



**INDRAPRASTHA INSTITUTE OF INFORMATION TECHNOLOGY-DELHI,
(IIIT-DELHI)**

**Okhla Industrial Estate, Phase III New Delhi- 110020
(Tel No 011-2690400, Website: www.iiitd.ac.in)**

**NOTICE INVITING TENDER FOR COMPREHENSIVE ANNUAL
MAINTENANCE CONTRACT (AMC) FOR AUDIO VISUAL EQUIPMENT
INSTALLED AT IIIT-DELHI**

The Indraprastha Institute of Information Technology Delhi was created as a State University by an Act of Delhi Government. The Institute has a campus spread over an area of around 25 acres. The Institute invites sealed tender for the work of “**Comprehensive Annual Maintenance Contract (AMC) for Audio Visual Equipment installed at IIIT-Delhi**, New Delhi from the experienced agencies in the relevant category of work and who have carried out similar works with Govt. departments/PSU’s/MNC’s and only from the manufacturers or their authorized agents as per the requirements and details enclosed.

Bid Schedule

Name of Work:	Tender for Comprehensive Annual Maintenance contract (CAMC) for Audio Visual Equipment installed at IIIT-Delhi.
Tender No	17/2022 dated 31.10.2022
Date of Start and downloading the tender (Tender document available from www.iiitd.ac.in)	31.10.2022
Earnest Money Deposit (EMD)	Rs. 30,000/- (Rupees Thirty thousand only) is to be submitted with tender document as earnest money. The above payment shall be made in the shape of deposit at pay order/demand draft of a scheduled bank issued in favour of “ IIIT Delhi Collection ” payable at New Delhi.
Technical Bid (envelope-1) Submission end date (Last date and time) for receipt of bids	14.11.2022 at 1500 Hrs. (tender deposit in the Tender Box kept on 2nd Floor of Academic Block of the Institute)
Date and time of bid opening of Technical Bids	14.11.2022 at 1530 hrs
Financial bids (envelope-2) of only those bidders, who qualify for bidding will be opened.	Only those tenderers who have submitted the required documents as prescribed in the tender document will be considered for opening of the Financial Bid. The date and time for the same will be decided later.
Address for communication & submission of tender documents and opening of technical bid	Registrar, IIIT-DELHI, Okhla Industrial Area, Phase III, New Delhi 110020.
Tender Fee/cost	Rs.590/- including GST (Rupees Five hundred Ninety only) in the form of a demand draft/ pay order in favor of “ IIIT Delhi Collection ” which is non-refundable. The bidder can also make online payment of by using following details :

	NEFT Transfer A/c details are as under: Bank - HDFC Bank LTD , Okhla Industrial Area Phase –III New Delhi 110020 Beneficiary’s Name - IIIT Delhi Collections Account No - 20741110000035 IFSC code- HDFC0002074 In case of on-line payment of Tender Fees - UTR No. (For Tender Fee)
Performance Guarantee	To be submitted by L1 bidder. The bidder whose bid is accepted will be required to furnish a Performance Guarantee 3% of the tendered value of the accepted tendered amount. This guarantee shall be in the form of DD / FDR in favour of “ IIIT Delhi Collection ” payable at New Delhi-110020. Bank Guarantee of any scheduled bank drawn in favour of IIIT-Delhi. Will be returned 1 month after completion of AMC
Date for start of services	Within Seven (7) days of the Award of Contract, as per the scope of work.
Clarification/Queries, if any, can be addressed to	Email ID: admin-project@iiitd.ac.in phone no- 01126907563/564/565

(Note: The bidders having valid registration with NSIC/MSME may avail exemption from submission of EMD but must enclose valid NSIC / MSME certificate/document with registration for similar works in envelope No. 1 instead of EMD demand draft. However, all bidders irrespective of their registration with NSIC/MSME have to submit the requisite Tender Fee).

