BID DOCUMENT

Two Packet e-tenders are invited for

Setting Up of Studio, Network Operating Centre (NOC) in IGNOU Campus, New Delhi.

(*In theCentre for Online Education (COE) and Computer Division of Block-A*)

And

Rate contract for Setting Up of Studio in Regional Centers of IGNOU on PAN India Basis.

PART-II- FINANCIAL BID

EdCIL (India) Limited
(A Govt. of India Mini Ratna Enterprises)
'EdCIL House', Plot No. 18A, Sector- 16A
NOIDA – 201301 (UP), INDIA

Dated: 29.06.2024

This document is serially numbered from page number 01 to18.

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.

2. The Bidder should quote for all the items listed in this document. In case, the Bidder/s does not quote for all the items, the Bid shall be treated as incomplete and shall be rejected summarily.

3. The Items to be supplied/ installed/Tested/ commissioned:
   a. **Part-A & Part-B of the BoQ**: at IGNOU Campus ,New Delhi.
   b. **Part-C of the BoQ** : at various Regional Centers of IGNOU on PAN India Basis.
   c. **For Part-A,B & C , rates shall be quoted including three year Comprehensive warranty from the date of successful Installation & handing over.**

4. **The items rate quoted for Part-C shall be valid for a period of 3 years and shall be taken up by EdCIL during the said period as and when requirements arises from the IGNOU. The vendor should include all expenses to work out the final cost which shall be valid for a period of 3 years from date of issuance of the work order.**

5. **The model of equipment/items offered shall be available with OEM/in the market for the next 5 years after completion of the work to support maintenance. However in case the said product is not available due to the closure of the OEM, then the bidder shall provide an equivalent alternative product for the smooth functioning of the system.**

6. The rate shall be inclusive of all charges including transportation (as per the location), packing, loading and unloading (at designated location),storage and Insurance etc. and nothing shall be paid extra.

7. The bid shall be evaluated on the total value of all items as shown in the summary and a supply order shall be placed to a bidder as a composite bid.

8. The prices quoted by the bidder shall be fixed for the quantity mentioned for the duration of the contract and shall not be subject to adjustment on any account. Price should be firm for any positive or negative variation in quantities up to 100%.

9. Price bid has to be filled online on EdCIL's E-tendering Portal. In case, the financial bid documents are not complete in all respects the same should be treated as incomplete at the financial bid stage and shall be considered non-responsive.

FINANCIAL BID SUBMISSION FORM

To:

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

Dated: ___/___/2024
Dear Sir,

We, the undersigned, offer to provide***"Setting Up of Studio and Network Operating Centre in IGNOU Campus, New Delhi and Setting Up of Studio in Regional centers of IGNOU on Pan India basis"***. In accordance with your request for proposal dated 29.06.2024.

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 Price Bid. 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.

Yours sincerely,

Authorized Signature {In full and initials}:
Name and Title of Signatory:
In the capacity of:
Address:
E-mail:

PRICE BID FORMAT (Prices to be filled in Excel sheet)

FINANCIAL BID

Note: 1) Refer to detail Technical Specifications of Item/s in Annexure -I of the Technical Bid.

2) **The model of equipment/items offered shall be available with OEM/in the market for the next 5 years after completion of the work to support maintenance. However in case the said product is not available due to the closure of the OEM, then the bidder shall provide an equivalent alternative product for the smooth functioning of the system.**

PART-A

MULTICAM STUDIO (Quantities shown below are for 01 No. of Studio)

