(s)} should have experience	PO /WO copies should enclose



	in end-to-end implementation of at least 1 project of structured networking infrastructure such as Wi-Fi, switches of the minimum INR 1.44 Cr one project or 2 projects of minimum INR 90 Lakh each or 3 projects of minimum INR 72 Lakh each within last 7 (seven) years	
7	OEM should have presence in INDIA for more than 7 years	Supporting documents such as Company registration certificate etc.
8	Bidder and OEM should have Toll Free Technical Assistance Centre should be available 24X7, without any holidays. The OEM should have its own website having product related information support related information	Contact information and availability hour's details. Provide detail of web linkages
9	Bidder should not have been banned/blacklisted by any Govt./Semi Govt./PSU/State Govt./Any Telecom entity in India for the supply of the material.	An undertaking to this effect signed by the authorised signatory to be submitted by the Bidder.

We confirm that the information furnished above is true and correct. We also note that, if there are any inconsistencies in the information furnished above, the bid is liable for rejection. All documentary evidence / certificates confirming compliance to Pre-Qualification Criteria should be part of the bid.

Date

Signature with seal

Name:

Designation:



10. Annexure – D: FORMAT OF UNDERTAKING, TO BE FURNISHED ON COMPANY LETTER HEAD WITH REGARD TO BLACKLISTING/ NON- DEBARMENT, BY ORGANISATION UNDERTAKING REGARDING BLACKLISTING / NON – DEBARMENT

To,

The Registrar

Indira Gandhi Institute of Development Research

Film City Road, Santosh Nagar,

Goregaon (East),

Mumbai – 400 065.

We hereby confirm and declare that we, M/s -----, is not blacklisted/ De-registered/ debarred by any Government department/ Public Sector Undertaking/ Private Sector/ or any other agency for which we have Executed/ Undertaken the works/ Services during the last 5 years.

For M/s _____

Authorized Signatory

Date:



11. Annexure-E Self-Declaration regarding Local Supplier

**Format for Self-Declaration regarding 'local supplier' for Cyber Security Products
(Should be submitted on Company's letter head with company seal and signature of the authorized person)**

SUB: BID for Supply, Installation, Testing & Commissioning of Wi-Fi System

Ref: IGIDR/Tender/2024/CC/05

This is to Certify that the organization_____ registered as with registration number_____ do hereby solemnly affirm and declare as under:

That we agree to abide by the terms and conditions of the Notification issued by Ministry of Electronics and Information Technology (MeitY), Government of India no:

..... dated

That the information furnished hereinafter is correct and we undertake to produce relevant records before the procuring entity or any other authority so nominated by the Ministry of Electronics and Information Technology (MeitY), Government of India for the purpose of establishing ownership of the Intellectual Property Rights (IPR), legal existence and revenue accrual, local content for the cyber security products nominated by the aforesaid organization.

That all IPR which constitute the said cyber security product has been verified by us and we are responsible for the correctness of the claims made therein and we take complete responsibility of the same.

We agree to maintain all information regarding our claim(s) for IPR ownership, legal existence and revenue accrual, local content in the organization's record throughout the existence of the product and shall make this available for verification to any authorities specified by Government of India.

In case of any change in the IPR ownership, legal existence and revenue accrual, local content we will be accountable to inform Ministry of Electronics and Information Technology, Government of India within one week or before applying for any public procurement or before referring this order for taking any advantage which so ever occurs first.

That in the event of the cyber security product mentioned herein is found to be incorrect and not meeting the prescribed norms, based on the assessment of an authority so nominated by the MeitY, Government of India and we will be liable as under clause 7 (f) of Public Procurement (Preference to Make in India) Order 2019 for cyber security product.

1. Name and details of the organization nominating product under this order
(Registered Office, Manufacturing unit location, nature of legal entity)



2. Entity Registration Certificate number
 - 2.1. Type of registration
3. Date on which this certificate is issued
4. Percentage of Royalty/License fee to be paid to other entity with respect to estimated cost of the product
5. Name and contact details of the unit of the manufacturer

For and on behalf of _____ (Name of firm/entity)

Authorize signatory (To be duly authorized by the Board of Directors)

<insert Name, Designation and Contact No. and date>



12. Annexure F: Draft Contract Agreement

ARTICLES OF AGREEMENT made the ____ day of December, 20....

Between

The Indira Gandhi Institute of Development Research a Society established by Reserve Bank of India and registered under the Societies Registration Act, 1860, having its office at General Arun Kumar Vaidya Marg, Santosh Nagar, Goregaon East, Mumbai 400 065, hereinafter referred to as “**the Institute**”, (which expression shall unless it be repugnant to the context or meaning thereof be deemed to mean and include its successors and assigns) of the FIRST PART.

AND

M/s. _____ a registered partnership firm / Company, having its office at (Mention registered address) _____, hereinafter called “**the Contractor**”, (which expression shall unless it be repugnant to the context or meaning thereof be deemed to mean and include the partners or partner for the time being of the firm and permitted sub-contractors) of the SECOND PART,

AND

M/s _____, (..... Consultant), a registered partnership firm, having its office at _____, Mumbai-400 014, hereinafter called “**the Consultants**”, (which expression shall unless it be repugnant to the context or meaning thereof be deemed to mean and include the partners or partner for the time being of the firm) of the THIRD PART.

WHEREAS:

The Institute proposes to **Supply, Installation, Testing & Commissioning of Wi-Fi System** at its campus (Hereinafter referred to as “the said work”) and for which purposes it has availed the services of the Consultant under Agreement (hereinafter referred to as “the said Agreement”). Copy of the said Agreement is hereto annexed as Annexure -F

- A. The Institute is desirous of availing the services of firms/companies to carry out **Supply, Installation, Testing & Commissioning of Wi-Fi System** at the campus of the Institute and has



caused Drawings and Bill of Quantities showing and describing the work to be done prepared by or under the directions of Institute and the Consultant.

- B. The Contractor has agreed to work assigned to it in consonance with the said Agreement and subject to the terms stated there under and has agreed to carry out the work assigned to it under the supervisions of the Consultant and the Institute.
- C. The Contractor has agreed to execute upon and subject to the conditions set forth herein and in the correspondence attached hereto and to the Conditions set forth in the Special Conditions and in the Schedule of Quantities and Conditions of Contract (all of which are collectively herein after referred to as "**the said Conditions**") the works described in the said Specifications and included in the said Schedule of Quantities at the respective rates therein set forth amounting to the sum as therein arrived or such other sum as shall become payable there under (hereinafter referred to as "**the said Contract Amount**").

NOW IT IS HEREBY AGREED AS FOLLOWS: -

- 1. In lieu of the consideration herein mentioned the Contractor will upon and subject to the conditions annexed carry out and complete the work shown upon the Contract, Drawing and described by or referred to in the Schedule of Quantities and in the said conditions.
- 2. The Institute shall pay the Contractor the Contract Amount, or such other sum as shall become payable, at the times and in the same manner specified in the said Conditions.
- 3. The said conditions and Appendix thereto and the correspondence attached hereto shall be read and construed as forming part of this Agreement and the parties hereto shall respectively abide by, submit themselves to the said conditions and the correspondence and perform the agreements on their part respectively in the said Conditions and the correspondence contained.
- 4. The plans, agreement and documents mentioned herein shall form the basis of this contract.
- 5. This Agreement is neither a fixed Lump sum Contract nor a Piece Work Contract, but it is an Agreement for the complete work, the Contract Amount whereof is to be paid for as per the actual quantities at the rates contained in the Schedule of Rates and Probable Quantities or as provided in the said Conditions. The Contractor has to visit the site & acquaint himself with the site condition & also the part work done therein by the previous contractor. As the nature of the work comprises of completing the balance incomplete work, the new contractor should carefully study the present site condition & quote the rates accordingly. No claims will be entertained later for any lapse on the contractor's part in having studied the present site condition.



6. The Contractor shall afford every reasonable facility for carrying out of all works or other contractors appointed by the Institute and shall make good any damages done to walls, floors etc. after the completion of such works.
7. The Institute reserves to itself the right of altering the items to be executed by adding to or omitting any items without prejudice to this Agreement. However, the Contractor shall not be entitled to any payment for the works done exceeding the Tender Quantities unless specifically approved in writing by the Institute.
8. Time shall be considered as the essence of this Agreement and the Contractor hereby agrees to commence the work job immediately on issue of work order as provided for in the said Conditions and to complete the entire work within **6 weeks**, subject nevertheless to the provisions for extension of time.
9. The payments for running bills & final bill shall be made subject to quantity and quality check in the format approved by the Institute and the Consultant. The payment shall be processed by the Institute only after recommendation by the Consultant with proper documentation.
10. The Contractor should complete the work as per the scope. The Contractor also binds to depute its team/ manpower at site during execution work as per enclosed organization chart/schedule.
11. All payments by the Institute under this Agreement will be made only at Mumbai. All disputes arising out of or in any way connected with this Agreement shall be deemed to have arisen at Mumbai and only courts in Mumbai shall have the jurisdiction to determine the same.
12. That the several parts of this Agreement have been read and fully understood by all parties.
13. This Agreement shall be executed in triplicate.

IN WITNESS WHEREOF the parties have executed these presents on the day and year first hereinabove written.

SIGNATURE CLAUSE

SIGNED AND DELIVERED by the
Indira Gandhi Institute of Development Research by the
hands of



DR. Jai Mohan Pandit

Registrar

(Name & Designation)

.....

in the presence of

1)

Address.....

.....

2)

Address

.....

SIGNED AND DELIVERED BY

.....

in the presence of

If the party is a partnership firm or an individual
Should be signed by all or on behalf of all the
partners.

1)

Address

.....

2)

Address

.....



THE COMMON SEAL OF
was hereunto affixed pursuant to
the resolution passed by its **Board
of Directors** at the meeting held on
.....in the
presence of

1)

2)

Directors, who have signed these
presents in token thereof in the
presence of

..... (**Proprietor**)

.....

If the Contractors signs under common
seal, the signature clause should tally
with the sealing clause in Articles of
Association.

SIGNED AND DELIVERED BY the If the Contractor is signing by the hand of
hand of Shri power of Attorney whether a company or
and **duly constituted attorney** an individual.

SIGNED BY THE WITHIN NAMED

1) Signature of the Consultant

2) Name of the Consultant

3) Date

4) Place



13. Annexure G: Bidders Profile

[On Firm's / Company's
letter head]

(to be included in Part A - Conformity to Eligibility Criteria Envelope)

SUB: Supply, Installation, Testing & Commissioning of Wi-Fi System.

Ref: IGIDR/Tender/2024/CC/05

Sl. No.	Particulars		Details
a)	Name of the Bidder Firm/Company		
b)	Proposed Solution Name with Name of OEM		
c)	Constitution (Ltd./ Pvt. Ltd/Firm)		
d)	Date of Incorporation and / or Commencement of business		
e)	Certificate of Incorporation /Registration Certificate and MOA/ Partnership Deed		
f)	Whether registered as MSE for the item under the BID? (Proof of registration as MSE for the item under the BID)		
g)	Address of Corporate Office		
h)	Address of the Registered Office		
		Name	
		Designation	



i)	Particulars of the Primary Contact Person	Address for Correspondence	
		Phone Number (Landline)	
		Mobile Number	
		Email address	
j)	Particulars of the Secondary Contact Person	Name	
		Designation	
		Mobile Number	
		Email address	
k)	Firm / Company Website address		
l)	Firm/Company PAN number Firm/Company GST Number <u>Beneficiary Company Details</u> Beneficiary Name Beneficiary Account Number Type of Company Account (Current/OD/OCC etc.) IFSC Code Beneficiary Company Name &Branch address		



14. Annexure-H: Bid Security Declaration

Bid Security Declaration

To,

The Registrar
Indira Gandhi Institute of Development Research
Gen A.K. Vaidya Marg, Film City Santosh Nagar
Goregaon East Mumbai 400065

SUB: Supply, Installation, Testing & Commissioning of Wi-Fi System

Bid ref. no. IGIDR/Tender/2024/CC/05

Dear Sir

We declare that if we withdraw or modify our bid during the period of validity, or if we are awarded the contract and we fail to sign the contract, or to submit a performance security before the deadline defined in the bid, we note that we will be suspended for the period of two years from being eligible to submit bids for contracts with IGIDR.