In the best interest of the IIITD and bidders, the bidders are advised to study the Institute’s Audio-Visual System on site as per the configuration/specifications/working condition as indicated in **Annexure-A** before submission of their bid. **Contractor must visit site before quoting and fully satisfy himself of the site conditions. No exemptions shall be made for lack of knowledge of site conditions. The scope of work includes:**

The interested agencies may submit their Technical Proposal along with the following documents, duly authenticated and stamped by the proprietor or authorized signatory:

If there is any addendum/corrigendum related to tender, it shall only be published on IIITD website (<https://www.iiitd.ac.in/tenders>). The Bidders are advised to check IIITD website regularly. No other mode of notice will be given.

If the last date of receiving/opening of the bids coincides with a holiday, then the next working day shall be the receiving/opening date

Scope of Work :-

1. The Audio-Visual System is located in IIITD Campus Okhla Phase-III New Delhi. The selected vendor will be required to maintain the system in the mentioned site.
2. The Vendor shall undertake contract for all items under AMC.
3. The contract shall include all components including all the parts but excludes the consumables like Lamp, Batteries, Cables (VGA, HDMI, etc.)
4. Installation of necessary firmware/updates/upgrades / patches shall be provided and carried out

as part of the contract at no extra cost wherever it is required .

5. Repairs /Replacement of all equipment/parts during CAMC period to provide smooth operation of the same.
6. Quarterly preventive maintenance of equipment under the AMC and the report for the same should be submitted for all the machines under contract.
7. The maintenance services will be provided on all working days (Monday to Saturday).
8. Provision of availability of experienced service engineers on Sundays or other holidays should be ensured in case of exigencies.
9. Additional engineer/(s) may be deputed at IITD in addition to the above resident engineers whenever there are more workload/complaints to rectify the equipment within the stipulated response time.
10. All Podiums, peripherals, accessories and their parts as mentioned in tender document will be covered under this maintenance contract.
11. The parts/accessories/components/converters/sub-assemblies used for repair/replacement by the contractor will be of the same/equivalent or higher make and functional capability as originally available in the systems. Except for consumables like Lamp, Batteries, screen fabric Cables (VGA, HDMI, etc.). The contractor must provide alternate/substitute/service parts/ /accessories/components/converters/sub-assemblies/equipment to keep the system running till the new ones to be changed arrive and are commissioned successfully. Penalty shall be levied as per Cl16 till such items are put in working order.
12. The equipment that are not serviceable by the vendor due to obsolescence of technology or non-availability of parts/components/assemblies will be withdrawn from the maintenance contract. The decision of IITD regarding non-availability and obsolescence of technology will be final. Withdrawal of such systems shall be communicated to the vendor and equivalent maintenance charges shall be deducted from the amount due to the vendor.
13. Qualification and experience of the resident engineers/technicians shall be agreeable to IITD. No frequent replacement will be allowed.
14. Comprehensive AMC includes free attendance to all service call and paid repair/replacement of all defective parts by equivalent or higher model except the consumables.
15. The vendor will be responsible for the trouble-free integrated working of the Audio-Visual System. A full time resident engineer- AV technician with minimum 10 years of experience shall be deployed to enable the same in case opted for by IITD as per BOQ.
16. Response Time: Within 8 Hrs any delay beyond that shall be penalized at Rs 500/- per day.
17. Resolution Time: After response time, the resolution time is 24 working Hrs.
18. In order to maintain the rooms up and operational, the equipment will be maintained in the good working condition at the current specification and functionality.
19. During the period of the contract the Institute will not allow any unauthorized person to handle the system in order to rectify any defect.
20. Vendors can be called for deployment of additional technician/engineers for VVIP programmers/Convocation etc. limited to 4 such events per year free of cost in addition to the Resident Engineer.

21. Any of the above mentioned systems may be withdrawn at any time during the period of contract; Maintenance charges for such equipment will be payable at pro- rata basis. Similarly equipment can be added during the period of AMC and maintenance charges will be paid pro-rata basis

Bidder Qualification Criteria

Contractors who fulfil the following requirements shall ONLY be qualified for financial bid opening (Joint Ventures are not accepted):

1. **Performance/Work Experience:** Should have satisfactorily completed the works as mentioned below during the last Seven years ending previous day of last day of submission of bid in Central Government Department/State Government Department/Central Autonomous Body State Autonomous Body / Central Public Sector undertaking. /PPL/State Public Sector undertaking /City Development Authority/Municipal Corporation of City formed under any Act by Central/State Govt. and published in Central/State Gazette and be either manufacturer or its authorized agents only.

