

E-Tender Document

For

**SUPPLYING, INSTALLATION, TESTING & COMMISSIONING
OF AUDIO, VIDEO AND CONFERENCING EQUIPMENT**

AT

PERMANENT CAMPUS OF IIM SIRMAUR

RAMPUR GHAT ROAD, PAONTA SAHIB

DISTRICT SIRMAUR, HIMACHAL PRADESH - 173025

PART-I: TECHNICAL BID



EdCIL (India) Limited

Corporate Office:

A Govt. of India, Mini Ratna Category-I CPSE

EdCIL House, Plot No. 18A, Sector 16A,

Noida-201301 (U.P.) India

Tel: 0120 – 2512001-006, FAX: 0120-2515372

Registered Office:

Vijaya Building,

5th Floor, 17-Barakhamba Road,

New Delhi-110001



NIT No- EdCIL/DES/IIMS/AV/2023/01

Dated: 06.09.2023

This document is serially numbered from page number 01 to 115

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 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.

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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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Notice Inviting Tender

(e-Tendering mode)

EdCIL (INDIA) LIMITED
(A Govt. of India Mini Ratna Category-I CPSE)
SECTOR 16A, Noida

Date: 06.09.2023

N.I.T. No.: EdCIL/DES/IIMS/AV/2023/01

Name of work	SUPPLYING, INSTALLATION, TESTING & COMMISSIONING OF AUDIO, VIDEO AND CONFERENCING EQUIPMENT AT PERMANENT CAMPUS OF IIM SIRMAUR, RAMPUR GHAT ROAD, PAONTA SAHIB, DISTRICT SIRMAUR, HIMACHAL PRADESH - 173025
Tender Type	Open Tender
The Currency in which payment shall be made	Indian Rupees (INR)
Date of Issue/e-Publishing	07.09.2023
Document Distribution Date	07.09.2023
Date for Pre-Bid Conference and Time	14.09.2023 at 15:30Hrs
Bid queries should reach by	13.09.2023 at 17:00Hrs Bid queries received later than the date and time as mentioned above shall not be entertained. Pre-bid queries should be emailed to destenders@edcil.co.in & kssahni@edcil.co.in as per format at Annexure-XVI
Venue of Pre-Bid Conference	EdCIL House, 18 A, Sector-16 A, Noida, U.P.- 201301 as well as online.
Last Date and Time for receipts of Bids	29.09.2023 up to 12:30 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.
Date and Time of Opening of Technical Bids	29.09.2023 at 15:30Hrs
Date and Time of Opening of Financial Bids	To be informed later



Earnest Money Deposit	Rs.3,50,000/- in form of Bank Guarantee/ Demand Draft from a Scheduled Commercial Bank in favour of “EdCIL (India) Limited” payable at Noida. Scanned copy to be uploaded with tender documents and original BG/ DD has to be submitted along with documents as per the Instructions to Bidders. In case EMD is submitted in the form of BG, the BG should be at least valid for 90 days beyond the bid validity date and should be as per Annexure-X
No. of Covers	02 (Two Packets)
Bid Validity days	180 days (From last date of opening of tender)
Performance Bank Guarantee (PBG)	5% of the total work value from the successful Bidder. PBG is required to be submitted within 14 days from the date of issue of LOI/LOA as per Annexure-XI
Purchaser and Place of delivery	Billing to be submitted to EdCIL (India) Ltd. Successful Bidder shall be responsible for Design, Supply, Installation, Testing & Commissioning of Audio, Video and Conferencing Equipment for IIM Sirmaur, Dhaula Kuan Himachal Pradesh as per the scope of work mentioned in the tender document.
Email Address	destenders@edcil.co.in & kssahni@edcil.co.in
Corporate Office	EdCIL House, 18-A, Sector 16A, Film City, Noida, Uttar Pradesh -201301
Registered Office	Vijaya Building 5 th Floor, 17-Barakhamba Rd, Connaught Place, New Delhi, Delhi 110001

1. This is an open tender. Bid by consortium is not allowed.
2. Tender shall be available on electronic tender portal link available at www.tenderwizard.com/EDCIL or EdCIL’s website or IIM Sirmaur’s website. Interested Bidders are advised to go through instructions provided at “Instructions to Bidders for e-tendering.”
3. No manual bids shall be accepted. All bids (both Technical and Financial) should be submitted in the online portal. However, all the credentials mentioned in clause 1.1 should be submitted offline, after submission of online bids.
4. Bidders are advised to visit the EdCIL (India) Ltd. website www.tenderwizard.com/EDCIL for getting themselves updated for information on this tender. Corrigendum and addendum may be issued on the changes required. Reply on pre-bid queries received by EdCIL shall be displayed on EdCIL website/e-tendering website. Bidders are advised to visit the webpage regularly and update themselves. The Pre-Bid queries, Corrigendum/addendum are part of tender document



and Bidders are supposed to upload the same accordingly, duly signed as per the guidelines given in the tender document.

Chief General Manager (DES)
EdCIL (India) Limited,
18 A, Sector-16A, Noida-201 301
Tel: 91-120-2512001 to 2512006



CHAPTER- I

1. Offline and Online Bid Submission Documents

1.1 Offline Submissions:

The Bidder is requested to submit the hardcopy of the below mentioned documents in a Sealed Envelope and the proposed services for Audio and Video components 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).

- 1) 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).
- 2) Original copy of the power-of-attorney.

Note: The Bidder should also upload the scanned copies of all the above-mentioned original documents as Bid-Annexure during Online Bid-Submission.

1.2 Online Submissions:

The Online bids (complete in all respect) must be uploaded online in **two** envelopes as explained below: -

Envelope – 1			
(Following documents to be provided as single PDF file)			
*file size shall be less than 5 MB each.			
Sl. No.	Documents	Content	File Types
1.	Technical Bid	Technical Compliance as per Annexure-I	.PDF
2.		Organization Declaration Sheet as per Annexure-II	.PDF
3.		Letter of Undertaking as per Annexure-III	.PDF
4.		Undertaking of Non-Blacklisting as per Annexure-IV	.PDF
5.		Annual Average Turnover as per Annexure-V	.PDF
6.		Proforma for declaration on proceedings under insolvency and bankruptcy code, 2016 as per Annexure-VI	.PDF



7.		List of AV projects in the last seven financial years as per Annexure VII	.PDF
8.		Power of Attorney as per Annexure VIII	.PDF
9.		Letter of Bid Submission as per Annexure IX	.PDF
10.		Earnest Money Deposit as per Annexure X	.PDF
11.		Proforma pre contract integrity pact as per Annexure XII	.PDF
12.		Manufacturer Authorization Form as per Annexure XIII	.PDF
13.		Tender Checklist as per Annexure XIV	.PDF
14.		Contract Form as per Annexure XV	.PDF
15.		Pre-bid Query Format as per Annexure XVI	.PDF
16.		Installation Certificate as per Annexure XVII	.PDF
17.		Equipment Specification Compliance as per Annexure- XVIII	.PDF
18.		Solvency certificate for minimum value of Rs. 3.2 Crore; not more than 6 months old as per Annexure XXI	.PDF
19.		Undertaking from Bidder for Land Border as per Annexure XXII	.PDF
20.		Declaration/Undertaking as per Annexure XXIII	.PDF
Envelope-2			
Sl. No.	Documents	Content	File Types
1.	Financial Bid	Financial bid submission form as per Annexure- XX and Price bid as per Bid Forms (Form-I)	.PDF



CHAPTER-II

2. Term of Reference & Definitions

Term	Definition
Supplier/Successful Bidder/Selected Bidder	“Supplier” means any company or firm responding to the Tender “Design, Supply, Installation, Testing & Commissioning of Audio, Video and Conferencing Equipment for Indian Institute of Management Sirmaur”.
Authorized Signatory	The Bidder’s representative (explicitly, implicitly, or through conduct) with the powers to commit the authorizing organization to a binding agreement. Also called signing officer/authority having the Power of Attorney from the Competent authority of the respective Bidding firm.
Bid	"Bid" means the response to this document presented in Two Packets, Technical Cum Commercial Bid and Financial Bid, which are supplied with necessary documents and forms as given in Annexure complete in all respect adhering to the instructions and spirit of this document.
Bidder	“Bidder” means any company or firm responding to Request for Proposal and who makes a Bid.
Contract	“The Contract” means the agreement entered between EdCIL and the selected Bidder(s) in terms of clauses mentioned.
Day	“Day” means a working day as per rules of EdCIL.
EMD	Earnest Money Deposit.
D.D	Demand Draft.
EdCIL	EdCIL (India) Limited, Noida (A Mini Ratna Category -I CPSE).
TC	Tender Committee.
PBG	Performance Bank Guarantee.
Security Deposit (SD)	Amount of the Order Value deposited by the Bidder and retained till the successful completion of the project (as long as the Bidder fulfills the contractual agreement).
Services	“Services” means the services to be delivered by the successful Bidder and as required to run the project successfully as per the Contract.
RFP/Tender	“RFP”/Tender means the Request for Proposals.
Goods and Materials	“Goods and Materials” shall mean the articles, materials, equipment, supplier’s drawings, data and other property and all services-including design, delivery, installation, inspection and maintenance support specified or required to complete the order and incidental thereto.
Order	“Order” shall mean the Purchase Order/Work order and its attachments and exhibits.



Consignee	“Consignee” shall mean Indian Institute of Management Sirmaur located at Himachal Pradesh, where the items are to be supplied, installed and commissioned.
EdCIL/ Purchaser	“EdCIL/ Purchaser” shall mean EdCIL (India) Limited.
Client	Indian Institute of Management Sirmaur, Dhaula Kuan, Himachal Pradesh.
Similar type of work	Similar type of work means Supply, Installation, Commissioning, and Integration of Professional AV system for smart classroom including video conferencing facility, in a single contract



CHAPTER-III

3. Instructions for e-Tendering

3.1 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, preparing 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 in internet service being used by the 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/IIM Sirmaur's website/ CPP Portal.
- 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 agencies (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 non-refundable annual registration charges as follows:

1	Registration charges for 1 year	Rs. 2,000/-
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- a. (exclusive of taxes, levies, etc.) this 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.
 - i. Participants 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.



- ii. Bidders are advised to change the password immediately on receipt of activation mail.
 - iii. Bidders shall not disclose their User ID as well as password and other material information relating to the e-tendering to anyone and safeguard their secrecy.
 - iv. Submit your bids 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.
- 8) Bids should be submitted only through Tender Wizard E-Tendering Portal and obtain the Tender Acknowledgement copy as proof of successful submission.
 - 9) Vendors are requested to contact Tender wizard Helpdesk for any information regarding E-tendering / training.

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

3.2 PREPARATION OF BIDS

- 1) **Bidders should take into account any corrigendum/addendum published on the portal before submitting their bids.**
- 2) **Please go through 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 documents) that need to be submitted. Any deviations from these may lead to rejection of the bid.
- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document/ schedule and generally, these can be in PDF format. Bid documents may be scanned with 100 dpi with black and white option.

3.3 SUBMISSION OF BIDS

- 1) Bidders 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 they



upload the bid in time i.e. on or before the bid submission deadline. Bidders will be solely responsible for any delay in uploading of bid within the stipulated time.

- 2) The Bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidder has to pay EMD as applicable through demand draft/BG or Scanned copy of NEFT or RTGS payment receipt (UTR number), as per tender condition in favour of “**EdCIL (India) Ltd**” payable at **Noida** and enter details of the instruments. Original demand draft/BG for EMD is required to be submitted.
- 4) 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 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.
- 5) 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.
- 6) 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., date & time of submission of the bid and all other relevant details.

3.4 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 below given numbers/email.

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

3.5 OFFLINE SUBMISSIONS: (AS PER TENDER REQUIREMENT)

The Bidder is requested to submit documents as mentioned in **Clause 1.1**



3.6 MINIMUM REQUIREMENTS AT BIDDER'S END

- 1) Computer System having configuration with minimum Windows 7 or above, and Broadband connectivity.
- 2) Digital Certificate(s)



CHAPTER-IV

4. **Instruction to Bidders**

- 1) Due date: The tender has to be submitted on or before the due date and time. The offers received after the due date and time will not be considered.
- 2) Preparation of Bids: The offer/ bid shall be submitted in two bid-system i.e. Technical Bid and Financial Bid. The technical bid shall consist of all technical details along with commercial terms and conditions. Financial bid shall indicate component wise price for components mentioned in the financial bid in the given format.
- 3) Language of Proposal: The proposal prepared by the firm and all correspondence and documents relating to the RFP exchanged by the Bidder and the Client, shall be written in the English language, provided that any printed literature furnished by the firm may be written in another language so long as accompanied by an English translation in which case, for purposes of interpretation of the bid, the English translation shall govern.
- 4) Cost of Bidding: The Bidder shall bear all costs associated with the preparation and submission of its bid, including cost of presentation for the purposes of clarification of the bid, if so desired by the client, and the client will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process. The firm is expected to carefully examine all instructions, forms, terms and specifications in the bid document. Failure to furnish all information required in the bid document or submission of a bid not substantially responsive to the bid document in every respect will be at the firm's own risk and may result in rejection of the bid.
- 5) EMD: The Bidder should submit EMD through Bank Guarantee/ Demand Draft or Scanned copy of NEFT or RTGS payment receipt (UTR number), drawn in favour of "EdCIL (India) Limited" payable at NOIDA from any Scheduled Commercial Bank. The Bid sent without EMD would be considered UNRESPONSIVE and will not be considered.
- 6) In case EMD is submitted in the form of BG, the BG should be at least valid for 90 days beyond the bid validity date and as per Annexure-X.
- 7) The Bidders are requested to submit EMD in the form of Bank Guarantee/ Demand Draft or Scanned copy of NEFT or RTGS payment receipt (UTR number), drawn in favour of EdCIL (India) Limited and payable at NOIDA, with the Technical Bid.

Note:

Bidders registered with MSME/Start-Ups and having valid registration certificate issued by NSIC/MSME are exempted from submission of EMD. However, all Bidders including MSMEs/Start-Ups must submit their financial solvency certificate issued not earlier than 6 months of last date of submission of Bid.

8) **Refund of EMD:**

- i. The EMD will be returned to unsuccessful Bidder(s) after the award of work to the successful Bidder.
- ii. Earnest money will be forfeited if a Bidder unilaterally withdraws the offer, or
- iii. Unilaterally amends impair or rescind the offer within the period of its validity.



- iv. In Case of Successful Bidder, the EMD shall be refunded after receipt of 5% Performance Bank Guarantee from a scheduled commercial bank operating in India.

9) Acceptance/ Rejection of bids:

EdCIL reserves the right to reject any or all offers without assigning any reason.

EdCIL, based on the requirement and without assigning any reason to the Bidders may split the work/Scope/Bid and/or offer in stages or in parts according to the need of work and/or for ease of execution of work.

10) Performance Bank Guarantee

The successful Bidder shall deposit Performance Bank Guarantee equivalent to 5% of contract value to IIM Sirmaur within 14 days from the date of receipt of Letter of Intent (LOI)/LOA. The Performance Bank Guarantee (PBG) should be issued by a Scheduled Commercial Bank in favor of "IIM Sirmaur" and be valid for at least 90 days beyond the target date of completion of Contract (including warranty period of 3 years and 2 years of CMC + 06 months) and further as specified in the LOI.

This Performance Bank Guarantee will be retained throughout the currency of the contract and should be extended by the Bidder from time to time, as required by IIM Sirmaur.

PBG shall be returned to the successful Bidder only after 90 days of the successful completion of the Contract (including warranty period of 3 years and 2 years of CMC + 06 months). In case of any shortfall of any activity/ specification/ other terms and conditions of the contract, IIM Sirmaur reserves the right to recover damages or loss from the due payment and or by the encashment of PBG.

4.1 Amendment in Tender Document:

At any time up to the last date for receipt of RFP, EdCIL may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective firm, modify the Bid Document by an amendment. The amendment will be notified on the requisite portal/websites.

4.2 Site Survey

- 1) Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (as far as practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. Bidders shall be deemed to have full knowledge of the site whether they inspect it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed.
- 2) Bidders should make a comprehensive site survey in order to learn existing backbone infrastructure of the client in a large perspective so that the procured components are fully compatible with existing network infrastructure.
- 3) The successful Bidder has to carry out site survey at all locations and prepare actual Bill of Materials required and project schedule within two weeks from the date of award of the contract/issue of Work Order.



CHAPTER-V

5. Scope of Work

INTRODUCTION

Indian Institute of Management Sirmaur (IIM Sirmaur) is a Centrally Funded Institution of National Importance set up by the Government of India in 2015. IIM Sirmaur is one of the newer institutions of the IIM family in the country. As a premier institution, under the aegis of Ministry of Education, Gol, it aims to provide Management Education of high quality and promotes allied areas of knowledge and inter-disciplinary studies.

The Institute strives for the seamless integration of management education with local and global aspirations in an enabling environment. It supports that management education is not just about seeking the most competitive employment opportunities, but also about learning to serve socio-economic concerns through ethical and visionary corporate leadership. It strives to focus on indigenous areas and innovative practices, to develop sensitive corporate leaders and entrepreneurs of tomorrow.

‘Vision’ of IIM Sirmaur is “To be globally respected institution for management excellence.”