S.No.	DESCRIPTION OF EQUIPMENT	Approved Makes	QTY	Units	Unit Price Incl. Taxes	Total Price Incl. Taxes
1	**BROADCAST QUALITY 4K CAMCORDER**					
1.01	4K30 Camcorder System	Sony/ Panasonic/ Canon	2	Nos.		
2	**TRIPOD SYSTEM**					
2.01	Tripod For Camera and Teleprompter Load	Manfrotto/ Libec/ Hako/ Kratos	1	No.		
2.02	Tripod For Camera Load	Manfrotto/ Libec/ Hako/ Kratos	1	No.		
3	**TELEPROMPTOR SYSTEM**					
3.1	Teleprompter System with 17" Display Monitor & Talent Monitor	Autoscript/ Cue Script/ Cronus/ Samvad	1	No.		
3.2	Teleprompter Terminal PC for Scripting Software	HP/Dell/Lenovo	1	No.		
4	**TEACHING GEAR**					
4.01	Creative Pen Display	Huion/Wacom/ XP-Pen	1	No.		
4.02	Desktop PC for Pen Display & Individual Operations	HP/ Dell/ Lenovo	1	No.		
4.03	21" Touch Screen Monitor	HP/ Dell/ Viewsonic	1	No.		
5	**MICROPHONES**					
5.01	Wireless UHF Lavalier Microphone Set	Sennheiser/ Harman/ Audio Technica	4	Nos.		
5.02	Wireless UHF Handheld Microphone Set	Sennheiser/ Harman/ Audio Technica	1	No.		
6	**STUDIO LED LIGHTS**					

6.01	LED Shooting Light - For U Shaped Croma Set	Leksa/ Shenoy/ Kodak/ Canare	20	Nos.		

PRODUCTION CONTROL ROOM

7	**VIDEO PRODUCTION SWITCHER**					
7.01	Video Production Switcher	Panasonic/ Data Video/ Ross Video/ Blackmagic Design	1	No.		
8	**AUDIO MIXER**					
8.01	Audio Mixer	Yamaha/ Harman/ Allen & Heith	1	No.		
9	**AUDIO VIDEO MONITORING**					
9.01	43 inch Ultra HD (4K) Display Panel for Multiviewer	Sony/ Panasonic/ Samsung/ LG	1	No.		
9.02	Professional Semi-Open Stereo Headphones	Sennheiser/ Harman/ Audio Technica	2	Nos.		
10	**TALKBACK & COMMANDS**					
10.01	Intercom System with 5 Beltbacks *	RTS/ Datavideo/ Fisher AV	1	No.		
10.02	Wired Ear Piece	Telex/ Sennheiser/ Audio Technica	5	Nos.		
10.03	5" Two-Way Studio Monitor	Yamaha/ Harman/ Presonus	3	Nos.		
11	**PHONE IN UNIT**					
11.01	Digital Hybrid - Telephone Audio Interface	Telos/ AEQ/ JK Audio/ T-HYB	1	No.		
12	**DIGITAL RECORDER/PLAYER**					
12.1	Dual SSD File Based Recorder & Player	Datavideo/ AJA/ Blackmagic Design	1	No.		
13	**VIDEO ENCODER - SRT SUPPORT**					
13.01	HD/3G-SDI Wired H.264 Video Streaming Encoder	Kiloview/ Matrox/ Blackmagic Design/ Datavideo	1	No.		
14	**MINI CONVERTER**					
14.01	3G-SDI/HDMI Scaling Cross Converter	AJA/ Avmatrix/ Blackmagic Design/ Yellobrik	3	Nos.		

14.02	1x4 3G-SDI Distribution Amplifier	AJA/ Avmatrix/ Blackmagic Design/ Yellobrik	1	No.		
15	**IP PHONE (VoIP HOTLINE NETWORK)**					
15.01	IP Phone	Cisco/ Snom/ Avaya/ Poly	1	No.		
16	**8 PORT POE ETHERNET SWITCH**					
16.01	**Ethernet Switch** 8 Port High Power PoE Switch	Netgear/ Cisco/ D-Link	1	No.		

