

**Tender
Document
for
Selection of Partner for Design, Supply, Installation,
Testing and Commissioning for
Comprehensive Upgradation of Video Conferencing
Infrastructure, Jaipur**



EdCIL (India) Limited
Corporate Office:
A Govt. of India, Mini Ratna Category-I CPSE
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CIN No. - U74899DL1981GOI011882

NIT No: EdCIL/DES/VC/2025-26/01**Dated: 25.04.2025****This document is serially numbered from page number 01 to 101****DISCLAIMER**

The information contained in this Request for Proposal document (the "RFP") or subsequently provided to Bidder(s), whether verbally or in documentary or any other form by or on behalf of the EdCIL (India) Limited or any of its employees or advisors, is provided to Bidder(s) on the terms and conditions set out in this RFP and such other terms and conditions subject to which such information is provided.

This RFP is not an Agreement and is neither an offer nor invitation by EdCIL to the prospective Bidders or any other person. The purpose of this RFP is to provide interested parties with information that may be useful to them in making their financial offers (BIDs) pursuant to this RFP. This RFP includes statements, which reflect various assumptions and assessments arrived at by EdCIL in relation to the Project. Such assumptions, assessments and statements do not purport to contain all the information that each Bidder may require. This RFP may not be appropriate for all persons, and it is not possible for the EdCIL, its employees or advisors to consider the investment objectives, financial situation and particular needs of each party who reads or uses this RFP. The assumptions, assessments, statements and information contained in the Bidding Documents may not be complete, accurate, adequate or correct. Each Bidder should, therefore, conduct its own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments, statements and information contained in this RFP and obtain independent advice from appropriate sources.

Information provided in this RFP to the Bidder(s) is 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 EdCIL accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed herein.

EdCIL, its employees and advisors make no representation or warranty and shall have no liability to any person, including any Bidder under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this RFP or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the RFP and any assessment, assumption, statement or information contained therein or deemed to form part of this RFP or arising in any way for participation in this BID Stage.

EdCIL also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Bidder upon the statements contained in this

RFP. EdCIL may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this RFP. The issue of this RFP does not imply that EdCIL is bound to select a Bidder or to appoint the Selected Bidder, as the case may be, for the Project and EdCIL reserves the right to reject all or any of the Bidders or BIDs without assigning any reason whatsoever.

The Bidder shall bear all its costs associated with or relating to the preparation and submission of its BID including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by EdCIL, site visits, investigations, studies or any other costs incurred in connection with or relating to its BID. All such costs and expenses will remain with the Bidder and EdCIL shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a Bidder in preparation or submission of the BID, regardless of the conduct or outcome of the Bidding Process.

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Section-1

Introduction

EdCIL (India) Limited is a Government of India Mini-Ratna Category-I CPSE under Ministry of Education. It is the only CPSE offering project and consultancy management services in all areas of education and human resource development within India and overseas. EdCIL also works on nomination basis for implementing the Video conferencing solutions and providing its services.

Bids are invited from all eligible bidders through open tender for Pre-Tender Tie-up with EdCIL for Selection of Partner for Design, Supply, Installation, Testing and Commissioning for Comprehensive Upgradation of **Video Conferencing Infrastructure** at Jaipur.

This tender is floated for Selection of Partner ready to work in the above project for EdCIL on an exclusive basis.

Submission of Online Bids is mandatory for this TENDER. Prospective bidders need to submit their bids with the most competitive Techno-commercial double packet offer for the aforesaid work. Govt. Guidelines/ EdCIL Guidelines if applicable may be followed. TENDER document is available on Tender Wizard, <http://www.tenderwizard.com/EDCIL>. The important dates are as given below:

1. Important Dates

Date of Posting of TENDER	25-04-2025
Start Date of downloading/viewing TENDER	25-04-2025
Last date & time for Offline and Online submission of Bids	13/05/2025 up to 13:00 Hrs. In case a Holiday is declared on the day of the event, the same will be held on the next working day at the same time & venue.
Online Opening of Technical Bid (Dual Packet)	13/05/2025

Bids shall be submitted on Tender Wizard, <http://www.tenderwizard.com/EDCIL>. Bidders are advised to visit Tender Wizard regularly for updates/amendments, if any.

Evaluation (Financial Evaluation):

- The financial evaluation will be on the basis of the Grand total cost as specified in the price bid (Section - 13)
- The least cost proposal/lowest quoting bidder will be ranked as L1 and the next higher and so on will be ranked as L2, L3 etc.
- The least cost proposal/lowest quoting bidder (L1) will be considered for award of contract.
- The price discovered by all the bidders will not be disclosed in public till the time the ultimate bid by prospective client at Jaipur is not opened.

Additional Clauses:

- a. This is a open tender. Bid by consortium is not allowed.
 - b. The bidder needs to submit un-priced BOQ mentioning make and model of all the equipment being quoted along with their technical bid.**
2. The bidder should give an undertaking on the company's letterhead that all the documents/certificates/information submitted by them against this TENDER are genuine. In case any of the documents/certificates/information submitted by the bidder is found to be false or forged, EdCIL shall immediately reject the bid of such bidder(s) or cancel/terminate the contract and forfeit bid security / Performance Security submitted by the bidder and debar them from participation in future TENDERS/tenders of EdCIL for a period upto 2 years.
 3. A statement showing Clause-by-Clause compliance to all Terms & Conditions of all the Sections of this TENDER as well as client's tender (which forms part of this TENDER), duly Signed and Stamped on the Letter Head of their Organization. The bidder shall submit No-Deviation Certificate along with above.
 4. Bidder shall submit technical data sheet by highlighting each complied specification. Wherever technical specifications and operational/functional requirements not mentioned in datasheet, OEM compliance shall be submitted.
 5. The tender and forthcoming Addendums /Corrigendum in Prospective Client's Tender forms an integral part of this TENDER.
 - 6. Earnest Money Deposit (EMD):**

The bidder should enclose EMD of Rs. 2.5lakhs (Two Lakhs fifty thousand only) in form of Bank Guarantee/ Demand Draft/ Direct Bank Transfer as mentioned below:-

- In case of Direct Bank Transfer, NEFT/RTGS to the bank details for the transfer of funds is as below:
Bank Name - BANK-SBI-DELHI 36830596465
A/c No.- 36830596465
Branch & IFS Code - New Delhi & SBIN0000691
- In case of Demand Draft, The Bidder should submit EMD through Demand Draft drawn in favour of "EdCIL (India) Limited" payable at Noida from any Scheduled Commercial Bank as per Section-27.
- In case of BG, EMD to be submitted as per Section-14 from Scheduled Commercial Banks (Section-27). The BG should be valid till 90 days after the bid validity date.

Note:

- The Bid sent without EMD would be considered UNRESPONSIVE and will not be considered.
- Bidders registered with MSME/Startup and having valid registration certificate issued by NSIC/MSME are exempted for submission of EMD. However, MSMEs/Startup

are advised to submit their financial solvency certificate issued not earlier than 6 months from the last date of bid submission.

- The EMD/Bid Security may be forfeited if:
 - i. If the Bidder withdraws his bid during the period of bid validity specified by the Bidder on the Bid form or
 - ii. fails or refuses to execute the Contract, if required; or
 - iii. The successful bidder fails to submit performance security within the prescribed time. or The proceed of EMD shall be payable to EdCIL in case of breach of any of the terms and conditions of the contract/PO/tender by the vendor.

7. Evaluation

- a. EdCIL shall evaluate bids in respect to substantive responsiveness of the bid or otherwise. EdCIL shall carry out detailed evaluation of the substantially responsive bids only.
- b. A bid determined as substantially non-responsive technically/financially shall be rejected, even after opening the price bid.
- c. EdCIL may waive any minor infirmity or non-conformity or irregularity in the bid which does not constitute a material deviation.
- d. Among all technically qualified bids, the lowest bid will be termed as L1 (excluding taxes) derived from Price Bid Schedule.
- e. If there is a discrepancy between the unit price and total price that is obtained multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected.

8. Validity Period Of Bid

Bid shall remain valid for 180 days after the date of bid opening of the end clients tender. The bid valid for a shorter period shall be rejected as non-responsive.

In exceptional circumstances, EdCIL may request the bidder for an extension to the period of bid validity if same is extended by end client and accordingly, the bid security shall also be suitably extended by the bidder.

9. Authorization Letter/ Board Resolution:

The bidders need to submit board resolution along with authorization Letter in Online mode authorizing the signatory to act on behalf of the bidder. The Authorized person should be either authorized by Board or a employee authorized by one of the following person who has the Board Resolution to delegate authorization to other:

- a. Managing director
- b. The Chief Executive Officer
- c. The Manager
- d. The Company Secretary

- e. The Whole-time director
- f. The Chief Financial Officer

The bidder should ensure that the Digital Signature used for uploading the tender document in e tender portal should be of the authorized signatory.

10. Submission Of Forged Documents

Bidders should note that EdCIL may verify authenticity of all the documents/certificate/information submitted by them against the TENDER. In case at any stage of this process, if it is established that bidder has submitted forged documents/certificates/information towards fulfilment of any of the TENDER/contract conditions, EdCIL shall immediately reject the bid of such bidder(s) or cancel/terminate the contract and forfeit bid security / Performance Security submitted by the bidder and debar them from participation in future tenders of EdCIL for a period upto 2 years.

11. Clarification From Bidders

- The queries may be asked from bidders for submitting shortfall to be submitted within specified date and time. Also, every document submitted against following queries should be signed by the person authorized as per Authorization letter / Board Resolution submitted by bidder against tender, without which the documents will not be accepted as valid.
- The bidder must ensure that their bid is complete in all respects and conforms to TENDER terms and conditions, TENDER specifications etc. including client specifications, failing which the bids are liable to be rejected without seeking any clarifications on any exception/deviation taken by the bidder in their bid.
- EdCIL reserves the right to accept or reject any or all the TENDERS without assigning any reason.

End Of Section

Section- 2

Instructions for e-Tendering

Instructions for Online Bid Submission:

1. E-tendering is new technology for conducting public procurement in a transparent and secured manner. As per Government of India's directives, EdCIL (India) Limited has adopted E-tendering.
2. For conducting electronic tendering, EdCIL (India) Limited has decided to use Electronic tender portal link available with detailed information on e-tendering process. This portal built using Electronic tender's software is referred to as <http://www.tenderwizard.com/EDCIL>.
3. The bidders are required to submit soft copies of their bids electronically on <http://www.tenderwizard.com/EDCIL> e-tendering website, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the Tender Wizard E-Tendering Portal, prepare their bids in accordance with the requirements and submitting their bids online on the Tender Wizard E-Tendering Portal.
4. The scope of work to be tendered is available in the complete bid documents which can be viewed /downloaded from Tender Wizard E-Tendering Portal of <http://www.tenderwizard.com/EDCIL>. Both Technical Bid and Financial Bid will be submitted concurrently duly digitally signed in the website <http://www.tenderwizard.com/EDCIL>. No claim shall be entertained on account of disruptions of internet service being used by bidders. Bidders are advised to upload their bids well in advance to avoid last minute technical snags.
5. All Corrigendum/Amendment/Corrections, if any, will be published on the website <http://www.tenderwizard.com/EDCIL> as well as on EdCIL's website.
6. It is mandatory for all the applicants to have class-III Digital Signature Certificate (in the name of person who will sign the bid document) from any of the licensed certifying agency (Bidders can see the list of licensed Certifying Agencies from the link www.cca.gov.in) to participate in e-Procurement of EdCIL.
7. It is mandatory for the bidders to get their firm/company registered with e-procurement portal of EdCIL, i.e. www.tenderwizard.com/EDCIL to have user ID & password by submitting a non-refundable annual registration charge as follows:

1	Registration charges for 1 year	Rs. 2000/-
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(exclusive of taxes, levies, etc.) which can be paid online using the e-payment gateway to KEONICS through the portal address mentioned above. The registration so obtained

by the prospective bidder shall be valid for one year from the date of its issue and shall be subsequently renewed.

- a. Participant shall safely keep their User ID and password, which will be issued by the service provider i.e. KEONICS Ltd. upon registration, and which is necessary for e- tendering.
 - b. Bidders are advised to change the password immediately on receipt of activation mail.
 - c. Bidders shall not disclose their User ID as well as password and other material information relating to the e-tendering to any one and safeguard its secrecy.
8. Submit your tender well in advance by relevant documents along with copy of EMD of tender submission deadline on Tender Wizard E-Tendering Portal <http://www.tenderwizard.com/EDCIL>, as there could be last minute problems due to internet timeout, breakdown, etc.
 9. Tenders should be submitted only through Tender Wizard E-Tendering Portal and obtain the Tender Acknowledgement copy as a proof of successful submission.
 10. Vendors are requested to contact at Tender wizard Helpdesk for any information regarding E-tendering / training.

EdCIL / Tender Wizard E-Tendering Portal Helpdesk
Customer Support: 080-49352000 (Multiple Telephone lines) Emergency Mobile Numbers: 9686115318 / 8800496478 / 8800445981 (Please contact in case of emergency during non-working hours.)
To Tender Wizard harishkumar.kb@etenderwizard.com ambasa@etenderwizard.com arijeet@etenderwizard.com twhelpdesk963@gmail.com sandeep.g@etenderwizard.com & cc to: destenders@edcil.co.in & kssahni@edcil.co.in

Preparation Of Bids

- a. Bidder should take into account any corrigendum/addendum published on the portal before submitting their bids.
- b. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents-including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- c. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document/ schedule and generally, they can be in PDF format.

- d. Bid documents may be scanned with 100dpi with black and white option.

Submission Of Bids

- Bidder should log into the site well in advance for bid submission and complete all formalities of registration (at least two days in advance of the closing date) so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be sole responsible for any delay in uploading of bid within the stipulated time.
- The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- Bidder has to pay EMD as applicable through demand draft/BG as per tender condition in favour of “EdCIL (India) Ltd” payable at Noida and enter details of the instruments. Original copies of demand draft/BG for EMD are required to be submitted.
- A standard Financial Bid form has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the financial bid format is found to be modified by the bidder, the bid will be rejected.
- The server time will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.

Assistance To Bidders

Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority. For any other tender related queries bidders are requested to contact on below given numbers/email.

EdCIL / Tender Wizard E-Tendering Portal Helpdesk
Customer Support: 080-49352000 (Multiple Telephone lines) Emergency Mobile Numbers: 9686115318 / 8800496478 / 8800445981 (Please contact in case of emergency during non-working hours.)
To Tender Wizard harishkumar.kb@etenderwizard.com ambasa@etenderwizard.com arijeet@etenderwizard.com twhelpdesk963@gmail.com sandeep.g@etenderwizard.com & cc to: destenders@edcil.co.in & kssahni@edcil.co.in

Minimum Requirements At Bidder's End

- a. Computer System having configuration with minimum Windows7 or above, and Broadband connectivity
- b. Digital Certificate(s)

End Of Section

Section- 3

General Conditions of Contract

1. Bid Evaluation Process

The bid evaluation shall consist of the following phases:

- 1) Phase I– Evaluation of Technical bid in accordance to the Pre-Qualification criteria and other tender compliances. Evaluation of the Technical Bid of Pre- Qualified Bidder as per eligibility criteria mentioned in the bid document.
- 2) Phase II - Evaluation of Financial bid

Note: - It is mandatory for the bidder to qualify all the Pre – qualification stages to be eligible for further evaluation. Only technically qualified bidders shall be considered for opening of their Financial Bids and evaluation thereof.

Phase I: Evaluation of Technical Bid:

Bidder has to upload all documentary evidences in support of the following mentioned Eligibility Criteria. In the absence of such supporting documents, as mentioned against each criterion, the bid will be rejected summarily. The financial bid opening will be carried out for only those bidders who qualify in the Technical bid.

2. Pre-Qualification/Eligibility Criteria

The minimum pre-qualification criteria for the bidders to be eligible for this RFP process are specified below. Responses not meeting the minimum pre-qualification criteria will be rejected as soon as such proposals are received and will not be considered for Technical evaluation.