‘Mission’ of IIM Sirmaur is “To develop and foster professionals with competencies in creating and leading future-oriented solutions for sustainable growth adhering to the highest standards of ethical and human aspects of work in Himachal Pradesh, India, and the world.

IIM Sirmaur wishes to set up Audio, Video and Conferencing Equipment system for the entire campus and thus provide state of art reliable and robust teaching infrastructure. It is intended to build a new Audio, Video and Conferencing Equipment system for IIM Sirmaur that will transfer the latest technology benefits to its students. The AV infrastructure will also support multimedia, audio and video along with accessing other latest facilities which can be integrated in the future.

The entire campus is proposed to be equipped with State-of-the-Art AV infrastructure. The design comprises complete Audio-visual facilities for the Institute’s classrooms.

OEM recommended installation practice should be followed for all installation and integration.

5.1 Solution Overview, Key considerations and detailed design

5.1.1 Video Conferencing

The following rooms in the campus are planned to be enabled with Video conferencing (VC) solution set-up.

Admin Block:

- a) Meeting Room – 2Nos
- b) Board Room
- c) Committee Room - Faculty block
- d) Conference Room - Placement Office / Corporate Affairs



Classroom Complex 1

- a) Academic Council – 1 Number
- b) Committee Room – 1 Number

As identified in the BoQ, Board room, Academic Council and Committee Room shall have 1 No. of 65 (± 1) inch Screen in the front wall and HDMI cable shall be extended to have future provision for 1 No. 65 (± 1) inch screen each on the side wall along with a HDMI splitter to show the same content on all screens.

All other rooms shall have only 1 No of 65 (± 1) inch screen only.

5.1.2 Lecture-room AV systems

Technologically advanced and optimized audio-visual systems are considered for the Lecture rooms primarily based on the requirement of the institute, size and layout of the classrooms and teaching methodologies that are considered by the Institute.

Following classrooms will be enabled with the AV system solution as per details provided further below:

- a) **150/90-seater:** 1 no. of 90-seater and 1 no. of 150-seater classroom will be made completely ready for Digital classroom for Hybrid Operations with following solution:
 - Two projection screens and 2 projector of 6000 Lumen in 150-seater and 5000 Lumen in 90-seater
 - Wall speakers, DSP and Amplifier
 - Ceiling mics for both Video conferencing Far-end and local re-enforcement
 - AV over IP Switching system
 - Cameras
 - Customized professor desk with complete centralized control integrated on the desk with a tab and thin client.
 - All AV system will be installed at the Rack.
 - Wireless Content sharing
 - 43 (± 1) inch confidence monitor in front row and HDMI splitter to extend the same content.
 - Room Scheduler Screen
 - Multiview solution with live streaming and recording capabilities.
- b) **90-seater:** 4 Nos of 90-seater classrooms will be made completely ready in this Phase with the following Audio-Visual infrastructure.
 - Two projection screens and 2 projectors of 5000 Lumens
 - Wall speakers, DSP and Amplifier
 - TX and RX for HDMI extend transmitter.
 - Lavalier Microphone and Handheld mics
 - Customized professor desk with complete centralized control integrated on the desk with a tab and thin client.
 - All AV system will be installed centralized at the Rack.



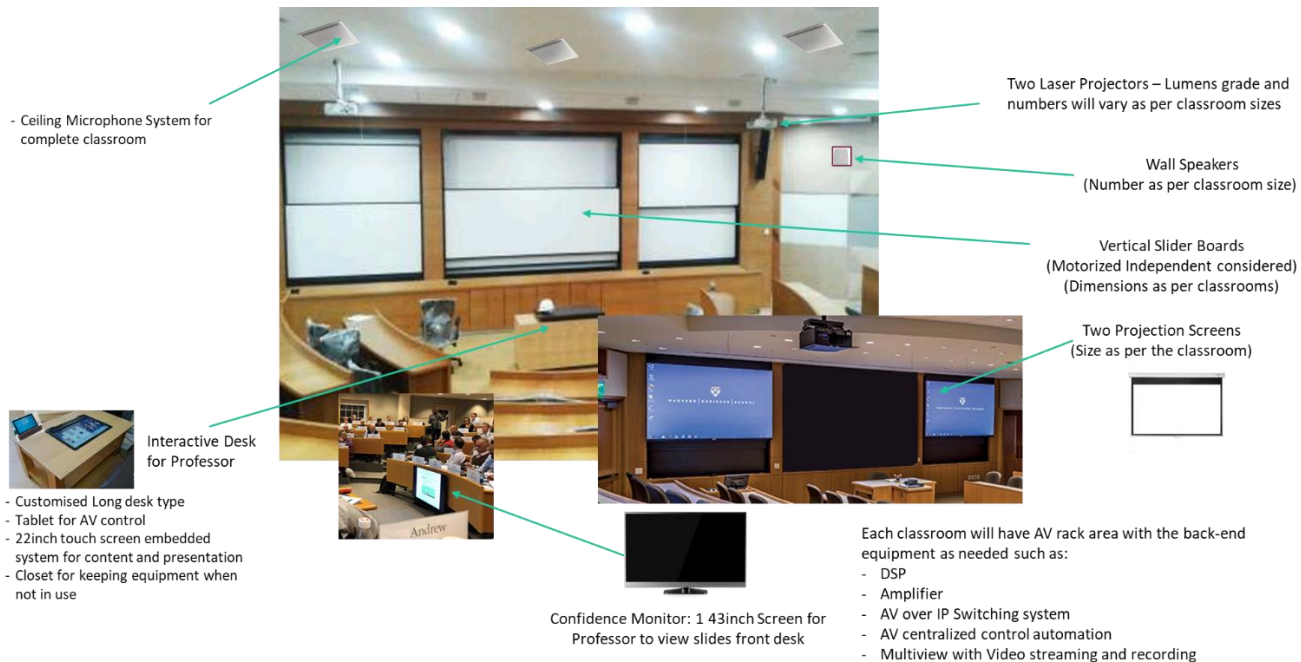
- Wireless Content sharing
- 43 (±1) inch confidence monitor in front row and HDMI splitter to extend the content.
- Room Scheduler Screen

c) Class Type (50- 63-Seater) - Classroom Complex 2 & MDP: 7 Nos of 50-63-seater configuration classrooms will be ready in this Phase with the following Audio-Visual infrastructure.

- One projection screen and 1 projector of 4000 Lumen
- Wall speakers and Amplifier
- TX and RX for HDMI extended transmitter.
- All AV systems to be installed centrally in the Rack.
- 43 (±1) inch confidence monitor in front row and HDMI splitter to extend the same content.

d) Class Type 25- and 20-Seater (MDP) and 20-seater Classroom Complex 2, 30-seater: 4 Nos of these configuration classrooms will have 1 projector and screen.

5.1.2.1 Solution for 150/90 seater classroom (Digital classroom for Hybrid Operations) in Classroom complex 1





5.1.2.2 90 seater classroom (Digital classroom) in Classroom complex 1

Two Laser Projectors – Lumens grade and numbers will vary as per classroom sizes

Wall Speakers (Number as per classroom size)

Vertical Slider Boards (Motorized Independent considered)

Two Projection Screens (Size as per the classroom)

Handheld mics for students

Wireless Lapel Mic for Professor

Interactive Desk for Professor

- Customised Long desk type
- Tablet for AV control
- 22inch touch screen embedded system for content and presentation
- Closet for keeping equipment when not in use

Confidence Monitor: 1 43inch Screen for Professor to view slides front desk

Each classroom will have AV rack area with the back-end equipment as needed such as:

- DSP
- Amplifier
- TX and RX for HDMI extend transmitter
- AV control system

5.1.2.3 CLASS Type (50- 63 Seater) - Classroom Complex 2 & MDP

Wall Speakers (Number as per classroom size)

One Laser Projector – Lumens grade and numbers will vary as per classroom sizes

Vertical Slider Boards (Motorized Independent considered) (Dimensions as per classrooms)

One Projection Screen in center (Size as per the classroom)

Confidence Monitor: 1 43inch Screen for Professor to view slides front desk

Each classroom will have AV rack area with the back-end equipment as needed such as:

- Amplifier
- TX and RX for HDMI extend transmitter

5.1.2.4 CLASS Type 25 and 20 Seater (MDP) and 20 seater Classroom Complex 2, 30 seater



These images are only for illustration purpose

5.1.2.5 Classroom projection screen sizing

The following design principles are used to come up with the right size of the screens in the classroom.

- The height of the Projection Screen should be around 1/6th of the maximum viewing distance for text and analytical studies.
- Minimum viewing distance = 1.5 x height of the projection screen
- A safer rule of thumb is for any displayed text to occupy at least 15 to 20 arc minutes of the furthest viewer's vision.
- The most popular guideline for determining the font size is to make them at least one inch (72 pt.) tall for every 10-15 feet of viewing distance.
- Aspect Ratio considered is 16:10

S.N O.	Area	LENGTH & WIDTH			Projection Screen
		CAPACITY	BOARD WALL LENGTH	BOARD WALL HEIGHT	
1	CLASSROOM COMPLEX-1	150- SEATER	9,000 MM	5,000 MM	16:10 Motorized Left and Right Projection Screen, 113 Inch Diagonal - 2 per classroom - ~2440mm x 1524mm
		90-SEATER	9,000 MM	5,000 MM	16:10 Motorized Left and Right Projection Screen,



					113 Inch Diagonal - 2 per classroom - ~2440mm x 1524mm
2	CLASSROOM COMPLEX-2	63-Seater	11,000 MM	3,500 MM	One motorized 16:10 centre screen of 113inch size - Approximate size- 2440mm x 1524mm
		60-seater	8,200 MM	3,500 MM	
		56-seater	10,600 MM	3,500 MM	
		52-seater	9,000 MM	3,500 MM	
		50-seater	8,100 MM	3,950 MM	

5.2 Communication Backbone

5.2.1 Structure Cabling System Passive

The structured cabling pertaining to smooth functioning of AV system inside the premises of IIM Sirmaur classrooms and inter-classrooms shall be in the scope of successful bidder. Bidders are advised to visit the site for appropriate conditions before quoting for the tender. The ICT network at IIM Sirmaur will facilitate very high-speed Data, Voice video through Fiber Optic backbone across the campus. A Main Master Fiber Optic network backbone has been designed to transport ICT services - Data, voice, Wi-Fi and Security. The network backbone would also transport Audio Visual traffic viz Conferences, classroom. Live streaming etc.

5.3 EdCIL (India) Limited has been entrusted by IIM Sirmaur for Design, Supply, Installation, Testing & Commissioning of Audio, Video and Conferencing Equipment for IIM Sirmaur, Himachal Pradesh.

5.4 The selected Bidder shall perform the activities for Design, Supply, Installation, Testing & Commissioning of Audio, Video and Conferencing Equipment for IIM Sirmaur, Himachal Pradesh, as per the scope of work and maintain the same until completion of Contract.

5.5 The Bidder has to assure the following towards the support of the passive networking components: -

All major passive networking components installation shall be executed by CPWD and handed over to IIM Sirmaur. If some extra amount of passive networking work will be taken into consideration, for proper installation and commissioning of AV components, then the structured cabling pertaining to smooth functioning of AV system inside the premises of IIM Sirmaur classrooms and inter-classrooms shall be in the scope of successful bidder. Bidders are advised to visit the site for appropriate conditions before quoting for the tender. The ICT network at IIM Sirmaur will facilitate very high-speed Data, Voice video through Fiber Optic backbone across the campus.

5.6 There is an existing Audio Video inventory with the Institute and the same shall be deployed by the Contractor at the new campus of IIM Sirmaur, Dhaula Kuan on their own risk and cost.



5.7 Scope of Supply

- 1) Supply of all components as per BOQ at IIM Sirmaur's campus, with standard OEM warranty NBD (Next Business Day) (at least of 3 years) and 2 years CMC (Where in any faulty component shall be replaced with authentic component of the same make and model).
- 2) The successful Bidder must not bid/supply any equipment that is likely to be declared end of sale within 5 years and end of support within 7 years from the date of supply. The Bidder would have to replace any such equipment with the latest or at least the equivalent configuration.

5.8 Inspection and Tests

- 1) The successful Bidder shall facilitate and make available a random sample of each equipment type being supplied by them for a Pre-dispatch Inspection (PDI) by a committee comprising EdCIL representatives/ CLIENT either at a centralised location in India or at site from a lot of 10% of total quantities. The PDI will be a key requirement prior to shipment of the equipment to actual site. The PDI will be carried out as per the list of parameters provided in Annexure XVIII.
- 2) In the event of any hardware or software failing to pass the PDI, as per the specifications given, a period not exceeding 7 days will be given to the selected Bidder to rectify the failure and clear the inspection, failing which EdCIL reserves the right to cancel the Work Order and levy appropriate penalties in addition to the Liquidated Damages. EdCIL will not be responsible for any costs associated with such rejection.
- 3) Additionally, the Bidder shall replace the complete lot of equipment belonging to an equipment type, if more than 5% of the sample size for the equipment type is found defective during the PDI. If consecutive lots of the same type of equipment are rejected, the entire shipment of equipment by the manufacturer shall stand rejected and shall have to be replaced by the selected Bidder with a fresh batch of equipment for shipment and related PDI. Any cost impact of rejection at any stage shall be borne by the Bidder. If the complete shipment is rejected, EdCIL reserves the right to cancel the Work Order and levy penalties in addition to Liquidated Damages. All penalty calculations are explained in detail in SLA.

5.9 Scope of Installation, Configuration and Integration

- 1) Physical installation and powering of all supplied components as per to be approved layout.
- 2) Complete configuration and integration of all the components.
- 3) Any structure, permanent or temporary, dismantled or damaged during the execution of the work shall be refilled/remade or restored to its previous condition by the successful Bidder at its own cost. In case the successful Bidder fails to take timely action in this regard, EdCIL will get it executed at risk and cost of the successful Bidder.

5.10 Scope of Cable plan Implementation

- 1) The successful Bidder under the guidance and supervision of IIM Sirmaur has to carry out a site survey at all locations and prepare actual Bill of Materials required and project schedule within two weeks from the date of awarding the contract. The document should clearly indicate the site preparation requirements to be carried out by IIM Sirmaur and site clearance and permissions to be obtained from IIM Sirmaur.



- 2) The passive networking work, for installation of equipment under the purview of this tender, is being executed parallelly by another agency. It is understood that both the work i.e. laying of passive network and installation of active components shall be done in close coordination. The passive networking is proposed to be handed over to the selected Bidder in parts, phase by phase. In doing so, in case there is inordinate delay in laying of passive network, the selected Bidder shall be allowed proportionate extension of time for execution of work. No claim, whatsoever, other than time shall be admissible on account of this.

5.11 Scope of Acceptance Testing and Commissioning

- 1) After installation of each and every item, test shall be conducted for system's performance at the end point with the help of testing equipment.
- 2) Commissioning shall mean end-to-end commissioning of the complete System with testing of test parameters, commitments etc and shall be submitted along with implementation plan, which shall be approved by EdCIL and reported to IIM Sirmaur.
- 3) Repair / Refurnishing work owing to damage caused due to cabling or any other work related to this project should be taken care by the vendor in coordination with EdCIL. There should not be any hanging or uncovered cables. If any such hanging cable is left by passive network installation team, then the same should be reported to EdCIL and IIM Sirmaur prior to starting of work.
- 4) Upon Self-testing and Commissioning, the system shall be offered for inspection to EdCIL, and accepted report should be submitted to IIM Sirmaur.
- 5) The successful Bidder shall prepare an inspection and acceptance schedule with details of each activity and subsequently submit to EdCIL and IIM Sirmaur.
- 6) Bidder must note that no refurbished materials are supplied. The successful Bidder must ensure that the materials supplied are brand new and are procured from the OEM or their authorized distributor. The successful Bidder shall be obliged to provide the trail of such procurement (unpriced).

5.12 Scope of Documentation

- 1) Providing original manuals of all hardware as well as related software of all items supplied. Manual should comprise the complete details of equipment handling, functioning, precautions and scope of warranty for the complete list of items installed.
- 2) Technical write up of the AV components.
- 3) Implementation plan to be approved by IIM Sirmaur/EdCIL, before initializing the installation and configuration activity.
- 4) Test parameters, commitments etc. for acceptance testing to be enclosed along with implementation plan.
- 5) Acceptance test reports, performance test reports of all components. Any other relevant documentation.

5.13 Scope of Training

- 1) Training on the design and functioning, operational aspects and maintenance of the complete system.



- 2) The duration of the training shall be minimum 5 days, subject to satisfaction of the end customer. Similar trainings should be imparted upon the update in technology/ update in network till the tenure of the project prevails.
- 3) Course material for the above (one copy each per participant), along with the soft copy, to be provided.
- 4) The Bidder shall also provide information such as Do's & Don'ts of equipment and list of service centres at various places in vicinity of IIM Sirmaur.

5.14 BOQ

The equipment specification sheet is mentioned in Annexure XVIII:

- 1) **Quantity mentioned in below bill of materials is the minimum quantity which Bidder must provide. Bidder is free to increase the quantity to meet the solution functionality as per its Technical Proposal. Bidder shall be paid for actual number of items installed/the numbers quoted in the bid.** The decision of EdCIL shall be final and binding in this regard.
- 2) During the period of contract, EdCIL reserves the right of varying components within the range of the total contract value up to $\pm 30\%$ without any increase in the prices of the individual items and/or other terms and conditions.
- 3) The procurement shall be valid for entire duration of contract. (Including warranty period of 3 years NBD OEM WARRANTY FROM THE DATE OF GO LIVE) and 2 years of CMC (Where in any faulty component shall be replaced with authentic component of the same make and model).
- 4) A firm work order for the remaining quantities shall be issued on case-to-case basis on confirmation from the client, without any deviation in the ordered prices.