ACOUSTICS, SEMI-CIVIL, ELECTRICAL, AIRCONDITIONER & UPS SYSTEM

17	**ACOUSTICS AND SEMI-CIVIL WORKS :** Semi Civil / Acoustical Treatment & Soundproofing work of Complete Technical Area Including Studio and PCR Area along with anti-termite treatment of the wall & floor.					
	Technical Area - 24' x 16' x 12' Feet (L x W x H) **Studio Area - 18' x 16' x 12'**					
17.01	**Walls Treatment** Upto 3 feet from floor- Rockwool of 48 kg density to be filled between wall and 12 mm thick ply which will be finished with Laminate (Studio & PCR Walls). Above 3 feet - Rockwool of 48 kg density to be filled between Wall and the perforated Gypsum. The complete treatment should be done by provisioning a frame on walls made of GI Studs.	Please refer Annexure-I	1408	SqFt		
1.702	**Gypsum Partition between Studio & PCR** Providing and Fixing of Gypsum Partitions Between Studios and PCR Area on GI Frame with Rockwool of 48 kg density to be filled between partition wall and 12 mm thick ply which will be finished with Laminate. Above 3 feet - Rockwool of 48 kg density to be filled between Wall and the perforated Gypsum.	Please refer Annexure-I	192	SqFt		
17.03	**Acoustical Ceiling**Providing and Fixing of Acoustic Grid Ceiling 2' x 2' with 15 mm grid system (NRC 0.7) and supports as required.	Please refer Annexure-I	384	SqFt		

17.04	**Acoustical Door for PCR & Studio** Providing and fixing of Acoustic 55 mm thick single leaf Door of size 7' x 3' with vision panel of 1' x 1' and the door hardware including door closer, handle, lock and a door stopper	Please refer Annexure-I	2	Nos.		
17.05	**Observation Window** Providing of 8 mm thick Sandwitched (Dual) Toughened Glass Window for Observation between Studio and PCR of size 4' x 3'. Includes Wood Framing & Sealing.	Please refer Annexure-I	12	SqFt		
17.06	**Fixed Croma Set** Providing and fixing of Green Chroma Set of 16 x 16 x 16 Feet on 3 Walls with 8 Feet Height made up of plywood frame and a high quality mat fiinish carpet of green color.	Please refer Annexure-I	1	No.		
17.07	**Anchor Table** Providing and Fixing of Curved Anchor Table of Size 12'x3'x2.5' (WxDxH) with laminate finish and proper edge binding in suitable ply. The table should have provision for housing Buyer's Logo from Front in minimum size of 1'x1'.	Please refer Annexure-I	1	No.		
17.08	**PCR Technical Table** Providing and Fixing of Technical Table at PCR of size 8' x 3' x 2.5' (WxDxH) with laminate finish and proper edge binding in suitable ply.	Please refer Annexure-I	1	No.		
17.09	**Studio Lightening Grid** Providing and Installation of MS (Round Tube of 50mm dia) for Studio Lighting grid of 4'x4' spacing. The structure should be painted in black colour with proper base of primer allpied before the paint.	Please refer Annexure-I	384	SqFt		
17.10	**Carpet Flooring** Provisioning & Fixing of 550gsm 50x50 cm thick carpet tiles with rubber base density. Should Includes Pasting with high quality SR adhesive.	Please refer Annexure-I	384	SqFt		
17.11	**Cable Tray** Providing & Fixing of wooden cable tray 3"x3" covered on top with removable cover for AV cabling placed on the ground along walls or partitions.	Please refer Annexure-I	30	Rft		
17.12	**Mounting Arrangements for LED Display** Providing provision for placing the 50 " LED screen on the studio wall and & discussion set over wall and/or over floor stand as per asthetic looks.	Please refer Annexure-I	1	No.		

