

**INDIRA GANDHI INSTITUTE OF DEVELOPMENT RESEARCH
GOREGAON (EAST), MUMBAI**

TENDER DOCUMENT FOR

**Annual Maintenance Contract (AMC) of Audio Visual Equipment
at IGIDR Campus Mumbai**

NIT No: IGIDR/Tender/2022-23/CC/01 Date: 10.10.2022

INDIRA GANDHI INSTITUTE OF DEVELOPMENT RESEARCH

Gen. A.K. Vaidya Marg, Film city Road, Santosh Nagar, Goregaon (EAST), MUMBAI-400065.

TELEPHONE: 022 6909 6200 / FAX: 022 6909 6399.

INDIRA GANDHI INSTITUTE OF DEVELOPMENT RESEARCH, MUMBAI

Notice Inviting Tender

“NAME OF THE WORK: **Annual Maintenance Contract (AMC) of Audio Visual Equipment** at INDIRA GANDHI INSTITUTE OF DEVELOPMENT RESEARCH, GOREGAON, MUMBAI – 400 065.”

1. Institute invites sealed bids from reputed vendors for the following work:

Name of work	EMD	Estimated Cost
(1)		
Annual Maintenance Contract (AMC) of Audio Visual Equipment at IGIDR Campus Mumbai	Rs 16,520/-	8.26 lakhs

Equipment. IGIDR reserves its right to award the work to the successful bidder.

2. Bidder has to submit Earnest Money Deposit Rs 16,520.00 only along with the bid as applicable.
3. The tender bids in two bid systems are invited through two separate Emails to tender@igidr.ac.in : “**Email-1: EMD and Pre-Qualification/Technical Bid**” and “**Email-2: Financial bid**”. Subject of email should be mentioned as- “**Email-1: EMD & Prequalification/Technical Bid for AMC of Audio Visual Equipment at IGIDR Campus** and “**Email-2: Financial Bid for for AMC of Audio Visual Equipment at IGIDR Campus**” respectively. **All the bid documents should be attached as a PDF document or zip file and the financial bid file should be protected with a password.**
4. Last date of submission of the Tender document shall be up to **3:00 PM on 3 November 2022**. No tender will be accepted after 3:00 PM on **3 November 2022** under any circumstances whatsoever.
5. The Institute reserves the right to reject any prospective application without assigning any reasons whatsoever.

REGISTRAR

SECTION-A

LETTER OF OFFER *

Date _____

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

Subject: AMC of Audio Visual Equipment at IGIDR Campus

Reference: NIT No: IGIDR/Tender/2022-23/CC/01

Date: 10.10.2022

Dear Sir,

With respect to your above mentioned tender, I / We hereby submit my / our tender in the required format along with Company Profile and supporting documents.

Should this tender be accepted, I/We hereby agree to abide by and fulfil the terms and provisions of the said Conditions of Contract annexed hereto so far as they may be applicable or in default thereof to forfeit the EMD and pay to the IGIDR the amount mentioned in the said Conditions.

I/We have deposited earnest money through **NEFT/DD/BG/FDR or MSME certificate** to the IGIDR, which will not bear any interest.

Should I/We fail to execute the contract when called upon to do so. I/We do hereby agree that this sum shall be forfeited by me/us to the IGIDR.

I / We have carefully gone through the terms and conditions prescribed and I / We accept the same without any alterations/modifications.

Yours faithfully,

Signature

Name & seal of Contracting

Agency/firm/company

*To be printed on company Letterhead and scanned or Digitally signed pdf document

SECTION-B

GENERAL INSTRUCTIONS TO TENDERER

Sealed Tender should be addressed to The Registrar, Indira Gandhi Institute of Development Research, Goregaon (East), Mumbai-400065