One similar work of value not less than Rs. 12,00,000/-

OR

Two similar works, each of value not less than Rs. 9,00,000/-

OR

Three similar works, each of value not less than Rs. 6,00,000/- all amounts rounded off to a convenient full figure.

Note: Similar work shall mean: Comprehensive Annual Maintenance and Operation of Audio-Visual Equipment.

2. **Annual Financial Turnover:** Annual Turnover of minimum Rs.20.00 lakhs during the immediate last three consecutive financial years, ending on March 31, 2022 (Copy of certificate from chartered accountant to be submitted)
3. Shall have a solvency of Rs. 6.00 Lakhs. The applicant shall submit the solvency certificate, not older than six months prior to 31st Oct 2022, issued by any scheduled bank, in original.
4. Submission of requisite fee for the cost of the Tender
5. Submission of EMD or valid NSIC / MSME certificate/document.
6. The bidder must have their own service centre/operating office set up in Delhi/NCR and they should have complete tools for support /repair of audio video equipment and peripherals. (Physical inspection may be done by officials)
7. Self-attested undertaking that the firm has never been black listed by any Government Department / Ministry / Organization / PSUs / Autonomous bodies / Statutory bodies etc. (Self declaration from the bidder in company letter head, signed by authorized signatory)
8. Bidder must have sufficient Technical & supervisory staff proficient in managing the tender service (Please enclose undertaking on bidder's business letterhead signed by the authorized signatory)
9. **Only manufacturer/authorized dealer/System Integrator of Harman/Christie/Kramer OEM are eligible to bid and provide unconditional support for execution of contract as well as period of AMC. Tender specific Authorizations from Harman/Christie / Kramer needs to be attached along with bid submission. Without Authorizations from Harman/Christie / Kramer bid will be rejected/disqualified.**

10. The bidder Should have a Permanent Account Number (PAN) / GST No.
11. The bidder Should have a EPF & ESIC Registration
12. GST registration Certificate of the State in which the work is to be taken up as must to be submitted.
13. Email and mobile no. of the firm/ agency on the letter head of firm/ agency (For making correspondence).

The bidder must comply the above-mentioned eligibility conditions. If any bidder does not fulfill the same, they will be technically rejected

TERMS AND CONDITIONS

1. The contract is initially for a period of one year. The contract will be reviewed yearly, and may be extended for a period of maximum of three years. However, Institute at its discretion, can terminate the contract without citing any reason at any point of time by giving three (1) month notice. In case of termination, Institute will be liable to pay pro-rata amount to the vendor only for the period for which the AMC services availed by the Institute. On mutual consent, contract may be extended for a further period of two years on the same rates, terms and conditions.
2. The Audio-Visual System is located in IIITD Campus Okhla Phase-III, New Delhi. The selected vendor will be required to maintain the system in the mentioned site.
3. Logistics: The customer shall provide all the necessary permits, forms and documents if any required for the movement and avoidance of octroi/entry tax if any.
4. The contractors are advised to get acquainted with the proposed work and its site and special conditions carefully before tendering. No claim of any sort shall be entertained on account of any site conditions and ignorance of specifications and special conditions.
5. Prices quoted should be for Institute premises and should be all inclusive of statutory taxes, fees, cesses, any duties, levies, charges, surcharges and other components, etc. except GST which is to be shown separately.
6. During the contract period, any hardware/equipment under AMC may be removed from the contract as per the requirement of the Institute and the same will be informed to the vendor through a formal communication. In such cases, the amount against the removed AV Equipment from AMC will NOT be invoiced by the firm from the date of the Institute's communication. Similarly, any additional hardware/equipment may be added under AMC during the contract period at the AMC contract rate of the respective hardware. In case the rate for the respective hardware is not available in the contract, AMC for the same may be awarded at a mutually agreed rate as per prevailing market condition and practice in the industry. The invoice for such AV Equipment under AMC will be invoiced by the firm from the date of acceptance of the Work Order for the same.
7. The successful bidder has to submit the security deposit /performance guarantee from nationalized bank of equivalent amount of 3% of the contract value within 10 days of issue of order on awarding the contract but before execution of the agreement, to cover any loss or damage caused to or suffered by the Institute due to acts of commission and omission by the successful bidder or any failure on the part of the successful bidder in fulfillment of terms and conditions of the contract and conditions contained in the agreement. The Bank Guarantee shall have to remain valid for the entire duration of the Contract plus three months beyond the completion of contract period. The successful bidder shall not be entitled to any claim or receive any interest on the amount of performance guarantee. The EMD of the successful bidder will be refunded after submission of the performance Guarantee/Security Deposit. Successful bidder may also submit the performance guarantee in the form of demand draft payable to IIIT-Delhi Collections.
8. The rates quoted by the contractor shall be taken as net and nothing extra shall be paid on any account i.e. royalty, cartage, taxes and stacking at required places etc.
9. **The contractor shall make (4) visits during one year on quarterly basis for checking the complete system.**
10. In case of any breakdown the contractor shall visit site to attend the breakdown.