S. No.	Pre-Qualification/Eligibility Criteria	Supporting Document
1	The Bidder should be either a firm or a company registered under Companies Act, 1956 or 2013 in India and should have been in operation in India for at least last 5 years as on the date of submission of the bid. Consortium of companies/ firms is not allowed. Copies of VAT/CST/ GST registration certificates of the Firm should be submitted to establish the date of start of business.	Certificate of Incorporation issued by Registrar of Companies/Ministry of Corporate Affairs
2	The bidder shall be in IT & ITES business for the last 5 years and shall have 5 years of experience as on date of floating of tender in all of the following areas: Design, Supply, Installation, Testing and Commissioning for Comprehensive	Work Order + Satisfactory Certificate of Completion

	Upgradation of Video Conferencing Infrastructure	
3	<p>The Bidder should have satisfactorily completed at least one work order for similar type of works each costing not less than Rs. 1.6 Cr. in any Govt. department/ institutes in the last five years. However, for MSME AND START-UPS duly registered with government of India, this amount shall be Rs. 1.28 Cr. (executed as on date of submission of bid).</p> <p style="text-align: center;">OR</p> <p>The Bidder should have satisfactorily completed at least two work orders for similar type of work each costing not less than Rs. 1 Cr. in any Govt. department/ institutes in the last five years. However, for MSME AND START-UPS duly registered with government of India, this amount shall be Rs 80 lak. (executed as on date of submission of bid).</p> <p style="text-align: center;">OR</p> <p>The Bidder should have satisfactorily completed at least three work order for similar type of work costing not less than Rs. 80 lak. in any Govt. department/ institutes in the last five years. However, for MSME AND START-UPS duly registered with government of India, this amount shall be 64lak. (executed as on date of submission of bid).</p>	Work Order + Satisfactory Certificate of Completion
4	The bidder should be a certified ISO 9000/9001 certified company. Relevant Organizational Level Certificates to be provided	Copy of the valid ISO Certificate issued from the accreditation organization to be submitted as documentary proof.
5	The bidder shall be a registered firm or company in India with valid GST Registration and PAN number allotted by the respective authorities.	GST Registration Certificate and PAN number
6	The bidder should not have been debarred by any Central Government/ State Government/ PSU/ Government Bodies/Autonomous Bodies/Private Sector	The bidder shall furnish an undertaking duly attested by notary on a non-judicial stamp paper of value INR100/- (Rupees One Hundred Only)
7	The firm should be a profit-making concern for each of the last three consecutive financial years (FY 2021-22, 2022-23, 2023-24).	Audited and CA Certified financial statements.
8	Solvency certificate issued from bank of bidder for minimum value of Rs. 1.6 crores; not more than 6 months old.	Solvency certificate issued by bidder's bank (scheduled commercial bank as mentioned in Annexure).
9	Bidder shall be Class 1 / Class II Local Supplier	Annexure as per Section-19

- Technical bids will also be reviewed for compliance with the necessary Instructions, terms and conditions, scope of work, formats etc. as outlined in this tender.
- Notwithstanding anything stated above, the EdCIL reserves the right to assess bidder's capability and capacity to perform the contract, should circumstances warrant such an assessment in the overall interest of the EdCIL/Prospective client.

3. Evaluation of Financial bids

The Financial bid of only those Bidders who are found technically eligible shall be opened.

- The bid open price shall be kept as secret for all the bidders and will not be disclosed in the open market till the end client's price is disclosed in the market.
- Financial bids will be inspected to ensure their conformity to the format provided in the tender document.
- If there is any discrepancy between words and figures in any part of the financial bid, the amount indicated in words will prevail.

4. Risk Purchase

- a. In case, the sub-contractor/ Supplier is not performing its obligations under the contract, the notice shall be sent as per law to the sub-contractor informing that in case of non-performance by a particular date/period, the contract shall be terminated and the work/project will be executed(through a third party) at the risk and cost of the said sub-contractor/ supplier as per the terms of the contract.
- b. On completion of the specified period/date, the notice of termination shall be issued clearly specifying that the remaining work shall be executed (through a third party) at the risk and cost of the sub-contractor/supplier. Along with this notice of termination, intimation shall be sent to the said sub-contractor/supplier for joint preparation of inventory of the works performed/ supplies already undertaken by him. If the sub-contractor/supplier fails to turn up on an appointed date for joint preparation of inventory, in that situation he shall be proceeded ex parte and the inventory shall be prepared by EdCIL/Employer and the same be sent to the sub-contractor/supplier.
- c. Demand notices may be sent to the original sub-contractor/ Supplier from time to time.

5. General Lien / Set-Off

- a. Whenever under this contract, any sum of money is recoverable from and payable by the supplier, the purchaser shall be entitled to recover such sum by appropriating in part or in whole the security deposit of the supplier, if a security is taken from the supplier. In the event of the security being insufficient or if no security has been taken from the supplier, the balance or the total sum recoverable, as the case may be, shall be deducted from any sum due to the supplier or which at anytime thereafter may become due to the supplier under this or any other contract with the purchaser. Should this sum be not sufficient to cover the full amount recoverable, the supplier, shall pay to the purchaser on demand the remaining balance due.

- b. Any some of money (including refundable security deposit) due and payable to the supplier, under this contract or any other contract entered between the parties herein whether continuing or completed may be appropriated by EdCIL and setoff against any claim of EdCIL of any nature whatsoever, arising under this contract or any other contract entered into between the parties, herein whether continuing or completed.

6. Purchasers Right To Vary Quantities

EdCIL will have the right to increase or decrease up to 25% of the value of goods and services specified in the schedule of requirements without any change in the unit price or other terms and conditions at the time of award of contract.

7. Force Majeure

Both EdCIL and supplier shall be exempted from the responsibility for any non-performance arising from a case of force majeure or act of God, hereinafter called force majeure (a) war and

(b) earthquake. If such circumstances should arise, the supplier shall inform the purchaser within 72 hours in writing of the existence of the fact before suspending work without penalty on either side from the period of such suspension not exceeding 3 months.

Likewise, it must proceed to inform the end of such fact. As soon as the facts constituting a force majeure cease in their effects, the supplier shall restart or continue the fulfilment of its obligations agreed upon. Should suspension of work as explained above exceed three months, the contract shall be violable at the option of either party without penalty on either side.

8. Arbitration

- a. Any dispute arising out of or in connection with this contract, including any question regarding its existence, validity or termination, shall be referred to and finally resolved by arbitration administered by the India International Arbitration Centre ("IIAC") in accordance with the India International Arbitration Centre (Conduct of Arbitration) Regulations ("IIAC Regulations") for the time being in force, which regulations are deemed to be incorporated by reference in this clause.
- b. The place/seat of the arbitration shall be New Delhi, India.
- c. The Tribunal shall consist of one arbitrator.
- d. The law governing the arbitration agreement shall be Indian Law.
- e. The language of the arbitration shall be English.
- f. The governing law of the Contract shall be Indian Law.
- g. Arbitration cost to be borne by the Supplier.

9. Fall Clause

- a. The prices once fixed will remain valid during the scheduled delivery period. Further, if at any time during the contract
 - i. It comes to the notice of purchaser regarding reduction of price for the same or similar equipment/ service; And/or

- ii. The prices received in a new tender for the same or similar equipment/service are less than the prices chargeable under the contract.

The purchaser, for the purpose of delivery period extension/during rate contract, if any, will determine and intimate the new price, taking into account various related aspects such as quantity, geographical location etc., and the date of its effect for the balance quantity/ service to the vendor.

In case the vendor does not accept the new price to be made applicable during the extended delivery period and the date of its effect, the purchaser shall have the right to terminate the contract without accepting any further supplies. This termination of the contract shall be at the risk and responsibility of the supplier and the purchaser reserves the right to purchase the balance unsupplied quantity/ service at the risk and cost of the defaulting vendor besides considering the forfeiture of his performance security.

- b. The vendor while applying for extension of time for delivery of equipment/services, if any, shall have to provide an undertaking as “We have not reduced the sale price, and/ or offered to sell the same or similar equipment/ service to any person/organization including Department of central/state Government or any central/state PSU at a price lower than the price chargeable under the contract for scheduled delivery period.”

In case under taking as in (b) above is not applicable, the vendor will give the details of prices, the name(s) of purchaser, quantity etc. to the purchaser, while applying extension of delivery period.

10. Offline Documents

The Bidder is requested to submit the hardcopy of the below mentioned documents in a Sealed Envelope and the proposed services in the bid to the under mentioned address before the start of Public Online Tender Opening Event.

EdCIL (India) Limited
EdCIL House, Plot No. 18A, Sector 16A,
Noida-201301 (U.P.) India

The envelope shall bear the project name, the tender number and the words ‘DO NOT OPEN BEFORE’ (due date & time).

- Original copy of the EMD Security in the format as applicable/ in the form of Demand Draft/BG or Scanned copy of NEFT or RTGS payment receipt (UTR number).
- Original copy of Bidder’s Authorization Certificate

Note: The Bidder should also upload the scanned copies of all the above-mentioned original documents during Online Bid-Submission. Documents submitted in online mode should be uploaded using DSC of person authorized as per Authorization letter /Board Resolution for signing bid documents.

11. Banning Of Non-Performing Vendor

In case any of the vendor's work/PO/agreement is cancelled/terminated by EdCIL after award, due to non-performance, the vendor may be banned/blacklisted upto 2 years or action as deemed fit may be taken by EdCIL

12. Amendment To Bid Documents

- a. At any time, prior to the date of submission of bids, EdCIL may for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the bid documents by amendments, which shall be available on e-tendering portal.
- b. In order to give required time to the prospective bidders, in which to take the amendments into action in preparing their bid, EdCIL may at its discretion extend the deadline for submission of bid suitably.

13. Bid Price

The prices quoted by the bidder shall remain firm during the entire period of the contract and shall not be subject to variation (unless asked by EdCIL). Clauses such as “at actual”, “extra”, “to be given later” etc. shall also be treated as non-responsive & are liable for rejection.

14. Modification And Withdrawal Of Bids

Bid withdrawal/modification shall not be allowed after end date and time of bid submission. Withdrawal of a bid between the deadline for submission of bids and the expiration of the period of bid validity specified in the tender or as extended, may result in the forfeiture of the bid security. Such defaulting vendor is liable to be debarred from participating in future bids for a period of upto 2 years.

15. Clarification Of Bids

During evaluation of bids, EdCIL may at its discretion ask the Bidder for clarifications/ confirmations/ deficient documents of its bid. The request for clarification and the response shall be in writing and no change in the price of substance of the bid shall be sought or permitted.

16. Manpower

- a. Whatever be the assignment, the responsibility of effective and efficient delivery of service by the staff deployed shall rest with the selected bidder. The bidder must ensure to deploy appropriate experienced resources as desired from time to time.

- b. The selected bidder shall ensure that all the Labor Law regulations of the Government are fully complied with, in matters of deployment of manpower to prospective client at Jaipur.
- c. The salary allocated to the resource should include the EPF (Employer and Employee Contribution), ESI, retirement benefit component, any other statutory payments applicable, Medical Insurance and accidental insurance etc. which should be paid/accounted for in full to the deployed resource by the selected bidder.
- d. Rules and regulations of the main tender inviting authority will prevail.

17. Termination For Default

EdCIL may, without prejudice to any other remedy for breach of contract, by written notice of default, sent to the supplier, terminate this contract in whole or in part.

- a. if the supplier fails to deliver any or all the services/goods within the time period specified in the contract, or any extension thereof granted by EdCIL.
- b. if the supplier fails to perform any other obligation(s) under the contract;
- c. if the supplier, in either of the above circumstances, does not remedy his failure within a period of 15 days (or such longer period as EdCIL may authorize in writing) after receipt of the default notice from EdCIL.
- d. Failure of the successful bidder to comply with the requirement of submission of performance security shall constitute sufficient ground for cancellation of the award of work and forfeiture of the bid security.

In the event EdCIL terminates the contract in whole or in part pursuant to above clause, EdCIL may procure, upon such terms and in such manner as it deems appropriate, goods/services similar to those undelivered and the supplier shall be liable to EdCIL for any excess cost for such similar goods/services. However, the supplier shall continue the performance of the contract to the extent not terminated.

18. Termination For Insolvency:

EdCIL may at any time terminate the contract by giving written notice to the supplier, without compensation to the supplier, if the supplier becomes bankrupt or otherwise insolvent as declared by the competent court; provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to EdCIL.

- 19.** At any time, in case it comes to the knowledge of EdCIL any of wrong information related with eligibility of the bidder or non-compliance to any terms and conditions of tender, then EdCIL reserves the right to cancel or reject the bid of such bidder, cancel

the tender or take any other action as deemed fit in accordance with tender terms and conditions.

20. EdCIL reserves the right to cancel the TENDER at any time without assigning any reason thereof.

21. Additional Clauses For Debarment:

- a. A bidder or any of its successor, shall be debarred from participating in any procurement process undertaken by EdCIL for a period not exceeding three (3) years if he has been convicted of an offence as under:
 - i. under the Prevention of Corruption Act, 1988; or
 - ii. the Indian Penal Code or any other law for the time being in force, for causing any loss of life or property or causing a threat to public health as part of execution of a public procurement contract.
- b. A bidder or any of its successor, shall be debarred from participating in any procurement process undertaken by EdCIL for a period not exceeding two (2) years if the following code of integrity as per rule 175 of GFRs 2017, is breached:
 - i. prohibition of
 - making offer, solicitation or acceptance of bribe, reward or gift or any material benefit, either directly or indirectly, in exchange for an unfair advantage in the procurement process or to otherwise influence the procurement process.
 - any omission, or misrepresentation that may mislead or attempt to mislead so that financial or other benefit may be obtained or an obligation avoided.
 - any collusion, bid rigging or anticompetitive behavior that may impair the transparency, fairness and the progress of the procurement process.
 - improper use of information provided by the procuring entity to the bidder with an intent to gain unfair advantage in the procurement process or for personal gain.
 - any financial or business transactions between the bidder and any official of the procuring entity related to tender or execution process of contract; which can affect the decision of the procuring entity directly or indirectly.
 - any coercion or any threat to impair or harm, directly or indirectly, any party or its property to influence the procurement process.

- Obstruction of any investigation or auditing of a procurement process.
 - making false declaration or providing false information for participation in a tender process or to secure a contract;
- ii. disclosure of conflict of interest.
- iii. Disclosure by the bidder of any previous transgressions made in respect of the provisions of sub-clause (i) with any entity in any country during the last three years or of being debarred by any other procuring entity.
- c. A bidder or any of its successor, shall be debarred from participating in any procurement process undertaken by EdCIL for a period not exceeding two (2) years if the following is breached:
- i. If a Bidder withdraws the proposal or increases the quoted prices after opening of the Proposal and during the period of Bid validity period or its extended period, if any.
 - ii. In case of a successful Bidder, if the Bidder fails to sign the Agreement in accordance with the terms and conditions (including timelines for execution of the Agreement) of this tender or fails to furnish the Performance Bank Guarantee in accordance with the terms and conditions (including timelines for furnishing PBG) of this tender.
 - iii. During the Bid process, if a Bidder indulges in any act as would jeopardize or unnecessarily delay the process of bid evaluation and finalization.
- d. The debarment in all cases shall be automatically extended to all its allied firms. In case of Joint ventures/Consortium is debarred all partners shall also stand debarred for a period specified in debarment order. The names of partners should be clearly specified in the debarment order.

End Of Section

Section – 4

Special Conditions of Contract

Note: In case clauses/sub-clauses have any difference mentioned in this TENDER at different places, the conditions mentioned in the client main tender shall prevail. The terms and conditions of this section shall be on back to-back basis based on end client's tender.

1. Payment Terms

- a. Payment terms are on back-to-back basis and the payment shall be released to subcontractor/vendor/supplier by EdCIL only if and when received by EdCIL from the client and subject to submission of complete documents and invoices, supporting proof documents for supply & services.
- b. Payment shall be made on satisfaction of the client and receipt of funds from client.
- c. Sub-contractor/vendor/supplier will not demand or make any claim under any law with respect to the pending payment till the time corresponding payment is received by EdCIL from the client. EdCIL shall not be responsible in any manner whatsoever for any delay in releasing the payments or withholding of payments by the client.
- d. The payment terms will be on a back-to-back basis as per the end client except advance.
- e. All payment shall be made after deduction of applicable penalties (if any) and deduction of taxes(if applicable).

2. Performance Security

- a. The successful bidder should be required to deposit Performance Bank Guarantee equivalent to 5% of contract value to EdCIL within 7 days from the date of receipt of Work Order. The Performance Bank Guarantee (PBG) should be issued by a scheduled commercial bank (as per Section-27) in favor of "EdCIL (India) Limited" to be valid for a period of 90 days beyond the date of completion of Contract period. This Performance Bank Guarantee should be retained throughout the currency of the contract and should be extended by the bidder from time to time, as required by EdCIL.
- b. PBG shall be returned to the successful bidder only after 90 days of the successful completion of the Contract. In case of any shortfall of any activity/ specification/ other terms and conditions of the contract, EdCIL reserves the right to recover damages or loss from the due the payment or by the encashment of PBG.
- c. Security deposit in this tender shall be in accordance to the security deposit vis-à-vis to the conditions mentioned in the main tender of end customer.