5.15 The detailed specifications are given in the Annexure XVIII of the RFP. Following are the important conditions for all AV components proposed:

- 1) Bidder must note that no refurbished materials are supplied. The successful Bidder must ensure that the materials supplied are brand new and are procured from the OEM or their authorized distributor. The successful Bidder shall be obliged to provide the trail of such procurement (unpriced).
- 2) The manufacturing date of all the equipment supplied shall not be more than one year prior to the date of award of work. The equipment shall be in good working condition & should comply with the specifications given in this Tender Document in Annexure XVIII.
- 3) The selected Bidder needs to supply all the required equipment in single lot/maximum quantities per lot with prior intimation to EdCIL within the stipulated timeline.
- 4) The successful Bidder shall submit Satisfactory Quality Check Pass Reports from the OEM(s) for 100% of the equipment being supplied prior to offering them for pre-dispatch inspection.
- 5) In addition, prior to pre-dispatch inspection, the successful Bidder should satisfy that all equipment supplied conforms to applicable quality control parameters.



5.16 Delivery and Documents

Delivery/Commissioning of all the goods at the campus of IIM Sirmaur should be made within a maximum of 11 weeks/15 weeks from the date of placement of LOI/LOA. The successful Bidder/supplier to provide absolute supply schedule within 14 days from the receipt of LOI. Within 24 hours of dispatch, the supplier should notify EdCIL and the insurance company by e-mail the full details of the shipment including contract number, railway receipt number etc. and date, description of goods, quantity, name of the EdCIL invoice etc. Till the IIM Sirmaur consignee takes over/ receives the equipment/ items, the supplier should be responsible to keep the same in safe custody and the charges (if any) to be borne by the successful Bidder. The successful Bidder will be responsible for all equipment supplied till these are successfully installed and commissioned at the designated place. The successful Bidder should submit the following documents to EdCIL with a copy to the insurance company:

- 1) Copies of the Supplier invoice showing Work Order number, description of goods, quantity, unit price, total amount.
- 2) Insurance Certificate, if applicable,
- 3) Manufacturer's/Supplier's warranty certificate.
- 4) Inspection Certificate issued by EdCIL/nominated inspection agency and subsequently accepted by IIM Sirmaur, if any.
- 5) Supplier's factory inspection report.
- 6) Two copies of the packing list identifying the contents of each package.

The above documents should be received by EdCIL before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.

5.17 Insurance & Transportation

- 1) The selected Bidder shall be responsible for acquiring comprehensive insurance including transit insurance, liability insurance and any other insurance for all the equipment till the delivery and commissioning at IIM Sirmaur/Respective delivery warehouses along with Insurance against fire, theft, damages and loss of all property owned by the Executing Agency at the construction site, if any extending to third party liability.
- 2) For delivery of goods at the end client's location, the insurance should be obtained by the Supplier in an amount equal to 110% of the value of the goods from "supplier location to end client location" (final destinations) on "CAR policy".
- 3) It is the total responsibility of the supplier to complete all formalities to transit of goods from the place of dispatch to End Clients Location.
- 4) The successful Bidder should ensure that no person can engage in the business of a common carrier unless he has been granted a certificate of registration to do so for supply of items at End Client's Location.
- 5) The transportation of goods through unregistered common carrier is illegal. The successful Bidder should ensure to comply with the latest carriage by Road Act and any other relevant laws.
- 6) Further, Group Personnel Accident Insurance covering the Executing Agency's employees, operating from the site as per the Executing Agency's established practices. Workman's Compensation Insurance, covering employee's / contract workers of the Executing Agency covered under Workman's Compensation Act and any other



mandatory insurance governed by the prevailing laws of Central or State government shall be taken care of by the selected Bidder.

- 7) All costs related to insurance shall be borne by the selected Bidder for goods supplied under the Agreement against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery etc. A copy of Insurance Certificate should be provided along with the delivery challan before shipping of the equipment.

5.18 Liquidated Damages

The timely completion of project is the essence of this tender. Liquidated damages will be applicable at the rate of zero-point five percent (0.5%) of the contract value per week or part thereof for delay in final completion date of the project, subject to a maximum of 10%. EdCIL will have the right to cancel the order, place order on alternative source besides levying the liquidated damages as above.

5.19 Indemnity

The selected Bidder shall execute and furnish to EdCIL a Deed of Indemnity in favor of “EdCIL” in a form and manner acceptable to EdCIL, indemnifying EdCIL from and against any costs, loss, damages, expense, claims including those from third parties or liabilities of any kind howsoever suffered, arising or incurred inter alia during and after the contract period out of:

- a) Any negligence or wrongful act or omission by the selected Bidder or the selected Bidder’s Team in connection with or incidental to this contract or
- b) A breach of any of the terms of selected Bidder Bid as agreed in the RFP by the Bidder or the selected Bidder’s Team.
- c) The indemnity shall be to the extent of 100% in favor of EdCIL.

5.20 Commissioning of all Equipment

- 1) As part of commissioning of the delivered equipment, the selected Bidder shall depute its technically qualified representative(s) to facilitate in the conduct of inspection of 100% of the delivered quantity in presence of EdCIL and IIM Sirmaur representative. For commissioning, the inspection shall be done against the compliance checklist of the product features given in the RFP – Annexure XVIII along with complete documentation.
- 2) Against the commissioning of all the hardware, the selected Bidder shall get an Installation and Commissioning Sign-off receipt from authorized representative of the EdCIL and IIM Sirmaur. The Bidder shall submit invoices along with the list of serial numbers of all the equipment supplied and corresponding Commissioning Sign-off receipt from the EdCIL and IIM Sirmaur. The damaged/defective equipment, if any, shall be taken back by the selected Bidder’s representative and the corresponding serial numbers shall neither be included in the serial number list enclosed with invoice nor will the cost of returned equipment be reflected in the submitted invoice.

5.21 Warranty Services

- 1) The Selected Bidder is required to provide a next business day warranty service from OEM for the requisite AV equipment and related Hardware supplied under the warranty for a



period of at least 3 years. Records of all calls/emails/visits made to the service centre shall be kept in a computerized system for easy tracking of complaints and calculating SLA.

- 2) The period of warranty for all equipment shall commence after successful installation and commissioning sign-off with IIM Sirmaur.
- 3) Three level escalation matrix for the complaint's resolution and support.

5.22 Warranty and Maintenance Support Services

The Selected Bidder is required to provide onsite service support for the requisite AV equipment and related Hardware supplied under the contract for a period of 3 years warranty.

5.23 Service Centre Setup

- 1) The selected Bidder should have a setup of service centre in Chandigarh/Himachal Pradesh/Dehradun/ Delhi/ NCR for the maintenance and warranty of all equipment supplied under this contract.
- 2) In case a Bidder has no presence in Chandigarh/Himachal Pradesh/Dehradun/ Delhi/ NCR, he/she shall establish the same within 4 weeks from the date of award of contract. The responsibility of providing satisfactory services solely remains with the selected Bidder.

5.24 Service Level Agreement

- 1) The purpose of this Service Level Agreement (hereinafter referred to as SLA) is to clearly define the levels of service which shall be provided by the Selected Bidder to EdCIL and IIM Sirmaur for the duration of this Agreement. The selected Bidder shall regularly review the performance of the services being provided by the Selected Bidder and the effectiveness of this SLA.

2) Definitions:

For purposes of this Service Level Agreement, the definitions and terms as specified in the Contract along with the following terms shall have the meanings set forth below:

- a. "Incident" refers to any event specifying the defect in connectivity (in case of cabling and related accessories) or service breakage (in case of racks).
- b. "Resolution Time" shall mean the time taken (after the incident has been reported, in resolving (diagnosing, troubleshooting and fixing) the issue.

3) Category of SLAs

- i. This document provides for minimum level of services required as per contractual obligations based on performance indicators and measurements thereof. The Bidder shall ensure provisioning of all required services while monitoring the performance of the same to effectively comply with the performance levels. The services provided by the Bidder shall be reviewed by EdCIL/IIM Sirmaur as the following:
 - a. Adherence to delivery schedule.
 - b. Regularly check performance of the Bidder against this SLA.
 - c. Obtain suggestions for changes to improving the service levels.
 - d. Periodic inspection of selected Bidder's Help Desk Records like:



- Types of Incidents and requests
 - Time to resolve and number of unclosed tickets.
 - Systems involved.
 - **Codal** life of document after the completion of project. Codal life of document will be adopted by IIM Sirmaur.
- ii. The SLA shall be logically segregated in the following categories:
- a. Pre-Dispatch Inspection
 - b. Implementation Service levels/Delivery Schedule
 - c. Warranty obligations.
 - d. Compliance and Reporting Procedures
- iii. The following measurements and targets shall be used to track and report performance on a regular basis. The targets shown in the following tables are applicable for the duration of the Contract. All penalties shall be paid by the Selected Bidder to EdCIL/IIM Sirmaur.
- iv. **Delivery Schedule**

Sl. No.	Measurement	Target	Penalty
1.	Start of shipment of Hardware/ equipment	Within 4 Weeks of issuance of Work Order.	
2.	Delivery of Hardware/ equipment at IIM Sirmaur	Within 11 Weeks of issuance of Work Order.	
3.	Commissioning of all AV Hardware/ equipment.	Within 15 Weeks of issuance of Work Order.	Liquidated damages will be applicable at the rate of zero-point five percent (0.5%) of the contract value per week or part thereof for final commissioning of AV components subject to a maximum of 10%

- * GST shall be charged extra over and above the penalty amount for delay in delivery schedule and penalty for breach of SLA.



v. **Warranty and Post Warranty Support obligations:**

The support services delivery of the Bidder should be governed by the following architecture, a single point of contact with a 24 X 7 available number. An Engineer or an authorized person should be able to log their complaint on this central number, following a predefined process, so as to raise a service request. The request will be attended to, resolved and escalated as per the standard operating procedures.

vi. **Manpower Penalty Clause:**

IIM Sirmaur will impose a penalty of Rs. 10,000/- per day of delay in redeployment of manpower.

Support Services Provisioned

Service Entitlement		Standard
Telephone Technical Support	Access to Live Agents at our Support Centre	7 x 24 x 365
On-Site Engineering Services	Service Availability	7 x 24 x 365 (staggered shifts)
	Response Time	4 hours

Point of Contacts

Successful Bidder should assign a point of contact Manager for IIM Sirmaur.

Manager will be responsible for following:

- i. Ensuring on timely rectification and/or replacement of AV components.
- ii. Arranging Standby Hardware, whenever possible.
- iii. Tracking Complaint status and periodic update to customer.
- iv. Provide regular updates to customer contact.

The successful Bidder shall depute requisite number of Engineer/Engineers to address faults as raised by IIM Sirmaur to its support helpdesk within the Response Time. The Engineer should be adequately apprised of the AV infrastructure deployed at IIM Sirmaur. The Engineer so deputed during the delivery, installation, testing and handover phases and till the completion of the project will be responsible for the following:

- i. Day-to-day monitoring activities on site for the devices deployed.
- ii. Technically competent to handle usual issues generated in AV devices supplied.
- iii. Capable of articulating complicated technical challenges onsite to expert offsite and work as hands-n-eye for the offsite technical team.



- iv. Capable of understanding the client's requirement for MACs (Move-n-Change);
- v. Reports to off-site Manager.
- vi. If on leave, a substitution will be done with another adequately informed and competent engineer to continue as-usual operations smoothly.

5.25 Fault Notification

The helpdesk should be operational 24 X 7 and E-mail address and Phone numbers should be made available that can be reached on. The Service Desk Agent will provide the Customer (Client) with a Service Request Number which the support team will refer to in any correspondence related to this case, and which the Customer should refer to when the Customer wishes to make enquiries about the progress of the case. The service request number will be communicated to the customer immediately via phone & email.



5.26 Severity Level Definitions

Severity Level	Critical	Major	Minor
Alternate description	P1	P2	P3
Alternate description	Severity 1	Severity 2	Severity 3
Definition	<p>Complete loss of a core organizational or business process where work cannot reasonably continue.</p> <p>Catastrophic impact on business. Workflow cannot move forward with the product until the issue is resolved. The issue may be caused by a critical failure that causes data failure or precludes the use of function of the product.</p>	<p>High impact on organizational or business processes.</p> <p>Operation of an existing network is severely degraded, or significant aspects of customer's business operation are negatively impacted by inadequate performance of the products. Inability to deploy a key feature or function. Product usage is affected but can continue for a reasonable amount of time before the problem becomes catastrophic.</p>	<p>Minimal organizational or business impact. Anything which is not Out of service or Major is classified as Minor.</p>
SI's priority	SI's immediate priority is to restore service and not to debug the problem.	SI's immediate priority is to restore/improve service, not debug the problem.	SI's priority is to begin collecting data to debug the problem.



Escalation and Notifications:

The SI ensures that all the stakeholders are notified in a timely manner on the status of event/ticket. SI Service Desk system notifies users during following events:

- 1) Logging of ticket.
- 2) Status change of ticket.
- 3) Support engineers'-initiated notifications.

In order to ensure issues are resolved within SLA, Successful SI will have to use defined escalation mechanisms.

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

Severity of call	Type of call	Tier-II	Tier-III
Severity-1: Critical	Incident	4 th Hour	6 th Hour
Severity-2: Major	Incident	6 th Hour	24 th Hour
Severity-3: Minor	Incident	24 th Hour	48 th Hour

5.27 Penalty for breach of SLA

S.no	Fault Resolution – SLA	Time Allocated	Penalty (in % percentage or Rs)
1	Call Resolution (in case of Severity-1 type incident)	< 4 Hrs.	0%
		> 12 hrs.	0.5 % of the unit hardware cost
2	Call Resolution (in case of Severity-2 type incident)	< 6 Hrs.	0%
		> 48 hrs.	0.5 % of the unit hardware cost
3	Call Resolution (in case of Severity-3 type incident)	< 24 Hrs.	0%
		> 60 hrs.	0.5% of the unit hardware cost

* GST shall be charged extra over and above the penalty amount for delay in delivery schedule and penalty for breach of SLA.

5.28 SLA Review Process

- 1) Either EdCIL or the selected Bidder may raise an issue, by documenting the business or technical problem, which presents a reasonably objective summary of both points of view and identifies specific points of disagreement with possible solutions.
- 2) 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.



- 3) EdCIL and the selected Bidder shall develop an interim solution, if required, and subsequently permanent solution for the problem at hand. The selected Bidder will then communicate the resolution to all interested parties.
- 4) In case the issue is still unresolved, the arbitration procedures described in arbitration clause will be applicable.

5.29 Manuals and Drawings

- 1) Before the goods and equipment are taken over by IIM Sirmaur, the Supplier should supply operation and maintenance manuals. These should be in such detail as will enable the IIM Sirmaur to operate, maintain, adjust and repair all parts of the works as stated in the specifications, along with these drawings of layouts and integrated schematics.
- 2) The Manuals should be in the ruling language (English).

5.30 Requirement of Key Personnel (Technical Manpower) for the IIM Sirmaur Campus.

- 1) The successful Bidder shall deploy experienced resources (AV Engineers) at the premise of the institute, who must be a full-time employee of the successful Bidder, during installation, Contract, Agreement, warranty and post warranty Periods (as specified in the agreement). The AV Engineer shall function under the aegis of Contact Manager of the Bidder, will be responsible at project site office and report to IIM Sirmaur, Himachal Pradesh.
- 2) Minimum qualification and experience with Job description is mentioned in the table given below:

Role	Qualification	Job-Description & relevant experience
AV Engineers	B.E/B.Tech (CS/IT/ECE) Or MCA	At least 04 years of experience in working on Audio Video devices.

3) Job-Description:

- a) Fully support, configure, maintain AV system.
- b) Install and integrate new AV device hardware and applications.
- c) Keep an eye out for needed updates.
- d) Support and administer third-party applications.
- e) Ensure sustainability and proper connectivity.
- f) Resolve problems reported (hardware/software) by end user.
- g) Specify system requirements and design solutions.
- h) Research and make recommendations on AV system administration.



- i) Technical manpower cannot replace any equipment without prior approval of IIM Sirmaur's officials.
- j) Technical person shall update IIM Sirmaur about any persisting problem and shall not leave job without appropriate replacement.
- k) Technical manpower deployed at site during CMC of 2 years should work with best of their professional expertise in the interest of IIM Sirmaur. However, if at any stage their services are not found satisfactory, the bidder will be obliged to replace the particular manpower with equal or better skilled, qualified and experienced person within 10 days.

5.31 Resume Format:

Name:	Role ()
Qualification(s)	
Overall work experience (in years)	
Relevant experience	
Employed by Bidder company since	
Details of relevant professional experience	
Engagement Type	
Entity	
Nature of Entity (PSE / Private)	
Period of engagement	
Role	
Key work performed	



CHAPTER-VI

6. Bid Evaluation

6.1 Bid Evaluation Process

Evaluation will be based on the bidder meeting the Pre-Qualification/Eligibility criteria and subsequent evaluation of financial bid. It is mandatory for the bidder to fulfil all the Pre-qualification criteria to be technically qualified and for being considered for opening of their Financial Bid and evaluation thereof. The bidder with the lowest financial quote (L1) shall be considered for award of contract.