Place:

Date:

[Signature of Authorised Signatory]

Name:

Designation:

Seal:



15. Annexure-I: Bank Guarantee Format for Earnest Money Deposit

Bank Guarantee Format for Earnest Money Deposit

Beneficiary:

The Registrar

Indira Gandhi Institute of Development Research

Gen A.K. Vaidya Marg, Film City Santosh Nagar

Goregaon East Mumbai 400065

WHEREAS _____ (Name of Tenderer) (hereinafter called "the Tenderer" has submitted its tender dated _____ (Date) for the execution of (Name of Contract) _____ (hereinafter called "the Tender") in favour of _____ hereinafter called the "Beneficiary";

KNOW ALL MEN by these presents that we, _____ (name of the issuing Company/Firm), a body corporate constituted under the _____ having its Head Office at _____ amongst others an office at _____ (hereinafter called "the Company/Firm" are bound unto the Beneficiary for the sum of Rs _____ (Rupees _____ only) for which payment well and truly to be made to the said Beneficiary, the Company/Firm binds itself, its successors and assigns by these presents;

THE CONDITIONS of this obligation are:

- (a) If the Tenderer withdraws its Tender during the period of Tender validity specified in the Tender; or
- (b) If the Tenderer having been notified of the acceptance of his Tender by the Beneficiary during the period of Tender validity;
 - (i) fails or refuses to execute the Agreement, if required; or
 - (ii) fails or refuses to furnish the performance security, in accordance with clause _____ of conditions of Contract.

We undertake to pay to the Beneficiary up to the above amount upon receipt of his first written demand without the Beneficiary having to substantiate his demand, provided that in his demand the Beneficiary will note that the amount claimed by him is due to him owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

Notwithstanding anything contained herein

- i) Our liability under this Bank Guarantee shall not exceed Rs. _____ (Rupees _____ only)
- ii) This Bank Guarantee is valid up to (bid validity + 1 month) _____ and
- iii) We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only and only if you serve upon us a written claim or demand on or before _____ (mention period of guarantee as found under clause (ii) above plus claim period)

Dated _____ day of _____ 2024.

(SIGNATURE & SEAL OF THE COMPANY/Firm)



Indira Gandhi Institute of Development Research

This Bank Guarantee should be confirmed through SFMS by the issuing Company and the details are as follows

Name of the Company:

Name of the Branch:

IFSC Code:



16. Annexure-J Delivery Location

Details of the Delivery Locations:

SUB: Supply, Installation, Testing & Commissioning of Wi-Fi System.

Bid ref. no. IGIDR/Tender/2024/CC/05

Sl. No.	Location Details	Contact Person Details
1.	Indira Gandhi Institute of Development Research. (IGIDR) Gen. A. K. Vaidya Marg, Santosh Nagar, Goregaon East, Mumbai - 400 065 (INDIA)	Mr. Lingaraj Panda 9967635444 Tel: (022)69096584 lingaraj@igidr.ac.in tender@igidr.ac.in



17. Annexure-K: Service Support Details

[On Firm's / Company's letter head]

(to be included in Part A - Conformity to Eligibility Criteria Envelope)

SUB: Supply, Installation, Testing & Commissioning of Wi-Fi System

Ref: IGIDR/Tender/2024/CC/05

Sl. No.	Location	Postal Address	Contact person Name & Mobile No..	Land line No	Email-ID	No. of Engineers
1.	Mumbai					
2.						
3.						

Date

Signature with
seal Name :
Designation :



18. Annexure L: Proforma of Bank Guarantee for Contract Performance

(To be submitted on non-judicial stamp paper of appropriate value Purchased in the name of the issuing Company)

Beneficiary:

The Registrar

Indira Gandhi Institute of Development Research

Gen A.K. Vaidya Marg, Film City, Santosh Nagar

Goregaon East Mumbai 400065

WHEREAS (Name and address of M/s XXXX Ltd (hereinafter referred to as “the CONTRACTOR”) has undertaken to **Supply, Installation, Testing, Active-Passive work & Commissioning of Wi-Fi System** up to Acceptance by the IGIDR, Acceptance testing and also includes documentation, warranty, handover , if contracted, and training or demo of your personnel related to(Description of PO) as per their Contract dated _____with you (hereinafter referred to as “the CONTRACT”)

AND WHEREAS in terms of the conditions as stipulated in the contract, the CONTRACTOR is required to furnish, a Bank Guarantee by way of Performance Guarantee, issued by a Scheduled Company in India, in your favour, as per Clause _____ of the CONTRACT, to secure due and satisfactory compliance of the obligations by the CONTRACTOR on their part, in accordance with the CONTRACT, (which guarantee is hereinafter called as “the PERFORMANCE GUARANTEE”)

AND WHEREAS the CONTRACTOR has approached us, (Name of the issuing Company) for providing the PERFORMANCE GUARANTEE,

AND WHEREAS in consideration of the fact that the CONTRACTOR is our valued constituent and the fact that he has entered into the CONTRACT with you, WE (Name of the Company) having our Registered Office at, _____ and local office at _____, India have agreed to issue the PERFORMANCE GUARANTEE,

THEREFORE WE (Name of the issuing Company) through our local office at _____ India furnishes you the PERFORMANCE GUARANTEE in manner hereinafter contained and agree with you as follows:

We (Name of the issuing Company), undertake to indemnify you and keep you indemnified from time to time to the extent of Rs..... (Rupees) against any loss or damage caused to or suffered by or that may be caused to or suffered by you on account of any breach or breaches on the part of the CONTRACTOR of any of the terms and conditions contained in the contract and in the event of the CONTRACTOR default or defaults in carrying out any of the work or discharging any obligation in relation thereto under the CONTRACT or otherwise in the observance and performance of any of the terms and conditions relating thereto in accordance with the true intent and meaning thereof, we shall forthwith on demand pay to you such sum or sums not exceeding the sum of Rs..... (Rupees) may be claimed by you on account of breach on the part of the CONTRACTOR of their obligations in terms of the CONTRACT.

Notwithstanding anything to the contrary, we agree that your decision as to whether the CONTRACTOR has made any such default or defaults and the amount or amounts to which you are entitled by reasons thereof will be binding on us and we shall not be entitled to ask you to establish your claim or claims



under Performance Guarantee but will pay the same forthwith on your demand without any protest or demur.

This Performance Guarantee shall continue and hold good until it is released by you on the application by the CONTRACTOR after expiry of the relative guarantee period of the contract and after the CONTRACTOR had discharged all his obligations under the contract and produced a certificate of due completion of the work under the contract and submitted a "No Demand Certificate" provided always that the guarantee shall in no event remain in force after the day of _____ without prejudice to your claim or claims arisen and demanded from or otherwise notified to us in writing before the expiry of three months from the said date which will be enforceable against us notwithstanding that the same is or are enforced after the said date.

Should it be necessary to extend Performance Guarantee on account of any reason whatsoever, we undertake to extend the period of Performance Guarantee on your request under intimation to the CONTRACTOR till such time as may be required by you. Your decision in this respect shall be final and binding on us.

You will have the fullest liberty without affecting Performance Guarantee from time to time to vary any of the terms and conditions of the contract or extend the time of performance of the contract or to postpone any time or from time to time any of your rights or powers against the CONTRACTOR and either to enforce or forbear to enforce any of the terms and conditions of the contract and we shall not be released from our liability under Performance Guarantee by the exercise of your liberty with reference to matters aforesaid or by reason of any time being given to the CONTRACTOR or any other forbearance, act, or omission on your part of or any indulgence by you to the CONTRACTOR or by any variation or modification of the contract or any other act, matter or things whatsoever which under law relating to sureties, would but for the provisions hereof have the effect of so releasing us from our liability hereunder provided always that nothing herein contained will enlarge our liability hereunder beyond the limit of Rs..... (Rupees) as aforesaid or extend the period of the guarantee beyond the said day of _____ unless expressly agreed to by us in writing.

The Performance Guarantee shall not in any way be affected by your taking or giving up any securities from the CONTRACTOR or any other person, firm or company on its behalf or by the winding up, dissolution, insolvency or death as the case may be of the CONTRACTOR.

In order to give full effect to the guarantee herein contained, you shall be entitled to act as if we were your principal debtors in respect of all your claims against the CONTRACTOR hereby guaranteed by us as aforesaid and we hereby expressly waive all our rights of surety ship and other rights, if any, which are in any way inconsistent with any of the provisions of Performance Guarantee.

Subject to the maximum limit of our liability as aforesaid, Performance Guarantee will cover all your claim or claims against the CONTRACTOR from time to time arising out of or in relation to the contract and in respect of which your claim in writing is lodged on us before expiry of three months from the date of expiry of Performance Guarantee.

Any notice by way of demand or otherwise hereunder may be sent by special courier, telex, fax or registered post to our local address as aforesaid and if sent by post it shall be deemed to have been given when the same has been posted.



The Performance Guarantee and the powers and provisions herein contained are in addition to and not by way of limitation of or substitution for any other guarantee or guarantees heretofore given to you by us (whether jointly with others or alone) and now existing un-cancelled and that Performance Guarantee is not intended to and shall not revoke or limit such guarantee or guarantees.

The Performance Guarantee shall not be affected by any change in the constitution of the CONTRACTOR or us nor shall it be affected by any change in your constitution or by any amalgamation or absorption thereof or therewith but will endure to the benefit of and be available to and be enforceable by the absorbing or amalgamated company or concern.

The Performance Guarantee shall come into force from the date of its execution and shall not be revoked by us any time during its currency without your previous consent in writing.

We further agree and undertake to pay you the amount demanded by you in writing irrespective of any dispute or controversy between you and the CONTRACTOR.

Notwithstanding anything contained herein

- ii. Our liability under this guarantee shall not exceed Rs..... (Rupees)
- iii. This guarantee shall be valid up to _____ and;
- iv. We are liable to pay the guaranteed amount or any part thereof under this guarantee only and only if you serve upon us a written claim or demand at Mumbai on or before _____ (mention period of the guarantee as found under clause ii. above plus claim period).

We have the power to issue Performance Guarantee in your Favor by statute and the undersigned has full power to execute Performance Guarantee under the Power of Attorney given to him by the Company.

Dated this _____ day of _____ 2024.

For and on behalf of

_____ MANAGER SEAL ADDRESS PLACE

This Bank Guarantee should be confirmed through SFMS by the issuing Company and the details are as follows
Name of the Company:
Name:
IFSC Code:



19. Annexure M: Scoring Methodology

The technical scoring of the proposals will broadly on the following criteria:

Sl. No.	Evaluation Parameters*	Maximum Marks
1	Standing of the company	20
1.1.	10 years and above	20
1.2.	Between 7 To 10 years	10
1.3.	Between 5 To 7 years	5
2	Turnover	10
2.1	≥ 100 Cr	10
2.2	$\geq 50 < 100$ Cr	7
2.3	$\geq 20 < 50$ Cr	5
3	Experience in WIFI projects The Bidder should have experience and expertise in Supply, Installation, Testing & Commissioning of Wi-Fi System from Public or Private Sector or Educational institute.	20
4	Experience in Networking Solution	10
	More than 3 assignments	10
	Up to 3 assignments	5
5	Bidder should have toll free number & minimum 10 OEM Certified Engineers in India on proposed OEM/ Technology/Solution.	10
	>10	10
	$>5 <10$	5
6	Presentation document and evaluation of the entire project & Technical proposal as per the RFP requirements	30
	Total marks	100



* Bidder should provide Self-Declaration along with PO copies as valid proof.

The bidder should score a minimum 70% of marks out of 100 marks for qualifying under Technical Evaluation along with compliance to all other terms and conditions. The bidders qualified under Technical Evaluation will be eligible for commercial opening.

Declaration: We hereby confirm that the information submitted above is true to the best of our knowledge. We understand that in case any discrepancy is found in the information submitted by us, our response to this bid is liable for rejection.

Date

Signature with seal:

Name:

Designation:



20. Annexure N: Scope of Work

Bid for Supply, Installation, Testing & Commissioning of Wi-Fi System

Ref: IGIDR/Tender/2024/CC/05.