17.13	**Paint Work** Providing & applying on all exposed raw surface etc., with Plastic Emulsion Paint of 'Asian Paints', 'Nerolac' or equivalent make as per the manufacture's specification with a brush & roller,. After leveling the surface to a smooth finish with the help of putties, etc.	Please refer Annexure-I	1	Lot		
17.14	**Chairs for Guests & Anchor**	Please refer Annexure-I	4	Nos.		
17.15	**Computer Chair for Technician**	Please refer Annexure-I	1	No.		
18	**ELECTRICAL WORKS FOR TECHNICAL AREA**					
	Electrical devices will be ISI marked and will be from renowned manufacturers only.					
18.01	Providing and Laying of 1", 1.5" & 2" PVC Pipes for high rise electrical installations and concealment of cables at required areas.	Please refer Annexure-I	1	Lot		
18.02	Providing and Laying Power Extension for Air-conditioners.	Please refer Annexure-I	7	Nos.		
18.03	Providing and Laying of Shooting Light Wiring, Raceway & Shooting Light Sockets for 20 points on lighting grid	Please refer Annexure-I	20	Nos.		
18.04	Providing and fixing of LED Ceiling Lights (600x600mm) in STUDIO	Please refer Annexure-I	6	Nos.		
18.05	Providing and fixing of LED Ceiling Lights (600x600mm) in PCR	Please refer Annexure-I	2	Nos.		
18.06	Providing and Fixing MCB Junction (Distribution Box)	Please refer Annexure-I	1	No.		
18.07	Providing of Power points - Qty 7 of 15 Amps and Qty 7 of 5 Amps on Studio walls	Please refer Annexure-I	14	Nos.		
18.08	Providing of Power points - Qty 10 of 15 Amps and Qty 10 of 5 Amps on PCR walls	Please refer Annexure-I	20	Nos.		

18.09	Providing Panel Connectivity with UPS System & Further to Technical Area	Please refer Annexure-I	1	Lot		
18.10	Miscellaneous Power Cables, Power Extension Strips & Points etc. as per Workflow Requirement	Please refer Annexure-I	1	Lot		
19	**SPLIT AIRCONDITIONING FOR STUDIO & PCR AREA**					
19.01	**Airconditioning for Studio & PCR Area** 1.5 Ton 5 Star Split AC, Copper Condenser Includes: Required Installation with Additional Copper Pipes, Power Cables, Power Sockets Etc.	LG/ DAIKEN/ VOLTAS/ SAMSUNG	3	Nos.		
20	**ONLINE UPS SYSTEM**					
20.01	**10KVA Online UPS System with Inbuilt Battery Bank** **10**KVA Online UPS Battery Bank for 25 Minutes Backup 3 Phase in: 3 Phase Out	APC/ Luminous/ Tata Libert/ Eaton	1	No.		
21	**SAFETY & SURVEILLANCE**					
21.01	**Fire Extinguisher** Refer Technical Specification					
21.02	**CCTV Camera** Refer Technical Specification					
22	**INTEGRATION MATERIAL**					
22.01	**Integration Material** Installation material - 1 Lot of professional grade installation material including Wireless LAN Router, AV & LAN cables, HDMI Splitters, connectors, ferruels, ties, sockets etc.	Canare/ Beldon/ Ravtron/ Manhattan/ Netgear etc.	1	Lot		
23	**SERVICES**					
23.01	**SITC & Engineering Support Services - DELHI NCR** Systems Supply System Installation, Commissioning & Training Services Engineering support services for One Year	Bidder	1	Lot		
A-1.	**TOTAL AMOUNT INCL.GST WITH ONE YEAR WARRANTY**					
A-2	**COMPREHENSIVE MAINTENANCE FOR SECOND-YEAR INCL. GST**					
A-3	**COMPREHENSIVE MAINTENANCE FOR THIRD-YEAR INCL. GST**					

PART-B-Network Operating Centre (NOC)

NOC - MONITORING, RECORDING, TURNAROUND AND PLAYOUT PRODUCTION FACILITY

S.No.	DESCRIPTION OF EQUIPMENT	Approved Makes	QTY	Units	Unit Price Incl. Taxes	Total Price Incl. Taxes
1	**H.264/H.265 IP VIDEO DECODER**					
1.01	HD IP to SDI/HDMI Video Decoder	Matrox/ Kiloview/ Datavideo/ Magewell	8	Nos.		
2	**16 CHANNEL MULTIVIEWER/SWITCHER**					
2.01	16-Channel 3G-SDI Multiviewer and Switcher	Apantac/ Avmatrix/ Blackmagic Design	2	Nos.		
3	**3G-SDI ROUTER**					
3.01	32x32 Compact 3G-SDI Router with Redundant Power Supply	Imagine/ AJA/ Ross Video/ Blackmagic Design	1	No.		
3.02	Remote Control Panel	Imagine/ AJA/ Ross Video/ Blackmagic Design	1	No.		
4	**DIRECT LED DISPLAY PANEL FOR MONITORING**					
4.01	4K UHD Commercial/Professional LED displays - 500 Brightness	Sony/ Panasonic/ Samsung/ Philips	2	Nos.		
5	**PROFESSIONAL HEADPHONES**					
4.02	Professional Semi-Open Stereo Headphones *Specs Attached*	Sennheiser/ Harman/ Audio Technica	2	Nos.		
6	**PLAYOUT & PRODUCTION SERVER**					
6.01	Playout & Production Server	Dell/ HP/ Supermicro	8	Nos.		
6.02	Point-to-Point KVM Entenders for Production Servers (Local & Remote End Device in Pair)	ATEN, KVM-Tec, IHSE	9	Nos.		