6.1.1 PRE- QUALIFICATION ELIGIBILITY CRITERIA:

Bidder has to upload all documentary evidence 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 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.

S. No.	Pre-qualification Criteria	Supporting Document
1.	The bidder must be the company or firm registered in India for minimum of 05 years as on last date of RFP. JV/ consortium is not allowed	Certificate of Incorporation/ equivalent supporting document for its constitution.
2.	The Bidder must have a valid GST Registration and PAN number allotted by the respective authorities.	GST Registration Certificate and PAN number
3.	The Bidder should neither have been blacklisted by any Central Government/ State Government/PSU/Government Bodies/Autonomous Bodies/Private Sector with regards to the works executed by it in the last five years as on last date of submission of RFP.	The bidder shall furnish an undertaking (Annexure-IV) duly attested by notary in a non-judicial stamp paper of value INR100/- (Rupees One Hundred Only)



4.	<p>The Bidder should be having a positive net worth in the last three consecutive financial years, with an Average annual turnover of at least INR 4 Crores in the last three financial years (FY 2020-21, 2021-22, 2022-23). For MSMEs and Start-Ups duly registered with the Government of India the turnover criteria shall be relaxed by 20% (i.e. these firms should have Average annual turnover of at least INR 3.2 Crores in the last three financial years (FY 2020-21, 2021-22, 2022-23), Subject to meeting of quality, scope technical specification and other criteria asked in this document.</p> <p>* In case audited results are not available for FY 2022-23 then the bidders can submit audited results for 2019-2020.</p>	<p>Audited/ Certified financial statements by chartered Accountant or firm.</p> <p>Valid registration certificate issued by NSIC/MSME or other appropriate government authorities.</p>
5.	<p>The Bidder must be valid ISO 9001:2015, ISO 14001, ISO 45001, and ISO 27001 certified.</p>	<p>Signed Copies of ISO Certificates issued by the authorized ISO partner.</p>
6.	<p>Solvency certificate not more than 6 months old issued from bank of bidder for minimum value of Rs. 3.2 Crore.</p> <p>OR</p> <p><u>For MSME/Startup</u></p> <p>Solvency certificate not more than 6 months old issued from bank of bidder for minimum value of Rs. 2.56 crores.</p>	<p>Solvency certificate issued from bank</p>
7.	<p>Proforma for declaration on proceedings under insolvency and bankruptcy code, 2016</p>	<p>ANNEXURE – VI</p>
8.	<p>The Bidder should have satisfactorily completed at least three similar works each costing not less than Rs. 1.6 Crores in Central Govt. educational Institutes of National Importance in the last five years ending, as on last date of submission of bid.</p> <p>OR</p> <p>The Bidder should have satisfactorily completed at least two works of similar type each costing not less than Rs. 2 Crores in Central Govt. educational Institutes of National Importance in the last five years ending, as on last date of submission of bid.</p>	<p>Work Order + Satisfactory Certificate of Completion (Issued by the officer not below the rank of executive engineer or equivalent).</p>



	<p>OR</p> <p>The Bidder should have satisfactorily completed at least one works of similar type each costing not less than Rs. 3.2 Crores in Central Govt. educational Institutes of National Importance in the last five years ending, as on last date of submission of bid.</p> <p>*Note:</p> <p>Similar work shall mean supply, installation, commissioning, and integration of professional AV system for a smart classroom, including video conferencing facility, in a single contract.</p>	
9.	<p>Manpower:</p> <p>The bidders shall have at least 10 Certified AV Technology specialists on its rolls at least for 3 years before the last date of submission of RFP.</p>	<p>Proof of PF/ESI Documents along with declaration and</p> <p>An Undertaking to be submitted by designated authority (Company Secretary) of the organization for the past three years. Moreover, it is also mandatory to submit the copies of certification for each and every single resource.</p>
10	<p>OEM supporting SI should have had an Indian presence for the last 10+ Years.</p>	<p>Necessary documents to be attached like registration certificate / Rental agreement / telephone bills etc</p>

- 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.

6.1.2 Evaluation of Financial bids:

1. The Financial bid shall be opened for only those bidders who have been found to be technically qualified/eligible. The financial bids shall be opened in presence of representatives of technically qualified/eligible bidders, who may like to be present. EdCIL shall inform the date, place and time for opening of financial bids.
2. Financial bid should be checked by bidders to ensure conformance to the format provided in the tender document.
3. If there is any discrepancy between words and figures in any part of the financial bid, the amount indicated in words will prevail.
4. The bidder with lowest financial quote (L1) shall be considered for award of contract.



6.2 Compliance to Make in India:

Compliance to Make In India (Make in India Circular No. P-45021/2/2017-PP(BE-II) of DPIIT dated 16.09.2020) and Land Border sharing OM & Order (Public Procurement No.1) ref. F.No.6/18/2019-PPD dated 23.07.2020 and subsequent addendums/ amendments:

- a) If the Estimated Cost of Tender is below or equal to Rs. 10 Crores, then the Bidder must submit self- certification for Local Content as per Annexure – XXIII on a Non-Judicial Stamp Paper Costing Rupees 100/- (One Hundred Only). All the Pages of the Document must be signed by the certifying authority.
- b) Else, when the Estimated Cost of Tender is above Rs. 10 Crores, then the Bidder must submit the Certificate of Local Content as per Annexure – XXIII on a Non-Judicial Stamp Paper Costing Rupees 100/- (One Hundred Only) from a Statutory Auditor or Cost Auditor of the Company (in case of Companies) or from a practicing Cost Accountant or practicing Chartered Accountant (in respect of Suppliers other than Companies) giving percentage of the Local Content. All the Pages of the Document must be signed by the certifying authority. (Not Applicable for this Tender)
- c) Bidders offering imported products cannot claim services such as transportation, insurance, installation, commissioning and training as local value addition.
- d) The Local Content Percentage mentioned under the individual BoQ Items are applicable only on the overall Bid level. Percentage of Local Content shall be calculated on the overall Bid level for Supply/ SITC items of the BoQ as per the formula provided below.
 1. Local Content Percentage = $\frac{((\text{Sale price of "X1"} - \text{Value of imported content in "X1"}) + (\text{Sale price of "X2"} - \text{Value of imported content in "X2"}) + \dots + (\text{Sale price of "XN"} - \text{Value of imported content in "XN"})) * 100}{\text{Sale price of "X1"} + \text{Sale price of "X2"} + \dots + \text{Sale price of "XN"}}$.
- e) As per the GoI Order No P-45021/2/2017-PP (BE-II) Dated 04.06.2020, Dated 16.09.2020 & subsequent notification issued by GoI, "Sale Price" means price excluding net domestic indirect taxes and "Value of imported content" means price of imported content inclusive of all custom duties.
- f) Only "Class-I local supplier" having minimum 50% local content and "Class-II local supplier" having minimum 20% local content for the overall solution, shall be eligible to bid in this procurement.
- g) The System Integrator (SI) / Bidder has to submit the consolidated MII (local content) % for the complete solution being offered as per Annexure XXIII.
- h) MII Purchase Preference shall be provided as per the provision of the said MII order.
- i) The Bidder and offered product should also comply with the provision of Land Border sharing OM & Order (Public Procurement No.1) ref. F.No.6/18/2019- PPD dated 23.07.2020 and subsequent addendums/ amendments.
- j) Consortium/ JV of companies/ firms is not allowed.



Chapter-VII

7. Timeline & Payment terms

7.1 Payment Terms:

Only those Bidders who are confident and willing to carry out the work within the prescribed time period, are requested to participate in this tender.

S.no	Milestone	Payment % of the Contract Value (including all taxes, duties and levies, as applicable)
1.	<p>a) Payment of “X” % of charges for the comprehensive project work (except post warranty CMC charges and Technical Manpower charges for on-site support during the warranty tenures), towards supply of complete material any, against documentary evidence, shall be released only after receipt of material at IIM Sirmaur on receipt of the following documents: -</p> <ul style="list-style-type: none"> · Invoice. · Warranty Certificate. · Delivery Challan (duly signed & stamped by authorized officials of consignee). · PDI report · E-way bills for delivery of the material and equipment at site 	X=70
2.	<p>“Y” % of charges for the comprehensive project work (except post warranty CMC charges & Technical Manpower charges for on-site support during the warranty tenures), towards successful Installation and commissioning shall be released after receipt of the following:</p> <ul style="list-style-type: none"> • Clearance from EdCIL and IIM Sirmaur Representative regarding successful completion of work • Inspection report (Installation and commissioning report duly signed and stamped by authorized officials of consignee) 	Y=20



3.	<p>“Z” % of charges for the comprehensive project work (except post warranty CMC charges & Technical Manpower charges for on-site support during the warranty tenures), shall be released in at the end of first year, second year and third year. The payment shall be as per the following schedule:</p> <p>At the end of first year of warranty: 03% At the end of second year of warranty: 03% At the end of third year of warranty: 04%</p> <p>The payment shall be released on receipt of the following:</p> <p>(i) Clearance from IIM Sirmaur regarding Contractor had rectified/replaced the faulty component/ item as per SLA on intimation from IIM Sirmaur.</p> <p>(ii) Certificate of satisfactory performance from IIM Sirmaur and preventive maintenance reports and log reports</p>	Z=10
4.	<p>Technical Manpower charges for on-site support during the warranty tenure.</p> <p>(i) Certificate of satisfactory performance from IIM Sirmaur in Charge and preventive maintenance reports and log reports.</p> <p>(ii) The contractor shall comply with the provision of all applicable labour laws like Provident fund, Employee State Insurance etc. for the technical manpower deployed for onsite support for 3 years during warranty + 2 years during CMC period. Statutory challans or documentary evidence for payment of applicable statutory dues toward PF, ESI etc. with the statutory authorities to the satisfaction of IIM Sirmaur have to submitted at the time of payment failing which EdCIL reserve the right to withhold the payment to that extent</p>	To be paid half yearly on the satisfactory report given by the end client.
5.	<p>CMC charges:</p> <p>2 years CMC (Where in any faulty component shall be replaced with authentic component of the same make and model).</p> <p>The payment shall be released at the end of 06 months on receipt of the following:</p> <p>(i) Clearance from IIM Sirmaur regarding Contractor had rectified/replaced the faulty component/ item as per SLA on intimation from IIM Sirmaur.</p> <p>(ii) Certificate of satisfactory performance from IIM Sirmaur in Charge and preventive maintenance reports.</p>	To be paid half yearly on the satisfactory report given by the end client.



Note:

- 1) Payments will be done only on the back-to-back basis on receipt of the related payment/funds from the end client, subject to satisfactory acceptance of the deliverables from the end client as per the submission of the required document.
- 2) Warranty start will be reckoned from the date of installation and commissioning as approved by the end client. Part payment can be made against commissioning in accordance with the progress of the project on the sole discretion of IIM Sirmaur.

7.2 Performance Bank Guarantee:

The successful Bidder shall be required to deposit Performance Bank Guarantee equivalent to 5% of contract value to IIM Sirmaur within 14 days from the date of receipt of LOA. The Performance Bank Guarantee shall be issued by a Scheduled Commercial Bank in favour of "**IIM Sirmaur**" and be valid for at least 90 days beyond the target date of completion of Contract and further as specified in the LOI. This Performance Bank Guarantee should be retained throughout the currency of the contract and shall be extended by the Bidder from time to time, as required by IIM Sirmaur.



Chapter-VIII

8. Key Contract Terms

8.1 Force Majeure

The selected Bidder shall not be liable for forfeiture of its performance bank guarantee, liquidated damages or termination for default if, and to the extent applicable, its delay(s) in performance or other failure(s) to perform its obligations under the Contract is/are the result of Force Majeure.

- 1) For purposes of this Clause, "Force Majeure" means an event beyond the control of the selected Bidder and not involving the selected Bidder's fault or negligence and not foreseeable. Such events shall include, but are not limited to, acts of the EdCIL either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- 2) If a Force Majeure situation arises, the selected Bidder should promptly notify EdCIL/ IIM Sirmaur in writing of such conditions and the cause thereof. Unless otherwise directed by EdCIL/ IIM Sirmaur in writing, the selected Bidder shall continue to perform its obligations under the Contract as far as is reasonably practical and should seek all reasonable alternative means for performance not prevented by the Force Majeure event.

8.2 Prices:

- 1) The price should be quoted in per unit and must include all packing, delivery, commissioning charges etc. The rates for the individual items should be quoted as detailed in Annexure XX.
- 2) The prices must be quoted in the Proforma given in Financial Bid failing which the Bid would be treated as unresponsive.
- 3) The price quoted should be inclusive of 3 years on-site comprehensive warranty (NBD) , CMC and including deployment of technical manpower during this period, providing requisite training and demonstration to the end client.

8.3 Notices:

For the purpose of all notices, the following should be the address:

Chief General Manager (DES)
EdCIL (India) Limited,
18 A, Sector-16A,
Noida-201301, Uttar Pradesh
Tel: 91-120-2512001 to 2512006

8.4 Governing Language

The contract should be written in English language. English language version of the Contract should govern its interpretation. All correspondence and other documents pertaining to the



Contract, which are exchanged by the parties, shall be written in the same language.

8.5 Applicable Law

The Contract shall be interpreted in accordance with the laws of the Union of India and all disputes shall be subject to place of jurisdiction. The place of jurisdiction would be New Delhi (Delhi) INDIA.

8.6 Taxes

Selected Bidder shall be entirely responsible for payment of all taxes, duties, road permits, etc., incurred until completion of the project including handing over. The rates for the individual items should be quoted as detailed in Annexure XX.

8.7 Termination for Default

The EdCIL should, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Supplier, terminate the Contract in whole or part:

- 1) If the Supplier fails to complete the work within the period(s) specified in the order, or within any extension thereof granted by the EdCIL; or
- 2) If the Supplier fails to perform any other obligation(s) under the Contract.
- 3) If the Supplier, in the judgment of the EdCIL, has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.
- 4) For the purpose of this Clause:
 - “**Corrupt practice**” means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.
 - “**Fraudulent practice**” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition.
 - In the event EdCIL terminates the Contract in whole or in part, EdCIL may procure, at the risk and cost of the supplier and upon such terms and in such manner, as it deems appropriate, Goods or Services similar to those undelivered. However, the Supplier shall continue the performance of the Contract to the extent not terminated.

8.8 Disputes and Jurisdiction:

Any legal disputes arising out of any breach of contract pertaining to this tender shall be settled in the court of competent jurisdiction located within New Delhi.

8.9 Compliance certificate:

This certificate must be provided on their letterhead indicating conformity to the technical specifications. (Annexure XVIII)



8.10 Price Information

Price information shall not be there in Technical Bid.

8.11 Rates in Figures and Words:

Rates Quoted by the Bidder in tender in figures and words shall be accurately filled in so that there is no discrepancy in the rates written in figures and words. However, if a discrepancy is found, the rates which correspond with the amount worked out by the Bidder shall unless otherwise proved be taken as correct. If the amount of an item is not worked out by the contractor or it does not correspond with the rates written either in figures or in words, then the rates quoted by the Bidder in words shall be taken as correct. Where the rates quoted by the Bidder in figures and in words tally but the amount is not worked out correctly, the rates quoted by the Bidder will unless otherwise proved be taken as correct and not the amount. In event no rate has been quoted for any item(s), leaving space both in figure(s), word(s) and amount blank, it will be presumed that the Bidder has included the cost of this/these item(s) in other items and rate for such item(s) will be considered as zero and work will be required to be executed accordingly.

In the case of any tender where unit rate appear unrealistic, such tender will be considered as unbalanced and in case the tender is unable to provide satisfactory explanation such a tender is liable to be disqualified and rejected.

8.12 Arbitration

- 1) In case of dispute(s) arising between the parties having not been settled amicably the matter shall be settled as per the Arbitration and conciliation Act, 1996 with its amendments from time to time, and accordingly the dispute shall be referred to a Sole Arbitrator to be appointed by the parties whose decision shall be final and binding on both the parties. The fees of the Arbitrator shall be borne by both the parties in equal proportion. The Arbitration and Conciliation Act 1996, the rules hereunder and any statutory modification or re-enactments thereof, shall apply to the arbitration proceedings.
- 2) The Arbitration proceedings shall be held in New Delhi, India. The Arbitration proceeding shall be governed by the substantive laws of India.
- 3) If any of the Arbitrators so appointed dies, resigns, incapacitated or withdraws for any reason from the proceedings, it shall be lawful for the concerned party/ arbitrator to appoint another person in his place in the same manner as aforesaid. Such person shall proceed with the reference from the stage where his predecessor had left if both parties consent for the same; otherwise, he shall proceed de novo.
- 4) The Arbitral Tribunal shall give reasonable award and the same shall be final, conclusive and binding on the parties.

8.13 Non-Disclosure

The firm and their personnel shall not, either during the term or after expiration of this contract, disclose any proprietary or confidential information relating to the services, contract, terms, prices or details of the client's business or operations without the prior written consent of the client.



8.14 Supplier Integrity

The selected Bidder is responsible for and obliged to conduct all contracted activities in accordance with the Contract using state of the art methods and economic principles and exercising all means available to achieve the performance specified in the contract.