All points mentioned in scope of work are mandatory to comply and non-compliance to any of the point lead to the disqualification of the bidder during evaluation.

Scope of Work:

1. The scope of the Services and Maintenance is to be provided for a period of Three years Warranty & Support from the date of acceptance by the Company. Access Point & POE & Non-POE Access Switch must be the same make for the unified cloud-based management control.
2. During the warranty period and AMC period, the Bidder is bound to do all hardware spares replacement and upgrade/update of the proposed solution to the next or required version without extra cost to the IGIDR covering all parts & labour from the date of acceptance of the systems by the IGIDR at the respective locations i.e. on-site comprehensive warranty. The IGIDR, however, reserves the right to enter into Annual Maintenance Contract (AMC) agreement either location-wise or from a single centralized location.
3. The warranty of the proposed solution will be applicable from the date of installation.
4. Bidder has to coordinate with IGIDR & its respective vendors while implementing the solution and during any point of time when ever issue is raised by the IGIDR.
5. Bidder should keep the IGIDR explicitly informed about the end of support dates on related products/ hardware and should ensure support (Active & Passive) during warranty & AMC period. The bidder should not quote the product which is going to be the end of support in the next 6 years. The bidder should not quote any end-of-sale products.
6. The Bidder should note that all the items being procured shall be delivered at locations as per the requirements of the IGIDR.
7. The Configuration as per the technical and other specifications offered of all equipment & other items must be functional and installed from the day one.
8. All necessary cables and other accessories required for successful installation of the hardware items as per the scope of work to be supplied by the Bidder and the cost of the same to be added along with the respective Hardware items while quoting.
9. All version update to be taken care and setup with confirmation as required.
10. Bidder should follow a standard development process to ensure that proposed solution meets functional, security performance and regulatory requirements of the govt of India and IGIDR.



11. Bidder should comply as per the IT related policies of the IGIDR.
12. Before & After fall ceiling / Road digging must be completion as it is.
13. After core cutting & hole on wall must be completion as it is.
14. AMC payment will be made Quarterly at the end of the quarter.
15. Warranty: - From the date of successfully handing over the system.
16. Bidder is responsible for installing the Hardware, Passive laying & Dressing, Cabling on Network DC & other Racks, Punching, Crimping and other items and replacing faulty I/O points, as per Technical Specifications and Scope of work in the IGIDR environment.
17. Bidder must generate and provide a complete holistic report before handover to ensure 100% serviceability of delivered solution.
18. Bidder must engage Bidder professional team/services onsite to implement/install Hardware & other items as mentioned in the Bid.
19. Bidder must provide the detailed architecture of the provided solution along with drawing, line diagrams, Installation and Administration guide, which must include High level Design (HLD) and Low-Level Design (LLD).
20. Bidder is responsible for informing if any new version/update/Service pack/firmware/code upgrade/upgrade of proposed solution is available by OEM, to the IGIDR within seven days (7 days) of the release and provide the upgrade solution () within one month of such releases without any cost to the IGIDR during the period of contract.
21. Bidder is responsible for health monitoring of the supplied Hardware & and other items.
22. If any more additional licenses are procured by the IGIDR through the successful bidder or any other Bidder all such licenses are to be maintained by the bidder.
23. Bidder has to provide the escalation matrix to escalate any incident.
24. Bidder is responsible for providing periodic reports of the proposed solution as per the IGIDR requirement.
25. All installed OS /firmware must be of stable version and all recommended patches should be installed by the bidder and the same to be submitted to the IGIDR on a quarterly basis.
26. Bidder has to install / re-install the operating system (if required), other in the serves and support the same during warranty and AMC period without any extra cost to IGIDR.
27. Bidder shall conduct preventive maintenance as may be necessary from time to time to ensure that equipment is in inefficient running condition so as to ensure trouble-free functioning.
28. The proposed solution should be free from any kind of vulnerabilities.



29. Bidder should keep the IGIDR explicitly informed the end of support dates on the related products/Hardware should ensure a support during the warranty and AMC period. All the product support should have a minimum of 6 years from the date of installation.
30. Bidder must also provide the necessary power cables, LAN cables, FC cables, Poles from source to their provided rack as per the guideline of the IGIDR.
31. The Bidder/SI should configure all existing switches and new switches, including VLAN, for optimum network connectivity as per the best practice to reduce network-related issues.
32. Currently, the Firewall is integrated with AD, and the Wi-Fi authentication and configuration should complement the Firewall so that the Authenticated user's name of Wi-Fi is reflected in Firewall logs (guest user excluded) instead of only their IP.
33. Bidder must configure the radius server on the Existing AD Server for AD Authentication integration if Wi-Fi solution does not directly support AD authentication & Pre-shared Key with the Wi-Fi SSID as per requirement. There should be pre-requisite stating that the Existing AD Virtual servers need to be provided by the end customer. The support of Radius services support in Bidder scope. (Pre-shared Key for required SSID & AD login Authentication for employees, Students & Staff group). Guest authentication should be provided from the cloud-based Guest portal with approval by the host or pre-approval methods.
34. All the bidders should visit the campus for Wi-Fi site survey and submit the heatmap for all the locations (as per the floor plan) specified for Wi-Fi, the Signal strength should be below -65 dBm for Wi-Fi 6 at least from a midrange smartphone. Submit the heatmap and positioning of APs with a diagram as per the survey along with the technical bid. Higher MIMO APs should be considered or increase the no's of APs in areas where more users are expected (like Auditorium: 470, Seminar-1: 90, Computer centre, Conference Hall: 90, Dining Hall Guest-house and Hostel: 100).
35. The Floor/Campus/Building designs shall be made available to the Bidders on the IGIDR website under Tenders Section. In case, it is not available, then the Bidder to send an email request to the following email IDs TO: tender@igidr.ac.in CC: lingaraj@igidr.ac.in.
36. WIPS should be there for security (specify how many stand-alone scanners will there be around campus or Which APs will act as both scanner and AP or dedicated scanner)
37. S/I/T/C of Access and WIPS Licence for single AP if required.
38. S/I/T/C of Cloud-based Guest Access and Guest Management Licence for a minimum of 300 guests if applicable [include the cost of third-party guest management system if not available in the controller). SMS gateway and SMS are on the bidder's scope and the 5,000 SMS per month should be provisioned for sending SMS /OTP during guest Wi-Fi access
39. Dressing of Racks by removing old switches and installing new switches, replacing the IO points, jack panel, network patch cable and uplinking copper cables cat7 wherever they are faulty or required for Wi-Fi installation is on the scope of the bidder.



40. New Poles should supply and installed as per the specification /requirement of IGIDR.
41. Bidder should adhere to all the regulations and risk advised by regulators/Govt. of India and implement the same for IGIDR Wi-Fi 6 installation.
42. For the delivery location, the Bidder has to provide items with the related AP's & POE Switches, Device drivers and manuals etc wherever applicable.
43. The Bidder should note that AP's, POE Switches & Other Items being procured shall be delivered at locations as per requirements of IGIDR and the Bidder will be required to support all such installations. The IGIDR reserves the right to change location by giving prior notice.
44. The DHCP service should be configured on both Core switches OR Existing AD Servers.
45. The successful vendor should study the existing switch configuration and configure all the switches (old and new), including the core switch from Scarch, as per the best practices for a secure and fast robust network, including Wi-Fi access.
46. The Hardware (AP'S & POE, Core Switches) installation and configuration for the entire set up to be handled by qualified/experienced personnel only.
47. During installation if the IGIDR requires any new software update/ Utility, Bidder has to install it without any cost where the licenses of the Device are with the IGIDR.
48. All necessary cables and other accessories required for successful installation of the AP's & Core, POE Switches items as per the Scope of Work to be supplied by the Bidder and the cost of the same to be added along with the respective Hardware (AP's, Core & POE Switches) items while quoting.
49. All Punching, Crimping, Digging, and Dressing, Cable layout work with piping is to be taken care of by the bidder and necessary permission should be obtained from IGIDR for related civil works.
50. The Bidder shall conform to the integrity of the supplied product/software i.e. it is free from bugs, malware, covert channels in code etc.
51. IGIDR will not provide any remote session like Team Viewer, WebEx etc for any kind of POE Switch & Core switch installation and upgrade in entire project tenure.
52. The bidder should provide email, telephonic and onsite support.
53. The proposed SFP module, Fiber patch cord & network interface ports should be compatible for connecting proposed switches for private zone connectivity and switches for public zone connectivity, as per datasheets/documents for RAC.
1. The Bidder will be responsible for the following:
 - 1.1. Delivery of proposed items to IGIDR locations specified in BID.
 - 1.2. Safely Unpacking of shipped boxes at staging area.
 - 1.3. Physical movement of supplied hardware (Wi-Fi AP's, POE Switches, Core Switches Materials) from IT to DC & other Sections.



-
- 1.4. Identification and labelling of hardware assets, as per delivery invoices.
 - 1.5. Installation and power connectivity from industrial sockets and testing of required power rating.
 - 1.6. Mounting of Wi-Fi AP's & Switches to DC & others section rack as per industry best practices.
 - 1.7. AP's & Switches, Fiber patch cord, power on and cable dressing.
 - 1.8. AP's, Switches Management connectivity.
 - 1.9. LAN and Fiber Cable lay with proper labelling, tagging and cable dressing.
 - 1.10. Configuration of Switches & APs, as per requirement in supplied VLAN zoning structure.
 - 1.11. Installation and configuration of supplied AP's & Switches, Fiber patch cords.
 - 1.12. Preparation of LLD/HLD and submit to IGIDR.
 - 1.13. AP's connectivity to IGIDR POE & Core Switches mentioned in this Bid.
 - 1.14. LAN connectivity to proposed and IGIDR existing switch.
 - 1.15. SMTP Configuration of proactive alert and auto call logging facility.
 - 1.16. All activities related to any Administration assigned during the implementation period and till the project tenure (Warranty and AMC/ATS, if contracted) without any extra cost.
 - 1.17. The bidder needs to coordinate with IGIDR and the existing vendor for the purpose of installation and configuration of AP's & Switches configuration management monitoring, etc. The details will be provided to the selected bidder.
 - 1.18. The bidder needs to provide a Standard operating procedure (SOP) document for architecture, and configuration.

We hereby comply with each point of the above Scope of Work without any deviations.

Date

Signature with seal:

Name:

Designation:



21. Annexure O: Undertaking of Authenticity

[On Firm's / Company's letter head]
(to be included in Part B – Technical Proposal Envelope)

SUB: **Supply, Installation, Testing & Commissioning of Wi-Fi System**

Ref: IGIDR/Tender/2024/CC/05.

We hereby undertake that all the hardware components/parts/assembly/'s used in this solution under the above like Switches, Access Points, Passive services and material etc., shall be original new components /parts /assembly / only from respective OEMs of the products and that no refurbished / duplicate / second hand components / parts / assembly / are being used or shall be used.

We also undertake that in respect of Licenses of Cloud based Controllers any other if asked for, by you in the purchase order, the same shall be supplied along with the authorized license certificate.

Should you require, we hereby undertake to produce the certificate from our OEM supplier in support of above undertaking at the time of delivery/installation. It will be our responsibility to produce such letters from our OEM suppliers at the time of delivery or within a reasonable time.

In case of default and we are unable to comply with the above at the time of delivery or during installation, for the IT Hardware/Solution/Services already billed, we agree to take back the Hardware/Solution/Services without demur, if already supplied and return the money if any paid to us by you in this regard.

Date	Signature with seal Name	:
	Designation	:



22. Annexure P: Compliance Statement

[On Firm's / Company's letter head]
(to be included in Part B – Technical Proposal Envelope)

SUB: Supply, Installation, Testing & Commissioning of Wi-Fi System

Ref: IGIDR/Tender/2024/CC/05

DECLARATION

We understand that any deviations mentioned elsewhere in the bid will not be considered and evaluated by the IGIDR. We also agree that the institute reserves its right to reject the bid, if the bid is not submitted in proper format as per subject BID.

Description	(Yes / No)	Remarks / Deviations
Compliance to Terms and Conditions.		
Compliance to Technical & Functional Requirements/ Specifications of the subject BID.		
Compliance to Scope of Work of the subject BID.		