11. Payment shall be made on quarterly basis.
12. The technical proficiency and the behavior of the staff to be engaged shall be checked along with the credentials of the staff and only those who pass the above criteria shall be engaged at the site.
13. The department reserves the right to close the contract at any time during the currency of the contract and 7 days' notice will be issued to the contractor without giving any compensation.
14. The rates quoted shall be inclusive of all taxes i/c GST.
15. Escalation matrix up to the level of CEO must be provided with phone numbers and e-mail addresses of all personnel in the matrix.
16. This is purely a service contract. All the staff engaged by the contractor shall solely be his liability and this department, in no way, shall be held responsible for any compensation for any of their acts/accidents.
17. In case of any accident during the maintenance of the equipment leading to injuries, damages to human being, equipment and or loss of life, the contractor shall be fully responsible for setting all claims and indemnity. In this respect no compensation shall be made by the department. inquiry office & shall be produced as and when required by higher officer of deptt. Otherwise recovery @ Rs. 1000/- per month will be made from the bill.
18. Repair/replacement shall be done at the direction of Engineer-in-Charge to keep the system in healthy condition and with minimum down time.
19. In addition of above T&P if any special T&P shall be required, the same shall be arranged by the contractor within the scope of work for which nothing extra shall be paid.
20. Technical staff shall visit the site and check the complete system, including all of the above mentioned sub systems, once in a quarter and carry out the required preventive maintenance to avoid break downs. The service slips/ log books for every visit shall be got signed from Engineer-in-Charge regularly.
21. All installations shall be kept clean and safe from risk of Fire/Theft/Accidents and damage etc.
22. The contractor shall bring to the immediate notice of the department any defect/mal-functioning of any of the system, sub system or equipment and machinery which requires attention of the department if not otherwise covered by the scope of the contract.
23. Dismantled materials if any resulting from the replacement or repair shall be returned to the Engineer in charge
24. The rates should be inclusive of all taxes & the agency has to pay bonus to their worker /ESI/PF/Gratuity to staff engaged for this work, according to labour law as applicable.
25. Proof of deposit of provident fund and ESI contribution can be demanded any time by the Engineer in Charge.
26. The contractors shall pay the wages & allowances as applicable and revised time to time by the Govt. and submit the proof of increasing wages paid to the workers deployed for re- imbursement/claim under Clause 10C of agreement.

27. ESI & EPF shall be reimbursed to the firm as actual basis paid by the firm after production of proper documentary evidence.
28. The Contractor shall pay to the engaged staff according to minimum wages act on or before 10th day of every month by ECS or by Cheque only & submit copy of same with bill duly verified by Engineer-in-Charge.
29. The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses / registrations or proof of applying for obtaining labour licenses registration with EPFO, ESIC & BOCW welfare board.
30. All standard protocols such as wearing masks, using sanitizer, maintaining safe distancing norms must be followed by the Contractor and his workers to prevent spread of coronavirus failing which expulsion/ penalty shall be levied on the agency.
31. The workers shall be scanned for temperature before entry as per norms and actions per policy taken.
32. All workers are supposed to use identified utilities of the Institute only.
33. **Details of the Audio-Visual System items are placed at Annexure-A**