8.15 Right to Use Defective Goods

- 1) If after delivery, acceptance and installation and within the guarantee and warranty period, the operation or use of the goods proves to be unsatisfactory, IIM Sirmaur should have the right to continue to operate or use such goods until rectifications of defects, errors or omissions by repair or by partial or complete replacement is made without interfering with IIM Sirmaur's operations.
- 2) Replacement of Goods broken, damaged or short: In the event of any material or part thereof found broken or damaged or received short during transit or during installation or Commissioning or testing at site, before commissioning in service, the suppliers shall replace the same free of cost. However, EdCIL may recover amount equivalent to the cost of such damaged / broken / short, supplied materials and will repay when actual replacement is given.
- 3) Substitution and Wrong Supplies: Unauthorized substitution or materials delivered in error of wrong description or quality or supplied in excess quantity or rejected goods shall be returned to the supplier at their own cost and risk.

8.16 Award of Contract

- 1) EdCIL reserves the right to accept or reject any proposal and to annul the bidding process and reject all proposals at any time prior to award of contract, without thereby incurring any liability to the Bidders. In case of annulment, all proposals submitted and specifically, proposal securities shall be promptly returned to the Bidder.

8.17 Risk Purchase Clause

In the event of failure of supply of the item/equipment within the stipulated delivery schedule, EdCIL has all the right to purchase the item/equipment from any other source on the total risk and cost of the supplier under risk purchase clause.

8.18 Compensation

EdCIL India Limited shall be entitled to deduct from applicable payments to successful BIDDER, any tax on successful BIDDER' income deductible at source at the rates applicable as per the provisions of Income Tax Act 1961. TDS as per GST law or any other applicable statutory deduction also can be made at the time of payment to the successful Bidder and provide successful BIDDER with evidence or certificate of payment of such tax to the taxing authorities. Successful BIDDER shall submit invoices to EdCIL India Limited in accordance with the payment schedule in Commercial of this document.



8.19 Confidential Information

Each Party (the “Receiving Party”) acknowledges and agrees to maintain the confidentiality of Confidential Information (as hereafter defined) provided by the other Party (the “Disclosing Party”) hereunder. The Receiving Party shall not disclose or disseminate the Disclosing Party’s Confidential Information to any person other than those employees, agents, contractors, subcontractors and licensees of the Receiving Party, or its affiliates, who have a need to know it in order to assist the Receiving Party in performing its obligations, or to permit the Receiving Party to exercise its rights under this Agreement.

In addition, the Receiving Party (i) shall take all such steps to prevent unauthorized access to the Disclosing Party’s Confidential Information, as it takes to protect its own confidential or proprietary information of a similar nature, which steps shall in no event be less than a reasonable standard of care, (ii) shall not use the Disclosing Party’s Confidential Information, or authorize other persons or entities to use the Disclosing Party’s Confidential Information, for any purposes other than in connection with performing its obligations or exercising its rights hereunder, and (iii) shall require all persons and entities who are provided access to the Disclosing Party’s Confidential Information, to execute confidentiality or non-disclosure agreements containing provisions substantially similar to those set forth in this Clause.

The provisions of this Clause respecting Confidential Information shall not apply to the extent, but only to the extent, that such Confidential Information is: (a) already known to the Receiving Party free of any restriction at the time it is obtained from the Disclosing Party, (b) subsequently learned from an independent third party free of any restriction and without breach of this provision; (c) is or becomes publicly available through no wrongful act of the Receiving Party or any third party; (d) is independently developed by the Receiving Party without reference to or use of any Confidential Information of the Disclosing Party; or (e) is required to be disclosed pursuant to an applicable law, rule, regulation, government requirement or court order, or the rules of any stock exchange.

Upon the Disclosing Party’s written request at any time, or following the completion or termination of this Agreement, the Receiving Party shall promptly return to the Disclosing Party, or destroy, all Confidential Information of the Disclosing Party provided under or in connection with this Agreement, including all copies, portions and summaries thereof.

8.20 Fall Clause

The Bidder undertakes that the rates quoted by him in the financial bid for each item is not higher than the rate offered by him for similar work to any other PSU/ Educational Department/ Govt. Educational Department in the last 3 months. In case, if the price charged by Bidder is more, EdCIL will have the right to recover the excess price discovered amount from the subsequent/unpaid bill of the supplier, provided all conditions of the work including time, scope, logistics, specifications, and country are same.

8.21 Tender Conditions with Implementation of Insolvency and Bankruptcy Code, 2016 (IBC)

- 1) It shall be the responsibility of all Bidders to inform EdCIL within 15 days from the date of order of insolvency resolution process or liquidation or bankruptcy proceeding passed



by the Adjudicating Authority namely, National Company Law Tribunal (NCLT) or Debt Recovery Tribunal (DRT) under the Code.

- 2) If a Bidder refuses or fails to share the information regarding their status of insolvency resolution process or liquidation or bankruptcy proceeding in their bid or at any later stage, their offer is liable to be rejected by EdCIL.
- 3) EdCIL reserves the right to cancel/terminate the contract without any liability on the part of EdCIL immediately on the commencement of insolvency resolution process or liquidation or bankruptcy proceeding of any party under the contract.
- 4) EdCIL reserves its right to evaluate and finalize the bid without considering the bid of any party undergoing insolvency resolution process or liquidation or bankruptcy proceeding under the Code regardless of the stage of tendering.
- 5) A declaration / undertaking shall be submitted by Bidders in the Format (as per ANNEXURE) along with their techno commercial bids.

8.22 Guidelines for Evaluation & Short closure:

- 1) After opening of price bid but before award, if a Bidder(s) is(are) rejected due to initiation of insolvency resolution process or liquidation or bankruptcy proceeding under Insolvency and Bankruptcy Code, 2016 (Code), tender will be finalized ignoring such bid(s).
- 2) During execution of contract, if insolvency resolution process or liquidation or bankruptcy proceeding under Insolvency and Bankruptcy Code, 2016 (Code) are initiated against the successful Bidder, EdCIL shall have the right to short close the contract.

8.23 Tripartite Agreement:

The successful bidder shall be required to sign a tripartite agreement on a 100/- rupee non judicial stamp paper as detailed in Annexure-XXIV, to be signed by EdCIL and IIM Sirmaur, too, before award of work. This will become a part of the contract.



ANNEXURE-I

Technical Compliance Declaration Sheet

We hereby confirm that we are complying with the technical specifications as specified in the tender document and the offer is submitted in accordance with the technical requirements. All relevant documents in support of our claims are enclosed at the following pages:

Signature of Bidder: _____

Name of Bidder: _____

Designation: _____

Organization Name: _____

Contact No.: _____

Email: _____

Mobile: _____

**ANNEXURE-II**<< **Organization Letter Head** >>**DECLARATION SHEET**

We _____ hereby certify that all the information and data furnished by our organization with regard to this tender specification are true and complete to the best of our knowledge. I have gone through the specifications, conditions and stipulations in detail and agree to comply with the requirements and intent of specification.

We further certify that our organization meets all the conditions of eligibility criteria laid down in this tender document. Moreover, we will support the project on a regular basis with technology / product updates and extend support for the warranty.

We further specifically certify that our organization has not been Blacklisted/ De Listed or put to any Holiday by any Institutional Agency/ Govt. Department/ Public Sector Undertaking in the last three years.	NAME & ADDRESS of the VENDOR/ MANUFACTURER/ AGENT
1 Phone	
2 Fax	
3 E-mail	
4 Contact Person Name	
5 Mobile Number	
6 TIN Number	
7 PAN Number	
(In case of on-line payment of Tender Fees)	
8 UTR No. (For Tender Fee)	
(In case of on-line payment of EMD)	
9 UTR No. (For EMD)	
10 Kindly provide bank details of the Bidder in the following format:	
a) Name of the Bank	
b) Account Number	
c) Kindly attach scanned copy of one Cheque book page to enable us to return the EMD to unsuccessful Bidder	

(Signature of the Bidder)**Name:** _____**Seal of the Company**



ANNEXURE III

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,

SUBJECT- Selection of System Integrator for Supplying, Installation, Testing & Commissioning of Audio, Video and Conferencing Equipment at Permanent Campus of IIM Sirmaur, Rampur Ghat Road, Paonta Sahib

This bears reference to EdCIL Bid No. **EdCIL/DES/IIMS/AV/2023/01** Dated 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,

Signature of Bidder: _____

Name of the Bidder _____

Designation _____

Seal of the Organization _____

Date:

Place:



ANNEXURE IV

SELF-DECLARATION – NON-BLACKLISTING

To,

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

Sir,

In response to the Tender _____ dated _____ for **Selection of System Integrator for Supplying, Installation, Testing & Commissioning of Audio, Video and Conferencing Equipment at Permanent Campus of IIM Sirmaur, Rampur Ghat Road, Paonta Sahib**, I/We hereby declare that presently our Company/Service provider M/s _____ is having unblemished record and is not blacklisted for corrupt or fraudulent practices or non-performance either indefinitely or for a particular period of time by any State/ Central Government/PSU/Autonomous Body on the date of bid submission.

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

Thanking you,
Yours faithfully,

Signature of Bidder
Name of the Bidder:

Designation:

Seal of the Organization:

Date:
Place:

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).

**ANNEXURE V****Annual Average Turnover**

Sl. No.	Financial Year			
1.	2020-21			
2.	2021-22			
3.	2022-23			
Total				
Average				

Note: Certificate from Statutory Auditors / Chartered Accountant certifying above information for all three years to be enclosed.

Signature with Seal of the Chartered Accountant

Signature with Seal of the Bidder



ANNEXURE-VI

**PROFORMA 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 the 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 rights or remedies (including holiday listing) available to EdCIL (India) Ltd.

Place:

Date:

Signature of Bidder:

Name of Signatory:



Annexure VII

List of Audio, Video and Conferencing Equipment projects in the last seven financial years

List of Audio, Video and Conferencing Equipment projects for whom the Bidder has undertaken such work during last seven years (must be supported with work orders)

S. No	Name of the Client with address	Name of the Project and brief description	Value (Exc Tax)	Date of award	Date of Completion	Current Status and duration of maintenance period for ongoing project	Name of Contact Person and other details
1.							
2.							
3.							
4.							
5.							
6.							
7							
8							

Signature of Bidder

Name: _____

Designation: _____

Organization Name: _____

Contact No. : _____



ANNEXURE-VIII

Power of Attorney

Know all men by these presents, we..... (Name of firm and address of the registered office) do hereby constitute, nominate, appoint and authorize Mr./Ms..... son/daughter/wife of and presently residing at....., who is presently employed with /retained by us and holding position of.....as our true and lawful attorney.

(hereinafter referred to as the “Authorized Representative”) to do in our name and on our behalf, all such acts, deeds and things are as necessary or required in connection with or incidental to submission of our proposal for and selection as the <project title> for the <name of the client> (EdCIL).....project, proposed to be developed by the..... (the “client” (EdCIL)) including but not limited to signing and submission of all applications, proposals and other documents and writings, participating in pre bid and other conferences and providing information /responses to the client, representing us in all matters before the Client (EdCIL), signing and execution of all contracts and undertakings consequent to acceptance of our proposal and generally dealing with the client (EdCIL) in all matter in connection with or relating to or arising out of our Proposal for the said project /or upon award thereof to us till the entering into of the Agreement with the client (EdCIL).

AND, we do hereby agree to ratify and confirm all acts, deeds and things lawful done or caused to be done by our said Authorized Representative pursuant to and in exercise of the powers conferred by this power and Attorney and that all acts, and things done by our said Authorized Representative in exercise of the powers hereby conferred shall and shall always be deemed to have been done by us.

[IN WITNESS WHEREOF WE.....THE ABOVE-NAMED PRINCIPAL HAVE EXECUTED THIS POWER OF ATTORNEY ON

THIS DAY OF2023.

For (Name and registered address of client (EdCIL)

(Signature, name, designation, and address)



Witness:

1. (Signature, name and address)

2. (Signature, name and address)

Notarized

Accepted

.....

(Signature, name, designation, and address of the attorney)

Notes:

1. The mode of the execution of the power of Attorney shall be in accordance with the procedure, if any, lay down by the applicable law and the charter documents of the executants (s) and when it is so required the same should be under seal affixed in accordance with the required procedure.

2. Wherever required, the applicant should be submitted for verification the extract of the charter documents and other documents such as a resolution/Power of Attorney in favor of the person executing this Power of Attorney for delegation of power hereunder on behalf of the applicant.



ANNEXURE-IX

LETTER OF BID SUBMISSION

To

Chief General Manager (DES),
EdCIL (India) Limited,
EdCIL House, 18A, Sector- 16A,
NOIDA- 201 301 (U.P)

SUBJECT- Selection of System Integrator for Supplying, Installation, Testing & Commissioning of Audio, Video and Conferencing Equipment at Permanent Campus of IIM Sirmaur, Rampur Ghat Road, Paonta Sahib

-Submission of Bid -

Sir,

Having examined the details given in Press Notice, Notice Inviting Bid & Bid Document for the above work, I/we hereby submit the relevant information.

1. I/We hereby certify that all the statements made, and information supplied in the enclosed form _____ and accompanying statements are true and correct.
2. I/ we certify that we have not changed/alterd any word/sentence or any figure in number/s or words appearing the original tender document uploaded by EdCIL on the designated web page for e-tendering. In case, if a fraudulent activity is found at any stage between tender submission to final closure of the tender/contract, our candidature/bid/contract shall be immediately cancelled and EMD/Performance bank guarantee along with the due amount towards the work executed or advance shall be forfeited. EdCIL will not entertain any claim or entertain any reason for this intentional act. EdCIL may go for legal action against the Bidder for recovering any one or all damages caused to EdCIL or its client on this account.
3. I/We have furnished all information and details necessary for eligibility and have no further pertinent information to supply.
4. I/We submit the requisite **certified solvency certificate** and authorize the EdCIL to approach the Bank issuing the solvency certificate to confirm the correctness thereof. I/We also authorize EdCIL to approach individuals, employers, firms and corporations to verify our competency and general reputation.
5. I/We submit the following **certificates** in support of our suitability, technical knowledge and capability for having successfully completed the following works:



S.no.	Name of Work	Certificate From

6. Earnest Money Deposit amounting to Rs. ----- in the form of DD/Pay Order No. ----- Dated ----- issued by ----- Bank is submitted.
7. Demand Draft of Rs. _____ towards Bid document cost: If applicable.
8. We confirm that each page of our submission including all supporting documents bears signature with date, name of the signatory, designation of the signatory and company seal.

Enclosures:

Date of Submission :

Signature of Bidder:

Name of the Bidder:

Designation:

Seal of the Organization:

Date:

Place:



ANNEXURE – X

Bank Guarantee towards Bid Security (EMD)

Bank Guarantee No. _____

To,

**EdCIL (India) Limited
EdCIL House, 18 A,
Sector-16 A NOIDA– 201301 (U.P.), India**

Whereas..... (herein after called "the Bidder") has submitted its Bid dated(Date) in response to the RFP No: for **Selection of System Integrator for Supplying, Installation, Testing & Commissioning of Audio, Video and Conferencing Equipment at Permanent Campus of IIM Sirmaur, Rampur Ghat Road, Paonta Sahib** (here in after called "the Bid")

KNOW ALL MEN by these presents that We having 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:
 - a. fails or refuses to execute the Agreement form if required; or
 - b. fails or refuses to furnish the performance bank guarantee, 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-----

**Annexure XI**

Name of the Bank: _____

To**IIM Sirmaur****Performance Bank Guarantee Format**

In consideration of the **IIM Sirmaur**, through _____ (Designation & address of Contract Signing Authority), (hereinafter called “IIM Sirmaur”) having agreed under the terms and conditions of agreement/ Contract Acceptance letter No. _____

Dt: _____ Made between _____ (Designation & address of contract signing Authority) and _____ (here in after called “the said Agency” for the work _____ (here in after called “the said agreement”) having agreed for submission of a irrevocable Bank Guarantee Bond for ₹ _____ (₹ _____ only) as a performance bank Guarantee from the Agency for compliance of his obligations in accordance with the terms & conditions in the said agreement.

1. We _____ (Indicate the name of the Bank) hereinafter referred to as the Bank, undertake to pay to the IIM Sirmaur an amount not exceeding ₹ _____ (₹ _____ only) on demand by the IIM Sirmaur.
2. We _____ (Indicate the name of the bank, further agree that (and promise) to pay the amounts due and payable under this guarantee without any demur merely on a demand from IIM Sirmaur through the **IIM Sirmaur** or _____ (Designation & Address of contract signing authority), stating that the amount claimed is due by way of loss or damage caused to or would be caused or suffered by the IIM Sirmaur by reason of any breach by the said Agency of any of the terms of conditions contained in the said agreement or by reason of the Agency failure to perform the said agreement. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding ₹ _____ (₹ _____ only).
3. (A) We _____ (indicate the name of Bank) further undertake to pay to IIM Sirmaur any money so demanded notwithstanding any dispute or dispute raised by the Agency in any suite or proceeding pending before any court or Tribunal relating to liability under this present being absolute and unequivocal.



(B) The payment so made by us under this Performance Guarantee shall be a valid discharge of our liability for payment there under and the Agency shall have no claim against us for making such payment.