(If left blank it will be construed that there is no deviation from the specifications given above)

Date

Signature with seal Name :
Designation :



23. Annexure Q: Undertaking Letter

[On Firm's / Company's letter head]
(to be included in Part B – Technical Proposal Envelope)

SUB: Supply, Installation, Testing & Commissioning of Wi-Fi System

Ref: IGIDR/Tender/2024/CC/05

- a. We understand that IGIDR shall be placing Order to the selected Bidder inclusive of taxes.
- b. We also confirm that we have quoted the solution with all applicable taxes.
- c. We also confirm that in case of invocation / forfeiture of any Bank Guarantees submitted to the IGIDR, we will pay applicable GST on Bank Guarantee amount.
- d. We are agreeable to the payment schedule as per "Payment Terms" of the BID.
- e. We hereby confirm to undertake the ownership of the subject BID.
- f. We hereby undertake to provide necessary hardware with latest product and with latest version and any third-party licenses with the latest version required for the implementation of the Solution. The charges for the above have been factored in Bill of Material (BOM), otherwise the Bid is liable for rejection. We also confirm that we have not changed the format of BOM.

Date

Signature with

seal Name :

Designation :



24. Annexure R: Escalation Matrix

On Firm's / Company's letter head]
(to be included in Part B – Technical Proposal Envelope)

SUB: **Supply, Installation, Testing & Commissioning of Wi-Fi System**

Ref: IGIDR/Tender/2024/CC/05

Name of the Bidder Firm:

Delivery Related Issues:

Sl. No.	Name	Level of Contact	Office Postal Address	Phone No.	Mobile No.	Fax	Email address
a.		First Level Contact					
b.		Second level contact (If response not received in 24 Hours)					
c.		Regional/Zonal Head (If response not recd. in 48 Hours)					
d.		Country Head (If response not recd. in One week)					



Service-Related Issues:

Sl. No.	Name	Level of Contact	Office Postal Address	Phone No.	Mobile No.	Fax	Email address
a.		First Level Contact					
b.		Second level contact (If response not received in 4 Hours)					
c.		Regional/Zonal Head (If response not received in 24 Hours)					
d.		Country Head (If response not received in 48 Hours)					

Any change in designation, substitution will be informed by us immediately.

Date

Signature with
seal Name :
Designation :



25. Annexure S: Non-Disclosure Agreement

DR. Jai Mohan Pandit
The Registrar,
Indira Gandhi Institute of Development Research,
Gen. A.K. Vaidya Marg, Film city Road,
Goregaon (East), Mumbai 400065

Non-Disclosure Agreement
[On Firm's / Company's letter head]

SUB: **Supply, Installation, Testing & Commissioning of Wi-Fi System**

Ref: IGIDR/Tender/2024/CC/05

WHEREAS, we, _____, having Registered Office at _____, hereinafter referred to as the Bidder, are agreeable to the formalities of deliverables as per timelines mentioned in the BID for each ordered locations to The Registrar, Indira Gandhi Institute of Development Research, Gen. A.K. Vaidya Marg, Film city Road, Goregaon (East), Mumbai 400065 hereinafter referred to as the IGIDR and, WHEREAS, the Bidder understands that the information regarding the IGIDR's IT Infrastructure shared by the institute in their Request for Proposal is confidential and/or proprietary to the IGIDR, and WHEREAS, the Bidder understands that in the course of submission of the offer for the subject BID and/or in the aftermath thereof, it may be necessary that the Bidder may perform certain jobs/duties on the IGIDR properties and/or have access to certain plans, documents, approvals or information of the IGIDR;

NOW THEREFORE, in consideration of the foregoing, the Bidder agrees to all of the following conditions, in order to induce IGIDR to grant the Bidder specific access to the IGIDR's property/information. The Bidder will not publish or disclose to others, nor, use in any services that the Bidder performs for others, any confidential or proprietary information belonging to the IGIDR, unless the Bidder has first obtained the IGIDR's written authorization to do so.

The Bidder agrees that notes, specifications, designs, memoranda and other data shared by IGIDR or, prepared or produced by the Bidder for the purpose of submitting the offer to the IGIDR for the said hardware, will not be disclosed during or subsequent to submission of the offer to the IGIDR, to anyone outside the IGIDR.

The Bidder shall not, without the IGIDR's written consent, disclose the contents of this Request for Proposal (Bid) or any provision thereof, or any specification, plan, pattern, sample or information (to be) furnished by or on behalf of the IGIDR in connection therewith, to any person(s) other than those employed/engaged by the Bidder for the purpose of submitting the offer to IGIDR and/or for the performance of the Contract in the aftermath. Disclosure to any employed/engaged person(s) shall be made in confidence and shall extend only so far as necessary for the purposes of such performance.

Date

Signature with seal

Name:

Designation:



26. Annexure T: Manufacturer Authorization Form

Note: This Format Letter should be on the letterhead of the OEM.

No.____dated__

The Registrar,
Indira Gandhi Institute of Development Research,
Gen. A.K. Vaidya Marg, Film city Road,
Goregaon (East), Mumbai 400065

SUB: Supply, Installation, Testing & Commissioning of Wi-Fi System

Ref: IGIDR/Tender/2024/CC/05

We who are established and reputed manufacturers of

_____having factories/development facilities at 1)____and 2)
_____do hereby authorize M/s_____ (Name and address of the
Agent/Dealer) to offer their quotation, negotiate and conclude the contract with you against the above
invitation for tender offer.

We (Manufacturer/Original Owner/Developer) hereby extend our full guarantee and warranty as per terms and conditions of the tender and the contract for the solution, products/equipment and services offered against this invitation for tender offer by the above firm and will extend technical support and updates and ensure availability of spares/ products for contract period of 6 years from the date of installation.

We (Manufacturer/Original Owner/Developer) also confirm that we will ensure all product updates (including management updates and new product feature releases) are provided by M/s for all the products quoted for and supplied to the IGIDR during the Contract period. In case this is not considered while quoting and in the event M/s fail in their obligations to provide the updates within 30 days of release/announcement, we hereby confirm that we will provide the same to the IGIDR at no additional cost to the IGIDR and we will directly install the updates and any new Operating releases at the IGIDR's premises.

We also confirm that the proposed solution offered by the bidder to the IGIDR are correct, viable, technically feasible for implementation and the solution will work without any hassles in all the locations. We also confirm that all the equipment offered are not "End of Life" during the next One Year and "End of Support" for total Contract Period.

We hereby commit to the tender terms and conditions and will not withdraw our commitments during the process and or during the period of contract.

Yours faithfully

27. Annexure-U: Bill of Material: -

PART A: - POE Switch, Non-POE Switch & Wi-Fi AP's (Indoor & Outdoor), Passive Service & Material Details. [Minimum Configuration]

Sr. No	Description	Quantity /UOM	Service Duration (Month)	Make & Model and Part No [Bidder to Specify.]
A.1	<p><u>POE Access Switch:</u> - 24 x 10/100/1000BaseT PoE+, 4x 10G SFP+ Uplink ports, 1 AC PSU. PoE budget of 740W</p> <p>Including Cloud/On-prem Manage subscription for Access Switches.</p> <p>Direct OEM NEXT DAY 3 Years Warranty & Support.</p>	20 Nos.	36	
A.2	<p>SFP28, 25GE Direct Attach Copper Cable, 1 meter. STACK CABLE WITH ACCESSORIES FOR STACKING ACCESS SWITCH.</p> <p>Direct OEM NEXT DAY 3 Years Warranty & Support.</p>	2 Nos.	36	Bidder to Specify.
A.3	<p>SFP+, 10GBASE-LR, SMF 10 km, Duplex LC connector. 10G LR OPTICS TO UPLINK TO CORE SWITCH.</p> <p>Including Fiber SM Patch Cord (10Gig) 1 metre</p> <p>Direct OEM NEXT DAY 3 Years Warranty & Support.</p>	40 Nos.	36	Bidder to Specify.
A.4	<p>SFP+, 10GBASE-T connector. Including 3 ft or 5 ft 10 Gig Patch Cord to connect to Extended Switch</p>	10 Nos.	36	Bidder to Specify.

	Direct OEM NEXT DAY 3 Years Warranty & Support.			
A.5	<p><u>NON-POE Access Switch.:</u> - 24 x 10/100/1000BaseT, 4x 10G SFP+ Uplink ports.</p> <p>Cloud/On-prem Manage subscription for Access Switches.</p> <p>Direct OEM NEXT DAY 3 Years Warranty & Support.</p>	5 Nos.	36	. Bidder to Specify.
A.6	<p>SFP+, 10GBASE-SR, MMF 300m, Duplex LC connector. Including 1 metre MM Patch Cord to UPLINK TO extended Switch</p> <p>Direct OEM NEXT DAY 3 Years Warranty & Support.</p>	6 Nos.	36	Bidder to Specify.
A.7	<p><u>INDOOR Access Point:</u> - 802.11a/b/g/n/ac /ax. support minimum 4X4:4 MU-MIMO on at least 5Ghz Band. aggregate data rate of minimum 2.9 Gbps (2.4 Gbps on 5 GHz and 500 Mbps on 2.4 GHz). 2.4GHz omnidirectional antennas with 5 dBi peak gain and Four 5 GHz omnidirectional antennas with 6 dBi peak gain or better. support WPA2/WPA3 enterprise authentication and AES encryption. AP must support Authentication via 802.1X and Active Directory.</p> <p>Cloud/On-prem subscription and support for Indoor Access Point.</p> <p>Direct OEM NEXT DAY 3 Years Warranty & Support.</p>	279 Nos.	36	Bidder to Specify.

A.8	<p><u>OUTDOOR Access Point:</u> - 802.11a/b/g/n/ac /ax. support minimum 4X4:4 MU-MIMO on both bands. (2.4 and 5GHz). support aggregate data rate of minimum 4.8Gbps. 2.4GHz omnidirectional antennas with 4 dBi peak gain and four 5GHz omnidirectional antennas should with 6 dBi peak gain or better. support WPA2/WPA3 enterprise authentication and AES encryption. AP must support Authentication via 802.1X and Active Directory. Cloud/On-prem subscription and support for Outdoor Access Points.</p> <p>Direct OEM NEXT DAY 3 Years Warranty & Support.</p>	30 Nos.	36	Bidder to Specify.
A.9	<p><u>Cloud based Controller (APs and Switches) and Guest Access management.:</u> -</p> <p>Cloud Based Controller including license & Dashboard Monitoring control services from day 1.</p> <p>Compatible to 802.11 ac/n/a/b/g. Support WIPS, Rouge AP detection and Honeypot AP detection support up to 16 SSIDs per AP and the cloud/on-prem controller should be scalable to handle around 5000 APs or more in future. Provide the automated client and network insights to auto troubleshoot issues with DHCP, DNS, Gateway/ARP, Radius etc. related issues. Integrate with various external authentication</p>	1 Service	-	

	<p>mechanism including the AD/RADIUS servers, etc. Support Guest Portal from Day 1 with many Authentication Mechanisms including Google login, Facebook login, email-based Login, and sponsored Guest Access facility as well. It should send SMS to mobile of the guest with login OTP/password details. Should support minimum of 500 guest users. Artificial Intelligence, Micro Services Based, Cloud/On-Prem Controller. support on WPA2 + WPA3 transition mode.</p> <p>Direct OEM NEXT DAY 3 Years Warranty & Support</p>			
A.10	<p><u>Passive Material Laying Service Including Redressing Details, -</u></p> <p>i) For Indoor Access Points cabling: - CAT-6 /CAT-7 STP Cable Laying Service Total Length for Indoor.</p>	2055 MTR.		
	<p>ii) For Outdoor Access Point cabling: - CAT-7 STP Cable Laying Service Total Length.</p>	1111 MTR.		
	<p>iii) AP Mounting Service</p>	303 Nos.		
	<p>iv) AP Un Mounting from existing place</p>	264 Nos.		
	<p>v) HDPE Pipe laying Service</p>	800 Nos.		
	<p>vi) PVC Pipe fitting for Outside Room.</p>	1000 MTR.		
	<p>vii) Casing Patti for Inside Room.</p>	666 MTR.		