3. Price Basis

Shall be on a back-to-back basis based on the end client's tender. Prices shall be quoted in Indian rupees and shall be inclusive of GST. The GST/ taxes will be shown separately. TDS deduction shall be made as per the prevailing Govt. Laws /notification. The bidders are requested to quote the price for complete BOQ.

Price will not be disclosed in public till the time the ultimate bid by prospective bidder is not opened. Prices is taken for the purpose of bidding in the main client tender i.e. prospective client at Jaipur.

4. Notification Of Award

Prior to the expiration of the validity period, EdCIL will notify the successful Bidder in writing or by fax or email, that its proposal has been accepted.

5. The winner of RFP will be disclosed after EdCIL stands winner in the tender.
6. Tender has been floated as replica as per end client. EdCIL shall not bear any responsibility regarding BOM related issues.
7. This tender has been prepared vis-à-vis the tender floated by prospective client at Jaipur. Though this tender shall fulfill all the requisite terms & conditions; however in the case of any conflict the terms dictated in the main tender of prospective client at Jaipur shall prevail for all the contractual and legal purpose.
8. It is mandatory to submit OEM MAF (Manufacturer's Authorization Form) as per Section-6. **Moreover, bidder has to facilitate another MAF on the name of MNIT submitted by EdCIL.**
9. EdCIL reserves every right to cancel the bid before opening of tender without any prior intimation.
10. **Insurance:** Back-to-back. As per Client Tender.
11. **Project Deliverables, Milestones & Time Schedule:** Back-to-back. As per Client Tender.
12. **Scope of work and Timelines:** Back-to-back. As per Client Tender.
13. **Warranty:** Back-to-back. As per Client Tender.
14. **Period Of Contract:** Back-to-back. As per Client Tender.
15. **Termination:** Back-to-back. As per Client Tender.
16. **Service Levels and Penalty Terms:** Back-to-back. As per Client Tender.
17. **Extension in Delivery Period and Liquidated Damages:** Back-to-back. As per Client Tender.

- 18.** General Rules and Direction: Back-to-back. As per Client Tender.
- 19.** General Conditions to the Contract: Back-to-back. As per Client Tender.
- 20.** In case of any discrepancy between this RFP floated by EdCIL and the ultimate client RFP; client RFP shall prevail in aspect of every term and condition.

End Of Section

Section-5**Scope of Work & Technical Specifications**

The detailed scope can be referred from the client tender document which is an integral part of this TENDER and shall be on back-to-back basis with scope as in client's Tender. The Client Tender is attached with TENDER.

Further Corrigendum in Client Tender, if any, may be downloaded from e tenderwizard.

1. Bidders may have to give a demonstration of the proposed IT Solution. Bidder may have to submit Proof of Concept/ System Design Document as per the client need.
2. The bidder has to quote for complete BOQ.
3. Bidders should provide technical literature, brochures, methodology and project implementation timeline for the Complete Solution along with all the other requisite documents as per End Client's tender in their bid.
4. Bidder has to submit OEM Authorization (MAF) as per End Client Tender in the name of EdCIL along with their technical bid.
5. Bidder has to submit technical compliance and datasheets from OEM of all the specifications for all the items.
6. Bidder should submit unconditional acceptance of NIT conditions of EdCIL TENDER as well as end client tender
7. Bidder should submit dully signed copies of minutes of meeting and other corrigendum (if any) of EdCIL TENDER as well as end client tender
8. Bidder has to submit all the documents required and stated in the End Client Tender and EdCIL TENDER.
9. Bidders who do not submit all the documents which are required as per End Client tender and EdCIL TENDER shall be liable for rejection.

End Of Section

Section-6

Manufacturer's Authorization Form (MAF)

{ to be filled by OEM }

To,
Chief General Manager (DES)
EdCIL (India) Limited (EdCIL)
EdCIL House, 18 A, Sector-16 A, NOIDA – 201301 (U.P.)
NIT No. _____ Dated _____

Sub: OEM Authorization Letter for Design, Supply, Installation, Testing and Commissioning for Comprehensive Upgradation of Wired and Wireless Campus LAN.

Dear Sir,

We [.....], who are official manufacturers of [.....], having factories at [.....], do hereby authorize [.....] to submit a bid the purpose of which is to provide the following Goods, manufactured by us [].

As principals, we commit ourselves to extend our full support for warranty obligations, as applicable as per the Tender Document, for the Goods and incidental Works/ Services offered for supply by the above firm against this Tender Document.

We are committed to communicating important milestones throughout the EOL period, including the initial EOL notification, the LOD for a product, End of Support (“EOS”) milestone dates, as well as other key information found in(OEM) EOL Policy at.....

(Name)

Seal

Note: MAF on the bidders and back to back for EdCIL as EdCIL is the true front bidder for the ultimate tender of prospective client at Jaipur. This letter of authority should be on the letterhead of the OEM and should be signed by a person competent and having the power of attorney to bind the manufacturer.

End Of Section

Section-7

Undertaking Of Non-Blacklisting

This is to confirm that we M/s_____ (give full address) have not been declared neither failed to perform on any Agreement, nor have been expelled from any project or Agreement nor any Agreement terminated for breach by the us (Agency) in any of the government department and public sector undertaking /enterprise or by any other Client in India, in last five year before release of advertisement.

If the above information found false at any stage after the placement of Work Order / Agreement, EdCIL (India) Limited (EdCIL), 18-A, Sector 16-A, Noida will have full right to cancel the Contact and forfeit the Performance Guarantee. All the direct and indirect cost related to the cancellation of the order will be borne by us besides any legal action by EdCIL which shall be deemed fit at that point of time.

Authorized Signatory

Note: The undertaking regarding the non-blacklisting of firm is to be submitted on a non-judicial stamp paper of Rs. 100/- (Rupees Hundred only).

End Of Section

Section-8

Certificate of Conformity/ No Deviation

{ To be filled by the bidder }

To,
Chief General Manager (DES)
EdCIL (India) Limited (EdCIL)
EdCIL House, 18 A, Sector-16 A, NOIDA – 201301 (U.P.)
NIT No. _____ Dated _____

CERTIFICATE

This is to certify that, the specifications of Hardware & Software which I/ We have mentioned in the technical bid, and which I/ We shall supply if I/ We am/ are awarded with the work, are in conformity with the minimum specifications of the Tender/ bidding document and that there are no deviations of any kind from the requirement specifications.

Also, I/ we have thoroughly read the tender/ bidding document and by signing this certificate, we hereby submit our token of acceptance to all the tender terms & conditions without any deviations. I/We also certify that the price I/ we have quoted is inclusive of all the cost factors involved in the end-to-end implementation and execution of the project, to meet the desired Standards set out in the Tender/ bidding Document.

Thanking You,

Name of the Bidder:

Authorized Signatory:

Seal of the Organization:

Date: _____

Place: _____

End Of Section

Section-9

Bidder's Authorization Certificate

{to be filled by the bidder}

To,
The Chief General Manager (DES)
EdCIL (India) Limited, 18 A, Sector-16A,
Noida-201301 Uttar Pradesh

I/ We {Name/ Designation} hereby declare/ certify that {Name/ Designation} is hereby authorized to sign relevant documents on behalf of the company/ firm in dealing with reference No. _____ dated _____. He/ She is also authorized to attend meetings & submit technical & commercial information/ clarifications as may be required by you in the course of processing the Bid. For the purpose of validation, his/ her verified signatures are as under.

Thanking you,

Name of the Bidder: -

Verified Signature:

Authorized Signatory: -

Seal of the Organization: -

Date:

Place

End Of Section

Section-10

Declaration by the Bidder

{ to signed by selected bidder }

I/ We declare that I am/we are Bonafede/ Manufacturers/ Whole Sellers/ Sole distributor/ Authorised dealer/ dealers/ sole selling/ Marketing agent/System Integrator in the goods/ stores/ equipment for which I/ We have quoted.

If this declaration is found to be incorrect then without prejudice to any other action that may be taken, my/ our EMD/SD/BG may be forfeited in full and the bid, if any, to the extent accepted may be cancelled.

Name of the Bidder: -

Authorized Signatory: -

Seal of the Organization: -

Date: _____

Place: _____

End Of Section

Section-11

Undertaking On Authenticity Of Equipments

{To be filled by the bidder (On Rs. 100/- Non-judicial stamp paper)}

To.

Chief General Manager (DES)
EdCIL (India) Limited (EdCIL)
EdCIL House, 18 A, Sector-16 A,
NOIDA – 201301 (U.P.)

Reference: Dated:

This has reference to the items being supplied/ quoted to you vide our ref. no. _____dated_____.

We hereby undertake that all the components/ parts/ assembly/ software used in the equipment shall be genuine, original, and new components /parts/ assembly/ software from respective OEMs of the products and that no refurbished/ duplicate/ second hand components/ parts/ assembly/ software are being used or shall be used. In respect of licensed certificate system, we undertake that the same shall be supplied along with the authorized license operating system with our name/logo. Also, that it shall be sourced from the authorized source for use in India.

In case, we are found not complying with above at the time of delivery or during installation, for the equipment already billed, we agree to take back the equipment already supplied at our cost and return any amount paid to us by you in this regard and that you will have the right to forfeit our EMD/ SD for this bid or debar/ black list or take suitable action against us.

Note: Undertaking on Authenticity of Equipments will be on back to back basis for EdCIL as EdCIL is the true front bidder for the ultimate tender of prospective client at Jaipur.

Authorized Signatory

Name:

Designation:

Note: Undertaking on back to back for EdCIL as EdCIL is the true front bidder for the ultimate tender of prospective client at Jaipur.

End Of Section

Section-12

Financial Bid Submission Sheet

To,
Chief General Manager (DES)
EdCIL (India) Limited (EdCIL)
EdCIL House, 18 A, Sector-16 A,
NOIDA – 201301 (U.P.)

Reference: No. _____ Dated: _____

Dear Sir,

We, the undersigned bidder, having read & examined in detail, the Bidding Document, the receipt of which is hereby duly acknowledged, I/ we, the undersigned, offer to supply/ work as mentioned in the Scope of the work, Bill of Material, Technical specifications, Service Level Standards & in conformity with the said bidding document for the same.

I/ We undertake that the prices are in conformity with the specifications prescribed. The quote/ price are inclusive of all cost likely to be incurred for executing this work. The prices are inclusive of all type of govt. taxes/ duties as mentioned in the financial bid (BoQ).

I/We undertake, is our bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the schedule of Requirements.

I/We hereby declare that in case the contract is awarded to us, we shall submit the contract performance guarantee as prescribed in the bidding document.

I/We agree to abide by this bid for a period of days after the last date fixed for bid submission and it shall remain binding upon us and may be accepted at any time before the expiry of that period.

Until a formal contract is prepared and executed, this bid, together with your written acceptance thereof and your notification of award shall constitute a binding Contract between us.

I/We hereby declare that our bid is made in good faith, without collusion or fraud and the information contained in the bid is true and correct to the best of our knowledge and belief.

We understand that you are not bound to accept the lowest or any bid you may receive.

Date:

Authorized Signatory:

Name:

Designation:

End Of Section

Section-13

Price Bid

Name of Work: “Design, Supply, Installation, Testing and Commissioning for Comprehensive Upgradation of Video Conferencing Infrastructure

NIT No:_____Dated: _____

Bidder Name:

Price Schedule

S/N	Name	Quantity	Unit Cost (in ₹.) (b)	Taxes (in ₹.) (c)	Total Cost (in ₹.) (d= b+ c)	Total Amount (in ₹.) (e = a x d)
1	CAT (A)- Items to be supply and installation					
1.01	Ceiling Speakers (AUDIO SYSTEM)	8.00				
1.02	Amplifier for Ceiling Speakers (AUDIO SYSTEM)	1.00				
1.03	3x2 Video Endpoint/DSP (AUDIO SYSTEM)	2.00				
1.04	Gooseneck Microphone for podium (AUDIO SYSTEM)	2.00				
1.05	Wireless Handheld Microphone Set (AUDIO SYSTEM)	4.00				
1.06	Wireless lapel Microphone Set (AUDIO SYSTEM)	2.00				
1.07	Network PoE + Ceiling Speaker (AUDIO SYSTEM)	20.00				
1.08	Digital Signal Processor (AUDIO SYSTEM)	2.00				
1.09	Ceiling Tile Microphone (AUDIO SYSTEM)	8.00				

1.1	Left & Right Speakers (AUDIO SYSTEM)	2.00				
1.11	Center Speaker (AUDIO SYSTEM)	1.00				
1.12	Sub-Woofer (AUDIO SYSTEM)	1.00				
1.13	Digital Mixer (AUDIO SYSTEM)	1.00				
1.14	Mount for Ceiling Tile Microphone (AUDIO SYSTEM)	8.00				
1.15	Projector (DISPLAY & PROJECTION SYSTEM)	2.00				
1.16	Interactive Display 86 Inches (DISPLAY & PROJECTION)	2.00				
1.17	Projection System (DISPLAY & PROJECTION SYSTEM)	2.00				
1.18	Projection Screen (DISPLAY & PROJECTION SYSTEM)	2.00				
1.19	Interactive Display 75 Inches (DISPLAY & PROJECTION)	2.00				
1.2	Wooden podium (VIDEO, SWITCHING & INTERFACE SYSTEM)	1.00				
1.21	HDMI Extender (VIDEO, SWITCHING & INTERFACE SYSTEM)	2.00				
1.22	Rack with PDU & Temperature Humidity Sensor (VIDEO, SWITCHING & INTERFACE SYSTEM)	2.00				

1.23	HDMI Video Endpoint (VIDEO, SWITCHING & INTERFACE)	2.00				
1.24	Interactive Podium (VIDEO, SWITCHING & INTERFACE SYSTEM)	1.00				
1.25	HDMI-HDBT Tx-Rx Kit (VIDEO, SWITCHING & INTERFACE)	2.00				
1.26	4K Video Conference Camera for Presenter (VIDEO CONFERENCE)	5.00				
1.27	Touch Panel (CONTROL SYSTEM)	2.00				
1.28	Control System (CONTROL SYSTEM)	4.00				
1.29	Touch Controller (CONTROL SYSTEM)	2.00				
1.3	Network Switch (CONTROL SYSTEM)	4.00				
1.31	HDMI Cables 10 feet (CABLE, CONNECTORS, ACCESSORIES)	8.00				
1.32	HDMI Cables 6 feet (CABLE, CONNECTORS, ACCESSORIES)	18.00				
1.33	Microphone Cable (CABLE, CONNECTORS, ACCESSORIES)	510.00				
1.34	CAT6 Cables (CABLE, CONNECTORS, ACCESSORIES)	860.00				
1.35	Speaker Cable (CABLE,	150.00				

	CONNECTORS, ACCESSORIES)					
1.36	USB-A-B Cables (CABLE, CONNECTORS, ACCESSORIES)	6.00				
2	CAT (B)- Buy Back Items					
2.01	Panasonic LED Laser Hybrid Projector RZ 370 EAS1FHD 3500 Lumens WUXGA Colour DLP Projector	2.00				
2.02	Lumens Ceiling Camera CL 510	3.00				
2.03	VC Endpoint Avaya XT5000 codec with Camera	4.00				
2.04	Additional VC Camera Avaya	6.00				
2.05	Standalone MCU Avaya Scopia Elite 6140	1.00				
2.06	Firewall Traversal Device Avaya	1.00				
2.07	VC Camera Switch Avaya	3.00				
2.08	Panasonic Model TH-65 LFB70W Color LCD video Monitor w / o Tuner	8.00				
2.09	Panasonic LED 42 inch smart commercial panel PT TH 42ESDM	6.00				
2.1	Panasonic Ultra short throw Projector Pt- CW330	1.00				
2.11	Screen Grand view motorized 123"	3.00				
2.12	Network Audio DSP Extron DMP 128CP	3.00				
2.13	Control Panel Extron IPCP Pro 550	3.00				

2.14	Touch Panel Extron TLP Pro 1020 T	3.00				
2.15	Four port Power Control Extron IPLTPCS4i	3.00				
2.16	Matrix Switcher Extron DXP88 HDMI with key minder	3.00				
2.17	Creative RGB HDMI 300 A scaler	3.00				
2.18	Wireless Microphone handheld	3.00				
2.19	Wireless Microphone lavalier	3.00				
2.2	Gooseneck microphone AKG	3.00				
2.21	Ceiling Microphone AKG	15.00				
2.22	Shielded indoor professional speaker	10.00				
2.23	Dual channel amplifier crown xls 1000	3.00				
2.24	Professional Audio mixer soundcraft	3.00				
2.25	Server HP proliant	1.00				
2.26	VGA switcher 1x4	3.00				
2.27	VGA splitter 1x4	3.00				
2.28	HDMI splitter 1x8	3.00				
2.29	Long Distance HDMI twisted pair extender Tx	5.00				
2.3	Long Distance HDMI twisted pair extender Rx	5.00				
2.31	Power supply for control system	3.00				
2.32	Ceiling Microphone AKG	6.00				
2.33	Shielded indoor professional speaker	8.00				
2.34	Wireless mic	4.00				
2.35	VC codec Tandberg mxp 6000	1.00				
2.36	VC codec Tandberg mxp 1700	1.00				

2.37	HD Projector sharp XG 2445W	1.00				
2.38	Lumens PS 660, Document Camera	1.00				
2.39	Interactive touch panel Hitachi	1.00				
2.4	Biamp nexia audio mixer	1.00				
2.41	Ceiling mic bosch	6.00				
2.42	Amplifier Biamp	1.00				
2.43	Crestron controller touch panel	1.00				
2.44	VGA distributor amplifier	1.00				
2.45	VGA matrix switcher	1.00				
2.46	DVIIHDMI matrix switcher Kramer	1.00				
2.47	DVIIHDMI extender Kramer	1.00				
2.48	5KVA online ups with battery	1.00				
2.49	LCD TV 55 inch	3.00				
		Total Cost Including GST for 5 years [A]				
		Manpower cost including GST for period of 5 years [B]				
		Grand Total [A]+[B]				

Note: -

- All the above prices would be in INR only with applicable item wise GST.
- All active components must have a 5-year warranty and support.
- All passive components must have a 20 years warranty.
- The above price would include Compressive OEM Warranty Support as per scope of work.
- The bidder has to compulsorily quote for all items mentioned in the Commercial- bid Tables. In case bidder fails to quote for any of this stage, the bid would be summarily rejected.
- No Component of Financial bid should have “ZERO” value.
- Above is indicative, however the quantity may increase or decrease at the time of placing the purchase order as per actual.
- The Tax rates will be mentioned as per standards.
- If manpower cost is non-exclusive of any statutory stipulation it will be treated as non-responsive bid.