1. If applicable Bidder has to submit Earnest Money Deposit Rs.16,520.00 through DD/FDR/BG/NEFT to "INDIRA GANDHI INSTITUTE OF DEVELOPMENT RESEARCH", Account No: 010220100010001, IFS Code: BKID0000102 , BRANCH NAME: I G I D R , BANK NAME : BANK OF INDIA and UTR NO with screenshot of transaction should be included in the part of tender document towards Earnest Money.
2. A tender which is not accompanied by EMD(if applicable) will not be considered. The EMD will be returned to the bidder if their tender is not accepted by the Institute but without Interest. The EMD paid by the successful bidder shall be held/encashed by the IGIDR as security for execution and fulfillment of the contract. No interest shall be paid on this deposit.
3. **The bidders who are exempted from submission of EMD, bidders should submit the copy of certificate issued by Micro and Small Enterprises (MSEs).**
4. The tender bids in two bid systems are invited through two separate Emails to tender@igidr.ac.in : "Email-1: Pre-Qualification/Technical Bid" and "Email-2: Financial bid". The subject of email should be mentioned as- "Email-1: Prequalification/Technical Bid for AMC of Audio Visual Equipment at IGIDR Campus" and "Email-2: Financial Bid for AMC of Audio Visual Equipment at IGIDR Campus" respectively. All the bid documents should be attached as a PDF document or zip file.
5. **All the required documents should be scanned and merged either into a single PDF file or zipped into a single file and attached to the respective Emails. The Financial bid should be attached as a PDF document protected with a password and the password to be shared at the time of financial bid opening through an online meeting. The Vendor should keep their password securely with them and be required to give it only when asked in online meeting for a financial bid opening. In case the bidder can NOT provide the password for the financial bid at the opening, then their bid shall be rejected.**
6. The bids will be received up to **03:00 PM on 3 November 2022**. Each Page of the Tender Documents should be stamped and signed by the authorized person or persons submitting the Tender in token of his/their having acquainted himself/themselves with the General terms & conditions, specifications, special conditions of contract, etc., as laid down. No tender will be accepted after the due date under any circumstances whatsoever
7. **The " Pre-qualification & Technical " Bid shall be opened by REGISTRAR or his authorized representative in his office on the next working day, 4 November 2022, at 11:30 AM through the online meeting platform. The link of the meeting will be shared with participating bidders. In case the holiday is declared by the Government on the day of opening the bids, the bids will be opened on the next working day at the same time.**

8. **“Financial bid”** of only qualified bidders will be opened. The date of opening of the financial bid and link for the online meeting shall be informed by the institute to the qualified bidders. **The bidders should provide the password of the financial bid PDF file during the opening of the financial bid. In case the bidder can NOT provide the password for the financial bid at the opening then their bid shall be rejected.**
9. Tenders bid shall remain valid for acceptance by the Institute for a period of three months from the date of opening of the tender which period may be extended by mutual agreement and the bidder shall not cancel or withdraw the bid during this period.
10. The bidder must use only the formats issued by the Institute to fill in the rates. Any addition/alteration in the text of the Tender form made by the bidder shall not be valid and shall be treated as null and void.
11. The Tender form must be filled in English. If any of the documents are missing or unsigned, the tender may be considered invalid by the Institute at its discretion.
12. Rates should be quoted both in figures and in words in columns specified. Overwriting of figures is not permitted. Failure to comply with either of these conditions will render the tender void at the Institute's option. No advice whatsoever especially on any change in rate specifications after the opening of the tender will be entertained.
13. Each Page of the Tender Documents should be stamped and signed by the authorized person or persons submitting the Tender in token of his/their having acquainted himself/themselves with the General terms & conditions, specifications, special conditions of contract, etc. as laid down. Any Tender with any of the documents not so signed will be rejected.
14. Bidder should take into account any corrigendum published on the tender document before submitting their bids.
15. The bidder is advised to visit the site and examine the existing AV setup at the location before submitting his bid and is also advised to go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid.
16. The Institute does not bind itself to accept the lowest or any tender and reserves to itself the right to accept or reject any or all the Tenders, either in whole or in part, without assigning any reasons for doing so.
17. On receipt of intimation from the Institute of the acceptance of their tender, the successful vendor/contractor shall be bound to sign the formal contract /Purchase order and acknowledge the same within seven days as applicable.
18. Tender bid must include in their rates, applicable GST and any other tax and duty or other levies in force levied by the Central Government or any State Government or Local Authority if applicable and inclusive of all charges.
19. The intending bidder can obtain any clarifications regarding the tender document, scope of work etc. if any from the office of the department **Computer Center, Mr Lingaraj Panda, Email: lingaraj@igidr.ac.in, Tel:28416548/581 Mobile:9967635444** on any Institute`s working day.

