



OFFICE OF THE PRINCIPAL

MAGADH MAHILA COLLEGE, PATNA UNIVERSITY PATNA

TENDER NO.: 01/2020-21 (SI.No- 3)

DATE: 08.06.2021

Emergent Notice Inviting tender for renovation of Multimedia Laboratory (Audio Visual Lab with recording facility) in the campus of Magadh Mahila College, Patna University, Patna

Designation of officer inviting quotation			Principal Magadh Mahila College, Patna			
Place, Time & Date of receiving of Tender Paper			Office of The Principal, Magadh Mahila College, P.U. Patna upto 3.00 pm on 10/07/2021			
Place, Time & Date of opening of Technical Bid			Office of The Principal, Magadh Mahila College, P.U. Patna upto 3.00 pm on 12/07/2021			
Place, Time & Date of opening Financial Bid			To be informed after technical bid evaluation			
Sl. No.	NIT No.	Name of Work	Tender Document Fee	Earnest Money Deposit	Last date & time of submission of tender	Due date & time of opening of Technical Bid
	01/2021-22 Dated: 08-06-2021	Renovation of Multimedia Laboratory (Audio Visual Lab with recording facility)	Rs. 10,000/-	Rs. 90,000/-	10-07-2021 Upto 15.00 Hrs	12-07-2021 15.00 Hrs

Note:

1. Tender Bids should be placed in a properly sealed envelope addressed to “ **The Principal Magadh Mahila College, Patna University, North Gandhi Maidan, Patna-800 001**”.

2. Technical bid along with Tender processing Fee be **put up in a separate envelop** and the Financial Bid should **be put in separate sealed another envelope**, clearly indicating “TECHNICAL BID” and “FINANCIAL BID” with the details of the Bidder. Both sealed Technical & Financial Bid’s envelops should be **put in one envelope and must be superscribed “Tender for renovation of Multimedia Laboratory, Patna”** with the name, address & phone nos. of the Bidder.

Conditional tender or tenders received After the Due time and date shall not be entertained In any circumstances. M.M. College would not be Responsible For any delay or loss of The tender document, The tender(s) will be opened in The Office undersigned by The constituted committee the 12.07.21 at 03.00 PM in presence of any intending agency Or his/her authorized representative who may wish to be present at the designated Time And place. If the fixed date turns out to be the holiday, the date of opening will be the next day.

3. The sealed tender(s) should also be sent through Courier/Registered/Speed Post. Conditional tender or tenders received after the due time and date shall not be entertained In circumstances. M.M.College would not be responsible For any delay or loss of the tender document, The tender(s) will be opened in the office of the undersigned by the duly constituted committee as per the above mentioned schedule in presence Of any intending supplier or his/her authorized Representative who may wish to be present at the Designated time and place. If the fixed date turns out to be the holiday, the date of opening will be the next day.

4. **Earnest money is to be deposited in the shape of D.D./ Banker’s cheque in favour of “ Principal, Magadh Mahila College, Patna”.**

6. The tender documents can also be downloaded from the website **www.magadhmahilacollege.org** from intending tenders and will be submitted with cost of tender in the form of demand draft in favour of “Principal Magadh Mahila College, Patna”. Tender submitted without cost of tender in the form of demand draft will be summarily rejected and the last date for downloading the tender document from the website is one day prior to the last day of receipt of tender. Accordingly the draft towards the tender fee shall be dated one day prior to the last date of receipt of tender.

7. **At the time of opening of tender only participant tenderer or his single authorized representative with authority letter will be allowed to present.**

Downloaded tender document must be accompanied with Demand Draft of Rs. 10,000/- (Non- Refundable) in favour of “Principal Magadh Mahila College, Patna University, Patna” payable at Patna, towards the cost of tender document failing which the tender shall be summarily rejected. It can be obtained, on any working day from 09/06/2021 to 10/07/2021 between 10:30 hours to 17:00

hours on written request and against payment of the cost of tender document (Non-refundable) by demand draft.

Sd/-
(Prof. Shashi Sharma)
Principal, Magadh Mahila College
PATNA UNIVERSITY, PATNA

II. ELIGIBILITY CRITERIA

Technical bid envelop should contain the following:-

1. The Bidder must be a legally constituted Proprietary firm, Partnership firm, Limited Company or Corporate Body, who possess the required licenses, registrations etc.
2. The Bidder shall have experience of providing renovation of Multimedia Laboratory(Audio Visual Lab with recording facility)for at least 3 years ending March, 2021.
3. Financial Turnover during the last 3 years ending 31st March 2021 should be at least Rs. 1,00,000,00/- (One crore) or above per year.
4. There should be no case pending with the police against the Proprietor/Firm/Partner or the Company (Bidder). An undertaking in this regard to be provided.
5. The Bidder shall have the following Registrations and details of the same be provided in the Technical Bid:

Registration of shop/firm,(ii)GST/PAN(ii)Manufactures/ Authorized Dealer certificate

Note : Proof in support must be enclosed for above eligibility criteria.