End Of Section

Section-14

Bank Guarantee towards Bid Security (EMD)

Bank Guarantee No. _____

To,
Chief General Manager (DES)
EdCIL (India) Limited
EdCIL House, 18 A,
Sector-16 A NOIDA – 201301 (U.P.), India

Whereas (here in after called "the Bidder") has submitted its Bid dated(Date) in response to the RFP No for “ Name of the Tender” (here in after called "the Bid")

KNOW ALL MEN by these presents that Wehaving our registered office at. (hereinafter called the "Bank") are bound onto EdCIL India Limited, Noida (hereinafter called "EdCIL") in the sum of for which payment well and truly to be made to the said EdCIL itself, its successors and assignees by these presents.

The conditions of these obligations are:

1. If the Bidder withdraws its Bid during the period of Bid validity or
2. If the Bidder, having been notified of the acceptance of its Bid by EdCIL

during the period of Bid validity:

1. fails or refuses to execute the Agreement form if required; or
2. fails or refuses to furnish the performance security, in accordance with the Bid requirement

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

This guarantee will remain in force up to (Date) and any demand in respect thereof should reach the Bank not later than the above date.

Dated: the Day of for
(indicate the name of bank)

Signature of Banks Authorized official

Witness (Name)_____

Designation with Code No. -----

Full Address-----

End Of Section

Section-15

Service Level Agreement (SLA)

Service Level	Description- one or more of the following	Priority of the bidder/SI
Critical (May be called Severity-1)	Complete loss of a core organizational or business process where work cannot reasonably continue. Catastrophic impact on business. Workflow cannot move forward until the issue is resolved. The issue may be caused by a critical failure that causes data failure or precludes the use of the function of the product. e.g., the Whole network is down due to a failure.	The bidder/SI's priority should be service restoration and not debugging the problem.
Major (May be called Severity-2)	High impact on organizational or business processes. Operation of an existing network is severely degraded, or significant aspects of a customer's business operation are negatively impacted by inadequate performance of the products. Inability to deploy a key feature or function. Network/Internet usage is affected but can continue for a reasonable amount of time before the problem becomes catastrophic. e.g., the network in a department/ building/ block network is down	The bidder/SI's priority should be to restore/ improve the service, not debug the problem.
Minor (May be called Severity-3)	Minimal organizational or business impact. Anything which is not out of service or Major is classified as Minor. e.g., at least one user/one Lab is affected due to network down, etc.	The bidder/SI's priority should be to restore/ improve the service, not to debug the problem.

a. Escalations and Notifications:

The bidder/SI ensures that all the stakeholders are notified in a timely manner on the status of the event/ ticket. The bidder/SI's IT-based Services Desk system notifies users during the following events:

- Logging of tickets with the ticket number.
- Status change of ticket.
- Support/ Resident engineers-initiated notifications.

- b.** In order to ensure that issues are resolved within SLA, contractors will have to use defined escalation mechanisms. The bidder/SI must provide escalation names and contact numbers.

- c. Below is the standard Functional Escalation process followed for different severity calls:

Severity of Call	Type of Call(Call logging)	First Escalation (Tier-II)	Second Escalation (Tier-III)
Severity-1: Critical	incident	6th Hour	12th Hour
Severity-2: Major	incident	12th Hour	24th Hour
Severity-3: Minor	incident	24th Hour	48th Hour

- d. The bidder/SI shall ensure that the escalation process is implemented in his/her IT-based Service Desk system, provide escalation contact numbers, and update the status to prospective client at Jaipur at every escalation.
- e. Penalty for a branch of SLA:

S. No.	Incident/Fault Resolution - SLA	Time Allotted	Penalty
1	Call/Ticket/Incident Resolution for Critical, Severity- 1 incident	<6 Hrs.	0%
		>6 Hrs. and <12 Hrs.	0.5 % of Performance bank guarantee each time
		>12 Hrs. and <24 Hrs.	1.0 % of Performance bank guarantee each time
		>24 Hrs. and <48 Hrs.	2.0 % of Performance bank guarantee each time
		>48 Hrs.	2.0 % of Performance bank guarantee each time +1 % for each day beyond 48 Hrs.
2	Call/Ticket/Incident Resolution for Critical, Severity- 2 incident	<12 Hrs.	0%
		>12 Hrs. and <24 Hrs.	0.5 % of Performance bank guarantee each time
		>24 Hrs. and <48 Hrs.	1.0 % of Performance bank guarantee each time
		>48 Hrs.	1.0 % of Performance bank guarantee of each time +0.5 % for each day beyond 48 Hrs.

3	Call/Ticket/Incident Resolution for Critical, Severity- 3 incident	<24 Hrs.	0%
		>24 Hrs. and <48 Hrs.	0.1 % of Performance bank guarantee each time
		>48 Hrs. and <72 Hrs.	0.2 % of Performance bank guarantee each time
		>72 Hrs.	0.5 % of Performance bank guarantee each time.

The Maximum penalty at a time is capped at 10% of the total performance bank guarantee value.

f. SLA Review Process and disputes resolution:

Prospective client at Jaipur or the selected Bidder may raise an issue by documenting the business or technical problem, presenting a reasonably objective summary of both points of view, and identifying specific points of disagreement with possible solutions.

A meeting or conference call will be conducted to resolve the issue in a timely manner. The documented issues will be distributed to the participants at least 24 hours prior to the discussion if the issue is not an emergency requiring immediate attention.

Prospective client at Jaipur and the selected Bidder shall develop an interim solution if required and, subsequently, the permanent solution for the problem at hand. The selected Bidder will then communicate the resolution to all interested parties.

In case the issue is still unresolved, the decision of Prospective client at Jaipur or its representatives shall be final, and the successful bidder shall be bound to follow the directions. The bidder/SI must provide printed technical catalogs/ brochures/ technical datasheets containing technical specifications and features for the quoted models.

All services registered by the bidder/SI with the OEM must use email addresses for registration.

g. Resident engineer: -

- i. The bidder/SI will provide a resident engineer for a period of five years or a contractual period.
- ii. The working shift of the resident engineer will be at least 9 hours per day, six days a week.
- iii. The resident engineer must have minimum technical qualifications such as a Degree/ Diploma in a relevant Engineering discipline and at least two years of experience handling a network of more than 1000 nodes with similar OEM equipment.
- iv. The cost of the resident engineer is to be included in the tender cost only. Prospective client at Jaipur will not be responsible for the salary of the resident engineer.

The bidder/ SI must provide an alternate in case the resident engineer is on leave/absence.

Section-16

Warranty Terms and Conditions

The warranty should satisfy the below-mentioned conditions.

- All active components must have at least a 5-year warranty and support.
- All the proposed active components should have at least five years of support bundled with 24x7x365 days TAC support, Return Merchant Authorization (RMA), software updates, and subscription update support.
- OEM should not have announced the “End of Sale” and “End of Life” for all the proposed active components when bidding.
- All passive components must have at least a 20-year warranty.
- All the active components should be in the Next Business Day (NBD) replacement/ repair warranty.
- Cover any defects in materials used to manufacture your product.
- Cover any defects in workmanship.
- Cover any broken components.
- The company will repair/ replace the defective product at no cost if the product is still under warranty.
- The company will repair/ replace any broken product parts using new or replacement parts.
- The product will be exchanged for a new product
- The price of the product will be refunded
- Conditions during the process. This can include things like:
 - The product would be returned in the advance replacement package packaging.
 - If an RMA is required, it should be generated by the Resident Engineer.
 - Any additional charges, i.e., shipping, handling, etc., will be borne by the OEM/SI only.
 - Any active storage components (SSD/ HDD) will not be returned due to privacy issues.

Section-17

Acceptance Protocol

The completion certificate shall be signed after the below mentioned checks are completed.

1. Objectives
 - Define the goals of the LAN implementation, WiFi system installation, etc.
 - Identify key performance indicators (KPIs) for network performance.
2. Documentation Review
 - Ensure all network design documents, specifications, and configurations are complete and accurate.
 - Review network diagrams and device placements.
3. Testing Procedures
 - **Connectivity Tests:**
 - Check connections between devices (switches, routers, PCs).
 - Ensure all devices can communicate on the network.
 - **Performance Tests:**
 - Measure bandwidth and latency under different load conditions.
 - Test network throughput and response times.
 - **Reliability Tests:**
 - Simulate failure scenarios (e.g., device or link failure) and check failover processes.
 - **Security Tests:**
 - Conduct vulnerability scans.
 - Verify firewall settings and access controls.
4. User Acceptance Testing (UAT)
 - Engage end-users to validate the network's functionality.
 - Gather feedback on usability and performance.
5. Compliance Checks
 - Ensure compliance with relevant standards and regulations.
 - Verify that all software and hardware meet vendor specifications.
6. Training and Support
 - Provide training for staff on network usage and troubleshooting.
 - Establish a support plan for ongoing issues and maintenance.
7. Sign-off Procedure
 - Create a formal sign-off document for stakeholders to approve the network.
 - Include criteria for what constitutes successful implementation.
8. Post-Implementation Review
 - Schedule a review meeting to discuss the implementation process and any issues encountered.
 - Document lessons learned for future projects.
9. Monitoring and Maintenance Plan
 - Set up ongoing monitoring for performance and security.
 - Develop a maintenance schedule for hardware and software updates.

Section -18

PPP MII Certificate by Bidder

It is certified that we have complied with/will comply with PPP MII's latest policies of the Government of India, declared through various OMs/orders from DP-IIT, Ministries (Electronics, Telecom, Petroleum, Finance etc.) and GeM³.

Signatures
(Bidder)

Designation & Seal

Contact including email/phone-

Purchase Preference: It is mandatory for all the bidders to comply with PPP and Make In India (MII) provisions, applicable as on date. (As per <https://www.meity.gov.in/esdm/ppo>) Government has issued Public Procurement (Preference to Make in India) [PPP-MII] Order 2017 vide the Department for Promotion of Industry and Internal Trade (DPIIT) Order No.P-45021/2/2017-B.E.-II dated 15.06.2017 and subsequent revisions vide Order No. 45021/2/2017-PP(BE-II) dated 28.05.2018, 29.05.2019, 04.06.2020, 16.09.2020 and **other latest ones till date** to encourage 'Make in India' and to promote manufacturing and production of goods, services and works in India with a view to enhancing income and employment. The relevant orders from other Ministries **till date** i.e. Electronics & IT, DoT etc. should also be considered. This Order is issued pursuant to Rule 153 (iii) of the General Financial Rules 2017. The salient features of the aforesaid Orders are as follows.

- a) The Order is applicable for procurement by the Ministry / Department / attached / subordinate office of, or autonomous body controlled by, the Government of India and includes Government companies as defined in the Companies Act.
- b) In the procurement of all goods, services, or works in respect of which the Nodal Ministry/ Department has communicated that there is sufficient local capacity and local competition, only 'Class-I local supplier', as defined under the Order, shall be eligible to bid irrespective of purchase value.
- c) The margin of purchase preference shall be 20%. 'margin of purchase preference' means the maximum extent to which the price quoted by a local supplier may be above the L1 for the purpose of purchase preference.
- d) Ministry of Electronics and Information Technology is the Nodal Ministry for implementation of the Electronic Product Notifications issued in furtherance of PPP-MII Order 2017.
- e) Classes of Local Suppliers based on local content as per the revised PPP-MII Order dated 19.07.2024 issued by the Department for Promotion of Industry and Internal Trade (DPIIT) are as under
- f) Class-I Local supplier - a supplier or service provider, whose goods, services or works offered for procurement, has local content equal to or more than 50%.
- g) Class-II Local supplier - a supplier or service provider, whose goods, services, or works offered for procurement, have local content of more than 20% but less than 50%.
- h) Non-Local supplier - a supplier or service provider, whose goods, services, or works offered for procurement, has local content less than or equal to 20%.

- i) Only 'Class-I local supplier' and 'Class-II local supplier' shall be eligible to bid in the procurement of all goods, services, or works, and with an estimated value of purchases less than Rs. 200 crores.
- j) Various select OMs relevant to PPP-MII are as follows.
- All such relevant OMs/notices issued till date by DP-IIT (Sep-2020, Mar-2021, Dec-2022, May-2023, Apr-2024, July-2024),
 - Dept of Telecom (Aug-2018, gazette notification 21-Oct-2024),
 - Ministry of Electronics & IT (Sept-2017, 7-Sep-2020 gazette notification, Mar-2021, Mar- 2022, Aug-2022),
 - All other OMs/notifications till date should be considered.

³ Please see para 5.(j) of Section II, of this bid-document:

Various OMs till date but not limited to-

OMs- All such relevant OMs/notices issued till date by DP-IIT (Sep-2020, Mar-2021, Dec-2022, May-2023, Apr-2024, July-2024), Dept of Telecom (Aug-2018, gazette notification 21-Oct-2024), Ministry of Electronics & IT (Sept-2017, Mar-2021, Mar-2022, Aug-2022), Ministry of PNG (Apr-2022);

And also refer to GeM document-

https://fulfilment.gem.gov.in/contract/slafds?fileDownloadPath=SLA_UPLOAD_PATH/2024/Jan/GEM_2024_B_4429570/CLM0014/MII_e21c80a6-49d0-4e48-956e1704438778496_buycon3.ongc.delhi.pdf

Section -19

DECLARATION OF LOCAL CONTENT

[For Local Content of Products, Services or Works]

(To be given on Company Letter Head – For a tender value below Rs.10 Crores)

(To be given by Statutory Auditor/Cost Auditor/Cost Accountant/CA for tender value above Rs.10 Crores)

**To,
The Registrar**

Subject: Declaration of Local Content

Tender reference No.

- Country of Origin of Goods being offered:
- With reference to Order No. P- 45021/2/2017-PP(BE-II) dated 16-09-2020 read with OM No. P- 45021//102/2019-BE-II-Part(1) (E-50310) Dt. 04.03.2021 of DPIIT, Ministry of Commerce and Industry, Govt. of India, and OMs from other relevant ministries², Govt. of India, we fall under the following category of supplier (please tick the correct category) for the items for which this tender has been floated and being bided.
 - Class I local supplier – has local content equal to more than 50%. Local contents added at.....(name of location).
 - Class II local supplier – has local content of more than or equal to 20% but less than 50%. Local content added at.....(name of location).
 - Non-local supplier – has local content less than 20%. Local contents added at.....(name of location).
- Details of value addition in India:

	Particulars	Content (In %)
(a)	Addition of indigenous items (manufactured in India) inclusive of taxes	
(b)	Addition of Locally sourced imported items inclusive of taxes	
(c)	License/Royalty paid/Technical expertise etc.	