I/We hereby declare that I/we have read and understood the above instructions and the same will remain binding upon me/us.

Place :

Signature of Bidder

Date :

With the seal of their company

SECTION 'C'
TERMS AND CONDITIONS

Upon the declaration of an intending vendor/bidder to be the Successful Bidder by the Institute, they shall be subject to the following terms and conditions that shall form part of the Formal Contract to be executed with the Institute.

1. The successful bidder shall not assign the sub-contract. In case of breach of these conditions, the IGIDR may serve a notice in writing on the Contractor rescinding the contract.
2. The successful bidder shall carry out all the work strictly in accordance with scope of work, technical specifications and as per detailed instructions of the Institute.
3. The successful bidder must cooperate with the other contractor appointed by the Institute so that the work shall proceed smoothly to the satisfaction of the Institute.
4. In all matters of dispute arising on the work, the matter shall be referred to **The Registrar ,Indira Gandhi Institute of Development Research, Goregaon** for a mutual decision.
5. **Arbitration Clause:** In the event that the Successful Bidder is not satisfied by the decision of the Registrar, Indira Gandhi Institute of Development Research, the dispute shall be settled by arbitration in accordance with the provisions of arbitration and conciliation act, 1996 or any enactment thereof. The Arbitral Tribunal shall consist of one arbitrator, to be appointed by the Institute. The place of arbitration shall be Mumbai and any award whether interim or final, shall be made, and shall be deemed for all purposes between the parties to be made in Mumbai. The arbitration proceedings shall be conducted in the English language and any award or awards shall be rendered in the English language. The procedural law of the arbitration shall be the Indian law. The award of the arbitral tribunal shall be final, conclusive and binding upon the Successful Bidder and the Institute.

6. **Payment Terms:**

The payment shall be made at the end of each quarter after receipt of the invoice and on satisfactory completion of maintenance on monthly basis after deducting the penalty and other recoveries if any. Income tax and all other applicable taxes shall be deducted at source as per the prevailing Govt. Rules in this regard.

7. The successful bidder will have to deposit a Performance Security Deposit of 3% of order value, within 30 days of the receipt of the formal order. The performance security will be furnished in the form of an account payee Demand Draft, FDR or Bank Guarantee from a commercial bank drawn in favour of “The Registrar, Indira Gandhi Institute of Development Research, Mumbai” payable at Mumbai. The performance security should remain valid till the contract period specified in the tender. This deposit shall be forfeited in case the contractor, who fails to discharge its duties/commitments or whose contract is terminated prematurely. No interest will be paid on the Security Deposit withheld by the Institute.

8. Contract Period

Initially, the contract period shall be for 1 year however it can be extended for further 02 years based on the review of the performance of the contractor on yearly basis on the same rates, terms & conditions if performance is found satisfactory. The contract period will start from the date of the start of AMC as mentioned in the PO/letter of award of contract for the successful bidder.

9. Termination of Contract

The institute may, by written notice to the Contractor/Supplier, terminate the Contract in whole or in part at any time for its convenience and the extent to which the performance of the Contractor/Supplier under the Contract is completed. The contract can be terminated at any time by giving one month’s notice to the party if the party’s services rendered to IGIDR are unsatisfactory.

10. Penalty:

If the selected firm fails to deliver the service, a penalty to such effect would be charged. IGIDR reserves the right to forfeit the security deposit if any.

I/We hereby declare that I/we have read and understood the above terms and conditions that form part of the Formal Contract to be executed between I/us and the Institute. The same shall be binding upon me/us upon being declared as the Successful Bidder.