Details of Tenderer

1. Name of the Tenderer _____
2. Address _____

3. Registration _____
(Attested Photocopy of license issued by the competent authority may be attached)
4. GST No. _____
(Attested photocopy of GST certificate should be attached)
5. Year of Establishment _____
(Attested photocopy)
6. Details of contracts executed till date
(Please give details of contracts executed previously in a separate sheet, along with documentary proof thereof)

S.No.	Name of Contracts with email , phone number	Period	Govt./Educational Institutes/Semi Govt./Private

7. Details of present contracts in hand:

S. No.	Name of Contracts with email , phone number	Period	Govt./Educational Institutes/Semi Govt./Private

8. Pan Card No. _____
(Copy of the Income Tax Return filed in the previous three years may be enclosed)
9. Manpower/Resources available:
10. Earnest Money Deposit: DD No. _____ dt. _____ For Rs. 30,000/- (drawn on _____)

Certified that all the terms and conditions mentioned in the tender document are acceptable to me/us.

Signature of the Authorized Signatory
with Seal of the Agency/ Firm

NON-BLACK LISTING DECLARATION

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

UNDERTAKING REGARDING BLACKLISTING / NON – DEBARMENT

To, Registrar
IIITD Campus
Okhla Phase-III,
New Delhi-110020

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.

Signature of the Authorized Signatory
with Seal of the Agency/ Firm

FINANCIAL BID

S.NO	Description	Unit/ Qty	Qty	CAMC charges per Month	CAMC charges per annum
I	Comprehensive AMC of Audio-Visual System Installed at IIIT-Delhi Okhla Phase-III, New Delhi- 110020 (as per scope of work mentioned in the tender)	Job	12		
II	GST @ 18%				
A	Sub Total (I+II)				
I	Optional Item: Deployment of Resident Engineer-AV Technician with minimum experience of 7 years, on daily basis with a 6 day week and as per Institute calendar all inclusive.	Job	1		
II	Replacement for Projector Lamp for S.no 43 (Annexure-A)	1 No			
III	Replacement for Projector Lamp for S.no 44 (Annexure-A)	1 No			
IV	Replacement for Projector Lamp for S.no 45 (Annexure-A)	1 No			
V	Replacement for Projector Lamp for S.no 46 (Annexure-A)	1 No			
VI	Replacement for Projector LED Lamp for S.no 47 (Annexure-A)				
VII	Total Amount (I+VI)				
VIII	GST @ 18% on VII				
B	Sub Total (VII+VIII)				
A to B	Total Amount (A+B)				

Rates are all inclusive of statutory taxes, transportation, fees, cesses, duties, levies, charges, surcharges and other components,

Total Amount with (in Words) Rupees _____.

Please note:

- i) Quantity of Items may increase / decrease as per the requirement of the Institute.
- ii) Institute at its sole discretion may award AMC period for one year / two years / three years.
- iii) Installation of necessary firmware/updates/upgrades / patches wherever it is required shall be included in the contract amount and no extra will be paid on this account.
- iv) Vendor shall have no right to claim any minimum/definite/guaranteed volume of business.

Date:

Name and Signature of Bidder with
Official Seal and Mobile No.