- Certificate from OEM for Country of Origin has been attached (mandatory if bidder is reseller) (Strike down if not applicable).
- We are solely responsible for the above mentioned declaration in respect of category of supplier. False declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which we may be debarred for up to 2 years as per Rule 151(iii) of the General Financial Rules along with such other actions as may be permissible under law.

Signature of OEM/Supplier/~~Bidder~~/ Agent Name:.....

Designation:

Organization Name:

Contact No. :

Seal of the Firm

Section -20

Detailed BOM

Technical Compliance Sheet						
Upgrade of Rooms NKN-G & NKN-2						
S. No	Name Of Item	Detailed Specifications	Compliance(Y/N)	PART/Model No.	Support/Doc Pg. No.	Deviation /Remarks
1.	Network PoE+ Ceiling Speaker	<ul style="list-style-type: none"> ➤ Supply, Installation, Testing & Commissioning of Low Profile Network PoE/PoE+ ceiling-mount loudspeaker ➤ Transducer- 4-inch full range or better ➤ Frequency Range - 110Hz - 20kHz or better ➤ Rated noise power - 12 W (PoE), 24 W (PoE+) or better ➤ Coverage - 120° or better ➤ Max Peak SPL - 111dB or better ➤ Enclosure - ABS baffle on powder steel low profile back can or similar Ingress protection - IP34 or better UL/IEC 62368-1,UL 2043 rated or better.				
2	Digital Signal Processor	<ul style="list-style-type: none"> ➤ Supply, Installation, Testing & Commissioning of Software or Hardware based Digital Signal Processor for Network based audio processing ➤ Inputs - 2 Mic/Line balanced with 48v Phantom Power or better Outputs - 2 Line or better ➤ Network Audio Protocols and Channels supported - Dante/AES67 Network audio support for 16x16 channels or better and option to increase upto 32x32 ➤ AEC Channels - 8 configurable and routable AEC channels @200ms tail length or better ➤ Should support Voice Lift and Audio based camera tracking functionality Note: Required components should be added to fulfill the requirement and functionality.				

3	Ceiling Tile Microphone for Students	<ul style="list-style-type: none"> ➤ Supply, Installation, Testing and Commissioning of Ceiling microphone with dynamic Beamforming technology. ➤ The beam will automatically detect the position of the person speaking and will follow the person around the room at all times. ➤ It should have 2 x Dante digital audio (Redundancy) and Ethernet for Control and PoE connectivity ports. ➤ The coverage of the ceiling microphone should be min 800 square feet or more. ➤ It should have a true voice lift feature to increase audio intelligibility above the ambient noise floor. ➤ It can be controlled through software that can control and monitor the microphone in any network. ➤ It should have min 95 dB SPL, 6.3ms latency or less, and a minimum 75dBA or higher dynamic range. ➤ High-precision audio settings for maximum control, setting to exclude and prioritize the areas of the room. <p>It should certified from Microsoft Teams and Zoom Video conferencing applications.</p>				
4	Tile Microphone for Presenter	<ul style="list-style-type: none"> ➤ Supply, installation, testing & commissioning of Beam forming ceiling microphone tile with built in 15 or more microphone, lighting indications: yes, Dante: connectivity, PoE connectivity, built in capability to voice lift (local discussion), capability to upto 40 m²area, analog output and complete as required. The microphone array shall have a Dante™ interface with 1 x RJ-45 Ethernet Port for PoE power supply and data/control communication, same in Digital Dante Network Audio (RJ-45) supporting both redundant and daisy-chain modes. 				
5	Mount for Ceiling Tile Microphone	<ul style="list-style-type: none"> ➤ Supply, Installation, Testing & Commissioning of Ceiling Surface mounting bracket to install ceiling tile microphone on close ceiling . 				

2.1	Projection System	<ul style="list-style-type: none"> ➤ Integration, Testing and Comissioning of projection system,technology 3LCD,Long Throw Ceilling Mount,Front & Rear ,Min 1920 X 1200, WUXGA, ➤ 5200 ANSI Lumens for Color light output ➤ 5200 ANSI Lumens for White light output ➤ 2500000:1 ➤ Aspect ratio 16:9 ➤ Laser ➤ 20000 Hrs. Normal mode ➤ 30000 hrs Echo Mode , ➤ 2 x VGA, 2 x HDMI, 2 x USB, HD base T, RJ45, Audio out, Audio In, Wi-Fi with 123 Inch Fix Matt Screen 				
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2.2	Interactive Display	<ul style="list-style-type: none"> ➤ Integration, Testing and Commissioning Interactive Panel: Size - 75" ➤ Altitude ≤5000M ➤ Type Technology - Backlit D-LED (IPS Panel) ➤ Brightness - 350 cd/m² ➤ Contrast Ratio 5000:1 ➤ Native Resolution 4K Ultra-HD (3840 x 2160) ➤ Viewing Angle (H/V) 178°/178° ➤ Aspect Ratio 16:9 ➤ Refresh Rate (Hz) 60 Hz ➤ Estimated Life Time 50,000 Hours (Typical) ➤ Display Color (BIT) 1.07 Billion (10-bit) ➤ Installation Orientation – Landscape ➤ Response Time - 8 ms ➤ Anti-Glare - Anti Glare Coating ➤ Bonding - Zero Optical Bonding ➤ Technology - Infrared Touch ➤ Annotation – Supported ➤ Touch - 20 Points ➤ Passive Pen - ±1mm ➤ Touch - ±1mm ➤ Touch Resolution - 32,768 x 32,768 ➤ Surface Protection - 4mm Thick Toughened Glass (Level 7H on Mohs scale of Mineral Hardness) ➤ Touch Tools - Finger, Stylus, Glove, Opaque Objects , Simultaneous Writing, Pen, Touch, Erase – Yes ➤ Writing Stylus/Pen Location - Magnetic Mounting on IFPD Panel Front 				
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		<ul style="list-style-type: none"> ➤ System Version -Andriod™v11.0 ➤ Browser – Yes ➤ Office - Yes , CPU Quad-core ➤ Internal Storage - 32 GB , RAM - 4GB ➤ Inputs Side Panel - 1 x Mini AV(3.5 mm mini jack, 2 x HDMI 2.0(60 Hz/4K) ➤ Inputs Front Panel - 1 x HDMI 2.0(60 Hz/4K) ➤ Outputs Side Panel - 1 x COAX(Multi Channel Audio), 1 x Mini AV(3.5 mm mini jack), 1 x Earphone Out (Stereo Audio) ➤ USB Side Panel - 1 x USB-B(Touch), 1 x USB-A 2.0, 1 X USB-A 3.0 , USB Front Panel - 3 x USB-A 3.0, 1 x USB-B 3.0, 1 x USB-C ➤ Ethernet Side Panel - 1 x RJ45 Input, 1 x RJ45 Output ➤ Control Side Panel - 1 x RS232C Control Signal Interface ➤ Antenna WiFi + Bluetooth - 3 + 1 (Wifi 802.11a/b/g/n/ac 2.4 GHz / 5GHz 2T/2R, Bluetooth 5.0) ➤ TF Card Slot - 128 GB ➤ IR Receiver – Yes ➤ Air Play Discovery by Bluetooth – Yes ➤ Mirror/Screenshare – Yes ➤ HDMI CEC – Yes ➤ Voting and Polling – Yes ➤ Lock + Teminate Session – Yes ➤ File/URL Sharing – Yes ➤ BYOD – Yes 				
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		<ul style="list-style-type: none"> ➤ Collaboration - Screen Mirroring, Digital Whiteboard, Office ➤ Teaching Tools , Screen Recording ➤ Windows OPS - Intel Standard 80 Pin OPS-Optional ➤ Speakers - 15W x 2 (Stereo) ➤ Software – Custom ➤ OTA Firmware upgradation - Yes ➤ Screen Lock – Yes ➤ Pin Code Protection – Yes ➤ Power Supply (Internal) - AC 100-240V, 50/60Hz ➤ Consumption $\leq 350W$ ➤ Standby Mode $< 0.5W$ (Standby) ➤ Auto power On/Off Setting – Yes ➤ Dimension (l x H x D)mm - 1706.76 x 1027.32 x 87.3 ➤ Gross Weight 59 ± 2 Kg ➤ VESA Mounting (FPMPMI) 600 x 400 mm ➤ Bezel Size 18.08 mm R/L/U 51.12 mm Bottom ➤ Standard AC Power Cord (1.5m), Stylus (x2), Remote Control (W/o Batteries), HDMI Cable (2m) ➤ Storage Temperature -20°-$60^{\circ}C$ ➤ Working Temperature 0°-$45^{\circ}C$ ➤ Storage Humidity 10%-90% RH 				
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3.1	HDMI Video Endpoint	<ul style="list-style-type: none"> ➤ Supply, Installation, Testing & Commissioning of HDMI Video Endpoint. ➤ Software configurable as All in one Matrix Switcher ➤ Video Matrix Switcher- Video Inputs - 3- HDMI or better, Video Outputs - 2-HDMI Outputs with scaling or better ➤ Resolution supported - 4K60 4:4:4. Content protection - HDCP 2.2 compliant or better ➤ 8-channel PCM HDMI audio embedding/de-embedding or better ➤ Analog Audio Input - 3.5 mm unbalanced stereo mic/line input or better, Audio Output - 3.5 mm unbalanced stereo line output or better ➤ USB port for AV USB bridging for Software based Video Conferencing emulating webcam video driver for network camera, AEC speakerphone audio driver over single USB connection, Control ports- RS232, GPIO/IR for external device control or better ➤ Ethernet Ports - Dual Gigabit ethernet ports or better <p>Power-POE or AUX. Mounting accessories included.</p>				
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3.3	HDMI-HDBT Tx-Rx Kit	<ul style="list-style-type: none"> ➤ Supply, Installation, Testing & Commissioning of Transmitter-Receiver kit with 1xHDMI, 1xVGA & 1xDP and 1xAudio ➤ Resolution - 4K@60Hz ➤ Auto switching capability ➤ Distance upto 100m ➤ Supports 4K@30Hz,4:4:4 over the HDBaseT Output and a local HDMI output ➤ POH(Power over HDBaseT)-with its built-in PoH function,it receives power from the HDBaseT output port on the connected device ➤ RS232 serial communication switch ➤ command mode and bypass mode to meet application requirements ➤ users can command input port switch through RS232 of receiver ➤ selects optimum EDID settings for high-quality display and use HDBaseT output as priority of optimum video resolution ➤ HDCP2.2 Compatible; Supports CEC; Max. Data Rate:10.2Gbps (3.4Gbps per lane) ➤ Power Consumption-DC5V:7.02W:40BTU;POH:8.77W:48BTU 				
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4.1	4K Video Conference Camera for Presenter	<ul style="list-style-type: none"> ➤ Supply, Installation, Testing & Commissioning of 4K Network PTZ Conference camera with minimum 12x optical zoom & 80-degree horizontal coverage ➤ Low Noise CMOS 4K image sensor with User-configurable resolution and quality for IP streams (up to 1080p) ➤ HDMI resolutions up to 4K30 or better and SDI-3G resolution up to 1080p60 or better ➤ Image rotation controls to allow for inverted mounting using ceiling bracket ➤ Minimum Illumination - 0.5 Lux @ (F1.8, AGC ON) or better, Horizontal Rotation Range - $\pm 170^\circ$, Vertical Rotation Range - -30° to $+90^\circ$ or better ➤ White Balance controls- Auto, indoor, outdoor, one-push, manual, specified color temperature or better ➤ Camera should be able to transmit video via network to USB endpoint connected for video conferencing ➤ Power – PoE & AUX ➤ Shall include wall mounting bracket included.Camera Should be MS Teams ➤ Zoom Certified and should be compatible with G Meet,Webex,other Cloud VC Platforms ➤ Camera Should Support Voice Activated Preset Recall with Ceiling Tile Microphone. 				
5.1	Control System	Supply, Installation, Testing & Commissioning of Hardware or Software based control system with required ports to control the devices mentioned in BOQ with perpetual licenses to connect Wall/Table mount touch screen controllers and iOS and Windows devices as wireless touch controller.				
5.2	Touch Controller	Supply, Installation, Testing & Commissioning of Controller :- I Pad with Docking Station				
5.3	Network Switch	Supply, Installation, Testing & Commissioning of 48 port L3 Switch				
6.1	HDMI Cables	Supply, Installation, Testing & Commissioning of 18Gbps 10-feet HDMI Cable.				

6.2	HDMI Cables	Supply, Installation, Testing & Commissioning of 18Gbps 6- feet HDMI Cable.				
6.3	Microphone Cable	Supply, Installation, Testing & Commissioning of 2 core shielded balanced microphone cable.				
6.4	CAT6 Cables	Supply, Installation, Testing & Commissioning of Cat6 Cable for AV Network connectivity.				
6.5	USB-A-B Cables	Supply, Installation, Testing & Commissioning of 6" Hight speed USB A-B 3.0 Cables				

Upgrade of Room NKN-1

S. No	Name Of Item	Detailed Specifications	Compliance(Y/N)	PART/ Model No.	Support/ Doc Pg. No.	Deviation /Re marks
2.2	Interactive Display 86 Inches	<ul style="list-style-type: none"> ➤ SITC Interactive Panel: Size - 86" ➤ Altitude ≤5000M ➤ Type Technology - Backlit D-LED (IPS Panel) ➤ Brightness - 350 cd/m² ➤ Contrast Ratio 5000:1 ➤ Native Resolution 4K Ultra-HD (3840 x 2160) , Viewing Angle (H/V) 178°/178° , Aspect Ratio 16:9 ➤ Refresh Rate (Hz) 60 Hz ➤ Estimated Life Time 50,000 Hours (Typical) ➤ Display Color (BIT) 1.07 Billion (10-bit) ➤ Installation Orientation – Landscape ➤ Response Time - 8 ms ➤ Anti-Glare - Anti Glare Coating , Bonding - Zero Optical Bonding ➤ Technology - Infrared Touch , Annotation – Supported ➤ Touch - 20 Points , Passive Pen - ±1mm , Touch - ±1mm ➤ Touch Resolution - 32,768 x 32,768 ➤ Surface Protection - 4mm Thick Toughened Glass (Level 7H on Mohs scale of Mineral Hardness) ➤ Touch Tools - Finger, Stylus, Glove, Opaque Objects , Simultaneous Writing, Pen, Touch, Erase - Yes , Writing Stylus/Pen Location - Magnetic ➤ Mounting on IFPD Panel Front ➤ System Version - Android™v11.0 , Browser - Yes , Office – Yes 				

		<ul style="list-style-type: none"> ➤ CPU Quad-core ➤ Internal Storage - 32 GB , RAM - 4GB ➤ Inputs Side Panel - 1 x Mini AV(3.5 mm mini jack, 2 x HDMI 2.0(60 Hz/4K) , Inputs Front Panel - 1 x HDMI 2.0(60 Hz/4K) , Outputs Side Panel - 1 x COAX(Multi Channel Audio), 1 x Mini AV(3.5 mm mini jack), 1 x Earphone Out (Stereo Audio) , USB Side Panel - 1 x USB-B(Touch), 1 x USB-A 2.0, 1 X USB-A 3.0 , USB Front Panel - 3 x USB-A 3.0, 1 x USB-B 3.0, 1 x USB-C ➤ Ethernet Side Panel - 1 x RJ45 Input, 1 x RJ45 Output , Control Side Panel - 1 x RS232C Control Signal Interface ➤ Antenna WiFi + Bluetooth - 3 + 1 (Wifi 802.11a/b/g/n/ac 2.4 GHz / 5GHz 2T/2R, Bluetooth 5.0) ➤ TF Card Slot - 128 GB ➤ IR Receiver - Yes , Air Play Discovery by Bluetooth – Yes ➤ Mirror/Screenshare - Yes , HDMI CEC - Yes , Voting and Polling – Yes ➤ Lock + Teminate Session - Yes , File/URL Sharing - Yes , BYOD – Yes 				
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		<ul style="list-style-type: none"> ➤ Collaboration - Screen Mirroring, Digital Whiteboard, Office, Teaching Tools , Screen Recording ➤ Windows OPS - Intel Standard 80 Pin OPS-Optional ➤ Speakers - 15W x 2 (Stereo) ➤ Software - Custom , OTA Firmware upgradation - Yes , Screen Lock - Yes , Pin Code Protection – Yes ➤ Power Supply (Internal) – AC 100-240V, 50/60Hz , Consumption ≤450W ➤ Standby Mode <0.5W (Standby) , Auto power On/Off Setting – Yes ➤ Dimension (l x H x D)mm - 1952.96 x 1167.77 x 87.30 ➤ Standard AC Power Cord (1.5m), Stylus (x2), Remote Control (W/o Batteries), HDMI Cable (2m) ➤ Storage Temperature -20^o-60^oc , Working Temperature 0^o-45^oc ➤ Storage Humidity 10%-90% RH , BIS, ROHS Certified Warranty Standard 3-Years, with Moveable Trolley 				
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Upgrade of Malaviya Sabhagar

S. No	Name Of Item	Detailed Specifications	Compliance(Y/N)	PART/ Model No.	Support/ Doc Pg. No.	Deviation/ Remarks
1.1	Ceiling Speakers	<ul style="list-style-type: none"> ➤ Supply, Installation, Testing & Commissioning of 2-way, Ceiling- mount loudspeaker ➤ Frequency range - 65 Hz to 20 kHz ➤ Rated RMS Power - 30Watts or better ➤ Sensitivity-89 dB SPL or better ➤ Coverage Angle-110° conical or better ➤ Maximum SPL Continuous/Peak-104dB/110dB or better ➤ Rated Impedance - 8 Ohms ➤ Transformer Tapping - 70V/100V(30, 15, 7.5watts) or better ➤ Transducer - LF - 6.5-inch or better, HF- .86-inch or better coaxially mounted with LF, Material - Painted ABS polymer Baffle and Power coated steel grille or better. ➤ Safety rating - UL1480, UL2043 ➤ Mounting rails and C-Ring for ceiling tile included. 				