Place :

Signature of Bidder

Date :

With the seal of their company

SECTION-'D'

PRE-QUALIFICATION CRITERIA

Pre-Qualification Documents to be submitted by Bidder along with Pre-qualification Bid:

Eligibility for Bidders

The Agencies that fulfil the following requirements shall be eligible to apply:

- a) Copy of Registration of Firm Certificate of Incorporation of company or Partnership deed.
- b) Copy of Registration of Goods & Service Tax and PAN
- c) The bidder should have an average annual turnover of INR 1 crore in the last 3 financial years. Submit copies of audited Balance Sheet and Profit & Loss account /CA Certificate for the last three years.
- d) Either the Registered Office or one of the Branch Offices of the bidder should be located in the Municipal/district territory of Mumbai, Mumbai suburban, Thane and Navi Mumbai.
- e) The Vendor should have at least executed the similar volume of works of providing AMC for AV equipment for the Government (State/ Central/Autonomous) organization/institutes/universities, as on tender submission deadline.
 - i) at least 01 similar works of value not less than Rs. 7 Lakh OR
 - ii) at least 02 similar works of value not less than Rs. 5 Lakh OR
 - iii) at least 03 similar works of value not less than 3.5 lakh.
References order copy/ proof of completion certificate for the project must be provided.
- f) The bidder should not be blacklisted by any Govt. organization /PSU during the last 3 years. A declaration certificate to this effect is to be submitted as per the format given in Annexure-1.

Bidders must submit documentary proof in support of meeting each of the above minimum qualification criteria. A simple undertaking by the bidder for any of the stated criteria will not suffice the purpose. All documentary proof must be listed on the **letterhead (refer annexure-D)** of the company, to be submitted along with the qualification bid duly stamped and signed by the authorized person of the agency.

- **Information to be furnished by the bidder: (as per annexure-C)**

SECTION-'E'

Technical BID

IGIDR is deemed to be a university and an advanced research institute established by the Reserve Bank of India. It is spread across 14 Acres of land, and the entire campus is inter-connected with Local Area Network, WiFi, connecting desktops and laptops and mobile devices. The users (Faculty / Non-academic staff/students) access the classroom and seminar room, and conference hall to use AV equipment for conducting the classes and presentations of their research works

IGIDR invites sealed quotations from the reputed vendors who provide AMC of Audio Visual equipment. The requirement details and list of equipment are given below in this document.

Scope of Work / SERVICES

The scope of the work involves following activities.

1.The Vendor shall undertake contract for all items under AMC.

- a. The contract shall include all components including all the parts but excludes the consumables like a lamp.
- b. Installation of necessary firmware/updates/upgrades/patches wherever required.
- c. Repairs /Replacement of all equipment/parts during AMC period to provide smooth operation of the same.
- d. Quarterly preventive maintenance of equipment under the AMC and the report for the same should be submitted for all the machines under contract.
- e. The support engineer should be well trained customer support engineer in all respects i.e. well mannered, technically sound and having vast knowledge in the field

2. SERVICE AND SUPPORT

The vendor will provide a Comprehensive Annual Maintenance Contract for Audio Visual (AV) Equipment Installed at IGIDR Campus.

3. MAINTENANCE

The vendor shall provide maintenance services from 9:30 AM to 7:00 PM (Monday to Saturday) to keep the systems in good working order. The vendor should provide complete Technical support for the upkeep of Audio Visuals Equipment installed at IGIDR Campus and peripherals and parts should be provided without any financial implications as and when required by IGIDR.

4. RESPONSIBILITIES

Responsibility includes the following activities

- a. Total Hardware maintenance and troubleshooting for equipment and Peripherals.
- b. Total maintenance, software maintenance and troubleshooting for the Device and Supply and fixing of Spare Parts as per the Original Device.
- c. Quarterly preventive maintenance includes regular physical cleaning (internal and external).

5. PART REPLACEMENT

Faulty parts that need replacement are to be replaced by the part of the same specification and from the same OEM without any additional cost to IGIDR. If the part of the same specification / OEM is not available, it is to be replaced by part of higher specifications/configuration from OEMs "s listed/agreed by IGIDR. The cost of the same would be borne by the bidder. At no stage are local made spares to be used. The contractor will be penalized the cost of the equipment if local spares are used as a replacement.

6. UP-TIME

The vendor must ensure an average uptime of minimum 95% for the entire equipment in a quarterly basis. In case the overall uptime falls below 95% for any quarter, the AMC liability of the vendor shall be extended by number of days proportionate to the period by which the uptime was below 95+%. Stand by equipment must be provided where it can not be repaired the same day . If it is not repaired next business day and standby is not provided then a penalty of Rs. 500/- (Rupees Five Hundred only) per day will be imposed and the same will be deducted from the bill produced by the service provider.