7	**MULTICHANNEL RECORDING & STORAGE**					
7.01	Portable Four Multichannel H.264 USB 3.0 Recorder/Player	Datavideo/ AJA/ Atomos/ Blackmagic Design	2	Nos.		
7.02	240 TB RAW NAS Storage with Dual Controller	Infortrend/ QSAN/ DDP/ Promise	1	No.		
8	**NETWORKING**					
8.01	24 Port Ethernet Switch	Cisco/ Netgear/ TP-Link	2	Nos.		
9	**MINI CONVERTER**					
9.01	Mini Converter SDI Distribution	AJA/ Avmatrix/ Blackmagic Design/ Datavideo	8	Nos.		
9.02	3G-SDI/HDMI Scaling Cross Converter	AJA/ Avmatrix/ Blackmagic Design/ Datavideo	2	Nos.		
10	**PC FOR CONTROL & CONFIGURATIONS**					
10.01	Desktop PC for Control & Configurations	HP/ Dell/ Lenovo	1	No.		
11	**VoIP NETWORK (CUG HOTLINE)**					
11.01	IP PBX (Configured with 30 IP Licneses)	Cisco/ Snom/ Avaya/ Poly	1	No.		
11.02	IP Phone	Cisco/ Snom/ Avaya/ Poly	6	No.		
11.03	Ethernet Switch PoE Switch for Powering IP Phones	Netgear/ Cisco/ D-Link/ TP-Link	1	No.		
12	**TECHNICAL FURNITURE**					
12.01	PCR Tables	Customized)	2	Nos.		
12.02	Computer Chair for Technician	Please refer Annexure-I	5	Nos.		
13	**SPLIT AIRCONDITIONING FOR STUDIO & PCR AREA**					
13.01	Airconditioning	Daiken/ Mitsubishi/ Samsung/ LG	3	Nos.		
14	**ONLINE UPS SYSTEM**					

14.01	10KVA 1+1 Redundant Online UPS System with Single Battery Bank	APC/ Luminous/ Tata Libert/ Eaton	1	No		
15	**ELECTRICAL WORKS**					
14.02	Electrical Work as per Electrical Workflow Requirement for Complete Technical Area	Havels, Polycab, Finolex, Syska, Philips and Equivalent	1	Job		
16	**SAFETY & SURVEILLANCE**					
16.01	Fire Extinguisher	Industry Standard with Safety Certification	2	Nos.		
16.02	CCTV Camera	CP-Plus/ Hikvision/ Bosch/ Philips	3	Nos.		
17	**INTEGRATION MATERIAL**					
17.01	Integration Material For Server Room & NOC (Distance Between Server Room & NOC is Approx 50 Mtrs.)	Canare, Beldon, Ravtron, Manhattan, Cisco, Netgear, TP-Link and/or Equivalent	1	Lot		
18	**SERVICES**					
18.01	SITC & Engineering Support Services Systems Supply System Installation, Commissioning & Training Services On-site engineering support Services for Three Year Warranty Services for 3 Years * Refer Technical Specifications Section for Details		1	Lot		
B-1	**TOTAL AMOUNT INCL.GST WITH ONE YEAR WARRANTY**					
B-2	**COMPREHENSIVE MAINTENANCE FOR SECOND-YEAR INCL.GST**					
B-3	**COMPREHENSIVE MAINTENANCE FOR THIRD-YEARINCL. GST**					