	viii) Out Door Mounting/Fixing Pole Service. :- GI powder coated poles for mounting of 1nos. of access point on each pole with necessary accessories including required foundation for the same (Refer site plan layout for details, other outdoor Access Points are considered on building wall).	4 Nos.		
	ix) Cutting/Digging/gypsum ceiling structures Cable Service.: - Digging (S/I/T/C of RCC/PCC cutting to a depth of 100 mm and remaking the same after laying the cables to the satisfaction of the client. S/I/T/C of core cutting in rcc/brick walls and remaking the same after laying the cables to the satisfaction of the client. S/I/T/C of cutting in wooden structures and remaking the same after laying the cables to the satisfaction of the client. S/I/T/C of cutting in gypsum ceiling structures and remaking the same after laying the cables to the satisfaction of the client	220 MTR. - - - -		
	Connector	1 lot		
	Miscellaneous	1		

A.11	<u>Passive Material Details: -</u> i) CAT 6 Cable (Indoor)	7 Box.		
	ii) CAT 7 STP Cable for Out Door.	5 Box.		
	iii) CAT 6 Patch Pannel with I/O (24 Port)	2 Nos.		
	iv) HDPE Pipe	800 MTR.		
	v) PVC Pipe for Outside Room.	1000 MTR.		
	vi) Casing Patti for Inside Room	666 MTR.		
	vii) Outdoor Mounting Pole.: - GI powder coated poles (80 mm OD, C-Class 5 with appropriate height) with base plate (8X8 inch) for mounting of access point on each pole with necessary accessories including required foundation of size 400x400 mm and 2ft deep for the same (Refer site plan layout for details, other outdoor Access Points are considered on building wall).	4 Nos.		
	Viii) Cat 6 Patch Cord 1Mtr	100 Nos.		
	ix) Cat 6 Patch Cord 2Mtr.	50 Nos.		
A.12	Installation of Radius on existing Active Directory Server in case AD authentication is not supported by Wi-Fi system & DHCP configuration on Core Switch.	1 Service		

A.13	One Time Installation & configuration of all Active, Passive items of Wi-Fi system (Switches & APs and Cloud based services etc) with onsite Training.	1 Service		
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PART B: - Old Extreme 5520-24X Core Switch SFP SM Module 10Gig: -

Sr. No	Description	Quantity/UOM	Service Duration (Month)	Make & Model [Bidder to Specify.]
B.1	<p>SFP+ 10GBASE-LR SMF 10 km, Duplex LC connector for Old Extreme 5520-24X Core Switch.</p> <p>(SFM 10 Gig SM Module with fully populated and all accessories.)</p> <p>Direct OEM NEXT DAY 3 Years Warranty & Support.</p>	36	36	
B.2	<p>SFP+, 10GBASE-SR, MMF 300m, Duplex LC connector. OEM NEXT DAY. 10G SR OPTICS TO UPLINK TO extended Switch. OEM NEXT DAY with Multimode Fiber patch cable 3ft</p> <p>Direct OEM NEXT DAY 3 Years Warranty & Support.</p>	2	36	Bidder to Specify.

B.3	Fiber LC to LC patch cords 10 Gig SM 10 metre	40	36	Bidder to Specify.
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Comprehensive AMC/Extended Warranty for Part A and Part B for 3 Years with NBD Support back-to-back arrangement from OEM.

OPTIONAL

PART C:- New Core Switch: -

Sr. No	Description	Quantity/UOM	Service Duration (Month)	Make & Model and Part No [Bidder to Specify.]
C.1	Core switch with 24x10GbaseX and 2x100G uplink ports. Cloud/On-prem Manage subscription for Core Switches with Direct OEM NEXT DAY 3 Years Warranty & support.	2	36	
C.2	SFP+, 10GBASE-LR SMF 10 km, Duplex LC connector. Direct OEM NEXT DAY 3 Years Warranty & support.	36	36	

C.3	<p>SFP+ 10GE BASE-T Copper. 10G BASE-T</p> <p>COPPER OPTICS TO UPLINK TO CORE SWITCH FROM SERVER SWITCH</p> <p>Direct OEM NEXT DAY 3 Years Warranty & support.</p>	4	36	3 Years Warranty & Support. (NBD)
C.4	<p>QSFP 100GE Direct Attach Copper Cable, 1 meter, STACK CABLE with accessories FOR CORE SWITCH</p> <p>Direct OEM NEXT DAY 3 Years Warranty & support.</p>	2	36	
C.5	<p>SFP+, 10GBASE-SR, MMF 300m, Duplex LC connector. OEM NEXT DAY. 10G SR OPTICS TO UPLINK TO extended Switch.</p> <p>OEM NEXT DAY with Multimode Fiber patch cable 3ft</p> <p>Direct OEM NEXT DAY 3 Years Warranty & Support.</p>	2	36	

C.6	Fiber LC to LC patch cords 10Gig SM 10 metres.	40	36	
D	Buy back of Existing Core Switches Model Extreme 5520-24X Core Switch with modules	2		

Comprehensive AMC/Extended Warranty for Part A and Optional Part C for 3 Years with NBD Support back-to-back arrangement from OEM.

- It should be the sole discretion of the institute to consider the Optional quoted items if any for the evaluation and part of the contract. The bid evaluation will be done accordingly.

Following are the minimum specifications required to be satisfied.

Technical Requirement/Specification – Wireless Access Point – Indoor

Make: <to be provided by bidder>

Model: <to be provided by bidder>

S. No.	Technical Specification / Requirement for Wireless Access Point – Indoor	Compliance Yes/No
1	The Access Point OEM should be Market Leader for wired and wireless for the last consecutive 3 years (from well-known market research organisations such as Gartner/IDC etc.)	
2	AP must support the 802.11a/b/g/n/ac /ax	
3	Simultaneous client support on dual band radio is essential.	
4	Must support minimum 4X4:4 MU-MIMO on at least 5Ghz Band	
5	All the access points must be centrally configured and managed through the same cloud/on-prem controller and should support AI Based network operations.	
6	Access Point must support aggregate data rate of minimum 2.9 Gbps (2.4 Gbps on 5 GHz and 500 Mbps on 2.4 GHz).	
7	Security mechanisms must be in place to protect the communication between the Management Platform and the Access Points.	

8	AP must be supplied with all accessories including the appropriate mounting kit.	
9	The antennas must be integrated inside the access point enclosure and should be Omni-directional.	
10	The AP should have two 2.4GHz omnidirectional antennas with 5 dBi peak gain and Four 5GHz omnidirectional antennas should with 6 dBi peak gain or better.	
11	The access point must support WPA2/WPA3 enterprise authentication and AES encryption. AP must support Authentication via 802.1X and Active Directory.	
12	Operating Temperature: 0°C - 40°C	
13	Operating Humidity: 10 % - 90 % non-condensing.	
14	Must be plenum rated (UL 2043)	
15	Must be WPC approved	
16	Access Point should have inbuilt BLE radio.	
17	The AP should have one RJ-45 port supporting up to 2.5Gbps port speed and another one supporting at least 1 Gbps speed	
18	The AP should be able to service client as well as rogue detection simultaneously.	
19	The AP should include a hardware TPM for infrastructure security.	
20	The AP should support Bluetooth 5.0	
21	The AP should have Dedicated dual band Radio for WIDS/WIPS, spectrum analysis, and location analytics apart from client serving radio for 2.4 and 5GHz. Alternatively, bidder can provision additional dedicated AP for WIPS/WIDS.	
22	AP should be provided with 3-year software and hardware replacement support	

Technical Requirement/Specification – Wireless Access Point – Outdoor

Make: <to be provided by bidder>

Model: <to be provided by bidder>

S. No.	Technical Specification / Requirement for Wireless Access Point – Outdoor	Compliance Yes/No
1	The Access Point OEM should be Market Leader for wired and wireless for the last consecutive 3 years (from well-known market research organisations such as Gartner/IDC etc.)	
2	AP must support the 802.11a/b/g/n/ac /ax	
3	Simultaneous client support on dual band radio is essential.	
4	Must support minimum 4X4:4 MU-MIMO on both bands. (2.4 and 5GHz)	
5	All the access points must be centrally configured and managed through the same cloud/on-prem controller and should support Based network operations.	
6	Access Point must support aggregate data rate of minimum 4.8Gbps.	
7	Security mechanisms must be in place to protect the communication between the Management Platform and the Access Points.	
8	AP must be supplied with all accessories including the appropriate mounting kit.	
9	The antennas must be integrated inside the access point enclosure and should be Omni-directional.	
10	The AP should have four 2.4GHz omnidirectional antennas with 4 dBi peak gain and four 5GHz omnidirectional antennas should with 6 dBi peak gain or better	
11	The access point must support WPA2/WPA3 enterprise authentication and AES encryption. AP must support Authentication via 802.1X and Active Directory.	
12	Operating Temperature: -40°C to 55°C	
13	Operating Humidity: 10 % - 90 % non-condensing.	
14	Must be plenum rated (UL 2043)	
15	Must be WPC approved	
16	Access Point should have inbuilt BLE radio.	

17	The AP should have one RJ-45 port supporting up to 2.5Gbps port speed and another one supporting at least 1 Gbps speed	
18	The AP should be able to service client as well as rogue detection simultaneously.	
19	The AP should include a hardware TPM for infrastructure security.	
20	The AP should support Bluetooth 5.0	
21	The AP should have Dedicated dual band Radio for WIDS/WIPS, spectrum analysis, and location analytics apart from client serving radio for 2.4 and 5GHz. Alternatively, bidder can provision additional dedicated AP for WIPS/WIDS.	
22	Access point should be IP67/NEMA compliant.	
23	AP should be provided with 3-year software and hardware replacement support	

Technical Requirement/Specification: - Wireless Cloud Base Controller

Make: <to be provided by bidder>

Model: <to be provided by bidder>

S. No.	Technical Specification / Requirement - Wireless Cloud Base Controller	Compliance
1	The Access Point OEM should be Market Leader for wired and wireless for the last consecutive 3 years (from well-known market research organisations such as Gartner/IDC etc.).	
2	All the switches and Wireless APs should be completely provisioned and managed using this controller.	
3	Must have an Artificial Intelligence, Micro Services Based, Cloud/On-Prem Controller	
4	The Solution must support 802.11ax primarily and should be backward compatible to 802.11 ac/n/a/b/g.	
5	The solution should support Location Based services via Bluetooth low energy and should also support Asset Tracking.	

6	The solution should support Guest Portal from Day 1 with many Authentication Mechanisms including Google login, Facebook login, email-based Login, SMS /OTP based and sponsored Guest Access facility as well. SMS gateway should be provided by the bidder at least 1500 SMS per day and minimum guest users should be 500	
7	The solution should support WIPS, Rouge AP detection and Honeypot AP detection	
8	Should be able to provide insights based on successful connections, Time taken to connect, coverage, capacity, AP Uptime, Roaming and throughput.	
9	Should be able to integrate with various external authentication mechanism including the AD/ RADIUS servers, etc.	
10	The solution should provide the automated client and network insights to auto troubleshoot issues with DHCP, DNS, Gateway/ARP, Radius etc. related issues.	
11	The solution should have feature to manually enable wireless and wired capture on Apps.	
12	Must support auto Packet capture to enhance troubleshooting.	
13	Should support up to 16 SSIDs per AP and the cloud/on-prem controller should be scalable to handle around 5000 APs or more in future	
14	Should assist to troubleshoot deeper and facilitate investigation of existing or future issues in the Wi-Fi network	
15	Must be able to limit per SSID based uplink or downlink Bandwidth.	
16	The solution should support SSID scheduling	
17	Must be able to provide per SSID/application bandwidth limit as well	
18	Pre-staging of APs should be possible to have zero touch provisioning	
19	Should support bulk configuration based on templates for both switches and Aps	
20	Should be able to handle interference and shift the communication on another channel automatically if, needed	
21	Should be able to create access policies based on various groups/labels/subnets	
22	Solution should support webhooks for API integration from day1	
23	Solution should support WPA2 + WPA3 transition mode	

24	Should have Audit logs for at least 30 days. Even if subscription services get over, the organisation's services should not be stopped. OEM should make the necessary provision for the same.	
25	S/I/T/C of Cloud based Guest Access and Guest Management Licence for minimum 500 guests .SMS /OTP based and sponsored Guest Access facility as well. SMS gateway should be provided by the bidder with at least 1500 SMS per day.	