LIST OF AV EQUIPMENT AT IIITD CAMPUS

Annexure-A

S No.	Description	Make	Models	(500) Seater	300 Event	300 Normal	100 PAX Linear	100 PAX Curved	CR-100 PAX 3	CR-100 PAX 4	Senate Room	Board Room	C01	C11	C21	C02	C03	C12	C13	C22	C23	C24	Meeting & Class Rooms	Total Qty as per Site
SH - 1	Audio - Sound Re-inforcement System																							
	Loudspeakers																							
1	FOH Left / Right Arrayable 2 way full range loudspeaker.	JBL	AM7212/64	2	2	2																		6
2	FOH Left / Right Arrayable 2 way full range loudspeaker.	JBL	AM7212/95	2	2	2																		6
3	Front / Stage Fill Left / Right 2 Way full range passive Loudspeaker	JBL	AC18/95	2	2	2																		6
	Subwoofer	JBL	ASB6118	2	2																			4
4	Way Powered Loudspeaker with Class D Amplifier.	JBL	EON612/30	2	2																			4
5	Surface-mount loudspeakers.	JBL	Control 25-1	2								4												6
6	Surface Mount Speaker.	JBL	Control 25-1				4	4	4	4	4													20
7	Speaker	Tonay	VX8										2	2										4
8	Speaker	BOSE	D540SE												3									3
9	Speaker	JBL	N108													2								2
10	Speaker	AHUJA	NA														2		2					4
	Amplifiers																							0
11	4-Channel Power Amplifier.	Crown	DCi4 1250	1	1	1																		3
12	4-Channel power amplifier.	Crown	DCi4 1250	1	1																			2
13	2-Channel Power Amplifier.	Crown	DCi2 300	2	1							1												4
14	2-Channel Power Amplifier.	Crown	DCi2 300			1																		1
15	Dual Channel Power Amplifier.	Crown	DCi2 300				1	1	1	1	1													5
16	Amplifier	Crown	XLS 1000										1	1										2
17	Amplifier	Crown	XLS 1002												1									1
18	Amplifier	QSC	RMX850												1									1
19	Amplifier	AHUJA	UB-30														1							1
20	Amplifier	AHUJA	UTR-30E															1	1					2
	Mixers and processors																							0
21	Digital Audio Mixing Console.	Sound Craft	Si Expression 2	1	1																			2
22	Audio Digital Signal Processor.	Extron	DMP 128	1	1	1																		3
23	Audio Digital Signal Processor.	Extron	DMP 64				1	1	1	1	1	1												6
24	Processor	Bose	SP-24												1									1
25	Mixer	Crown	G28MCE										1	1										2
26	Mixer	YAMAHA	MG206C												1									1
27	Mixer	YAMAHA	MG06													1								1
28	Mixer	Nexia	Nexia-cs										1	1										2
	Microphones																							0
29	Handheld microphone.	AKG	D5	4	3	2																		9
30	UHF wireless handheld microphone.	AKG	WMS420 vocal	3	2	1	1	1	1	1	0													10
31	UHF wireless Lapel microphone.	AKG	WMS420 Presenter	1	1	1	1	1	1	1	1	1												9
32	Gooseneck microphone.	AKG	GN50 ESP + CK31	3	2	2	1	1	1	1														11
33	Chairman Gooseneck conference microphone.	Bosch	CUSD-DL								1	1												2
34	Delegate Gooseneck conference microphone.	Bosch	CUSD-DL								28	18												46
35	Central Conference Controller.	Bosch	CUSD-CU								1	1												2
36	Cordless mic	Shure	SLX4 (2PIC										1		1									2
37	Cordless mic	Studio master	ER58											1										1
38	Cordless mic	Shure	BLX4M17										1	1	1									3
39	Cordless mic	Shure	SVX4													1	1		1					3
40	Cordless mic	SENNHEISSER																1						1