PART-C-(Rate Contract for a Period of 3 years)

REGIONAL CENTERS across PAN India – CLASSROOM STUDIO WITH LIVE STREAMING

S.No.	DESCRIPTION OF EQUIPMENT	Approved Makes	QTY	Units	Unit Price Incl. Taxes	Total Price Incl. Taxes
1	**TEACHER CAMERA**					
1.01	Broadcast Quality Full HD PTZ Camera System	Sony/ Ross Video/ Panasonic/ Datavideo	1	No.		
2	**TRIPOD SYSTEM**					
2.01	Tripod For Above Camera	Manfrotto/ Libec/ Hako/ Kratos	1	No.		
3	**TEACHING GEAR**					
3.01	Creative Pen Display	Huion/ Wacom/ XP-Pen	1	No.		
3.02	Desktop PC for Pen Display & Individual Operations	HP/ Dell/ Lenovo	1	No.		
3.03	21" Touch Screen Monitor	HP/ Dell/ Viewsonic	1	No.		
4	**AUDIO VIDEO MONITORING/PREVIEW**					
4.01	43 inch Ultra HD (4K) LED Smart Android TV With Wall Mount	Sony/ Panasonic/ Samsung/ Philips	1	No.		
4.02	Professional Semi-Open Stereo Headphones	Sennheiser/ Harman/ Audio Technica	2	No.		
5	**VIDEO PRODUCTION SWITCHER**					
5.01	Video Production Switcher	Panasonic/ Ross Video/ Datavideo/ Blackmagic Design	1	No.		
5.02	Tablet for Wireless Control of Above Switcher	Apple or Equiv.	1	No.		
6	**VIDEO ENCODER - SRT SUPPORT**					

6.01	HD/3G-SDI Wired H.264 IP Video Streaming Encoder	Kiloview/ Matrox/ Blackmagic Design/ Datavideo	1	No.		
7	**AUDIO MIXER**					
7.01	Audio Mixer	Yamaha/ Harman/ Allen & Heith	1	No.		
8	**MICROPHONES**					
8.01	On-Table Cardioid Boundary Microphone	Sennheiser/ AKG/ Audio Technica	1	No.		
8.02	Wireless UHF Lavelier Microphone Set	Sennheiser/ Harman/ Audio Technica	1	No.		
8.03	Stereo In-Ear Wireless Monitoring System	Audio Technica/ Harman/ Shure/ Sennheiser	1	No.		
9	**SINGLE LINE TELEPHONE HYBRID**					
9.01	Telephone Audio Interface	Telos/ AEQ/ JK Audio/ T-HYB	1	No.		
10	**MINI CONVERTER**					
10.01	3G-SDI/HDMI Scaling Cross Converter	AJA/ Avmatrix/ Blackmagic Design/ Yellobrik	4	Nos.		
10.02	1x4 3G-SDI Distribution Amplifier	AJA/ Avmatrix/ Blackmagic Design/ Yellobrik	1	No.		
11	**IP PHONE (VoIP HOTLINE NETWORK)**					
11.01	IP Phone	Cisco/ Snom/ Avaya/ Poly	1	No.		
12	**8 PORT POE ETHERNET SWITCH**					
12.01	Ethernet Switch	Netgear/ Cisco/ D-Link	1	No.		
13	**STUDIO LED LIGHTS**					
13.01	LED Shooting Light	Leksa/ Shenoy/ Kodak/ Canare	6	Nos.		