Technical Requirement/Specification – POE (Power Over Ethernet) Access Switch.

Make: <to be provided by bidder>

Model: <to be provided by bidder>

S. No.	Detailed Technical Specifications	Compliance (Yes / No)
1	The Access Point and POE switch should be same and OEM should be Market Leader for wired and wireless for the last consecutive 3 years (from well-known market research organisations such as Gartner/IDC etc.)	
2	Minimum 24 x 10/100/1000 PoE+ and 4 x 1G/10G uplink ports (with required transceiver modules) with PoE budget of minimum 740W.	
3	Switch should be populated with 2 x 10G LR Optics and required stack cables from day1 where ever applicable.	
4	Switch should be provided with 3-year software and next day hardware replacement support	
5	Complete provisioning and management of switch should be from the same management dashboard which is used to manage wireless platform.	
6	1 U Rack mountable and should provide stacking of minimum 8 switches (All the stacking accessories should be included from day 1).	
7	The Switch should have Minimum 2GB DRAM and 2 GB internal Flash/ SSD.	
8	128 Gbps or higher Backplane capacity and minimum 244 Mpps of forwarding rate (excluding the stacking bandwidth and forwarding)	

9	Should support non-blocking hardware architecture	
10	Support for at least 1000 VLANs & 32K MAC address	
11	It should support IGMP snooping v1,v2 & v3	
12	It should have static IP routing from Day1 and should be upgradable to support OSPF, PIM, EVPN-VXLAN and BGP.	
13	The switch should support 32k IPv4/ 16K IPv6 and 16k Multicast Routes/entries	
14	Switch should support 8 hardware queues per port	
15	Dynamic Host Configuration Protocol (DHCP) snooping and MLD snooping	
16	Switch should support LLDP capabilities	
17	Should support IP Source Guard, DAI and IPv6 Security feature like IPv6 RA Guard and IPv6 Neighbour Discovery Inspection	
18	Should support Secure Shell (SSH) Protocol and Simple Network Management Protocol Version 3 (SNMPv3).	
19	Switch needs to have console port for administration & management	
20	Management using CLI (Telnet and SSH), GUI using Web interface should be supported	
21	FTP/TFTP for upgrading the operating System	
22	Switch should be capable of supporting IEEE 802.1ae MACsec (AES-256) in future with/without additional license.	
23	Should support Energy Efficient Ethernet	
24	Should support Standards-based micro segmentation/Hyper segmentation OR Private VLAN.	
25	The Switches support perpetual PoE, which provides uninterrupted power to connected PoE powered devices even when the switch is rebooting.	
26	IEEE 802.1x support, IEEE 802.1D Spanning-Tree Protocol, IEEE 802.1p class-of-service (CoS) prioritization, IEEE 802.1Q VLAN, IEEE 802.3 10BASE-T specification, IEEE 802.3u 100BASE-TX, IEEE802.2af and IEEE802.3at	
27	Switch should support internal redundant power supply.	

28	OEM should provide the switch which will be made the full functionality of the Wireless solution. Switch should provide the power to AP as per the AP requirement.	
29	Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) certified	

Technical Requirement/Specification – Non-POE Access Switch.

Make: <to be provided by bidder>

Model: <to be provided by bidder>

S. No.	Detailed Technical Specifications	Complied (Yes / No)
1	Architecture	
2	The Access Point and Non-POE switch should be same and OEM should be Market Leader for wired and wireless for the last consecutive 3 years (from well-known market research organisations such as Gartner/IDC etc.)	
3	The Proposed Switch should support Switching capacity of minimum 128 Gbps or more	
4	The Proposed Switch should support Switch forwarding rates of minimum 90 Mpps or more	
5	The Proposed Switch should support 24 no's of 10/100/1000 Mbps Base-T ports and 4 x 1/10G SFP+ ports onboard	
6	The Proposed Switch should have minimum 1GHz CPU or more	
7	Switch should be populated with 2 x 10G LR Optics from day1	
8	The Proposed Switch should have minimum 2GB DRAM or more	
9	The Proposed Switch should have minimum 2GB Flash or more	
	Connectivity	
11	The Proposed switch must support 802.3ad based standard port/link aggregation, Jumbo frames, storm control	
12	The Proposed switches should be able to support stacking / switch virtualization technology which makes single IP management of up to 4 Switch in same Rack, Across Rack, Same Floor, Across Floor, Same Bldg. or	

	Across the Bldg. or spread across the campus. Stacking cable with accessories should be provided wherever required.	
13	The Proposed switch should support Stacking / switch virtualization technology capability if required as option and should support stacking bandwidth of 40 Gbps or more.	
	Switching features	
14	The Proposed Switch should support 802.1D, 802.1s, 802.1w, VSTP	
15	The Proposed Switch should support IEEE 802.3ad Link Aggregation of up to 128 groups of 8 ports per group	
16	The Proposed Switch Should support minimum 16,000 numbers of MAC addresses or more	
17	The Proposed Switch Should support Jumbo Frames of 9216 bytes	
18	The Proposed Switch should support Port-Based and MAC-Based VLANs, Voice VLAN, Private VLAN, 802.1Q VLAN Tagging, 802.1Q-in-Q VLAN Stacking	
19	The Proposed Switch should support IEEE 802.1ag, IEEE 802.3ah, 802.3x, IEEE 802.1br	
	L3 Features	
20	The Proposed Switch should support minimum 1000 ARP entries or more and Support for minimum 500 IPv4 unicast routes or more	
21	The Proposed Switch should support IPv6	
22	The Proposed Switch Should Support minimum 100 IPv6 unicast routes or more and 1,000 IPv6 multicast routes or more	
23	The Proposed Switch should be capable to Support Layer3 routing protocols like Static, RIP v1/v2, OSPF, RIPnG, OSPFv3 from day1.	
24	The Proposed Switch should be capable to Support IGMP v1,v2,v3, IGMP snooping, PIM SM, SSM and DM with additional license as and when required.	

	Security	
25	The Proposed Switch Should Support Control plane denial-of-service (DoS) protection	
26	The Proposed Switch Should Support Port Based ACL, VLAN Based ACL, Router Based ACL.	
27	The Proposed Switch Should Support for L2 to L4 ACLs	
28	The Proposed Switch Should Support DHCP Snooping, DAI, MAC-Limiting, MAC-Security, 802.1X dynamic ACL based on RADIUS attributes	
	Quality Of Service	
29	The Proposed Switch Should Support minimum 8 number of hardware queues per port	
30	The Proposed Switch Should Support following L2-L4 classification criteria: Interface, MAC address, Ether Type, 802.1p, VLAN, IP address, DSCP/IP precedence, TCP/UDP port numbers	
31	The Proposed Switch Should Support 802.1p, DSCP /IP precedence trust and marking	
32	The Proposed Switch Should Support Following Scheduling methods (egress): Strict Priority (SP), deficit weighted round-robin (SDWRR)	
33	The Proposed Switch Should Support Congestion avoidance capabilities: Tail drop	
	Management	
34	The Proposed Switch Should Support enhanced CLI with exclusive debug / troubleshooting capability.	
35	SNMP v1, v2, v3, RMON enabled, SSH, telnet, CLI and should have out of Band Management port	
36	Switch should support port-mirroring feature for monitoring network traffic of a particular port/VLAN.	
37	The Proposed Switch Should Support ZTP.	
38	The Proposed Switch Should support features for Operational simplicity such as Rescue Configuration, Automated and manual Configuration rollback.	

39	The Proposed Switch Should Support DHCP Server	
40	The Proposed Switch Should Support Extended ping and traceroute	
	High Availability	
41	The Proposed Switch Should be capable to Support Stateful Switchover (GRES) between master and backup switch to ensure minimum traffic loss during failover in Stacking/ Switch virtualization technology	
	Certifications	
42	Switch should be ROHS compliant	
43	<p>The switch should comply with following safety certification</p> <ul style="list-style-type: none"> • UL-UL60950-1, C-UL to CAN/CSA 22.2 No.60950-1 ^[1]_{SEP} • TUV/GS to EN 60950-1, Amendment A1-A4, A11 • CB-IEC60950-1, all country deviations • EN 60825-1 	

Technical Requirement/Specification – New Core Switches:

Make: <to be provided by bidder>

Model: <to be provided by bidder>

S. No.	Detailed Technical Specifications	Compliance (Yes / No)
1	The Access Point and switch should be same and OEM should be Market Leader for wired and wireless for the last consecutive 3 years (from well-known market research organisations such as Gartner/IDC etc.)	
2	Switch should have minimum of 24 x 1G/10G SFP+ ports and 2 x 40G/100Gbe ports.	
3	Switch should be populated with 18 x 10G LR Optics and required stack cables and accessories from day1	
4	Switch should be populated with 2 x 10G Base-T Optics from Day 1	
5	Switch should be provided with 3-year software and next day hardware replacement support	

6	Complete provisioning and management of switch should be from the same management dashboard which is used to manage wireless platform.	
7	The Switch should be 1 U Rack mountable and should provide stacking of minimum 8 switches. (All the stacking accessories should be included from day 1).	
8	The Switch should have Minimum 4GB DRAM and 16GB internal Flash/SSD	
9	1000Gbps or higher Backplane capacity and minimum 800 Mpps of forwarding rate (excluding the stacking bandwidth and forwarding)	
10	Should support non-blocking hardware architecture	
11	Support for at least 4000 VLANs & 100K MAC address	
12	It should support IGMP snooping v1,v2 & v3.	
13	It should have static IP routing from Day 1 and should be upgradable to support OSPF, PIM, EVPN-VXLAN and BGP.	
14	The switch should support 80k IPv4/ 40K IPv6 and 16k Multicast Routes/entries.	
15	Switch should support 8 hardware queues per port	
16	Dynamic Host Configuration Protocol (DHCP) snooping and MLD snooping	
17	Switch should support LLDP capabilities	
18	Should support IP Source Guard, DAI and IPv6 Security feature like IPv6 RA Guard and IPv6 Neighbour Discovery Inspection	
19	Should support Secure Shell (SSH) Protocol and Simple Network Management Protocol Version 3 (SNMPv3).	
20	Switch needs to have console port for administration & management	
21	Management using CLI (Telnet and SSH), GUI using Web interface should be supported	
22	FTP/TFTP for upgrading the operating System	
23	Switch should be capable of supporting IEEE 802.1ae MACsec (AES-256) in future with/without additional license.	
24	Should support Energy Efficient Ethernet	
25	Should support Standards-based micro segmentation/Hyper Segmentation OR Private VLAN.	

26	IEEE 802.1x support, IEEE 802.1D Spanning-Tree Protocol, IEEE 802.1p class-of-service (CoS) prioritization, IEEE 802.1Q VLAN.	
27	Switch should support internal redundant power supply.	
28	Switch should support redundant hot-swappable fans.	
29	Switch should be UL-UL60950-1, FCC Part 15, VCCI Class A, EN 55022/550032, EN 55024, EN 300386, CAN/CSA 22.2 No.60950-1, Reduction of Hazardous Substances (ROHS) certified	

28. Annexure V: Pre-Contract Integrity Pact

Pre-Contract Integrity Pact

(This has to be submitted in the non-judicial Stamp Paper of minimum Rs.200) Subject:

Ref:

1. GENERAL

1.1. This pre-bid contract Agreement (herein after called the Integrity Pact) is made on day of the month 20, between, the IGIDR, Goregaon Mumbai (hereinafter referred to as BUYER which expression shall include its successors and assigns) acting through Shri, Registrar, IGIDR, Gen A.k Vaidya Santosh Nagar Film city road, Goregaon, Mumbai representing IGIDR, of the BUYER, of the FIRST PART

M/s. _____

AND

represented by Shri _____ Chief Executive

Officer/Authorised Signatory (hereinafter called the "BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER", which expression shall mean and include, unless the context otherwise requires, his successors and permitted assigns), of the SECOND PART

1.2. WHEREAS the BUYER proposes to procure Supply, Installation, Testing & Commissioning of Wi-Fi System and the BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER is willing to offer/has offered the solution.