The list of AV equipment (BoQ) is available in Annexure-E for AMC

SECTION-'G'

Financial BID

(To be submitted on company/Firms Letterhead)

NIT No: IGIDR/Tender/2022-23/CC/01

1. The below-mentioned Financial Proposal/Commercial bid format is provided as per BoQ along with this tender document :

Sr No	Description	Amount in INR	GST	Total Amount including GST
1	Comprehensive AMC of AV equipment as per the list in Annexure-E			

Total Amount in Words:

Date:

Sign & Stamp

Annexure - A

**FORMAT OF UNDERTAKING, TO BE FURNISHED ON COMPANY LETTER HEAD WITH REGARD TO
BLACKLISTING/ NON- DEBARMENT, BY ORGANISATION UNDERTAKING REGARDING BLACKLISTING
/ NON – DEBARMENT**

To,
The Registrar
Indira Gandhi Institute of Development Research
Film City Road, Santosh Nagar,
Goregaon (East),
Mumbai – 400 065.

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

For M/s _____

Authorized Signatory

Date:

Annexure - B

FORMAT FOR PERFORMANCE BANK GUARANTEE (PBG)

(To be typed on Non-judicial stamp paper of the value of Indian Rupees of One Hundred)
(TO BE ESTABLISHED THROUGH ANY OF THE NATIONALISED COMMERCIAL BANKS (WHETHER SITUATED AT Mumbai OR OUTSTATION) WITH A CLAUSE TO ENFORCE THE SAME ON THEIR LOCAL BRANCH AT Mumbai)To, The Registrar, Indira Gandhi Institute of Development Research, Goregaon East, Mumbai-400065

LETTER OF GUARANTEE

WHEREAS for Indira Gandhi Institute of Development Research(IGIDR), Goregaon East, Mumbai-400065 (Buyer) has invited tender vide Tender NIT ...

dated, for procurement of ----- Indira Gandhi Institute of Development Research, Goregaon East, Mumbai-400065

AND WHEREAS the said tender document requires that eligible successful bidder (seller)..... wishing to supply the Item(s) etc. in response thereto shall establish an irrevocable Performance Bank Guarantee in favour of Indira Gandhi Institute of Development Research, Goregaon East, Mumbai-400065 " in the form of Bank Guarantee for Rs (--% of the contract value) and the Performance Bank Guarantee shall remain valid for a period of 60 (sixty) days beyond the date of completion of all contractual obligations of the seller, including warranty and AMC obligations from the date of issue of Performance Bank Guarantee and the eligible successful bidder (the seller) shall submit the same within 15 (Fifteen) days from the date of Award of Contract. NOW THIS BANK HEREBY GUARANTEES that in the event of the said bidder (seller) fails to abide by any of the conditions referred to in the tender document / Award of Contract/performance of the equipment/machinery, etc. this Bank shall pay to Indira Gandhi Institute of Development Research, Goregaon East, Mumbai-400065 on demand and without protest or demur Rs(Rupees.).

This Bank further agrees that the decision of IGIDR (Buyer) as to whether the said bidder (Seller) has committed a breach of any of the conditions referred in tender document / Award of Contract shall be final and binding. We, (name of the Bank & branch) hereby further agree that the Guarantee herein contained shall not be affected by any change in the constitution of the bidder (Seller) and/ IGIDR (Buyer).

Notwithstanding anything contained herein: 1. Our liability under this Bank Guarantee shall not exceed Rs.(Indian Rupees only). 2. This Bank Guarantee shall be valid up to (date) and 3. We are liable to pay the guaranteed amount or any part thereof under this bank guarantee only and only if IGIDR serve upon us a written claim or demand on or before.....(date). This Bank further agrees that the claims if any, against this Bank Guarantee shall be enforceable at our branch office at situated at..... (Address of local branch).