14	**REAL SETS, ACOUSTICS & TECHNICAL FURNITURE:** Semi Civil / Acoustical Treatment & Soundproofing work of Complete Technical Area Including Studio and PCR Area **Class Room Size Recommendation 20' x 15' x 12' Feet (L x W x H)**						
14.01	**Walls Treatment** Upto 3 feet from floor- Rockwool of 48 kg density to be filled between wall and 12 mm thick ply which will be finished with Laminate (Studio & PCR Walls). Above 3 feet - Rockwool of 48 kg density to be filled between Wall and the perforated Gypsum. The complete treatment should be done by provisioning a frame on walls made of GI Studs.	Please refer Annexure-I	840	SqFt			
14.02	**Sealing of Windows & Other Openings** Providing and Concealment of Glass Windows with Byson Board. The byson board joints to be levelled at wall surface with high quality putty filment.	Please refer Annexure-I	200	SqFt			
14.03	**Acoustical Ceiling** Providing and Fixing of Acoustic Grid Ceiling 2' x 2' with 15 mm grid system (NRC 0.7) and supports as required.	Please refer Annexure-I	300	SqFt			
14.04	**Acoustical Door for PCR & Studio** Providing and fixing of Acoustic 55 mm thick single leaf Door of size 7' x 3' with vision panel of 1' x 1' and the door hardware including door closer, handle, lock and a door stopper	Please refer Annexure-I	2	Nos.			
14.05	**Observation Window** Providing of 8 mm thick	Please refer Annexure-I	12	SqFt			

	Sandwitched (Dual) Toughened Glass Window for Observation between Studio and PCR of size 4' x 3'. Includes Wood Framing & Sealing.						
14.06	**Fixed Croma Set** Providing and fixing of Green Chroma Set of 8' (W) x 8' (H) made up of plywood frame and a high quality mat fiinish carpet of green color.	Please refer Annexure-I	1	No.			
14.07	**Anchor Table** Providing and Fixing of Anchor Table of Size 7'x3'x2.5' (WxDxH) with laminate finish and proper edge binding in suitable ply. The table should have provision for housing Buyer's Logo from Front in minimum size of 1'x1'.	Please refer Annexure-I	1	No.			
14.08	**Technical Table** Providing and Fixing of Technical Table at PCR of size 8' x 3' x 2.5' (WxDxH) with laminate finish and proper edge binding in suitable ply.	Please refer Annexure-I	1	No.			
14.9	**Carpet Flooring**Provisioning & Fixing of 550gsm 50x50 cm thick carpet tiles with rubber base density. Should Includes Pasting with high quality SR adhesive.	Please refer Annexure-I	300	SqFt			
14.10	**Mounting Arrangements for LED Display** Providing provision for placing the 50 " LED screen on the studio wall and & discussion set over wall and/or over floor stand as per asthetic looks.	Please refer Annexure-I	1	No.			
14.11	**Cable Tray** Providing & Fixing of wooden cable tray 3"x3" covered on top with removable cover for AV cabling placed on the ground along walls or partitions.	Please refer Annexure-I	25	Rft			

14.12	**Paint Work** Providing & applying on all exposed raw surface etc., with Plastic Emulsion Paint of 'Asian Paints', 'Nerolac' or equivalent make as per the manufacture's specification with a brush & roller,. After leveling the surface to a smooth finish with the help of putties, etc.	Please refer Annexure-I	1	Lot			
14.13	**Executive Chair for Teacher- Swivel Chair**	Please refer Annexure-I	1	No.			
14.14	**Computer Chair for Technician**	Please refer Annexure-I	1	No.			
15	**Electrical Works for Technical Area**						
15.01	Electrical Work as per Electrical Workflow Requirement for Complete Technical Area	Inudustry Standard	1	1 Lot			
16	**SPLIT AIRCONDITIONING FOR STUDIO & PCR AREA**						
16.01	**Airconditioning for Studio & PCR Area** 1.5 Ton 5 Star Split AC, Copper Condenser Includes: Required Installation with Additional Copper Pipes, Power Cables, Power Sockets Etc. *Specs Attached*	LG/ DAIKEN/ VOLTAS/ SAMSUNG	2	Nos.			
17	**ONLINE UPS SYSTEM**						
17.01	**6KVA Online UPS System with Inbuilt Battery Bank** **6**KVA Online UPS Battery Bank for 25 Minutes Backup 1 Phase in: 1 Phase Out	APC/ Luminous/ Tata Libert/ Eaton	1	No.			
18	**SAFETY & SURVEILLANCE**						
18.01	Fire Extinguisher	Industry Standard with Safety Certification	1	No.			
18.02	CCTV Camera	CP-Plus/ Hikvision/	2	Nos.			