1.3. WHEREAS the BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER is a private company/ public company/Government undertaking/ partnership/ LLP/service provider, duly constituted in accordance with the relevant law governing its formation/incorporation/constitution and the BUYER is a trust/charitable institute.

1.4. WHEREAS the BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER has clearly understood that the signing of this agreement is an essential prerequisite for participation in the bidding process in respect of Supply, Installation, Testing & Commissioning of Wi-Fi System proposed to be procured by the BUYER and also understood that this agreement would be effective from the stage of invitation of bids till the complete execution of the agreement and beyond as provided in clause 1.3 and the breach of this agreement detected or found at any stage of the procurement process shall result into rejection of the bid and cancellation of contract rendering BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER liable for damages and replacement costs incurred by the BUYER.

2. NOW, THEREFORE, the BUYER and the BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER agree to enter into this pre-contract integrity agreement, hereinafter referred to as Integrity Pact, which shall form part and parcel of BID as also the contract agreement if contracted with BIDDER, in the event that the BIDDER turns out to be successful bidder, and it is intended through this agreement to avoid all forms of corruption by following a system that is fair, transparent and free from any influence/prejudiced dealings prior to, during and subsequent to the Contract to be entered into with a view to:-

2.1. Enabling the BUYER to obtain the desired project for Supply, Installation, Testing & Commissioning of Wi-Fi System at a competitive price in conformity with the defined specifications by avoiding the high cost and the distortionary impact of corruption on public procurement.

2.2. Enabling BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER/SERVICE PROVIDER to refrain from bribing or indulging in any corrupt practices in order to secure the contract, by providing assurance to them that the BUYER shall not be influenced in any way by the bribery or corrupt practices emanating from or resorted to by their competitors and that all procurements shall be free from any blemish or stain of corruption and the BUYER stays committed to prevent corruption, in any form, by its officials by following transparent procedures.

The parties hereto hereby agree to enter into this integrity Pact and agree as follows:

3. COMMITMENTS OF THE BUYER

The BUYER commits itself to the following: -

3.1. The BUYER represents that all officials of the BUYER, connected whether directly or indirectly with the procurement process are duty bound by rules and regulations governing their service terms and conditions not to demand, take promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favour or any material or immaterial benefit or any other advantage from the BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER either for themselves or for any person, organization or third party related to the contract in exchange for an advantage in the bidding process, bid evaluation, contracting or implementation process related to the contract.

3.2. The BUYER will, during the pre-contract stage, treat all BIDDERS/SELLERS/CONTRACTORS/SERVICE PROVIDERS alike, and will provide to all BIDDERS/SELLERS/CONTRACTORS/SERVICE PROVIDERS the same information and will not provide any such information to any particular BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER which could afford an advantage to that particular BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER in comparison to the other BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDERS.

4. COMMITMENTS OF BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDERS

The BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER commits itself to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of its bid or during any pre-contract or post-contract stage in order to secure the contract or in furtherance to secure it and in particular commit itself to the following: -

4.1. The BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER will not offer, directly or through intermediaries, any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the BUYER, connected directly or indirectly with the bidding process, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding, evaluation, contracting and implementation of the contract.

4.2. The BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER further undertakes that it has not given, offered or promised to give, directly or indirectly any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage, or inducement to any official of the BUYER or otherwise for procuring the Contract or for forbearing to do or for having done any act in relation to the obtaining or execution of the contract or any other contract with the BUYER or for showing or forbearing to show favour or disfavour to any person in relation to the contract or any other contract with the BUYER.

4.3. The BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER further confirms and declares to the BUYER that the BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER is the original Manufacturer/Integrator/Authorized government sponsored export entity of the stores/Authorised Service Provider having necessary authorizations, intellectual property rights and approvals from the intellectual property right owners of such materials/services and has not engaged any individual or firm or IGIDR whether Indian or foreign to intercede, facilitate or in any way to recommend to the BUYER or any of its functionaries, whether officially or unofficially to the award of the contract to the BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER, nor has any amount been paid, promised or intended to be paid to any such individual, firm or IGIDR in respect of any such intercession, facilitation or recommendation.

4.4. The BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER, either while presenting the bid or during pre-contract negotiations or before signing the contract, shall disclose any payment he has made, is committed to or intends to make to officials of the BUYER or their family members, agents, brokers or any other intermediaries in connection with the contract and the details of services agreed upon for such payments.

4.5. The BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER will not collude with other parties interested in the contract to impair the transparency, fairness and progress of the bidding process, bid evaluation, contracting and implementation of the contract.

4.6. The BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities emanating from other competitors or from anyone else.

4.7. The BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER shall not use improperly, for purpose of competition or personal gain, or pass on to others, any information provided by the BUYER as part of the business relationship, regarding plans, technical proposal and business details, including information contained in any electronic data carrier. The BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER also undertakes to exercise due and adequate care lest any such information is divulged.

4.8. The BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.

4.9. The BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER shall not instigate or cause to instigate any third person to commit any of the acts mentioned above.

5. PREVIOUS TRANSGRESSION

5.1. The BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER declares that no previous transgression occurred in the last three years immediately before signing of this Integrity Pact with any other organization in any country in respect of any corrupt practices envisaged hereunder or with any Public Sector Company, Public Sector Enterprise/Undertaking in India or any Government Department in India that could justify BIDDER's exclusion from the tender process.

5.2. If the BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER makes incorrect statement on this subject, BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER can be disqualified from the tender/bid process or the contract, if already awarded, can be terminated for such reason.

6. EARNEST MONEY (SECURITY DEPOSIT)

6.1. Every BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER while submitting commercial bid, shall deposit an amount as specified in BID/Tender Documents as Earnest Money/Security, Deposit, with the BUYER through any of the instruments as detailed in the tender documents.

6.2. The Earnest Money/Security Deposit shall be *valid for a period till* the complete conclusion of the contractual obligations or for such period as mentioned in BID/Contract, including warranty period, whichever is later to the complete satisfaction of BUYER.

6.3. In the case of successful BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER, a clause would also be incorporated in the Article pertaining to Performance Bond in the Purchase Contract that the provisions of Sanctions for violation shall be applicable for forfeiture of Performance Bond in case of a decision by the BUYER to forfeit the same without assigning any reason for imposing sanction for violation of this Pact.

6.4. No interest shall be payable by the BUYER to the BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER on Earnest Money/Security Deposit for the period of its currency.

7. SANCTIONS FOR VIOLATIONS

7.1. Any breach of the provisions herein contained by the BIDDER/SELLER /CONTRACTOR/SERVICE PROVIDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER shall entitle the BUYER to take all or any one of the following actions, wherever required: -

i. To immediately call off the pre contract negotiations without assigning any reason or giving any compensation to the BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER. However, the proceedings with the other BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER(s) would continue.

ii. To forfeit fully or partially the Earnest Money Deposit (in pre-contract stage) and/or Security Deposit/Performance Bond (after the contract is signed), as decided by the BUYER and the BUYER shall not be required to assign any reason therefor.

iii. To immediately cancel the contract, if already signed, without giving any compensation to the BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER.

iv. To recover all sums already paid by the BUYER, and in case of the Indian BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER with interest thereon at 2% higher than the prevailing Prime Lending Rate of (Name of the Company/Financial Institution) while in case of a BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER from a country other than India with Interest thereon at 2% higher than the LIBOR. If any outstanding payment is due to the BIDDER/SELLER /CONTRACTOR from the BUYER in connection with any other contract such outstanding payment could also be utilized to recover the aforesaid sum and interest. The BUYER shall also be entitled to recover the replacement costs from BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER.

v. To encash the advance Company, guarantee and performance bond/warranty bond, if furnished by the BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER, in order to recover the payments, already made by the BUYER, along with interest.

vi. To cancel all or any other contracts with the BIDDER

/SELLER/CONTRACTOR/SERVICE PROVIDER and the BIDDER/SELLER /CONTRACTOR/SERVICE PROVIDER shall be liable to pay compensation for any loss or damage to the BUYER resulting from such cancellation/rescission and the BUYER shall be entitled to deduct the amount so payable from the money(s) due to the BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER.

vii. To debar the BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER from participating in future bidding processes of the BUYER for a minimum period of five years, which may be further extended at the discretion of the BUYER.

viii. To recover all sums paid in violation of this Pact by BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER(s) to any middlemen or agent or broker with a view to securing the contract.

ix. In cases where irrevocable Letters of Credit have been received in respect of any contract signed by the BUYER with the BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER, the same shall not be opened.

x. Forfeiture of The Performance Bond in case of a decision by the BUYER to forfeit the same without assigning any reason for imposing sanction for violation of this Pact.

xi. The BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER shall not lend to or borrow any money from or enter into any monetary dealings or transactions, directly or indirectly, with any employee of the BUYER, and if he does so, the BUYER shall be entitled forthwith to rescind the contract and all other contracts with the BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER. The BIDDER/SELLER/

CONTRACTOR shall be liable to pay compensation for any loss or damage to the BUYER resulting from such rescission and the BUYER shall be entitled to deduct the amount so payable from the money(s) due to the BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER.

7.2. The BUYER will be entitled to take all or any of the actions mentioned at para 7.1 (i) to (xi) of this Pact, also in the event of commission by the BIDDER/ SELLER/CONTRACTOR/SERVICE PROVIDER or anyone employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER), of an offence as defined In Chapter IX of the Indian Penal code, 1860 or Prevention of Corruption Act, 1988 or any other statute enacted for prevention of corruption.

7.3. The decision of the BUYER to the effect that a breach of the provisions of this pact has been committed by the BIDDER/SELLER/ CONTRACTOR shall be final and conclusive on the BIDDER/SELLER /CONTRACTOR. However, the

BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER can approach the Independent External Monitor(s) appointed for the purposes of this Pact.

8. OTHER LEGAL ACTIONS

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

9. VALIDITY

9.1. The validity of this Integrity Pact shall be from the date of its signing and extend up to 6 years or such longer period as mentioned in BID/Contract or the complete execution of the contract to the satisfaction of the BUYER whichever is later. In case BIDDER/SELLER/CONTRACTOR/SERVICE PROVIDER is unsuccessful, this Integrity Pact shall expire after six months from the date of the signing of the contract.

9.2. If one or several provisions of this Pact turn out to be invalid; the remainder of this Pact shall remain valid. In such case, the parties will strive to come to an agreement to their original intentions.

10. The parties hereby sign this Integrity Pact at on

BUYER

Name of the Officer

Designation

Indira Gandhi Institute of Development Research

Witness

1)

2)

BIDDER

AUTHORISED SIGNATORY

Designation

Witness

1)

2)

29. Annexure W Financial Bid

(Should be submitted on Company's letterhead with company seal and signature of the authorized person)

NIT: IGIDR/Tender/2024/CC/05

Price details of Wi-Fi Active and Passive components.

[Amount in Indian Rupees]

PART - A

Sl. No.	Requirement Details	Quantity\ UOM	Unit Price with 3 years Comprehensive onsite warranty and support (Excl. of Tax)	Total Cost Price with 3 Years Comprehensive Onsite Warranty and Support (Excl. of tax)	Tax for Column C		Price with 3 Years Comprehensive Onsite Warranty and Support (Incl. of tax)
					Tax %	Tax Amt.	
		A	B	C=AxB	D	E	F=C+E
A.1	<u>POE Access Switch:</u> 24 x 10/100/1000BaseT PoE+, 4x 10G SFP+ Uplink ports, , 1 AC PSU. PoE budget of 740W Including Cloud/On-prem Manage subscription for Access Switches. Direct OEM NEXT DAY 3 Years Warranty & Support.	20 Nos.					
A.2	SFP28, 25GE Direct Attach Copper Cable, 1 meter. STACK CABLE FOR ACCESS SWITCH.	2 Nos.					