4. We _____ (Indicate the name of bank) to further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the IIM Sirmaur under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged by _____

(Designation & Address of contract signing authority) on behalf of IIM Sirmaur, certify that the terms and conditions of the said agreement have been fully and properly carried out by the said Agency and accordingly discharges this guarantee.

- 5 (a) Notwithstanding anything to the contrary contained herein the liability of the bank under this guarantee will remain in force and effect until such time as this guarantee is discharged in writing by the IIM Sirmaur or until (date of validity/ extended validity) whichever is earlier and no claim shall be valid under this guarantee unless notice in writing thereof is given by the IIM Sirmaur within validity/ extended period of validity of guarantee from the date aforesaid.

(b) Provided always that we _____ (indicate the name of the Bank) unconditionally undertakes to renew this guarantee or to extend the period of guarantee form year to year before the expiry of the period or the extended period of the guarantee, as the case shall be on being called upon to do so by the IIM Sirmaur. If the guarantee is not renewed or the period extended on demand, we _____ (indicate the name of the Bank) shall pay IIM Sirmaur the full amount of guarantee on demand and without demur.

6. We _____ (indicate the name of Bank) further agree with the IIM Sirmaur that the IIM Sirmaur shall have the fullest liberty without our consent and without effecting in any manner out of obligations hereunder to vary any of the terms and conditions of the said contract from time to time or to postpone for any time or from time to time any to the powers exercisable by IIM Sirmaur against the said Agency and to forbear or enforce any of the terms and conditions of the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Agency or any forbearance act or omission on the part of the IIM Sirmaur or any indulgence by the IIM Sirmaur to the said Agency or any other matter or thing whatsoever which under the law relating to sureties would but for the said provision would relive us from the liability.



7. This guarantee will not be discharged by any change in the constitution of the Bank or the Agency.
8. We, _____ (indicate the name of the Bank) lastly undertake not to revoke this guarantee except with the previous consent of the IIM Sirmaur in writing.
9. This guarantee shall be valid up to (Date of Completion plus 90 Days). Unless extended on demand by IIM Sirmaur. Notwithstanding anything to the contrary contained hereinbefore, our liability under this guarantee is restricted to Rs..... (Rs..... only) unless a demand under this guarantee is made on us in writing on or before..... We shall be discharged from our liabilities under this guarantee thereafter.

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.			



ANNEXURE-XII

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 2023, 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 Administrative 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 System Integrator for Supplying, Installation, Testing & Commissioning of Audio, Video and Conferencing Equipment at Permanent Campus of IIM Sirmaur, Rampur Ghat Road, Paonta Sahib”**.

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/IIMS/AV/2023/01** Dated 2023.

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/IIMS/AV/2023/01** dated2023 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

- 1.1 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, favour 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.
 - 1.2 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.
 - 1.3 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:



- 3.1** 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.
- 3.2** 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.
- 3.3** Bidders shall disclose the name and address of agents and representatives and Indian Bidders shall disclose their foreign principals or associates.
- 3.4** Bidders shall disclose the payments to be made by them to agents/brokers or any other intermediary, in connection with this bid/contract.
- 3.5** 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.
- 3.6** 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.
- 3.7** 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.



- 3.8** The Bidder will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.
- 3.9** 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.
- 3.10** The Bidder commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.
- 3.11** The Bidder shall not instigate or cause to instigate any third person to commit any of the actions mentioned above.
- 3.12** 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.
- 3.13** 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 EdCIL.

4. PREVIOUS TRANSGRESSION

- 4.1** 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.
- 4.2** 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

- 5.1** While submitting technical bid, the Bidder shall deposit EMD in form of Bank Guarantee from a Scheduled Commercial Bank in India/ Demand Draft in favour of EdCIL (India) Limited, payable at Noida or Scanned copy of NEFT or RTGS payment receipt (UTR number).
- 5.2** 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.

5.3 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.

5.4 No interest shall be payable by EdCIL to the Bidder on Earnest Money Deposit for the period of its currency.

6. SANCTIONS FOR VIOLATIONS

6.1 Any breach of the aforesaid provisions by the Bidder or anyone 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, if furnished by the Bidder, in order to recover the payments already made by 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 EdCIL resulting from such cancellation/rescission and 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 EdCIL with the Bidder, the same shall not be opened.
- ix. Forfeiture by way of encashment of Performance bank guarantee in case of a decision by the EdCIL to forfeit the same without assigning any reason for imposing sanction for violation of this Pact.

6.2 The EdCIL will be entitled to take all or any of the actions mentioned at Para 6.1(i) to (ix) 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.

6.3 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

- 1) The validity of this Integrity Pact shall be governed by the terms of the Bid No. EdCIL/DES/IIMS/AV/2023/01 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 the 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.
- 2) 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 :

Designation:

CHIEF ADMINISTRATIVE OFFICER

Witness:

Witness:

1. _____

1. _____

2. _____

2. _____

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



Annexure XIII

Original Equipment Manufacturer (OEM) Authorization Form (General Proforma)

No. _____ dated _____

To

Dear Sir/Madam:

Bid No. _____

We _____ who are established and reputed manufacturer of _____ (name and description of goods offered) having factories at _____ (address of factory) with factory registration no. _____ do hereby authorize M/s _____ (Name and address of Agent) to submit a bid, and sign the contract with you for the goods manufactured by us against the above bid.

We hereby extend our full warranty as per the required conditions of Contracts, for the goods and services offered for supply by the above firm against this Invitation for Bid. We further certify that we shall support vendor with all related spares and maintenance during the entire contract period including the period of warranty as per tender and we also declare that the product proposed in this contract will not be end of life till the contract period.

We also certify that the proposed products meet the technical & functional requirements & also products quoted are of the latest version (the release date should not be more than one year).

Yours faithfully,

(Name): _____

(Name of manufacturers): _____

Note: This letter of authority should be on the letterhead of the manufacturer or OEM and should be signed by a person competent and having the power of attorney to legally bind the manufacturer.

**Annexure XIV****Tender Checklist**

S No.	Documents Required	Supporting Document	Page No.
1	Work Orders + Satisfactory Certificate of Completion For MSME's- NSIC/ MSME certificate.		
2	The Bidder shall furnish an Undertaking of Non-Blacklisting duly attested by notary on a non-judicial stamp paper of value INR 100/- (Rupees One Hundred Only) as per Annexure IV		
3	A written undertaking by manufacturer (OEM) should be submitted as per Annexure XIII		
4	Power of attorney shall be submitted in prescribed format on non-Judicial stamp paper as per Annexure VIII		
5	Technical Compliance as per Annexure-I		
6	Organization Declaration Sheet as per Annexure-II		
7	Letter of Undertaking as per Annexure-III		
8	Annual Average Turnover as per Annexure-V		
9	Proforma for declaration on proceedings under insolvency and bankruptcy code, 2016 as per ANNEXURE- VI		



10	List of Audio, Video and Conferencing Equipment projects in the last seven financial years as per Annexure VII		
11	Letter of Bid Submission as per Annexure IX		
12	Earnest Money Deposit as per Annexure X		
13	Proforma pre contract integrity pact Annexure XII		
14	Tender Checklist as per Annexure XIV		
15	Equipment Specification Compliance as per Annexure- XVIII		
16	Solvency certificate for minimum value of Rs. 3.2 Crore; not more than 6 months old as per Annexure XXI		
17	Undertaking from Bidder for Land Border as per Annexure XXII		
18	Declaration/Undertaking as per Annexure XXIII		
19	Financial bid submission form as per ANNEXURE- XX and Price bid as per Bid Forms (Form-I)		

**Annexure XV****Contract Form**

THIS AGREEMENT made the day of 2023 between..... EdCIL (Hereinafter called "the Purchaser") of the one-part and..... (Name & address of Supplier) (Hereinafter called "the Supplier") of the other part:

WHEREAS the Purchase is desirous that certain Goods and ancillary services viz. (Brief Description of Goods and Services) and has accepted a bid by the Supplier for the supply of those goods and services in the sum of..... (Contract Prize in words and Figures) (Hereinafter called "the Contract Price")

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall be deemed to form and be read and constructed as part of this Agreement, viz.,
 - a. The Price Schedule submitted by the Bidder;
 - b. The Schedule of Requirements;
 - c. The Terms & Conditions
 - d. The EdCIL's Notification of Award/ Work Order
3. In consideration of the payments to be made by the EdCIL to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the EdCIL to provide the goods and services and to remedy defects herein in conformity in all respects with the provisions of the Contract.
4. The EdCIL hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contact prices or such other sum as shall become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

Brief particulars of the goods and services, which shall be supplied/ provided by the Supplier, are as under:

S. No.	Brief Description of Goods & Services	Quantity to be supplied	Unit Price	Total Price	Delivery Terms



TOTAL VALUE:

DELIVERY SCHEDULE:

IN WITNESS where of the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, Sealed and Delivered by the said..... (For the EdCIL)

in the presence of.....

Signed, Sealed and Delivered by the said..... (For the Supplier)

in the presence of.....

**Annexure XVI****Pre-Bid Query Format**

Pre-bid queries should be submitted in .XLS format.

RFP Description				
RFP No.				
Organization				
Address				
Contact Person				
Contact No.				
Mail Id				
S.no.	Chapter No.	Page No.	Clause as per RFP	Clarification Sought

**Annexure XVII****INSTALLATION CERTIFICATE**

The following goods/equipment, supplied by the Supplier at IIM Sirmaur have been successfully installed and commissioned by the Supplier.

Sl. No.	Description of Equipment	Serial No of Device(Wherever possible)	Make	Model	Quantity
1					

Note: 1. In case of need, a fresh form on these lines shall be prepared & issued by EdCIL.

Remarks:**Signature of Supplier or its representative**

Name: _____

Designation: _____

Date: _____

Rubber Seal: _____

Signature of IIM Sirmaur

Name: _____

Designation: _____

Date: _____

Rubber Seal of the institution

Verified by EdCIL representative.

Signature: _____

Name: _____

Designation: _____

Date: _____



Annexure XVIII

Equipment Specification and Compliance

1. Detailed Technical Specifications

1.1 Video Conferencing

Video Conferencing System		
S. No.	Technical Parameters	Compliance (Yes/No)
1	Video conference room solution having internal / external speaker, Camera & Mic and supports online UC applications	
2	Should have speaker of 10 W+ & Frequency Response: 90 Hz to 18 kHz atleast & Microphones with 360° quad mic array and Pickup Range 15ft+, 1x extra Mic of Pickup Range 15ft+ typical, 360°.	
3	Should have in-built acoustic echo cancellation and dynamic noise reduction	
4	Should have multi-touch Screen of minimum 7-inch screen	
5	Should have ethernet port supporting Dual-port 100 Mbps, security and management like IEEE 802.1X, LDAP, SSL, TLS, SSH, SFTP, HTTPS	
6	Should have internal or external camera having Framing, with atleast 100° diagonal FOV in 1080p video resolution, advanced video processing to ensure a clear video image free from light or noise	
7	Should have in-built wireless presentation system or an external wireless presentation system to be provided	
8	Should be CE, UL, RoHS compliant	

65 Inch UHD 4K Display		
S. No.	Technical Parameters	Compliance (Yes/No)
1	65" Commercial grade smart display with built in Android/ Tizen or similar OS, Native resolution 4k UHD 3840x2160, brightness of atleast 350 cd./sq.m or higher, 3 HDMI , 2 USB, Audio Out with inbuilt quadcore / crystal / mali, lifespan of minimum 30,000 to 50,000 hours, Built-in WiFi, Built- in Bluetooth, atleast 10W + 10 W speakers, remote management	

TX and RX for HDMI extender		
S. No.	Technical Parameters	Compliance (Yes/No)
1	Transmitter & Receiver pair for 4096x2160 60 Hz 4:4:4, RS-232,	



	and IR Signal Extension over CAT Cable upto atleast 40m.	
2	Should support video resolution 4096x2160 60 Hz 4:4:4 HDR10 and Dolby Vision® or similar video formats.	
3	Should support audio formats Dolby Digital Plus, Dolby® TrueHD, Dolby Atmos®, DTS HD® High Res, DTS-HD Master Audio, and LPCM up to 8 channels	
4	Should support HDCP 2.3	
5	Should pass EDID and CEC	
6	Should comply to CE	

1:4 HDMI Splitter		
S. No.	Technical Parameters	Compliance (Yes/No)
1	4K 60 4:4:4 Splitter, single input to feed four separate output devices.	
2	Should handle Input video signals upto 4096x2160 60 Hz 4:4:4 and support HDCP2.2, HDR10, 3D, Deep Color, and high-bitrate 7.1 audio.	
3	Should also pass Dolby Digital®, Dolby Digital EX, Dolby Digital Plus, Dolby TrueHD, Dolby Atmos, DTS®, DTS HD Master Audio, LPCM up to 8 channels audio signals through the HDMI input to all the outputs.	
4	Should comply to CE, UL, FCC.	

43 Inch UHD 4K Display		
S. No.	Technical Parameters	Compliance (Yes/No)
1	43" Commercial grade smart display with built in Android/ Tizen or similar OS, Native resolution 4k UHD 3840x2160, brightness of atleast 350 cd./sq.m, 3 HDMI , 2 USB, Audio Out with inbuilt quadcore / crystal / mali, lifespan of minimum 30,000 to 50,000 hours, Built-in WiFi, Built- in Bluetooth, atleast 10W + 10 W speakers, remote management	

1.2 Lecture-room AV systems

Technical Specification Classroom Laser light 6000 ANSI Lumens Projector

S. No	Specifications	Compliance
1	Projection System: DLP/3LCD, DMD size: 0.48" or higher for DLP	
2	Laser light source - Brightness (ANSI lumens): 6000	
3	Big zoom & Lens shift 360-degree and remote-control ID setting	
4	Native Resolution: WUXGA (1920x1200; Native Aspect	



	Ratio: 16:10	
5	Contrast Ratio (FOFO): 3,000,000:1	
6	Selectable Aspect Ratio: 16:10,16:9,4:3 Auto, Real	
7	Display Color: 30-bit (1.07 billion colors)	
8	Laser Light Source Life: at least 20,000 hrs	
9	Throw Ratio: 1.36 or better; Zoom Ratio:1.5x or better	
10	Projection Offset (Full-Height): 0%; Keystone Adjustment: 2D, Vertical \pm 30 degrees; Horizontal \pm 30 degrees	
11	Lens Shift Vertical: Vertical: -60%~ +60% Horizontal: -23%~ +23%	
12	Resolution Support: VGA(640 x 480) to WUXGA_RB(1920 x 1200)	
13	Speaker: 10W or higher	
14	Input Lag: 34 ms (1080p@60Hz)	
15	HDTV \compatible	
16	Interfaces: PC, Video, Monitor, HDMI, LAN, USB	
17	Operating Temperature – up to 40 Degrees	
18	Power Supply AC 100 to 240 V	

Technical Specification Classroom Laser light 5000 ANSI Lumens Projector

S. No	Specifications	Compliance
1	Projection System: DLP/3LCD, DMD size: 0.48" or higher for DLP	
2	Laser light source - Brightness (ANSI lumens): 5000	
3	Big zoom & Lens shift 360-degree and remote control ID setting	
4	Native Resolution: WUXGA (1920x1200; Native Aspect Ratio: 16:10	
5	Contrast Ratio (FOFO): 3,000,000:1	
6	Selectable Aspect Ratio: 16:10,16:9,4:3 Auto, Real	
7	Display Color: 30-bit (1.07 billion colors)	
8	Laser Light Source Life: at least 20,000 hrs	
9	Throw Ratio: 1.36 or better; Zoom Ratio:1.5x or better	
10	Projection Offset (Full-Height): 0%; Keystone Adjustment: 2D, Vertical \pm 30 degrees; Horizontal \pm 30 degrees	
11	Lens Shift Vertical: Vertical: -60%~ +60% Horizontal: -23%~ +23%	



12	Resolution Support: VGA(640 x 480) to WUXGA_RB(1920 x 1200)	
13	Speaker: 10W or higher	
14	Input Lag: 34 ms (1080p@60Hz)	
15	HDTV compatible	
16	Interfaces: PC, Video, Monitor, HDMI, LAN, USB	
17	Operating Temperature – up to 40 Degrees	
18	Power Supply AC 100 to 240 V	

Technical Specification Classroom Laser light 4000 ANSI Lumens Projector

S.No	Specifications	Compliance
1	Projection System: DLP/3LCD, DMD size: 0.48" or higher for DLP	
2	Laser light source - Brightness (ANSI lumens): 4000	
3	Big zoom & Lens shift 360-degree	
4	Native Resolution: WUXGA (1920x1200; Native Aspect Ratio: 16:10	
5	Contrast Ratio (FOFO): 3,000,000:1	
6	Display Color: 30-bit (1.07 billion colors)	
7	Laser Light Source Life: at least 20,000 hrs	
8	Throw Ratio: 1.36 or better; Zoom Ratio:1.3x or better	
9	Projection Offset (Full-Height): 100%; Keystone Adjustment: 2D, Vertical \pm 30 degrees; Horizontal \pm 30 degrees	
10	Resolution Support: VGA(640 x 480) to WUXGA_RB(1920 x 1200)	
11	Speaker: 10W or higher	
12	Input Lag: 34 ms (1080p@60Hz)	
13	Interfaces: PC, Video, Monitor, HDMI, LAN, USB	
14	Operating Temperature – up to 40 Degrees	
15	Power Supply AC 100 to 240 V	