Yours

truly,
Signature and seal of the guarantor:
Name of Bank:
Address

Annexure - C

Sr. No.	Item	Information to be filled by Bidder
1	Name of the bidder	
2.	Address	
2	Telephone Number: Office: Mobile Number of contact person/account manager E-Mail address-	
3	Details of Registration (number & date)	
4	Month and Year in which the firm / company was formed/ incorporated.	
5	Type of organisation (Sole Proprietor, Partnership, Pvt. Ltd., Public Ltd., etc.)	
6	Enclose copy of partnership deed, Articles of Association or Affidavit (in case of firm)	
7	Average Annual Turnover of Last Three Financial Year (attached audited balance sheet & profit & Loss account)	FY 2021-22..... FY 2020-21..... FY 2019-20.....
8	NEFT BANK DETAILS	

Annexure - D

Checklist of Documents to be submitted

Please attach the following documents only and put a tick mark against the corresponding item on the list and submit it as the First page along with other tender documents.

1	EMD (DD/FD/BG/UTR details in case of NEFT) or copy of MSME certificate	
2	Offer letter on your company letterhead with stamp and sign	
3	Copy of Registration of Firm Certificate of Incorporation of company or Partnership deed.	
4	Copy of Registration of Goods & Service Tax and PAN	
5	Copy of last 3 years audited balance sheet and profit loss account only.	
6	OEM certificate/ authorization letter related to the tender if asked in Pre Qualification (PQ)	
7	Reference Purchase order / Work order copy of clients for similar work as per PQ	
8	Declaration certificate (not blacklisted) as per Annexure -A	
9	Stamped/Signed copy of this tender document	
10	Technical bid documents with stamp and sign, product data sheets wherever applicable	
11	Financial bid on company letterhead with stamp and sign enclosed in separate E-mail /envelope as per general instruction in the tender.	

Sign & Stamp

Annexure-E
List of AV Equipment (BoQ) for comprehensive AMC

Location	Srno	Product	Units	AMC Covererage	Remark
Seminar Hall 4	1	Epson Projector Epson EB-595Wi	1	Yes	
	2	Motorized Screen 92" Da-lite with up down switch, hdmi cable and ports	1	Yes	
		All the connected cables and ports		Yes	
Seminar Hall 3	1	Panasonic Projector PTVX-41	1	Yes	
	2	Screen 84 Inch Motorised Da-Lite	1	Yes	
	3	Switcher Milestone ML-402	2	Yes	
	4	Amplifier Ahuja	1	Yes	
	5	Speaker 6 Inch	2	Yes	
	6	Digital class 15" with pen	1	Yes	
	7	Document Camera Wolfvision V2-402	1	Yes	
		All the connected cables and ports		Yes	
Seminar Hall 2	1	BenQ Projector MH535P	1	Yes	
	2	Screen 100 Inch Motorised Da-Lite	1	Yes	
	3	Amplifier SSB-60 EM	1	Yes	
	4	Speaker 6 Inch	3	Yes	
	5	Switcher Milestone ML-402	2	Yes	
	6	Wacom DTU 1631 screen with pen	1	yes	
	7	Document Camera Wolfvision V2-402	1	Yes	
		All the connected cables and ports		Yes	
Basement Class room	1	Panasonic Projector PTVX-41	1	Yes	
	2	Screen 100 Inch Motorised Da-Lite	1	Yes	
	3	Document Camera Wolfvision V2-402	1	No	
	4	Shure Lapple Mic	1	Yes	
	5	Amplifier Interm PA-9324	1	Yes	
	6	Mixer Sound Master Diamond 8-2i	1	Yes	
	7	Polycom VC VS4000 With 2	1	No	