	Direct OEM NEXT DAY 3 Years Warranty & Support.						
A.3	<p>SFP+, 10GBASE-LR, SMF 10 km, Duplex LC connector. 10G LR OPTICS TO UPLINK TO CORE SWITCH.</p> <p>Including Fiber SM Patch Cord (10Gig) 1 metre</p> <p>Direct OEM NEXT DAY 3 Years Warranty & Support.</p>	40 Nos.					
A.4	<p>SFP+, 10GBASE-T connector. Including 3ft or 5 ft 10Gig Patch Cord to connect to Extended Switch</p> <p>Direct OEM NEXT DAY 3 Years Warranty & Support.</p>	10 Nos.					
A.5	<p><u>NON-POE Access Switch.:</u> - 24 x 10/100/1000BaseT, 4x 10G SFP+ Uplink ports.</p> <p>Cloud/On-prem Manage subscription for Access Switches.</p> <p>Direct OEM NEXT DAY 3 Years Warranty & Support.</p>	5 Nos.					
A.6	SFP+, 10GBASE-SR, MMF 300m, Duplex LC	6 Nos.					

	<p>connector. Including 1 metre MM Patch Cord to UPLINK TO extended Switch</p> <p>Direct OEM NEXT DAY 3 Years Warranty & Support.</p>						
A.7	<p><u>INDOOR Access Point:</u></p> <p>-</p> <p>802.11a/b/g/n/ac /ax. support minimum 4X4:4 MU-MIMO on at least 5Ghz Band. aggregate data rate of minimum 2.9 Gbps (2.4 Gbps on 5 GHz and 500 Mbps on 2.4 GHz). 2.4GHz omnidirectional antennas with 5 dBi peak gain and Four 5GHz omnidirectional antennas should with 6 dBi peak gain or better. support WPA2/WPA3 enterprise authentication and AES encryption. AP must support Authentication via 802.1X and Active Directory.</p> <p>Cloud/On-prem subscription and support for Indoor Access Point.</p> <p>Direct OEM NEXT DAY 3 Years Warranty & Support.</p>	279 Nos.					

A.8	<p><u>OUTDOOR Access Point:</u> -</p> <p>802.11a/b/g/n/ac /ax. support minimum 4X4:4 MU-MIMO on both bands. (2.4 and 5GHz). support aggregate data rate of minimum 4.8Gbps.2.4GHz omnidirectional antennas with 4 dBi peak gain and four 5GHz omnidirectional antennas should with 6 dBi peak gain or better. support WPA2/WPA3 enterprise authentication and AES encryption. AP must support Authentication via 802.1X and Active Directory. Cloud/On-prem subscription and support for Outdoor Access Points.</p> <p>Direct OEM NEXT DAY 3 Years Warranty & Support.</p>	30 Nos.					
A.9	<p><u>Cloud based Controller (APs and Switches) and Guest Access management.:</u></p> <p>-</p> <p>Cloud Base Controller with including license & Dashboard Monitoring control services from day 1.</p> <p>compatible to 802.11 ac/n/a/b/g. Support</p>	1 Service					

	<p>WIPS, Rouge AP detection and Honeypot AP detection support up to 16 SSIDs per AP and the cloud/on-prem controller should be scalable to handle around 5000 APs or more in future. Provide the automated client and network insights to auto troubleshoot issues with DHCP, DNS, Gateway/ARP, Radius etc. related issues. Integrate with various external authentication mechanism including the AD/RADIUS servers, etc. Support Guest Portal from Day 1 with many Authentication Mechanisms including Google login, Facebook login, email-based Login, and sponsored Guest Access facility as well. It should send SMS to mobile of the guest with login /OTP/password details. Artificial Intelligence, Micro Services Based, Cloud/On-Prem Controller. support on WPA2 + WPA3 transition mode.</p> <p>Direct OEM NEXT DAY 3 Years Warranty & Support</p>						
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A.10	<u>Passive Material Laying Service Including Redressing Details, -</u>						
	i) For Indoor Access Points cabling: - CAT-6 /CAT-7 STP Cable Laying Service Total Length for Indoor.	2055 MTR.					
	ii) For Outdoor Access Point cabling: - CAT-7 STP Cable Laying Service Total Length.	1111 MTR.					
	iii) AP Mounting Service	303 Nos.					
	iv) AP Un Mounting from existing place	264 Nos.					
	v) HDPE Pipe laying Service	800 Nos.					
	vi) PVC Pipe fitting for Outside Room	1000MTR .					
	vii) Casing Patti for Inside Room	666 metres					
	viii) Out Door Mounting/Fixing Pole Service. :- GI powder coated poles for mounting of 1nos. of access point on each pole with necessary accessories including required foundation for the same (Refer site plan layout for details, other outdoor Access Points are considered on building wall).	4 Nos.					

	<p>ix) Cutting/Digging/ gypsum ceiling structures Cable Service.: -</p> <p>(S/I/T/C of RCC/PCC cutting to a depth of 100 mm and remaking the same after laying the cables to the satisfaction of the client.</p> <p>S/I/T/C of core cutting in RCC/brick walls and remaking the same after laying the cables to the satisfaction of the client.</p> <p>S/I/T/C of cutting in wooden structures and remaking the same after laying the cables to the satisfaction of the client.</p> <p>S/I/T/C of cutting in gypsum ceiling structures and remaking the same after laying the cables to the satisfaction of the client</p> <p>Connectors</p> <p>Miscellaneous</p>	<p>220 MTR.</p> <p>1</p> <p>1</p>					
A.11	<p><u>Passive Material Details: -</u></p> <p>i) CAT 6 Cable (Indoor)</p> <p>ii) CAT 7 STP Cable for Out Door.</p>	<p>7Box.</p> <p>5Box</p>					

	<p>iii) CAT 6 Patch Pannel with I/O (24 Port)</p> <p>iv) HDPE Pipe</p> <p>v) PVC Pipe for Outside Room</p> <p>vi) Casing Patti for Inside Room</p> <p>vii) Outdoor Mounting Pole.: - GI powder coated poles (80 mm OD, C-Class 5 with appropriate height) with base plate (8X8 inch) for mounting of access point on each pole with necessary accessories including required foundation of size 400x400 mm and 2ft deep for the same (Refer site plan layout for details, other outdoor Access Points are considered on building wall).</p> <p>Viii) Cat 6 Patch Cord 1Mtr</p> <p>ix) Cat 6 Patch Cord 2Mtr.</p>	<p>02 Nos.</p> <p>800 MTR.</p> <p>1000 MTR.</p> <p>666 MTR</p> <p>4 Nos.</p> <p>100 Nos.</p> <p>50 Nos</p>					
A.12	<p>Installation of Radius on existing Active Directory Server in case AD authentication is not supported by Wi-Fi system & DHCP configuration on Core Switch.</p>	1 Service					

A.13	One Time Installation & configuration of all Active, Passive items of Wi-Fi system (Switches & APs and Cloud based services etc) with Training.	1 Service					
				Total (A)			

PART – B Existing Extreme 5520 24X Core Switch SFP & Patch Cord Replacement.: -

Sl. No.	Requirement Details	Quantity\ UOM	Unit Price with 3 years Comprehensive onsite warranty and support (Excl. of Tax)	Total Cost Price with 3 Years Comprehensive Onsite Warranty and Support (Excl. of tax)	Tax for Column C		Price with 3 Years Comprehensive Onsite Warranty and Support (Incl. of tax)
		A	B	C=AxB	Tax %	Tax Amt.	
B.1	SFP+ 10GBASE-LR SMF 10 km, Duplex LC connector for Old Extreme 5520-24X Core Switch. (SFM 10Gig SM Module with fully populated and all accessories.) Direct OEM NEXT DAY 3 Years Warranty & Support.	36					
B.2	SFP+, 10GBASE-SR, MMF 300m, Duplex LC connector. OEM	2					

	NEXT DAY. 10G SR OPTICS TO UPLINK TO extended Switch. OEM NEXT DAY with Multimode Fiber patch cable 3ft Direct OEM NEXT DAY 3 Years Warranty & Support.						
B.3	Fiber LC to LC patch cords 10Gig SM 10 metres.	40					
				Total (B)			

Grand Total(A+B)	
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Comprehensive AMC/Extended Warranty for Part A and Part B for 3 Years with NBD Support back-to-back arrangement from OEM.

Description	Amount (INR)	TAX	Amount with TAX (INR)
4 th years Comprehensive AMC/Extended Warranty & NBD Support.			
5 th years Comprehensive AMC/Extended Warranty & NBD Support.			
6 th years Comprehensive AMC/Extended Warranty & NBD Support.			
TOTAL for 3-year AMC			

**GRAND TOTAL (A+ B with additional 3 years AMC) =
in words Rupees**

OPTIONAL:**PART-C: - New CORE SWITCH with AMC with Buyback of Existing core Switch**

Sl. No.	Requirement Details	Quantity\ UOM	Unit Price with 3 years Comprehensive onsite warranty and support (Excl. of Tax)	Total Cost Price with 3 Years Comprehensive Onsite Warranty and Support (Excl. of tax)	Tax for Column C		Price with 3 Years Comprehensive Onsite Warranty and Support (Incl. of tax)
					Tax %	Tax Amt	
		A	B	C=AxB	D	E	F=C+E
C.1	Core switch with 24x10GbaseX and 2x100G uplink ports. Cloud/On-prem Manage subscription for Core Switches with Direct OEM NEXT DAY 3 Years Warranty & support.	2					
C.2	SFP+, 10GBASE-LR SMF 10 km, Duplex LC connector. Direct OEM NEXT DAY 3 Years Warranty & support.	36					
C.3	SFP+ 10GE BASE-T Copper. 10G BASE-T COPPER OPTICS TO UPLINK TO CORE	4					

	SWITCH FROM SERVER SWITCH Direct OEM NEXT DAY 3 Years Warranty & support.						
C.4	QSFP 100GE Direct Attach Copper Cable, 1 meter, STACK CABLE FOR CORE SWITCH Direct OEM NEXT DAY 3 Years Warranty & support.	2					
C.5	SFP+, 10GBASE-SR, MMF 300m, Duplex LC connector. OEM NEXT DAY. 10G SR OPTICS TO UPLINK TO extended Switch. OEM NEXT DAY with Multimode Fiber patch cable 3ft Direct OEM NEXT DAY 3 Years Warranty & Support.	2					
C.6	Fiber LC to LC patch cords 10Gig SM 10 metres.	40					
				Total (C)			
D	Buy back of Existing Core Switches Model Extreme 5520-24X Core Switch with modules	2					

E				Total (C- D)			

Comprehensive AMC/Extended Warranty for Part A and Optional Part C for 3 Years with NBD Support back-to-back arrangement from OEM.

Description	Amount (INR)	TAX	Amount with TAX (INR)
4 th years Comprehensive AMC/Extended Warranty & NBD Support.			
5 th years Comprehensive AMC/Extended Warranty & NBD Support.			
6 th years Comprehensive AMC/Extended Warranty & NBD Support.			
TOTAL for 3-year AMC			

GRAND TOTAL (A + C with additional 3 years AMC) =

in words Rupees

- Bill of material is submitted on the letter head and is signed by an Authorized Signatory with Name and Seal of the IGIDR.
- **Bidder is not allowed to propose quantity less than the quantity mentioned in the BOM. However, the bidder is free to increase the quantity to meet the solution functionality as per its Technical Proposal. Bidder shall be paid for lower of actual number of items installed and the number quoted in the bid. The bidder has to ensure the -65 dbi signal strength or lower for Wi-Fi 6 in all accessible location. If any additional APs required to be installed during execution the bidder should provide at their own cost. No additional cost will be paid by institute.**
- We confirm that we have gone through BID clauses, subsequent amendments and replies to pre-bid queries (if any) and abide by the same.
- We have not changed the structure of the format nor added any extra items. We note that any such alteration will lead to rejection of Bid.
- We agree that no counter condition/assumption in response to commercial bid will be accepted by the IGIDR. IGIDR has a right to reject such bid.
- We are agreeable to the payment schedule as per "Payment Terms" of the BID.
- Bidder must be same making of Access Point & Access Switch, etc.
- Bidder must be submitted including part number in commercial.

- **It should be the sole discretion of the institute to consider the Optional quoted items if any for the evaluation and part of the contract. The bid evaluation will be done accordingly.**
- Preferred Brand below Details.: -
 - Juniper
 - Ruckus
 - CISCO Meraki
 - HP/ARUBA
 - Extreme

Date

Signature with seal Name :
Designation :