1.2	Amplifier for Ceiling Speakers	<ul style="list-style-type: none"> ➤ Supply, Installation, Testing & Commissioning of Dual channel class-D amplifier with 60 watts/channel into Low-Z loads ➤ 4 channels can also be bridged in pairs, each pair providing up to 100 watts rms into 4 /8 ohms or 125 watts rms into 70V/100V ➤ Signal to Noise (A weighted, 20 Hz-20 kHz)->100 dB ➤ Frequency Response-20 Hz - 20 kHz ➤ Input Sensitivity-1.23 Vrms (+4 dBu) ➤ Input Impedance->10 kΩ (balanced), >10 kΩ (unbalanced) ➤ Front Panel Indicators-Power, per channel Signal, per channel Protect/Limit ➤ Controls- 4Ω/8Ω/70V Bridge Highpass On/100V Bridged <p>Highpass on per channel pair</p> <ul style="list-style-type: none"> ➤ Size half RU.Mounting hardware included. 					
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1.3	3x2 Video Endpoint/ DSP	<ul style="list-style-type: none"> ➤ Supply, Installation, Testing & Commissioning of 4K60 4:4:4 Network Video Endpoint, software configurable as Encoder or Decoder ➤ Minimum 3 HDMI 2.0 Inputs & Minimum 2 HDMI 2.0 Outputs ➤ Resolution Support upto 4K60 4:4:4. HDCP 1.4 and 2.2 compliant ➤ USB-B port for Web Conference integration, delivering video feeds from PTZ-IP conference cameras and audio feeds from host PC for web conference applications ➤ Audio Inputs: 1 x Mic/line input on a 3.5 mm TRS connector and 4 Mic/Line input, Analog Audio Output: 1 x Line output on a 3.5 mm TRS connector and 4 Line output ➤ Simultaneous streaming capabilities from all Inputs ➤ Control: RS-232 & GPIO ports with 3 Pin euroblock terminal for control of third-party devices ➤ Power - PoE 802.3bt Type 4 and 48 V DC Nominal, 1.5 A on 2- pin Euro connector. Should include all mounting accessories. 					
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1.4	Gooseneck Microphone for podium	<p>SITC of pre-polarized condenser gooseneck microphone with an overall length of minimum 450 mm and with XLR3M-type connector at its base, which shall offer radio frequency interference (RFI) shielding against intermodulation from wireless equipment or devices</p> <ul style="list-style-type: none"> ➤ cardioid microphone capsule with uniform 120° angle of acceptance (-3dB) or better ➤ frequency response of 50 Hz to 20,000 Hz or better and sound input levels handling capability of minimum 130 dBspl ➤ nominal equivalent noise level of 26 Dba or better and output shall be low impedance balanced (<100 ohms) with current consumption shall be 3 mA or better ➤ SITC of table stand for connecting and operating XLR gooseneck microphones shall be rugged and unobtrusive with XLR-3F microphone input and an XLR-3M microphone output operating on 48 V phantom power and current consumption of 3.7 mA or better 					
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1.5	Wireless Handheld Microphone Set	<ul style="list-style-type: none"> ➤ Supply, Installation, Testing & Commissioning Digital wireless handheld Microphone with UHF transmission greatly enhances range ➤ reliability and scalability of 56 MHz Bandwidth will allow for up to 90 channels Up to 2,240 selectable frequencies ➤ dynamic performances with 134 dB transmitter dynamic range Lithium Ion battery pack delivers up to 12 hours of operation (up to 8 hours of operation with AA batteries) ➤ Transducer principle dynamic with Pick-up pattern cardioid ➤ Sound pressure level 154 dB SPL ➤ Transmit power (radiated) Audio link: 10 mW ERP (Range Y1-3: 12 mW ERP) BLE: max. 10 mW EIRP ➤ OEM Should Have Minimum company -owned service center 				
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1.7	Wireless lapel Microphone Set	<ul style="list-style-type: none"> ➤ Supply, Installation, Testing & Commissioning Digital wireless Lavalier Microphone with UHF transmission greatly enhances range, reliability and scalability/ of 56 MHz Bandwidth will allow for up to 90 channels Up to 2,240 selectable frequencies having 134 dB transmitter dynamic range ➤ Lithium Ion battery pack delivers up to 12 hours of operation (up to 8 hours of operation with AA batteries ➤ Transducer principle pre-polarized condensor microphone Pick-up pattern omni-directional, Max. SPL at 1 kHz 130 dB ➤ Frequency response 50 to 18,000 Hz ➤ OEM Should Have Minimum company -owned service centre 				
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1.8	Ceiling Tile Microphone	<ul style="list-style-type: none"> ➤ Supply, Installation, Testing and Commissioning of Ceiling microphone with dynamic Beamforming technology ➤ The beam will automatically detect the position of the person speaking and will follow the person around the room at all times ➤ It should have 2 x Dante digital audio (Redundancy) and Ethernet for Control and PoE connectivity ports ➤ The coverage of the ceiling microphone should be min 800 square feet or more ➤ It should have a true voice lift feature to increase audio intelligibility above the ambient noise floor ➤ It can be controlled through software that can control and monitor the microphone in any network ➤ It should have min 95 dB SPL, 6.3ms latency or less, and a minimum 75dBA or higher dynamic range ➤ High-precision audio settings for maximum control, setting to exclude and prioritize the areas of the room ➤ It should be certified from Microsoft Teams and Zoom Video conferencing applications. 					
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2.1	Projector	<ul style="list-style-type: none"> ➤ Supply, Installation, Testing and Commissioning of Projection system:- Single Chip 0.67" DLP Technology by TI ➤ 6000 Lumens, Maximum Resolution WUXGA (1920x1200)@60Hz ➤ Contrast ratio 20,000:1, Life 20,000 + hours ➤ Through Ratio 1.15 - 1.9:1 ➤ Image Size 36.7" – 201.9" ➤ Projection Lense F#2.45 - 3.13, f=17.23 - 27.9mm, VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA@60hz, Mac, SDTV (480i, 576i) / EDTV (480p, 576p) / HDTV (720p, 1080i, 1080p), NTSC (M, 3.58/4.43 MHz), PAL (B,D,G,H,I,M,N) SECAM (B,D,G,K,K1,L) ➤ Ports HDMI v1.4 (x2) (HDCP v1.4 Compliant), MHL/HDMI 1.4 (HDCP v1.4 Compliant), Composite Video, VGAIn, Audio-In RCA (L/R), Audio-In (Mini-Jack), MIC-In (3.5mm), VGA-Out, Audio-Out (Mini-Jack), 3D SyncOut ➤ USB Type A ➤ Power (5V/1.5A) ➤ RJ45 (Lan), HDBaseT™, RS232-In, USB (Service), 					
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2.2	Screen	Motorized Screen 220 Inch Diagonal, Matt White Surface with Remote				
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2.3	Interactive Display 86 Inches	<ul style="list-style-type: none"> ➤ SITC Interactive Panel: Size - 86" ➤ Altitude ≤5000M ➤ Type Technology - Backlit D-LED (IPS Panel) ➤ Brightness - 350 cd/m² ➤ Contrast Ratio 5000:1 ➤ Native Resolution 4K Ultra-HD (3840 x 2160) , Viewing Angle (H/V) 178°/178° , Aspect Ratio 16:9 ➤ Refresh Rate (Hz) 60 Hz ➤ Estimated Life Time 50,000 Hours (Typical) ➤ Display Color (BIT) 1.07 Billion (10-bit) ➤ Installation Orientation – Landscape ➤ Response Time - 8 ms ➤ Anti-Glare - Anti Glare Coating , Bonding - Zero Optical Bonding ➤ Technology - Infrared Touch , Annotation – Supported ➤ Touch - 20 Points , Passive Pen - ±1mm , Touch - ±1mm ➤ Touch Resolution - 32,768 x 32,768 ➤ Surface Protection - 4mm Thick Toughened Glass (Level 7H on Mohs scale of Mineral Hardness) ➤ Touch Tools - Finger, Stylus, Glove, Opaque Objects , Simultaneous Writing, Pen, Touch, Erase - Yes , Writing Stylus/Pen Location - Magnetic Mounting on IFPD Panel Front ➤ System Version - Andriod™v11.0 , Browser - Yes , Office – Yes ➤ CPU Quad-core ➤ Internal Storage - 32 GB , RAM - 4GB 				
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		<p>HDMI 2.0(60 Hz/4K) , Inputs Front Panel - 1 x HDMI 2.0(60 Hz/4K) ,</p> <p>Outputs Side Panel - 1 x COAX(Multi Channel Audio), 1 x Mini AV(3.5 mm mini jack), 1 x Earphone Out (Stereo Audio) , USB</p> <p>Side Panel - 1 x USB-B(Touch), 1 x USB-A 2.0, 1 X USB-A 3.0 , USB Front Panel - 3 x USB-A 3.0, 1 x USB-B 3.0, 1 x USB-C</p> <ul style="list-style-type: none"> ➤ Ethernet Side Panel - 1 x RJ45 Input, 1 x RJ45 Output , Control Side Panel - 1 x RS232C Control Signal Interface ➤ Antenna WiFi + Bluetooth - 3 + 1 (Wifi 802.11a/b/g/n/ac 2.4 GHz / 5GHz 2T/2R, Bluetooth 5.0) ➤ TF Card Slot - 128 GB ➤ IR Receiver - Yes , Air Play Discovery by Bluetooth – Yes ➤ Mirror/Screenshare - Yes , HDMI CEC - Yes , Voting and Polling – Yes ➤ Lock + Teminate Session - Yes , File/URL Sharing - Yes , BYOD – Yes ➤ Collaboration - Screen Mirroring, Digital Whiteboard, Office, Teaching Tools , Screen Recording ➤ Windows OPS - Intel Standard 80 Pin OPS-Optional ➤ Speakers - 15W x 2 (Stereo) ➤ Software - Custom , OTA Firmware upgradation - Yes , Screen Lock - Yes , Pin Code Protection – Yes ➤ Power Supply (Internal) – AC 100-240V, 50/60Hz , Consumption ≤450W ➤ Standby Mode <0.5W (Standby) , Auto power On/Off Setting – Yes ➤ Dimension (l x H x D)mm - 1952.96 x 1167.77 x 87.30 ➤ Standard AC Power Cord (1.5m) Stylus (x2) 				
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3.1	Wooden podium	Supply, Installation, Testing & Commissioning of Wooden Podium with 1x HDMI Plate				
3.2	HDMI Extender	<ul style="list-style-type: none"> ➤ Supply, Installation, Testing & Commissioning of Transmitter- Receiver kit with 1xHDMI, 1xVGA & 1xDP and 1xAudio ➤ Resolution - 4K@60Hz, Auto switching capability ➤ Distance upto 100m ➤ Supports 4K@30Hz,4:4:4 over the HDBaseT Output and a local HDMI output ➤ POH(Power over HDBaseT)-with its built-in PoH function,it receives power from the HDBaseT output port on the connected device ➤ RS232 serial communication switch ,command mode and bypass mode to meet application requirements ,users can command input port switch through RS232 of receiver ➤ selects optimum EDID settings for high-quality display and use HDBaseT output as priority of optimum video resolution ➤ HDCP2.2 Compatible; Supports CEC; Max. Data Rate:10.2Gbps (3.4Gbps per lane) <p>Power Consumption-DC5V:7.02W:40BTU;POH:8.77W:48BTU</p>				
3.3	Rack with PDU & Temperature Humidity Sensor	<ul style="list-style-type: none"> ➤ Supply, Installation Testing and Commissioning of Intelligent PDU for Remote power outlet control (on / off, power cycle) by individual outlets and outlet groups 				

		<ul style="list-style-type: none"> ➤ Power-On sequencing-users can set the power-on sequence and delay time for each outlet to allow equipment to be powered on in the correct order ➤ Supports TCP / IP, UDP, HTTP, HTTPS, SSL, DHCP, ARP, NTP, DNS, Telnet, Auto Sense, Ping, SNMP V1,V2 and V3 ➤ Current, voltage, power, power dissipation, temperature, and humidity metering and threshold level setting ➤ Feature proactive overload protection to automatically power off the last outlet that causes the current overload while allowing users to set shutdown priority ➤ Supports 10 / 100M bit Ethernet interface ➤ Supports three-level account / password security, IP / MAC filter, 128 bit SSL, and RADIUS ➤ Supports multiple browsers (IE, Firefox, Chrome, and Safari) ➤ Supports door sensor; On/Off scheduling for individual outlet and outlet groups ➤ Power management tasks can be scheduled on a daily, weekly, or user-specified time basis ➤ Supports multiple power control methods – Wake on LAN, System After AC Back, Kill the Power ➤ Maximum Input Current:16A Max; Outlet Type: Total: 14 x IEC320 C13 + 2 x IEC320 C19; 1 x 16A Non-Fuse breaker; C13: 10A (Max), C19: 16A (Max). Should be from the same make Matrix Switcher for better compatibility and smooth operation of system.Temperature and Humidity Sensor provides probes that work in tandem with the Power Distribution Units, which enable you to get readings of temperate and humidity for environmental monitoring and management ➤ Environmental conditions can be monitored with alarms according to customizable minimum/maximum thresholds set for temperature and humidity ➤ Measurement range: 0 – 40°C (Temperature); 30 – 80% RH (Humidity) ➤ Measurement accuracy: +/- 1°C (Temperature); +/- 3% RH (Humidity) ➤ Compact design – built in 3 m cable 				
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		<ul style="list-style-type: none"> ➤ Supply Voltage 5 VDC (Max) ➤ Storage Temperature -20 - 70°C; Operating Temperature 0 - 55°C ➤ Humidity < 95% RH. Should be integrated with same make intelligent PDU that can be directly controlled and monitored by ➤ control processor. 				
4.1	4K Video Conference Camera for Presenter	<ul style="list-style-type: none"> ➤ Supply, Installation, Testing & Commissioning of 4K Network PTZ Conference camera with minimum 12x optical zoom & 80- degree horizontal coverage ➤ Low Noise CMOS 4K image sensor with User-configurable resolution and quality for IP streams (up to 1080p) ➤ HDMI resolutions up to 4K30 or better and SDI-3G resolution up to 1080p60 or better ➤ Image rotation controls to allow for inverted mounting using ceiling bracket ➤ Minimum Illumination - 0.5 Lux @ (F1.8, AGC ON) or better <p>Horizontal Rotation Range - $\pm 170^\circ$, Vertical Rotation Range - -30° to $+90^\circ$ or better</p> <ul style="list-style-type: none"> ➤ White Balance controls- Auto, indoor, outdoor, one-push, manual, specified color temperature or better ➤ Camera should be able to transmit video via network to USB endpoint connected for video conferencing 				
5.1	Control System	<ul style="list-style-type: none"> ➤ Supply, Installation, Testing & Commissioning of Hardware or Software based control system with required ports to control the devices mentioned in BOQ with perpetual licenses to connect Wall/Table mount touch screen controllers and iOS and Windows devices as wireless touch controller. 				
5.2	Touch Panel	Apple iPad with Docking Station				
5.3	Network Switch	<ul style="list-style-type: none"> ➤ Supply, Installation, Testing & Commissioning of 24 port L3 Gigabit 				