		Bosch/ Philips					
19	**3D LAYOUT DRAWINGS**						
19.01	3D Drawing * Min. 2 x 3D Drawing Layouts for Look and Feel Purpose of the Studio to be Submitted by the Firm with award of contract		2	Nos.			
20	**INTEGRATION MATERIAL**						
20.01	**Integration Material** Installation material - 1 Lot of professional grade installation material including Wireless LAN Router, AV & LAN cables, HDMI Splitters, connectors, ferrules, ties, sockets etc.	Canare/ Beldon/ Ravtron/ Manhattan/ Netgear etc.	1	Lot			
21	**SERVICES**						
21.01	**SITC & Engineering Support Services - PAN INDIA** Systems Supply System Installation, Commissioning & Training Services Engineering support services for One Year	Bidder	1	Lot			
C-1	**TOTAL AMOUNT INCL.GST WITH ONE YEAR WARRANTY**						
C-2	**COMPREHENSIVE MAINTENANCE FOR SECOND-YEAR INCL.GST**						
C-3	**COMPREHENSIVE MAINTENANCE FOR THIRD-YEARINCL. GST**						

PRICE BID FORMAT (Prices to be filled in excel sheet)
SUMMARY OF FINANCIAL BID

S. No.	Description of Items	Nos	Rate / Each	Amount (Inclusive of Tax) (Rs.)
	Setting Up of Studio and Network Operating Centre in IGNOU Campus, New Delhi and Setting Up of Studio in Regional centers of IGNOU on Pan India basis			
	PART-A			
A-1.	**MULTICAM AV STUDIO & PRODUCTION CONTROL ROOM WITH ONE YEAR COMPREHENSIVE WARRANTY**	2		
A-2	**COMPREHENSIVE MAINTENANCE FOR SECOND-YEAR**	2		
A-3	**COMPREHENSIVE MAINTENANCE FOR THIRD-YEAR**	2		
	TOTAL PRICE BID PART-(A)= (A-1)+(A-2)+(A-3)			
	PART-B			
B-1	**NETWORK OPERATING CENTER - MONITORING, RECORDING, TURNAROUND AND PLAYOUT PRODUCTION FACILITY WITH ONE YEAR WARRANTY**	1		
B-2	**COMPREHENSIVE MAINTENANCE FOR SECOND-YEAR**	1		
B-3	**COMPREHENSIVE MAINTENANCE FOR THIRD-YEAR**	1		
	TOTAL PRICE BID PART -(B)= (B-1)+(B-2)+(B-3)			
	PART-C(Rate Contract for a Period of 3 Years)			
C-1	**REGIONAL CENTERS – CLASSROOM STUDIO WITH LIVE STREAMING**	1		
C-2	**COMPREHENSIVE MAINTENANCE FOR SECOND-YEAR**	1		
C-3	**COMPREHENSIVE MAINTENANCE FOR THIRD-YEAR**	1		
	TOTAL PRICE BID PART- (C)= (C-1)+(C-2)+(C-3)			
Total Price Bid PART(A) + PART(B) +PART (C) (Inclusive of taxes)				
Total Price Bid PART(A) + PART(B) +PART (C) (Inclusive of taxes) (In Words) (Rupees……)				
	Signature of bidder	……..		
	Name & Address	…….. ……..		
	Date	……..		
Note:				
i)	*Unit price should include the cost of warranty/defect liability period for 03 year and freight and other charges such as loading/unloading, storage etc.*			
ii)	*Discount or any other offers affecting the package price must be mentioned here only and shall not be considered if mentioned at any other place of the bid.*			
iii)	*In case of discrepancy between unit price and total amount, the unit price shall prevail.*			
iv)	*Bids shall be evaluated based on Composite total amount with taxes.*			
v)	*The bidder quoting for the above items has to comply with all the specifications as prescribed in the Technical /BOQ sheet.*			