LIST OF AV EQUIPMENT AT IIITD CAMPUS

Annexure-A

S No.	Description	Make	Models	(500) Seater	300 Event	300 Normal	100 PAX Linear	100 PAX Curved	CR-100 PAX 3	CR-100 PAX 4	Senate Room	Board Room	C01	C11	C21	C02	C03	C12	C13	C22	C23	C24	Meeting & Class Rooms	Total Qty as per Site
41	Podium mic	AHUJA	GMB-6C										1											1
42	Podium mic	BTL	BD-2080											1	1		1							3
SH - II	Video - Projection and Presentation System																							0
43	Projector consisting of Lumen : 7000 ANSI Lumens	Christie	LWU701i-D + lens	1	1	1																		3
44	Projector consisting of Lumen : 5000 ANSI Lumens	Christie	LWU 502				1	1	1	1	1													5
45	Projector	SONY	VPL-CH355									1	1	1	1								17	21
46	Projector	LG	BX327-JD / BG630-JL /BD460-SL													1	1	1	1	1	1	1	9	16
47	Projector	Sony	VPL-PHZ-50													1								1
48	Tablet	Wacom	DTU-1631 & 1632 , 1633										1	1	1									3
49	Fixed Projector Mounting Kit	Customised	Customised	1	1	1	1	1	1	1	1	1												9
50	Fixed Projection screen consisting of Diagonal Screen Size : 297" diagonal Aspect Ratio : 16:10 Fabric : Matt White Complete with MS fabricated mounting frame, with standard accessories	Suvira	Suvira	1																				1
51	Motorised Screen consisting of : Diagonal Screen Size : 94" Aspect Ratio : 16: 10 IR Remote : Yes Required Fabric : Matt White Relay controller : Supplied with Low Voltage/ High voltage relay complete with standard accessories	Suvira	Suvira								1													1
52	Fixed Projection screen consisting of Diagonal Screen Size : 288" diagonal Aspect Ratio : 16:10 Fabric : Matt White Complete with MS fabricated mounting frame, with standard accessories	Suvira	Suvira		1	1																		2
53	Motorised Screen consisting of : Diagonal Screen Size : 123" Aspect Ratio : 16: 10 IR Remote : Yes Required Fabric : Matt White Relay controller : Supplied with Low Voltage/ High voltage relay complete with standard accessories	Suvira	Suvira				1	1	1	1		1												5
54	Projector screen	TELON	TELON										1	1	1	1	1	1	1	1	1	1	15	25
55	Wooden cabinet Podium consisting of Design : AS per room aesthetic Facility	Customised	Customised	1	1	1	1	1	1	1	1													8
56	Wooden cabinet Podium												1	1	1	1	1							5
57	Passive Wall Plate with HDMI & VGA & AUDIO ports.	Kramer	WXA-H	1	1	1	1	1	1	1														7
58	Full HD Gooseneck Visualizer	Lumens	DC193	1	1	1																		3
59	Presentation Switcher cum Scalar	Crestron	DM-MD 8X1-4K-C			1					1													2
60	Digital Scaling Matrix Switcher	Crestron	Dmps3-300-C / C2NIO	1		1																		2
61	8 or more button based controller system	Crestron	MPC-M10	1	1	1	1	1	1	1	1	1												9
62	cable cubby with Tilt up lid, Black anodised or powder coated finish, pass through holes for HDMI & VGA, audio connectivity, Multiregion AC Power	Crestron	FT-600+ FTA=PWR 262								2	1												3
63	Collaboration Wireless Presentation System	Crestron	AM101								1													1

LIST OF AV EQUIPMENT AT IIITD CAMPUS

Annexure-A

S No.	Description	Make	Models	(500) Seater	300 Event	300 Normal	100 PAX Linear	100 PAX Curved	CR-100 PAX 3	CR-100 PAX 4	Senate Room	Board Room	C01	C11	C21	C02	C03	C12	C13	C22	C23	C24	Meeting & Class Rooms	Total Qty as per Site
64	HDMI Twisted pair receiver	Crestron	DM-RMC-4K-110 C								2													2
65	Three input twisted pair transmitter	Crestron	DM-TX-4K-302 C	1	1	1	1	1	1	1	2	1												10
66	1.8 Mtrs. HDMI - HDMI Cable	Crestron	CBL-HD-6	5	5	5	5	5	5	5	5	4												44
67	2.5 Mtrs. HDMI - HDMI Cable	Crestron	CBL-HD-12	1	1	1	1	1	1	1														7
68	1.8 Mtrs. VGA - VGA with audio Cable	Crestron	CBL-VGA-AUD-6	1	1	1	1	1	1	1	1	4												12
69	Shielded RJ 45 Connectors for shielded twisted pair cable	Crestron	DM-8G-CONN-100	15	12	10	4	4	4	4	8	4												65
70	19inch Equipment Rack	Valrack/Comrack /President	Valrack/Comrack/President	1	1	1	1	1	1	1	1	1												9
71	500 Seater Stage Junction Box to Switch Over	Customised	Customised	1																				1
72	Extron cat6 ext	Extron	DMP128CAT										2	1			1							4