6.1	HDMI Cables	Supply, Installation, Testing & Commissioning of 18Gbps 10-feet HDMI Cable.				
6.2	HDMI Cables	Supply, Installation, Testing & Commissioning of 18Gbps 6-feet HDMI Cable.				
6.3	Speaker Cable	Supply, Installation, Testing & Commissioning of 2.5 Sqmm speaker cable				
6.4	Microphone Cable	Supply, Installation, Testing & Commissioning of 2 core shielded balanced microphone cable.				
6.5	CAT6 Cables	Supply, Installation, Testing & Commissioning of Cat6 Cable for AV Network connectivity .				
6.6	USB-A-B Cables	Supply, Installation, Testing & Commissioning of 6" High speed USB A- B 3.0 Cables				

Upgrade of Neeti Sabhagar

S. No	Name Of Item	Detailed Specifications	Compliance(Y/N)	PART/Model No.	Support/Doc Pg. No.	Deviation/Remarks
1	Left & Right Speakers	<ul style="list-style-type: none"> ➤ Supply, Installation, Testing & Commissioning of Powered 2-way active speaker ➤ Transducers: LF-15-inch or better, HF-1.75-inch or better ➤ Frequency Range - 44 Hz to 20 kHz or better ➤ Nominal Coverage (-6 dB)-60° axisymmetric or better ➤ Maximum SPL - 133 dB peak or better ➤ Amplifier - Class-D 2000W Peak or better ➤ Controls and Indicators for Power, Gain, Signal, Limit etc. or more ➤ XLR Mic/Line inputs and Outputs ➤ Material - painted birch plywood or similar, Grille - Black powder coated 16 gauge steel or similar 				
2	Center Speaker	<ul style="list-style-type: none"> ➤ Supply, Installation, Testing & Commissioning of Powered 2-way active speaker ➤ Transducers: LF-12-inch or better, HF-1.4-inch or better ➤ Frequency Range - 45 Hz to 20 kHz or better, Nominal Coverage- 75° axisymmetric or better ➤ Maximum SPL - 132 dB peak or better ➤ Amplifier - Class-D 2000W Peak or better ➤ Controls and Indicators for Power, Gain, Signal, Limit etc. or more ➤ XLR Mic/Line inputs and Outputs ➤ Inbuilt DSP with Presets, Delay etc. or more. ➤ Material - Impact Resistant ABS or similar ➤ M10 rigging points for suspended installation 				

3	Sub-Woofer	<ul style="list-style-type: none"> ➤ Supply, Installation, Testing & Commissioning of 18-inch Active subwoofer ➤ Frequency Range (-10 dB) - 35 Hz - 111 Hz or better ➤ Frequency Response (-6 dB) - 41 Hz - 98 Hz or better ➤ Amplifier Module – Class-D, 3600W or better ➤ Maximum Peak SPL-136 dB or better. 				
4	3x2 Video Endpoint/ DSP	<ul style="list-style-type: none"> ➤ Supply, Installation, Testing & Commissioning of 4K60 4:4:4 Network Video Endpoint, software configurable as Encoder or Decoder ➤ Minimum 3 HDMI 2.0 Inputs & Minimum 2 HDMI 2.0 Outputs ➤ Resolution Support upto 4K60 4:4:4. HDCP 1.4 and 2.2 compliant ➤ USB-B port for Web Conference integration, delivering video feeds from PTZ-IP conference cameras and audio feeds from host PC for web conference applications ➤ Audio Inputs: 1 x Mic/line input on a 3.5 mm TRS connector and 4 Mic/Line input, Analog Audio Output: 1 x Line output on a 3.5 mm TRS connector and 4 Line output ➤ Simultaneous streaming capabilities from all Inputs ➤ Control: RS-232 & GPIO ports with 3 Pin euroblock terminal for control of third-party devices ➤ Power - PoE 802.3bt Type 4 and 48 V DC Nominal, 1.5 A on 2-pin Euro connector ➤ Should include all mounting accessories. 				

5	Digital Mixer	<ul style="list-style-type: none"> ➤ Supply, Installation, Testing & Commissioning of 10 Channel Touch Screen Digital Mixer ➤ 7" Diagonal Color TFT Screen ➤ 8 Mic/Line Inputs (4 XLR, 4 XLR Combo), 2 Stereo Line Inputs (1/4" TRS) ➤ Stereo USB / MP3 Playback, 4 Band Parametric EQ ➤ Gate & Compressor Input Processing, Balanced Main LR Output on 2 x XLR (Line Level) ➤ 4 x Balanced Aux Outputs on XLR (Line Level), 1 x Stereo TRS Headphone Output, 1 x Stereo TRS Monitor ➤ 1/3 Octave Graphic EQ, 6 Band Parametric EQ ➤ Variable High & Low Pass filters ➤ 8-Band AntiFeedback Filters ➤ Limiter, Delay Output Processing, DCA, Mutes and Sub Groups ➤ Real Time Analyzer (RTA), 48 v, all mic inputs, individually switchable ➤ Presets - 99 User Scenes, 120 Factory Presets, 99 User Presets 				
6	Gooseneck Microphone for podium	<ul style="list-style-type: none"> ➤ SITC of pre-polarized condenser gooseneck microphone with an overall length of minimum 450 mm and with XLR3M-type connector at its base, which shall offer radio frequency interference (RFI) shielding against intermodulation from wireless equipment or devices ➤ cardioid microphone capsule with uniform 120° angle of acceptance (-3dB) or better ➤ frequency response of 50 Hz to 20,000 Hz or better and sound input levels handling capability of minimum 130 dBspl ➤ nominal equivalent noise level of 26 Dba or better and output shall be low impedance balanced (<100 ohms) with current consumption shall be 3 mA or better ➤ SITC of table stand for connecting and operating XLR gooseneck microphones shall be rugged and unobtrusive with XLR-3F microphone input and an XLR-3M 				

7	Wireless Handheld Microphone Set	<ul style="list-style-type: none"> ➤ Supply, Installation, Testing & Commissioning Digital wireless handheld Microphone with UHF transmission greatly enhances range ➤ reliability and scalability of 56 MHz Bandwidth will allow for up to 90 channels Up to 2,240 selectable frequencies ➤ dynamic performances with 134 dB transmitter dynamic range Lithium Ion battery pack delivers up to 12 hours of operation (up to 8 hours of operation with AA batteries) ➤ Transducer principle dynamic with Pick-up pattern cardioid ➤ Sound pressure level 154 dB SPL ➤ Transmit power (radiated) Audio link: 10 mW ERP (Range Y1-3: 12 mW ERP) BLE: max. 10 mW EIRP ➤ OEM Should Have Minimum company -owned 				
8	Wireless lapel Microphone Set	<ul style="list-style-type: none"> ➤ Supply, Installation, Testing & Commissioning Digital wireless Lavalier Microphone with UHF transmission greatly enhances range ➤ reliability and scalability/ of 56 MHz ➤ Bandwidth will allow for up to 90 channels Up to 2,240 selectable frequencies having 134 dB transmitter dynamic range Lithium Ion battery pack delivers up to 12 hours of operation (up to 8 hours of operation with AA batteries) ➤ Transducer principle pre-polarized condensor microphone Pick-up pattern omni-directional ➤ Max. SPL at 1 kHz 130 dB ➤ Frequency response 50 to 18,000 Hz ➤ OEM Should Have Minimum company -owned service centre 				

9	Projector	<ul style="list-style-type: none"> ➤ Supply, Installation, Testing and Commissioning of Projection system:- Single Chip 0.67" DLP Technology by TI ➤ 6000 Lumens ➤ Maximum Resolution WUXGA (1920x1200)@60Hz ➤ Contrast ratio 20,000:1, Life 20,000 + hours ➤ Through Ratio 1.15 - 1.9:1 ➤ Image Size 36.7" – 201.9" ➤ Projection Lense F#2.45 - 3.13, f=17.23 - 27.9mm, VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA@60hz ➤ Mac, SDTV (480i, 576i) / EDTV (480p, 576p) / HDTV (720p, 1080i, 1080p), NTSC (M, 3.58/4.43 MHz), PAL (B,D,G,H,I,M,N) SECAM (B,D,G,K,K1,L), Ports HDMI v1.4 (x2) (HDCP v1.4 Compliant) ➤ MHL/HDMI 1.4 (HDCP v1.4 Compliant), Composite Video, VGA In, Audio-In RCA (L/R), Audio-In (Mini-Jack), MIC-In (3.5mm), VGA-Out, Audio-Out (Mini-Jack), 3D SyncOut, USB Type A Power (5V/1.5A), RJ45 (Lan), 				
10	Projection Screen	Motorized Screen 220 Inch Diagonal, Matt White Surface with Remote				
11	Interactive Podium	Supply, Installation, Testing & Commissioning of Interactive Podium with All Accessories Including (PC, Interactive Screen etc)				

12	HDMI Extender	<ul style="list-style-type: none"> ➤ Supply, Installation, Testing & Commissioning of Transmitter- Receiver kit with 1xHDMI, 1xVGA & 1xDP and 1xAudio ➤ Resolution - 4K@60Hz ➤ Auto switching capability ➤ Distance upto 100m.Supports 4K@30Hz,4:4:4 over the HDBaseT Output and a local HDMI output ➤ POH(Power over HDBaseT)-with its built-in PoH function ➤ it receives power from the HDBaseT output port on the connected device ➤ RS232 serial communication switch ,command mode and bypass mode to meet application requirements ,users can command input port switch through RS232 of receiver ➤ selects optimum EDID settings for high-quality display and use HDBaseT output as priority of optimum video resolution ➤ HDCP2.2 Compatible; Supports CEC; Max. Data Rate:10.2Gbps (3.4Gbps per lane) ➤ Power Consumption DC5V:7.02W:40BTU;POH:8.77W:48BTU 				
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13	Rack with PDU & Temperature Humidity Sensor	<ul style="list-style-type: none"> ➤ Supply, Installation Testing and Commissioning of Intelligent PDU for Remote power outlet control (on / off, power cycle) by individual outlets and outlet groups ➤ Power-On sequencing-users can set the power-on sequence and delay time for each outlet to allow equipment to be powered on in the correct order ➤ Supports TCP / IP, UDP, HTTP, HTTPS, SSL, DHCP, ARP, NTP, DNS, Telnet, Auto Sense, Ping, SNMP V1,V2 and V3 ➤ Current, voltage, power, power dissipation, temperature, and humidity metering and threshold level setting ➤ Feature proactive overload protection to automatically power off the last outlet that causes the current overload while allowing users to set shutdown priority ➤ Supports 10 / 100M bit Ethernet interface ➤ Supports three-level account / password security, IP / MAC filter, 128 bit SSL, and RADIUS ➤ Supports multiple browsers (IE, Firefox, Chrome, and Safari) ➤ Supports door sensor; On/Off scheduling for individual outlet and outlet groups. Power management tasks can be scheduled on a daily, weekly, or user-specified time basis ➤ Supports multiple power control methods – Wake on LAN, System After AC Back, Kill the Power ➤ Maximum Input Current:16A Max; Outlet Type: Total: 14 x IEC320 C13 + 2 x IEC320 C19; 1 x 16A Non-Fuse breaker; C13:10A (Max), C19: 16A (Max). Should be from the same make Matrix Switcher for better compatibility and smooth operation of system ➤ Temperature and Humidity Sensor provides probes that work in tandem with the Power Distribution Units, which enable you to get readings of temperate and humidity for environmental monitoring and management ➤ Environmental conditions can be monitored with alarms according to customizable minimum/maximum thresholds set for temperature and humidity ➤ Measurement range: 0 – 40°C (Temperature); 30 – 80% RH (Humidity) 				
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		<ul style="list-style-type: none"> ➤ Easy operation; Connectors RJ-11 Male; Supply Voltage 5 VDC (Max) ➤ Storage Temperature -20 - 70°C; Operating Temperature 0 - 55°C; Humidity < 95% RH ➤ Should be integrated with same make intelligent PDU that can be directly controlled and monitored by control processor. 				
14	Control System	<ul style="list-style-type: none"> ➤ Supply, Installation, Testing & Commissioning of Hardware or Software based control system with required ports to control the devices mentioned in BOQ with perpetual licenses to connect Wall/Table mount touch screen controllers and iOS and Windows devices as wireless touch controller 				
15	Touch Panel	Apple IPAd with Docking Station				
16	Network Switch	<ul style="list-style-type: none"> ➤ Supply, Installation, Testing & Commissioning of Switch 				
17	HDMI Cables	Supply, Installation, Testing & Commissioning of 18Gbps 10-feet HDMI Cable.				
18	HDMI Cables	Supply, Installation, Testing & Commissioning of 18Gbps 6-feet HDMI Cable.				
19	Speaker Cable	Supply, Installation, Testing & Commissioning of 2.5 Sqmm speaker cable				
20	Microphone Cable	Supply, Installation, Testing & Commissioning of 2 core shielded balanced microphone cable.				
21	CAT6 Cables	Supply, Installation, Testing & Commissioning of Cat6 Cable for AV Network connectivity .				
22	USB-A-B Cables	Supply, Installation, Testing & Commissioning of 6" Hight speed USB A-B 3.0 Cables				

Section-21

Buyback items

S. No	Name of items	Quantity
1	Panasonic LED Laser Hybrid Projector RZ 370 EAS1 FHD 3500 Lumens WUXGA Colour DLP Projector	2
2	Lumens Ceiling Camera CL 510	3
3	VC Endpoint Avaya XT5000 codec with Camera	4
4	Additional VC Camera Avaya	6
5	Standalone MCU Avaya Scopia Elite 6140	1
6	Firewall Traversal Device Avaya	1
7	VC Camera Switch Avaya	3
8	Panasonic Model TH-65 LFB70W Color LCD video Monitor w/o	8
9	Panasonic LED 42 inch smart commercial panel PT TH 42ESDM	6
10	Panasonic Ultra short throw Projector Pt-CW330	1
11	Screen Grand view motorized 123"	3
12	Network Audio DSP Extron DMP 128CP	3
13	Control Panel Extron IPCP Pro 550	3
14	Touch Panel Extron TLP Pro 1020 T	3
15	Four port Power Control Extron IPLT PCS4i	3
16	Matrix Switcher Extron DXP88 HDMI with key minder	3
17	Creative RGB HDMI 300 A scaler	3
18	Wireless Microphone handheld	3
19	Wireless Microphone lavalier	3
20	Gooseneck microphone AKG	3
21	Ceiling Microphone AKG	15
22	Shielded indoor professional speaker	10
23	Dual channel amplifier crown xls 1000	3
24	Professional Audio mixer soundcraft	3
25	Server HP proliant	1
26	VGA switcher 1x4	3
27	VGA splitter 1x4	3
28	HDMI splitter 1x8,	3
29	Long distance HDMI twisted pair extender Tx	5
30	Long distance HDMI twisted pair extender Rx	5
31	Power supply for control system	3
32	Ceiling Microphone AKG	6
33	Shielded indoor professional speaker	8
34	Wireless mic	4
35	VC codec Tandberg mpx 6000	1

36	VC codec Tandberg mxp 1700	1
37	HD Projector sharp XG 2445W	1
38	Lumens PS 660, Document camera	1

39	Interactive touch panel Hitachi	1
40	Biamp nexia audio mixer	1
41	Ceiling mic bosch	6
42	Amplifier Biamp	1
43	Crestron controller touch panel	1
44	VGA distributor amplifier	1
45	VGA matrix switcher	1
46	DVI/HDMI matrix switcher Kramer,	1
47	DVI/HDMI extender Kramer,	1
48	5KVA online ups with battery	1
49	LCD TV 55inch	3
	Total	

Section-22

Technical Bid Submission Letter

To,
Chief General Manager (DES)
EdCIL (India) Limited
EdCIL House, 18 A,
Sector-16 A NOIDA – 201301 (U.P.), India

Subject: Technical Proposal for Selection of Partner for Design, Supply, Installation, Testing and Commissioning for Comprehensive Upgradation of Wired and Wireless Campus LAN.

Dear Sir,

We, the undersigned, offer to provide our services against your RFP enquiry no. <Insert RFP no> dated <insert date>. We are hereby submitting our Proposal, which includes this Technical Bid sealed in the envelope.

We hereby declare that all the information and statements made in this Technical bid are true and accept that any misinterpretation contained in it may lead to our disqualification.

We agree to abide by all the terms and conditions of the tender document. We would hold the terms of our bid valid for 180 days as stipulated in the RFP document.

We also agree that you reserve the right in absolute sense to reject all or any of the products / services specified in the bid response without assigning any reason whatsoever.

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

Thanking you,

Name of the Bidder:

Authorized Signatory:

Signature: Seal: Date: Place:

End Of Section

Section-23

Letter of Undertaking

(On The Letter Head Of The Bidder)

To,
Chief General Manager (DES)
EdCIL (India) Limited (EdCIL)
EdCIL House, 18 A, Sector-16 A,
NOIDA – 201301 (U.P.)