Technical Specification for Multiview, Recording and live streaming Solution

S.No	Specifications	Compliance
1	Recording & Webcasting Hardware, Recording, streaming and Web casting simultaneously, media processor that allows you to record and create live streaming by mixing, encoding, and switching up to 4 HDMI or 3 IP video sources, and 4 audio sources.	
2	Flexible scaling and window processing, supports PIP, PBP	



	and up to 4 windows layout and mixing	
3	Supports HDMI-embedded audio or analog stereo audio with 4 channels Audio Input mixing and gain control, Should have Built-in 1TB HDD storage atleast	
4	Supports 1080p 60/30fps recording	
5	Flexible scaling and window processing, supports PIP, PBP and up to 4 windows layout and mixing	
6	File type Mp4 and JPEG supported	

Technical Specification for Encoder

S.No	Specifications	Compliance
1	<ul style="list-style-type: none"> 4096x2160p@60 Hz 4:2:0 or better Video over 1Gbps Ethernet Encoder with atleast 2 x HDMI Display port Inputs, 1 x RJ-45 or SFP Outputs, and stand alone with PoE Embedded 7.1 digital audio or balanced/unbalanced analog audio & Control at least 1x RJ45/LAN, 1 x IR, 1 RS-232 supporting transmission of HDCP2.2 and EDID management, Analog-To-Digital Conversion: 48KHz, Bandwidth: 10/100/1000 Mbps, Others: auto negotiating, auto-sensing, full/half duplex, DHCP, Auto IP, and Static IP ethernet port, Dolby etc Power, status LED controls and indicators on front panel complete as required. Enterprise-grade security including 802.1X, Active Directory® credential management. Should comply to CE 	

Technical Specification for Decoder

S.No	Specifications	Compliance
1	<ul style="list-style-type: none"> 4096x2160p@60 Hz 4:2:0 Video over 1Gbps Ethernet Decoder with inbuilt scaling, 1 x RJ-45 or SFP Inputs, 1 x HDMI Outputs, and stand alone with PoE Embedded 7.1 digital audio & Control at least 1x RJ45/LAN, 1 x IR, 1 RS-232 supporting transmission of HDCP2.2 and EDID management. Analog-To- Digital Conversion: 48KHz, 	



	<ul style="list-style-type: none"> • Bandwidth: 10/100/1000 Mbps • Others: auto negotiating, auto-sensing, full/half duplex, DHCP, Auto IP, and Static IP ethernet port. • Power, status LED controls and indicators on front panel complete as required. • Enterprise-grade security including 802.1X, Active Directory® credential management. • Should comply to CE. 	
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Technical Specification for Motorized Projection screen

S.No	Specifications	Compliance
1	Matt white Finish, 16:10 Aspect Ratio with Built in Low voltage relay Control and with tubular motor tubular motor	

Technical Specification for Speakers (200W) for classroom

S.No	Specifications	Compliance
1	line Array Column Loudspeaker with 200W Power, Built-in 70V/100V transformer	
2	Frequency Range: atleast 90 Hz – 20 kHz or better	
3	Coverage Atleast: Vertical: 40°, Horizontal 150°	
3	Sensitivity (@ 1m) : 95 dB or better, Max SPL : atleast 115dB Peak or higher	
4	Power: continuous 200W and 1000W plus at peak	
5	Enclosure: Fiberglass / ABS / PVC cabinet	

Technical Specification for Speakers (100W) for classroom

S.No	Specifications	Compliance
1	line Array Column Loudspeaker with 200W Power, Built-in 70V/100V transformer	
2	Frequency Range: atleast 90 Hz – 20 kHz or better	
3	Coverage Atleast: Vertical: 20°, Horizontal 150°	
3	Sensitivity (@ 1m): 92 dB or better	
4	Power: continuous 200W and atleast 600W at peak	
5	Enclosure: Fiberglass / ABS / PVC cabinet	



Technical Specification for Amplifier for classroom

S.No	Specifications	Compliance
1	Four Channel Class D Power Amplifier with inbuilt DSP 120W@4 Ohms	
2	Each output channel should be capable of providing either 70V or 100V for high impedance applications	
3	Frequency Response atleast (50Hz - 20kHz)	
4	Signal to Noise Ratio: minimum 100db or better	
5	Total Harmonic Distortion (at full power and complete frequency range): < 0.35%	

Technical Specification for DSP for classroom

S.No	Specifications	Compliance
1	12 x 8 Networked Dante Digital Signal Processor with Acoustic Echo Cancellation (AEC)	
2	Frequency Response: 20Hz to 20KHz	
3	THD: <0.01%	
4	48V phantom power	
5	Crosstalk: <-75dB	
6	Support Ethernet connection for programming and control	
7	Should have 1nos of RS 232 port for integration with control System	
8	Should have the LED in front providing device power, digital audio cannel bus, 8x8 USB interface to PC etc	

Technical Specification for CEILING ARRAY MICROPHONE

S.No	Specifications	Compliance
1	The Ceiling mic should be easily mountable on any kind on ceiling with the least visible intrusion and effect to aesthetics.	
2	The ceiling mic should offer ease of connection for setup and maintenance. It is desired that the mic supports Ethernet based technologies like PoE and Dante for easy and efficient audio routing.	
3	The Ceiling mic should support highly directional speech pickup from individual talkers in the room. 1 mic should be able to cover minimum 30x30 Feet.	
4	Atleast 3 talkers around the room should be covered simultaneously. Talker coverage should be customisable and switchable as per the seating layout	
5	The microphone should be programmable to enable maximum noise rejection from areas in the room with unwanted noise.	



6	The Ceiling mic should be able to efficiently support voice lift & Sound reinforcement to aid the farthest listener within the room.	
7	The Ceiling Mic should support easy and robust integration with industry leading Video Conferencing systems, Sound processors and Room Control applications.	
8	The Product should be certified to work with Industry standard Video conferencing solutions	
9	It should seamlessly support speech-based talker tracking with third party camera control solutions.	
10	The solution should include 3 mute controls on the table/wall in the room and mounting bracket from same manufacturer.	
11	Signal to Noise Ratio: 75 dB, Max SPL : 95dB or more UL Listed	
12	LED Status Indicator – On/Off, Mute/Unmute	
13	Self-Noise – 19 dB or less	
14	Dust protection: atleast IEC 60529 IP5X Dust Protected	
15	In-built DSP or compatible with third party DSP with automatic mixing, noise reduction, gain, AEC, AGC, compressor delay, mute functionality or support any other make DSP for seamless functioning.	
16	Sensitivity: atleast -1.74 dBFS/Pa Latency: 16 ms or less Frequency Response: 160Hz – 18KHz	

Technical Specification for Touch screen at Professor Desk Equipment

S.No	Specifications	Compliance
1	Screen Size 23.8 (±1) inch, Aspect ratio 16:9, Resolution 1920X1080, Brightness 210cd/ m ² or More, Electromagnetic technology, Connectivity: 1xUSB 3.0 for Touch Interface, 1xDVI for video & 1xPower with adapter, 2048 levels of pressure sensitivity, IPS Display & 4 Express Keys, support Windows 10 / 8.1 / 7 (32-bit, 64-bit) Mac OSX 10.11 or later, The rechargeable pen / Pen with battery nibs, pen holder	

Technical Specification for Tablet at Professor Desk Equipment

S.No	Specifications	Compliance
1	10-inch or similar display size with 1280 x 800 pixels resolution, Aspect ratio of 16:10/16:9	
2	Should support H.264 and MJPEG formats streaming video.	
3	TFT active-matrix color LCD or LED screen with brightness 350 nits or higher	
4	viewing angle of minimum ±80° horizontal, ±80° vertical or better	



5	Built-in speaker	
6	At least 2GB of RAM	
7	built-in proximity sensor for wakeup of screen	
8	Should be supplied with PoE Injector	
9	Should have Wi Fi® for network connectivity and communication	

Technical Specification for Cable Cubby at Professor Desk Equipment

S.No	Specifications	Compliance
1	Sleek rectangular Cable access enclosure for AV connectivity with following specification including termination etc complete as required. a) 2x multi-Region AC power b) 2x USB Outlets for charging Mobile devices c) Retractable 2 x HDMI, and 1x LAN connectivity,	

Technical Specification of Thin client solution

S.No	Specifications	Compliance
1	Latest Intel(R) quad core / Celeron / AMD / Teradici processor or similar	
2	Windows 10 or latest	
3	Memory 64 GB flash, at least 8 GB RAM for optimum performance on Windows 10	
4	At least 4 USB port, Network Ports, HDMI ports for monitor	
5	Support Windows 10 IOT Enterprise	
6	Monitor 21"	
7	Operating system: Windows 10 IOT Enterprise	
8	USB Keyboard	
9	Optical USB Mouse	

Technical Specification for centralized AV control system

S.No	Specifications	Compliance
1	Having ethernet port of 100/1000 Mbps, auto switching, auto negotiating, auto discovery, full/half duplex, industry-standard TCP/IP stack, DHCP, SSL, TLS, IEEE 802.1xX, SNMP, HTTPS	
2	Having minimum Memory SDRAM 512 MB or higher, Flash 4 GB, or External Storage Support	
3	Minimum Control ports of 7no's RELAY OUTPUT, Min 7 no's I/O port.	



4	Minimum 1 x Bidirectional RS-232/422/485 port	
5	Minimum 2 x Bidirectional RS-232 ports	
6	Should have integration (internal or by additional hardware) with existing building management systems like Centralized HVAC, security fire,	
7	Should be able to control the complete programmed system, from the IT laptop or PC	
8	Should comply to CE, UL, FCC	
9	Should be shipped with software / Application which helps IT resource / Admin for troubleshooting device remotely, updating firmware/software, managing device and generating reports based on device usage data as a part of standard warranty and CMC	
10	<p>Following devices should be controlled from the single screen user interface of the software provided. Software with web client is preferred so that it can be easily accessed from the Screen on professor desk or Laptop/tablet. Sufficient ports should be there in the hardware to manage all these devices in the classroom.</p> <ol style="list-style-type: none"> 1) Projection Screen(s) 2) Projector(s) 3) All Speakers and Mic 4) All cameras 5) Multiple source input management 6) compatibility with lighting control 	

Digital Signage Solution		
S. No.	Technical Parameters	Compliance (Yes/No)
1	55 (±1) " Commercial IPS/VA display built in Android OS or similar Web OS, Native resolution 4k, Plug and play display, landscape and portrait orientation capability , brightness of atleast 450 cd./sq.m,1100 :1 or Dynamic Contrast 500000 : 1 minimum , display lifespan of minimum 50000 hours, having built in PCARM Quad-core Cortex-A53 1.3GHz or similar ,2GB DDR3, 8 GB,, Wifi and LAN, operating temperature of 0 °C to 40 °C, Storage Temperature of -30°C to 50°C, with OEM warranty, USB x 1 Rear Inputs, HDMI-In x 1, Audio In, RS232 input, 24/7 commercial panel temperature control fanless system for 0 °C to 40 °C , built in speaker 5 W X 2, 8ohms	



	On Premise content management software with lifetime license, display and signage software to be provided by the same OEM offering flexibility to display separate content on each of the displays, with complete remote access and user-friendly content management	
--	--	--

Room Scheduler		
S. No.	Technical Parameters	Compliance (Yes/No)
1	Room scheduling with color LCD/LED, Display size 7.5 inches and above, 1280x800, Brightness atleast 300cd/m2, contrast ratio of atleast 800:1, Color depth : 16M plus, atleast 2GB RAM with the necessary software for room scheduling integration and features	



Annexure XIX

Equipment Pre-Dispatch Inspection

All Test criteria need to be assessed with respect to compliance and the specification submitted by the successful Bidder in the proposal. Pre-Dispatch Inspection will not pass any item which even if meets the compliance but deviates from the specification submitted by the Bidder during proposal submission.

With aforesaid clause, test criteria will imply –

During pre-dispatch inspection, the equipment under test must satisfy both the following conditions.

1. Actual result should comply with test criteria.
2. Actual result should match with the specification submitted by the Bidder as part of the proposal submission.

Technical Specification Required	Test Criteria (Bidder's Proposed Specs)	Actual Result	Test Outcome (Pass/Fail)
Compliance for the equipment as per annexure XVIII			



FINANCIAL BID

Instructions to Bidders

1. Financial Bid shall be submitted with full price details.
Financial Bid shall contain only the prices duly filled in as per the format given in the Schedule of Rates provided in the tender document. Price bid should not have any Commercial and/or technical stipulation.
Financial Bid Standard Forms (**Form-1**) shall be used for the preparation of the price quote according to the instructions provided.
2. The prices quoted by the Bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
3. The changes displayed in the corrigendum/addendum to the bid documents, particularly with the financial bid should be attached with the **Financial Bid Submission Form**, in the same packet, duly signed and stamped by the authorized signatory of the Bidder firm.
4. The financial bid should be filled in all respect and uploaded in “.PDF” format (only) duly signed and sealed by the authorized representative. In case the financial bid documents are not complete in all respects the same shall be treated as incomplete at financial bid opening stage and shall be considered non-responsive.



From									
Sub:									
S. No	Description of Material	Make & Product No.	Unit	Qty	Unit Price including 3 years OEM warranty, Rs.	Basic Price, Rs.	GST %	GST Rs.	Total Price, Rs.
1	2	3	4	5	6	7(5*6)	8(a)	8(b)	9(7+8b)
Section (AV Infrastructure)									
A Video Conferencing									
1	Supply, Installation, Testing & Commissioning of Video Conferencing hardware compatible with online tool such as Zoom, Teams etc and shall comprise of intenal / external microphone, camera, speaker and compatible to leading software collaboration solutions (As per detailed technical specification)		Nos.	7					
2	Supply, Installation, Testing & Commissioning of 65 (±1) Inch UHD 4K Display with atleast 350 Nits Brightness and inbuilt storage		Nos.	7					
3	Supply, installation, testing and commissioning of 1:4 HDMI splitter		Nos.	3					
4	Supply, installation, testing and commissioning of		Nos.	3					



	Accessories: HDMI converter for Laptop, VGA converter, Extended Power Cables, HDMI cables, Installation Material etc as needed								
B	Lecture-room								
B.1	AV Systems								
CLASS Type 150 Seater Classroom Complex 1 - Hybrid Classroom		Total quantity 1							
1	SITC of Classroom Laser light 6000 ANSI Lumens Projector - 2 per classroom (As per detailed technical specification)		Nos.	2					
2	Supply, Installation, Testing & Commissioning of 16:10 Motorised Left and Right Projection Screen, atleast 113 Inch Diagonal - 2 per classroom. Matt white Finish, 16:10 Aspect Ratio Built in Low voltage relay Control and with tubular motor		Nos.	2					
3	Supply, Installation, Testing & Commissioning of Speakers - Wall speakers Line Array Column Loudspeaker - 6 per classroom (As per detailed technical specification)		Set	6					
4	Supply, Installation, Testing & Commissioning of Amplifier with 4 Channel Digital Power amplifier 240W@4 Ohms -OMNEO / AVB / Dante / OEM Certified Digital Audio Bus		Set	1					



	(As per detailed technical specification)								
5	Supply, Installation, Testing & Commissioning of DSP with Fixed I/O DSP with 12 analog inputs, 8 analog outputs, 8 channels configurable USB audio (As per detailed technical specification)		Set	1					
6	Supply, Installation, Testing & Commissioning of Customised Interactive Professor desk with a fixed system with touch screen and a touchpad for AV control (Excludes the Desk Furniture)		Nos.	1					
7	Supply, installation, testing and commissioning of Control System with WiFi for AV control (As per detailed technical specification)		Set	1					
8	Supply, installation, testing and commissioning of 43 (±1) inch Screen as confidence monitor (As per detailed technical specification)		Nos.	1					
9	Supply, installation, testing and commissioning of 1:4 HDMI splitter		Nos.	1					
10	Supply, Installation, Testing & Commissioning of Ceiling Microphone tile with external mic mute button along with mounting kit		Nos.	5					



11	Supply, Installation, Testing & Commissioning of Encoder		Nos.	4					
12	Supply, Installation, Testing & Commissioning of Decoder		Nos.	3					
13	Supply, Installation, Testing & Commissioning of Camera for Teacher and Students		Nos.	2					
14	Supply, Installation, Testing & Commissioning of Wireless content sharing		Nos.	1					
15	Supply, Installation, Testing & Commissioning of Multiview solution with live streaming and recording		Nos.	1					
16	Supply, installation, testing and commissioning of Accessories: Extended Power Cables, Installation Material, Rack, Speaker Cable, Audio Mic cable, wifi router etc as needed		Nos.	1					
17	Supply, Installation, Testing & Commissioning of managed PoE+ switch (As per detailed technical specification)		Nos.	1					
CLASS Type 90 Seater (Classroom Complex 1) - Hybrid Classroom			Total quantity 1						
1	SITC of Classroom Laser light 5000 ANSI Lumens Projector - 2 per classroom		Nos.	2					