		cameras			
	8	Creston Processor ST-CP	1	No	
	9	Creston Touch Panel	1	No	
	10	Creston Lighting control CLI-220N-4	1	No	
	11	Kramer VP23 Switcher	1	Yes	
	12	Kramer VP200 AK	1	Yes	
	13	Speaker Wall Mount	4	Yes	
	14	Touch Display Wacom DTU-1631 with pen	1	Yes	
		All the connected cables and ports		Yes	
RB-3 1st Floor Class Room					
	1	Amplifier Intrem R300	1	Yes	
	2	Sound Master Mixer 8-2i Diamond	1	Yes	
	3	Speaker Bosch 6 in	4	Yes	
		All the connected cables and ports		Yes	
Seminar Hall 1					
	1	Creston CP3	1	Yes	
	2	Creston Touch Panel TPS-6X	1	Yes	
	3	Kramer VS41H	1	Yes	
	4	Kramer VS11DS	1	Yes	
	5	Kramer Audio Defender FC46XL	1	Yes	
	6	Kramer PT571	1	Yes	
	7	TATA Sky	1	No	
	8	Sony Blu Ray Player	1	Yes	
	9	Crown amplifier XLS 1500	2	Yes	
	10	Relay	1	Yes	
	11	Power Strip	1	Yes	
	12	Extron SSP 7.1 Surround Sound Processor	1	Yes	
	13	Kramer 200 Ak	1	Yes	
	14	Screen Motorised 164"D Da-Lite	1	Yes	
	15	Projector Epson EB-G6970	1	Yes	
	16	Touch Display Wacom DTU-1631 with pen	1	Yes	
	17	Creston CEN- ER-FGW-POE	1	Yes	
	19	JBL Speaker	8	Yes	
	20	Sound Master Hand Held Mic	1	Yes	
	21	Shure Lapple Mic	1	Yes	
		All the connected cables and ports		Yes	
Conference					
	1	Ceiling Mount Projector PT	1	Yes	

Room		EZ580			
	2	110" Motorised Projector Screen Da-Lite	1	Yes	
	3	White Board	1	Yes	
	4	LG 84" Full LED Display Wall Mount	1	Yes	
	5	WIPG 100 We present Wireless Presenter	1	Yes	
	6	Ceiling Speaker JBL- 24CT	8	Yes	
	7	Dual Channel Amplifier – Crown XLS1000	1	Yes	
	8	Boumdray Layer Table Mics Shure	20	Yes	
	9	Laple mic Shure	1	Yes	
	10	Wireless Hand Held Mic Shure	2	Yes	
	11	8 Channel Digital Signal processor – converge pro 880T	1	Yes	
	12	8 Channel Expansion Module Converge pro 8i	2	Yes	
	13	Lifesize Team 220 VC Kit, Code, Camera 10X, Mic- 2 Units	1	Yes	
	14	Composite Recorder & Player Avermedia CR530	1	Yes	
	15	Look at Me btton Schurter MCS30	2	Yes	
	16	Control For look at me Crestron CNPI 16B	1	Yes	
	17	4 Input 1 output VGA Switcher Extron	1	Yes	
	18	Under Table Mount Extron MBU 125	2	Yes	
	19	Transmitter Scaling Switcher Crestron DM-TX-201-C	2	Yes	
	20	Under Table Mount for Transmitter	2	Yes	
	21	Scaler DM Receiver -Crestron DM-RMc-4K-scale-C	2	Yes	
	22	Dm Transmitter Receiver Pair HD – Crestron HD-EXT3-C-B_	1	Yes	
	23	Multiformat Switcher + Controller – Crestron DMPS3- 300-C	1	Yes	
	24	Control System – Apple Ipad+mobile Pro+, TPlink Wifi+IR probes	1	Yes	
	25	Docking Station for I-PAD	1	Yes	
	26	Lightning Control – Dynalite DDMC802DLPE9100	2	Yes	
	27	10 Button Panel – Dynalite	1	Yes	

		DLPE 9100			
	28	8 Port Replay control - Milestone	1	Yes	
	29	Cabe Cubby- connect2	2	Yes	
	30	AV Rack 21 U- Valrack	1	Yes	

RB1- Ground floor Computer Centre					
	1	Projector Hitachi- CPR X70	1	Yes	
	2	Motorized-100",Diagonal Screen Da lite	1		
Others					
	1	Projector BenQ MH535P	1	Yes	
Library	2	Projector LG - PB62G	1	Yes	
Admin Conference	3	TV :PANASONIC Model: TH-L42V20D	1	Yes	
istrar's office	4	TV: SAMSUNG Model: LFD DC55E	1	Yes	
Directors' Office	5	TV: PANASONIC MODEL: P50X20D	1	Yes	
Faculty Lounge		TV: LG MODEL:50PN6500	1	Yes	

We do not have the software code. So reprogramming costs for (Seminar-1 and Conference Hall) if any are required, need to be included in the cost.