Sir,

NIB No.

This bears reference to above referred Bid No._____.We, hereby, accept all the terms and conditions for submitting bid as mentioned in this Bid Document.

We hereby certify that no terms and conditions have been stipulated by us in the Financial Bid.

We warrant that the services do not violate or infringe upon any patent, copyright, trade secret or other property right of any other person or other entity. We agree that we shall not prevent EdCIL from any claim or demand, action or proceeding, directly or indirectly resulting from or arising out of any breach or alleged breach of any of the terms & conditions of bid document and contract.

The above document is executed on _____at (place)_____and we accept that if anything out of the information provided by us is found wrong, our bid/ work order shall be liable for rejection.

Thanking you,

Yours faithfully,

Name of the Bidder _____

Authorized Signatory _____

Seal of the Organization _____

Date:

Place:

End Of Section

Section-24

Proforma Pre Contract Integrity Pact

General

This pre-bid pre-contract Agreement (hereinafter called the Integrity Pact) is made on day of the month of 2025, between, on one hand, acting through Shri/Smt._____, Designation, EdCIL (India) Limited (hereinafter called the “BUYER”/ “EdCIL” interchangeably, which expression shall mean and include, unless the context otherwise requires, his successors in office and assigns) of the First Part

AND

M/s_____represented by Shri_____, Chief Executive Officer (hereinafter called the “BIDDER/Seller” which expression shall mean and include, unless the context otherwise requires, his successors and permitted assigns) of the Second Part.

WHEREAS the EdCIL proposes to procure services towards “Selection of Partner for Design, Supply, Installation, Testing and Commissioning for Comprehensive Upgradation of Wired and Wireless Campus LAN”.

For its clients and BIDDER/Seller is willing to offer the said services and related items as referred to in the Bid document No. EdCIL/DES/ICT/2024-25/01 Dated_____2025.

WHEREAS the BIDDER is a private company /public company / Government undertaking / partnership / registered expert agency, constituted in accordance with the relevant law in the matter and the EdCIL is a Public Sector Undertaking under Ministry of Education performing its functions.

NOW, THEREFORE,

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 currency of the contract to be entered into with a view to:

Enabling the EdCIL to obtain the desired services as referred to in the Bid document No. EdCIL/DES/ICT/2024-25/01 Dated _____2025 at a competitive price in conformity with the defined specifications by avoiding the high cost and the distortionary impact of corruption on public procurement and Enabling BIDDERS to abstain from bribing or indulging in any corrupt practice in order to secure the contract by providing assurance to them that their competitors will also abstain from bribing and other corrupt practices and the EdCIL will commit 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:

1. Commitments of the EdCIL

- a. The EdCIL undertakes that no official of the EdCIL, connected directly or indirectly with the contract, will demand, take a promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favor or any

material or immaterial benefit or any other advantage from the BIDDER, 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.

- b. The BUYER will, during the pre-contract stage, treat all BIDDERS alike, and will provide to all BIDDERS the same information and will not provide any such information to any particular BIDDER which could afford an advantage to that particular BIDDER in comparison to other BIDDERS.
 - c. All the officials of the EdCIL will report to the appropriate Government office any attempted or completed breaches of the above commitments as well as any substantial suspicion of such a breach.
2. In case any such preceding misconduct on the part of such official(s) is reported by the BIDDER to the EdCIL with full and verifiable facts and the same is prima facie found to be correct by the EdCIL, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings shall be initiated by the EdCIL and such a person shall be debarred from further dealings related to the contract process. In such a case while an enquiry is being conducted by the EdCIL the proceedings under the contract would not be stalled.

3. Commitments of Bidders

The BIDDER 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:

- a. The BIDDER 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 EdCIL, 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.
- b. The BIDDER 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 EdCIL or otherwise in procuring the Contract or forbearing to do or having done any act in relation to the obtaining or execution of the contract or any other contract with the Government for showing or forbearing to show favour or disfavor to any person in relation to the contract or any other contract with the Government.
- c. Bidders shall disclose the name and address of agents and representatives and Indian BIDDERS shall disclose their foreign principals or associates.
- d. BIDDERS shall disclose the payments to be made by them to agents/brokers or any other intermediary, in connection with this bid/contract.

- e. The BIDDER further confirms and declares to the EdCIL that the BIDDER is the original manufacturer/integrator/authorized government sponsored export entity and has not engaged any individual or firm or company whether Indian or foreign to intercede, facilitate or in any way to recommend to the EdCIL or any of its functionaries, whether officially or unofficially to the award to the contract to the BIDDER, nor has any amount been paid, promised or intended to be paid to any such individual, firm or company in respect of any such intercession, facilitation or recommendation, as the case shall be for satisfactory performance of the proposed terms of Bidder.
- f. The BIDDER, either while presenting the bid or during pre-contract negotiations or before signing the contract, shall disclose any payments he has made, is committed to or intends to make to officials of the EdCIL 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.
- g. The BIDDER 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.
- h. The BIDDER will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.
- i. The BIDDER shall not use improperly, for purposes of competition or personal gain, or pass on to others, any information provided by the EdCIL as part of the business relationship, regarding plans, technical proposals and business details, including information contained in any electronic data carrier. The BIDDER also undertakes to exercise due and adequate care lest any such information is divulged.
- j. The BIDDER commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.
- k. The BIDDER shall not instigate or cause to instigate any third person to commit any of the actions mentioned above.
- l. If the BIDDER or any employee of the BIDDER or any person acting on behalf of the BIDDER, either directly or indirectly, is a relative of any of the officers of the EdCIL, or alternatively, if any relative of an officer of the EdCIL has financial interest / stake in the BIDDER's firm, the same shall be disclosed by the BIDDER at the time of filing of Bid.
- m. The BIDDER 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 EdCIL.

4. Previous Transgression

- a. The BIDDER declares that no previous transgression occurred in the last three years immediately before signing of this integrity pact, with any other company in any country in respect of any corrupt practices envisaged hereunder or with any Public Sector Enterprise in India or any Government Department in India that could justify BIDDER's exclusion from the bid process.

- b. The BIDDER agrees that if it makes incorrect statement on this subject. BIDDER can be disqualified from the Bid process or the contract, if already awarded, can be terminated for such reason.

5. Earnest Money Deposit

- a. While submitting Technical bid, the BIDDER shall deposit Earnest Money with the EdCIL.
- b. The instrument for Security Deposit made shall be valid up to the specified period and the bidder shall be liable to keep the said instrument valid for such extended period as the case shall be for satisfactory performance of the terms of Bidder above referred till the complete conclusion of the contractual obligations to the complete satisfaction of both the BIDDER and the EdCIL, including O&M period, whichever is later.
- c. In case of the successful BIDDER a clause would also be incorporated in the Article pertaining of Performance Bond in the corresponding Contract governing such agreement that the provisions of Sanctions for Violation shall be applicable for encashment of Performance Bank Guarantee deposited towards forfeiture of said amount in case of a decision by the EdCIL to forfeit the same without assigning any reason for imposing such sanction.
- d. No interest shall be payable by the EdCIL to the BIDDER on Earnest Money Deposit for the period of its currency.

6. Sanctions For Violations

- a. Any breach of the aforesaid provisions by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER) shall entitle the EdCIL 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. However, the proceedings with the other BIDDER(s) would continue.
 - ii. The Earnest Money Deposit (in pre-contract stage) and/or Security Deposit / Performance Bond (Bank Guarantee) (after the contract is signed) shall stand forfeited either fully or partially, as decided by the EdCIL and the BUYER (EdCIL) shall not be required to assign any reason therefore.
 - iii. To immediately cancel the contract, if already signed, without giving any compensation to the BIDDER.
 - iv. To encash the advance bank guarantee and performance bond/warranty bond, if furnished by the BIDDER, in order to recover the payments, already made by the EdCIL, along with interest.
 - v. To cancel all or any other Contracts with the BIDDER. The BIDDER shall be liable to pay compensation for any loss or damage to the EdCIL resulting from such cancellation/rescission and the EdCIL shall be entitled to deduct the amount so payable from the money(s) due to the BIDDER.

- vi. To debar the BIDDER from participating in future bidding processes of the Government of India for a minimum period of five years, which shall be further extended at the discretion of the EdCIL.
 - vii. To recover all sums paid in violation of this Pact by BIDDER(s) to any middleman or agent or broker with a view to securing the contract.
 - viii. In cases where irrevocable Letters of Credit have been received in respect of any contract signed by the EdCIL with the BIDDER, the same shall not be opened.
 - ix. Forfeiture by way of encashment of Performance Bond in case of a decision by the EdCIL to forfeit the same without assigning any reason for imposing sanction for violation of this Pact.
- b. The EdCIL will be entitled to take all or any of the actions mentioned at Para 6.1(i) to (x) of this Pact also on the Commission by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER), of any 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.
 - c. The decision of the EdCIL to the effect that a breach of the provisions of this Pact has been committed by the BIDDER shall be final and conclusive on the BIDDER. However, an Independent Monitor(s) shall be appointed by EdCIL, in case of breach of the provisions of the pact.

7. Facilitation Of Investigation

In case of any allegation of violation of any provisions of this Pact or payment of commission, the EdCIL or its agencies shall be entitled to examine all the documents including the Books of Accounts of the BIDDER and the BIDDER shall provide necessary information and documents in English and shall extend all possible help for the purpose of such examination.

8. Other Legal Actions

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

9. Validity

- a. The validity of this Integrity Pact shall be governed by the terms of the Bid No. EdCIL/DES/ICT/2024-25/01 towards complete execution of the contract to the satisfaction of both the EdCIL and the BIDDER/Seller, including O&M period, whichever is later. In case BIDDER is unsuccessful, this Integrity Pact shall expire after six months from the date of the signing of the contract awarding the Bidder with successful bidder.

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

10. The parties hereby sign this Integrity Pact at on _____.

EdCIL (India) Limited

BIDDER

Name of the Officer:

CHIEF EXECUTIVE OFFICER

Designation:

Witness:

Witness:

1. _____
2. _____

(The Pre-Contract Integrity Pact shall be modified based in line with the conditions of the Bid Documents)

End Of Section

Section-25

Name of the Bank: _____

To,
Chief General Manager (DES)
EdCIL (India) Limited
EdCIL House, 18 A, Sector-16A
NOIDA – 201301 (U.P.)

Performance Bank Guarantee Format

THIS DEED OF GUARANTEE made on this day ofbetween EdCIL (India) Ltd (hereinafter called the "EdCIL" which expression shall unless excluded by or repugnant to the context includes its successors and assignees) of the one part and the (hereinafter called the "Bank" which expression shall unless excluded by or repugnant to the context include its successors and assignees) of the other part.

AND WHEREAS as per clause of the purchase order in question the supplier shall furnish a Performance Bank Guarantee of 10% of P.O. Value i.e. Rs.only) valid for the period of two months beyond the warranty period as and by way of security for the satisfactory working of the

..... AND WHEREAS at the request of the supplier, the Bank executes these presents.

THIS DEED WITNESSETH AND IT IS HEREBY AGREED AND DECLARED BY AND BETWEEN PARTIES HERETO AS FOLLOWS:

The Bank hereby guarantees to the prospective client at Jaipur that the equipment/service contracted is capable of performing the work as demanded by the prospective client at Jaipur. In the event of equipment/service failing to perform to the satisfaction of the prospective client at Jaipur, which shall be final and conclusive of the factum of non-performance, the Bank shall indemnify and keep the indemnified to the extent of of P.O. Value i.e. Rs. (Rupees) valid for the period of two months beyond the warranty period against any loss or damage that may be caused to or suffered by the PROSPECTIVE CLIENT Jaipur consequent to non-performance of the contracted equipment/services to be supplied by the supplier.

In consideration of the aforesaid premise and at the request of the supplier, we the Bank hereby irrevocably and unconditionally guarantee that the supplier shall perform in an orderly manner their contractual obligations in accordance with the terms and conditions set forth in the Purchase order dated and in the event of the supplier's failure to do so, the Bank unconditionally pay to the PROSPECTIVE CLIENT Jaipur on demand, any amount up to the value mentioned in Clause above without any reference to the supplier and without questioning the claim.

The guarantee herein shall remain in full force for a period of two months beyond the warranty period from the date of certification by the PROSPECTIVE CLIENT Jaipur of successful installation and commissioning of the equipment/ service contracted. The date of start of the warranty period will be notified by PROSPECTIVE CLIENT Jaipur to the Bank.

The decision of the prospective client at Jaipur regarding the liability of the Bank under the guarantee and the amount payable there shall be final and conclusive, and binding on us without question. The Bank shall pay forthwith the amount demanded by the prospective client at Jaipur notwithstanding any dispute, if any, between the prospective client at Jaipur, and the supplier.

The Bank further agrees that the guarantee herein shall remain in full force during the pendency of the aforesaid period mentioned in Clause above and also any extension of the guarantee which has been provided by the Bank for this purpose beyond the aforesaid period provided, further, that if any claim accrues or against the Bank by virtue of this guarantee, should be lodged with us within a period of 60 days from the date of expiry of the guarantee period.

This Guarantee shall not be affected by any change in the constitution of the supplier, prospective client at Jaipur, or us nor shall it be affected by any change in the constitution or by any amalgamation or absorption or reconstruction thereof otherwise, but will ensure for and be available to and endorsable by the absorbing amalgamated company or concern.

The prospective client at Jaipur has the fullest liberty without affecting the guarantee to postpone at any time or from the time any of the powers exercisable by it against the supplier, either to enforce or forbear the clause governing guarantee in the terms and conditions of the said contract and Bank shall not be released from its liabilities under the guarantee by any matter referred to or by reason of time being given to the supplier or any other forbearance, act or omission on the part of the prospective client at Jaipur or any material or things whatsoever which under the law relating to sureties shall but for the provisions hereof have the effect of so releasing the Bank from its liabilities.

We further agree that the prospective client at Jaipur shall have the fullest liberty without affecting in any way our obligations hereunder with or without our consent or knowledge to vary any of the terms and conditions of the said contract or to extend the time of delivery from time to time.

The Bank undertakes not to revoke this guarantee during its currency except with the previous consent in writing of the prospective client Jaipur.

We further agree that in order to give full effect to the guarantee herein contained prospective client at Jaipur shall be entitled to act as if we were its principal debtors in respect of its claim against the Supplier hereby guaranteed by us as aforesaid and we hereby expressly waive all our rights of suretyship and other rights if any which are in any way inconsistent with the above provision of this Guarantee.

Notwithstanding anything herein before, the liability of the Bank under this guarantee is restricted to Rs. (Rupees only) and it will remain in force up to the period specified in unless a suit to enforce any claim under the Guarantee is filed against the Bank before the period specified. All your rights under this Guarantee shall be forfeited and we shall be relieved and discharged from all liabilities thereunder.

Dated:	The	Day of	For
		(indicate the name of bank)	
		Signature of Banks Authorized official	
Witness		(Name)_____	
		Designation with Code No. -----	
1		Full Address-----	
2.			

End Of Section

Section- 26

**Performa For Declaration On Proceedings Under Insolvency And
Bankruptcy Code, 2016**

Tender No. :
Name of Work :
Bidder 's Name :

I/ We, M/s._____ declare that:-

- a. I /We am / are not undergoing insolvency resolution Process or liquidation or bankruptcy proceeding as on date.
- b. I /We am / are undergoing insolvency resolution process or liquidation or bankruptcy proceeding as on date as per Details mentioned below. (Attached detail with technical bid)

Note: Strike out one of above which is not applicable.

It is understood that if this declaration is found to be false, EdCIL (India) Ltd. shall have the right to reject my / our bid, and forfeit the EMD, if the bid has resulted in a contract, the contract will be liable for termination without prejudice to any other right or remedy (including holiday listing) available to EdCIL (India) Ltd.

Place:

Date:

Signature of Bidder

Name of Signatory

End Of Section

Section- 27

List of Authorized Banks for BG

Following banks are permissible for accepting Bank Guarantees:

I- SCHEDULED PUBLIC SECTOR BANKS

Sr. No	Name of the Bank
1	Bank of Baroda
2	Bank of India
3	Bank of Maharashtra
4	Canara Bank
5	Central Bank of India
6	Indian Bank
7	Indian Overseas Bank
8	Punjab & Sind Bank
9	Punjab National Bank
10	State Bank of India
11	UCO Bank
12	Union Bank of India

II- SCHEDULED PRIVATE SECTOR BANKS

Sr. No	Name of the Bank
1	HDFC Bank Ltd
2	ICICI Bank Ltd
3	Axis Bank Ltd
4	Kotak Mahindra Bank Ltd
5	IndusInd Bank Ltd