	(As per detailed technical specification)								
2	Supply, Installation, Testing & Commissioning of 16:10 Motorised Left and Right Projection Screen, atleast 113 Inch Diagonal - 2 per classroom. Matt white Finish, 16:10 Aspect Ratio, Built in Low voltage relay Control and with tubular motor		Nos.	2					
3	Supply, Installation, Testing & Commissioning of Speakers - Wall speakers Line Array Column Loudspeaker - 4 per classroom (As per detailed technical specification)		Set	4					
4	Supply, Installation, Testing & Commissioning of Amplifier with 4 Channel Digital Power amplifier 240W@4 Ohms -OMNEO / AVB / Dante / OEM Certified Digital Audio Bus (As per detailed technical specification)		Set	1					
5	Supply, Installation, Testing & Commissioning of DSP with Fixed I/O DSP with 12 analog inputs, 8 analog outputs, 8 channels configurable USB audio (As per detailed technical specification)		Set	1					
6	Supply, Installation, Testing & Commissioning of Customized Interactive Professor desk with a fixed system with touch screen and a touchpad for		Nos.	1					



	AV control (Excludes the Desk Furniture)								
7	Supply, installation, testing and commissioning of Control System with WiFi for AV control (As per detailed technical specification)		Set	1					
8	Supply, installation, testing and commissioning of 43 (±1) inch Screen as confidence monitor (As per detailed technical specification)		Nos.	1					
9	Supply, installation, testing and commissioning of 1:4 HDMI splitter		Nos.	1					
10	Supply, Installation, Testing & Commissioning of Ceiling Microphone tile with external mic mute button along with mounting kit		Nos.	4					
11	Supply, Installation, Testing & Commissioning of Encoder		Nos.	4					
12	Supply, Installation, Testing & Commissioning of Decoder		Nos.	3					
13	Supply, Installation, Testing & Commissioning of Camera for Teacher and Students		Nos.	2					
14	Supply, Installation, Testing & Commissioning of Wireless content sharing		Nos.	1					
15	Supply, Installation, Testing & Commissioning of Multiview solution with		Nos.	1					



	live streaming and recording								
16	Supply, installation, testing and commissioning of Accessories: Extended Power Cables, Installation Material, Rack, Speaker Cable, Audio Mic cable, wifi router etc as needed		Nos.	1					
17	Supply, Installation, Testing & Commissioning of managed PoE+ switch (As per detailed technical specification)		Nos.	1					
CLASS Type 90 Seater (Classroom Complex 1)			Total Quantity 4						
1	SITC of Classroom Laser light 5000 ANSI Lumens Projector - 2 per classroom (As per detailed technical specification)		Nos.	8					
2	Supply, Installation, Testing & Commissioning of 16:10 Motorised Left and Right Projection Screen, atleast 113 Inch Diagonal - 2 per classroom. Matt white Finish, 16:10 Aspect Ratio, Built in Low voltage relay Control and with tubular motor		Nos.	8					
3	Supply, Installation, Testing & Commissioning of Speakers - Wall speakers Line Array Column Loudspeaker - 4 per classroom (As per detailed technical specification)		Set	16					
4	Supply, Installation, Testing & Commissioning of Amplifier with 4 Channel Digital Power		Set	4					



	amplifier 240W@4 Ohms -OMNEO / AVB / Dante / OEM Certified Digital Audio Bus (As per detailed technical specification)								
5	Supply, Installation, Testing & Commissioning of DSP with Fixed I/O DSP with 12 analog inputs, 8 analog outputs, 8 channels configurable USB audio (As per detailed technical specification)		Set	4					
6	Supply, Installation, Testing & Commissioning of Customised Interactive Professor desk with a fixed system with touch screen and a touchpad for AV control (Excludes the Desk Furniture)		Nos.	4					
7	Supply, installation, testing and commissioning of Control System with WiFi for AV control (As per detailed technical specification)		Set	4					
8	Supply, installation, testing and commissioning of 43 (\pm 1) inch Screen as confidence monitor (As per detailed technical specification)		Nos.	4					
9	Supply, installation, testing and commissioning of TX and RX for HDMI Extend Transmitter (As per detailed technical specification)		Nos.	8					
10	Supply, installation, testing and		Nos.	4					



	commissioning of 1:4 HDMI splitter								
11	Supply, Installation, Testing & Commissioning of Lavalier Microphone with complete system. (As per detailed technical specification)		Set	4					
12	Supply, Installation, Testing & Commissioning of Handheld Wireless Mics (As per detailed technical specification)		Set	12					
13	Supply, Installation, Testing & Commissioning of Wireless content sharing		Nos.	1					
14	Supply, installation, testing and commissioning of Accessories: Extended Power Cables, Installation Material, Rack, Speaker Cable, Audio Mic cable, wifi router etc as needed		Nos.	1					
CLASS Type (50- 63 Seater) - Classroom Complex 2 & MDP			Total quantity 7						
1	SITC of Classroom Laser light 4000 ANSI Lumens Projector with HDMI cable - 1 per classroom (As per detailed technical specification)		Nos.	7					
2	Supply, Installation, Testing & Commissioning of 16:10 Motorised Central Projection Screen, atleast 113 Inch Diagonal - 1 per classroom. Matt white Finish, 16:10 Aspect Ratio,Built in Low		Nos.	7					



	voltage relay Control and with tubular motor								
3	Supply, Installation, Testing & Commissioning of Speakers - Wall speakers Line Array Column Loudspeaker - 2 per classroom (As per detailed technical specification)	Set	14						
4	Supply, Installation, Testing & Commissioning of Amplifier with 2 Channel class D amplifier 4 x 120 Watts (As per detailed technical specification)	Set	7						
5	Supply, installation, testing and commissioning of TX and RX for HDMI Extend Transmitter (As per detailed technical specification)	Nos.	7						
6	Supply, installation, testing and commissioning of 1:4 HDMI splitter	Nos.	7						
7	Supply, installation, testing and commissioning of 43 (±1) inch Screen as confidence monitor (As per detailed technical specification)	Nos.	7						



8	Supply, installation, testing and commissioning of Accessories: Extended Power Cables, Installation Material, Speaker Cable, Audio Mic cable, Rack, wifi router etc as needed		Nos.	7					
CLASS Type 25 and 20 Seater (MDP) and 20 seater Classroom Complex 2, 30 seater			Total Quantity 4						
1	SITC of Classroom Laser light 4000 ANSI Lumens Projector with HDMI cable - 1 per classroom (As per detailed technical specification)		Job	4					
2	Supply, Installation, Testing & Commissioning of 16:10 Motorised Central Projection Screen, atleast 94 Inch Diagonal - 1 per classroom. Matt white Finish, 16:10 Aspect Ratio, Built in Low voltage relay Control and with tubular motor		Job	4					
B.2	Audio-Visual Passive Component								
CLASS Type 150 Seater Classroom Complex 1			Total quantity 1						
1	Supply Installation Testing & Commissioning of HDMI 1.5 Meter resolution support of 4K/UHD @ 60 Hz, 4:4:4 or better, connectors etc as required		Nos	12					
2	Supply Installation Testing & Commissioning of HDMI 8-meter Supply Installation Testing & Commissioning of HDMI cable 8-meter resolution support of 4K/UHD @ 60		Nos	2					



	Hz, 4:4:4 or better, connectors etc as required								
3	Supply, Installation, Testing & Commissioning of 14 AWG Speaker Cable for connectivity of speakers.		Nos	250					
4	Supply, Installation, Testing & Commissioning of Category 6A Enhanced Premise Horizontal Cable 4-Pair, 23 AWG Solid Bare Copper conductors		Nos	800					
5	Supply Installation Testing & Commissioning of 18 AWG Audio for Mic/ DSP Connectivity		Nos	40					
6	Supply Installation Testing & Commissioning of Conector for Cat6 A STP		LOT	2					
7	Supply Installation Testing & Commissioning of USB Cable standard		Nos	2					
8	Supply, Installation, Testing & Commissioning of Control Audio, Control & Instrument Cable, 22 AWG stranded		Nos	160					
CLASS Type 90 Seater Classroom Complex 1			Total Quantity 5						
1	Supply Installation Testing & Commissioning of HDMI 1.5 Meter resolution support of 4K/UHD @ 60 Hz, 4:4:4 or better, connectors etc as required		Nos	120					
2	Supply Installation Testing & Commissioning of HDMI 8-meter Supply Installation Testing & Commissioning of HDMI cable 8 meter resolution support of 4K/UHD @ 60 Hz, 4:4:4 or better, connectors etc as required		Nos	10					



3	Supply, Installation, Testing & Commissioning of 14 AWG Speaker Cable for connectivity of speakers.		Nos	1600					
4	Supply, Installation, Testing & Commissioning of Category 6A Enhanced Premise Horizontal Cable 4-Pair, 23 AWG Solid Bare Copper conductors		Nos	6000					
5	Supply Installation Testing & Commissioning of 18 AWG Audio for Mic/ DSP Connectivity		Nos	400					
6	Supply Installation Testing & Commissioning of Connector for Cat6A STP		LOT	10					
7	Supply Installation Testing & Commissioning of USB Cable standard		Nos	10					
8	Supply, Installation, Testing & Commissioning of Control Audio, Control & Instrument Cable, 22 AWG stranded		Nos	1600					
CLASS Type 52,56, 63, 60 Seater - Classroom Complex 2and 50 Seater - MDP			Total Quantity 7						
1	Supply Installation Testing & Commissioning of HDMI 1.5 Meter resolution support of 4K/UHD @ 60 Hz, 4:4:4 or better, connectors etc as required		Nos	56					
2	Supply, Installation, Testing & Commissioning of 14 AWG Speaker Cable for connectivity of speakers.		Nos	420					
3	Supply, Installation, Testing & Commissioning of Category 6A Enhanced Premise Horizontal Cable		Nos	840					



	4-Pair, 23 AWG Solid Bare Copper conductors								
4	Supply Installation Testing & Commissioning of 18 AWG Audio for Mic/ DSP Connectivity		Nos	140					
5	Supply Installation Testing & Commissioning of Conector for Cat6 A STP		LOT	7					
6	Supply Installation Testing & Commissioning of USB Cable standard		Nos	7					
7	Supply, Installation, Testing & Commissioning of Control Audio, Control & Instrument Cable, 22 AWG stranded		Nos	210					
Digital Signage Solution for Reception and room scheduler for classroom									
1	SITC of 55(±1) inch Commercial IPS/VA display built in Android OS or similar Web OS, Native resolution 4k, Plug and play display with on-Premises content management software with lifetime license, display and signage software to be provided by the same OEM (As per detailed technical specification)		Job	1					
2	SITC of Room scheduling with color LCD/LED, Display size 7.5 inches and above, 1280x800, Brightness atleast 300cd/m2, contrast ratio of atleast 800:1, Color depth : 16M plus, atleast 2GB RAM (As per detailed technical specification)		Set	17					



CMC & Manpower cost			* The amount quoted against this sub head shall not be less than 20% of the total bid value.						
1.	Technical Manpower charges for on-site support during 1 st year		No.	2					
2.	Technical Manpower charges for on-site support during 2 nd year		No.	2					
3.	Technical Manpower charges for on-site support during 3 rd year		No.	2					
4.	Technical Manpower charges for on-site support during 4 th year		No.	2					
5.	Technical Manpower charges for on-site support during 5 th year		No.	2					
6.	CMC charges (after warranty of 3 year) Charges for 4 th and 5 th year	Charges for 4 th year							
		Charges for 5 th year							
	Gross Total----> Net offered Price----->								
Net offered Price (in Words)									
	Date:	Name:							
		Designation:							
		Mobile No:							



Annexure XX

FINANCIAL BID SUBMISSION FORM

To:

**CGM (DES),
EdCIL (India) Limited,
EdCIL House, 18A, Sector- 16A,
Noida- 201 301 (U.P)**

Dated: ___/___/2023

Dear Sir,

We, the undersigned, offer to provide **“Selection of System Integrator for Supplying, Installation, Testing & Commissioning of Audio, Video and Conferencing Equipment at Permanent Campus of IIM Sirmaur, Rampur Ghat Road, Paonta Sahib”**. In accordance with your request for proposal dated ___/___/2023 and certify that no terms and conditions have been stipulated by us in the Financial Bid.

Our attached Financial Bid is for the amount of _____ *[Indicate the corresponding to the amount(s), currency (ies) {Insert amount(s) in words and figures}]*.

Please note that all amounts shall be the same as in Form-1. Our Financial Bid shall be binding upon by us subject to the modifications resulting from Contract negotiations, if any, up to expiration of the validity period of the Proposal.

We remain,
Yours sincerely,

Authorized Signature {In full and initials}:

Name and Title of Signatory:

In the capacity of:

Address:

E-mail:



Annexure XXI

Solvency Certificate

Dated:

To,

**EdCIL India Limited
EdCIL House
18A, Sector-16A
Noida-201301
U.P (India)**

This is to certify that M/S..... having their office at..... is a regular customer of our bank. They are solvent to an extent of Rs.....

Seal & Signature for the
Bank

NOTE: Bankers certificate should be on letter head of the Bank.



Annexure XXII

Land Border Sharing Declaration

(To be submitted in the Bidder's letter head)

I have read the clause regarding restrictions on procurement from a Bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries.

- a. I certify that this Bidder is not from such a country or, if from such a country, has been registered with the Competent Authority and will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority.
- b. I hereby certify that this Bidder fulfils all requirements in this regard and is eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority shall be attached.]”.

For and behalf of _____ (Name of the Bidder)

(Signature, date & seal of authorized representative of the Bidder)”



Annexure XXIII

Self Declaration OR Declaration / Certificate to be provided by Statutory Auditor or Cost Auditor of the Company (in case of companies) or from a practicing Cost Accountant or practicing Chartered Accountant (in respect of suppliers other than companies)

Please submit the certificate as per format given below:

To

CGM (DES)
EdCIL (India) Limited,
EdCIL House, 18A, Sector- 16A,
Noida- 201 301 (U.P)

Sub: Tender for

Ref: Tender No. EdCIL/DES/IIMS/AV/2023/01

We hereby certify:

1. That the goods / software being offered by us vide our proposal, comply with the provisions of Make In India Order No P-45021/2/2017-PP (BE-II), dated 16th Sept 2020 issued by Public Procurement Division, Department of Investment and Internal Trade, Ministry of Commerce, GoI, read with order number W-43/4/2019-IPHW- MeitY, dated 7th September, 2020 issued by IPWH division of MeitY, GoI for respective items.
2. That the information furnished hereinafter is correct to the best of my knowledge and belief and we undertake to produce relevant records before the procuring entity/IIM Sirmour or any other Government authority for the purpose of assessing the local content of goods/services/works supplied by me for “Tender No. EdCIL/DES/IIMS/AV/2023/01”.
3. That the local content for all inputs which constitute the said goods/ services/ works has been verified by us and we are responsible for the correctness of the claims made therein.
4. That the goods/ services/ works supplied by me for “Tender No. EdCIL/DES/IIMS/AV/2023/01” meets the ‘Minimum Local Content ‘as defined in the PPPMII order & the overall Local Content is _____%.

It is also certified that, we are not from a country sharing land border with India as defined in order No. F/No/6/18/2019-PPD dated 23 July 2020 issued by public procurement Division, Dept. of Expenditure, Ministry of Finance, GoI and the goods offered by us comply with the provisions of said order (details provided below).

We hereby certify the details pertaining to goods / software offered by us, against the tender requirement is given below:



Sr No.	Item Description, Make, Model	Country of origin of OEM	Country of Manufacture of item	Percentage of local contents as defined by order number W43/4/2019-IPHW-MeitY, dated 7th September 2020 issued by IPWH division of MeitY, GoI *	Details of the location(s) at which the local value addition is made
1	Category I & II Items with description			Consolidated MII / Local Content for the complete solution declared by System Integrator (SI)/ Bidder	

Note 1: The Country of origin / manufacturing, should be declared for individual items being offered for both Category I & II items.

Note 2: EdCIL (India) Limited reserves the right to Accept / Reject / Cancel the bid / Bidder, at its sole discretion, based on the responses received against the MII and Land border sharing declarations submitted by the Bidders / vendors.

Note 3: The System Integrator / Bidder, needs to provide the MII / Local content declaration as a consolidated figure for the complete solution. However, location of value addition should be declared for each item.

For (Name of Bidder):

Authorized Signatory Name & Designation:

Mobile No:



Annexure XXIV

A Tripartite Agreement shall also be signed by the bidder, EdCIL and IIM Sirmaur on a Rs 100/- stamp paper, before issue of LOA.

This will be a part of contract containing the following conditions/clauses.

FORMAT OF TRIPARTITE AGREEMENT

- 1) EdCIL has invited the AV tender on behalf of IIM Sirmaur.
- 2) EdCIL will handle (Operation & Management) this contract until the completion of one year after the date of commissioning.
- 3) The operation and management of this contract on behalf of EdCIL, from the start of 2nd year after commissioning till completion of contract, will be transferred to IIM Sirmaur.
- 4) The operation and management of the contract on the part of EdCIL will then be handled by IIM Sirmaur.
- 5) The bidder agrees to perform all the obligations as per the terms of the contract, for the total period of contract i.e., for 5 years after commissioning.
- 6) IIM Sirmaur agrees to perform all the obligations as required on part of EdCIL in the contract after completion of one year after the date of commissioning.
- 7) All the Technical Guarantees and Warranties shall be obtained by the bidder in the name of IIM Sirmaur.
- 8) The bidder agrees to provide the financial (Bank) guarantee in the name of IIM Sirmaur.

**Annexure XXV****LIST OF AUTHORISED 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