III. PROCEDURE

1. Tender Bids should be placed in a properly sealed envelope addressed to **The Principal Magadh Mahila College, North Gandhi Maidan, Patna-800 001.**

Technical bid along with Tender processing Fee be put up in a separate envelop and the Financial Bid should **be put in separate sealed another envelope**, clearly indicating “**TECHNICAL BID**” and “**FINANCIAL BID**” with the details of the Bidder. Both sealed Technical & Financial Bid’s envelops should be **put in one envelope and must be superscribed “Tender for renovation of Multimedia Laboratory(Audio Visual Lab with recording facility)in Magadh Mahila College, P.U., Patna”** with the name of the Bidder. Conditional tender or tenders received after the due time and date shall not Be entertained in any circumstances. Patna University would not be responsible for any delay or Loss of the tender document, The tender(s) will be opened in the office undersigned by the duly 12.07.21 at 03.00 PM of any intending supplier or his/her authorized representative who may wish to be present at the Designated Time place. If the fixed date turns out to be the holiday, the date of opening will be the Next

2. The Bidder shall acquaint himself fully with MMC, P.U. premises conditions and the working environment before quoting the rates. He is advised to do a complete survey at his own of the promises before offering rates. No compensation on account of any difficulties will be entertained at a later date after award of works.

3. **That the technical bid shall be opened first and only the eligible bidders selected by Tender Committee shall participate in the financial bid which shall be opened on the date further fixed by the Tender Committee.**

4. In case the Bid being submitted by a firm, it must be signed separately by each partner thereof or in the event of the absence of any partner, it must be signed on his behalf by a person holding a power of attorney authorizing him to do so or in the case of a company, the tender be signed in the manner laid down in the said Company’s Article of the Association. The signatures on the tenders will be deemed to be the authorized signatures.

5. **An Index page showing contents/annexure & page no. should be annexed first followed by relevant documents with proper page numbering & signed by the owner of the firm or his Authorized Signatory** as token of acceptance of Terms & Conditions. In case the tenders are signed by the Authorized signatory, a copy of the power of attorney/ authorization may be enclosed along with tender.

6. The bidder must ensure that the conditions laid down for submissions of offers are complete and correctly filled. The rates and units shall not be overwritten and shall be in both i.e. figures and words
7. In case two or more agencies are found to have quoted the same rates, the Tender Committee shall recommend about the Bidder to which the offer shall be granted based on the NEGOTIATIONS to become lowest rate bidder. The decision of the Authority of MMC, P.U. shall be final.

8. Any changes w.r.t. this tender will be notified through website www.magadhmahilacollege.org. only.

9. MMC, P.U. reserves the right to accept or reject any or all the tenders without assigning any reason.

IV. TERMS AND CONDITIONS

1. The bidder must provide information about his Agency as per **Annexure-I** i.e., Technical Bid.
2. The items rate details to be provided as per the format attached as **Annexure-II** i.e., Financial Bid.
3. On acceptance of the tender, the Bidder shall deposit Performance Security in the form of Bank Guarantee/Demand Draft of 10% of bid value (After deposit the Bank Guarantee, EMD shall be refunded after) to Magadh Mahila College, P.U., Patna within 7 days of the award of the contract which will be refundable without interest after satisfactory completion of the work.
4. The Performance Security amount shall be released without interest after 30 days of completion of the contract period only after being satisfied of the successful completion of the work.
5. In case of any change of constitution of the Agency, the rights of MMC, P.U. should not suffer.
6. Assigns or sub-contracts any of this service Violation/contravention of any of the terms and conditions mentioned herein. Does not improve the performance of the services in spite of instructions. Any violation of instruction/agreement or suppression of facts. Contractor being declared insolvent by competent court of law.
7. **Penalty:** In case of pre mature termination of the contract due to any of the clauses of Termination the security amount shall be forfeited.
8. **Arbitration:** In case of any dispute or differences arising on terms and conditions, the same shall be settled by reference to arbitration by the Sole Arbitrator to be appointed by Authority of MMC, P.U..
9. **Jurisdiction:** In case of any dispute, the jurisdiction shall be the Court at Patna only.

10. Earnest Money Deposit (EMD)

- 13.1 The bid must be accompanied by EMD for an amount Rs 90,000/- (Rupees Ninety Thousand Only). EMD shall be in the form of Demand Draft in favour of "Principal Magadh Mahila College, Patna University, Patna".
- 13.2 Any bid not accompanied by the EMD in the above form may be rejected by MMC, P.U. as non-responsive.
- 13.3 The EMD of the selected bidder shall be returned after submission of the Performance Guarantee.
- 13.4 Unsuccessful Bidder's EMD will be discharged/ returned as promptly as possible but in any case within 60 days from the date of acceptance of bid of the successful Bidder.

13.5 The Bidder, by submitting its Bid pursuant to this Bid Document, shall be deemed to have acknowledged and confirmed that MMC, P.U. will suffer loss and damage on account of withdrawal of its Bid or for any other default by the Bidder during the Bid validity period. No relaxation of any kind on Bid Security shall be given to any Bidder.

13.6 The EMD shall be forfeited and appropriated by MMC, P.U. without prejudice to any other

Right or remedy that may be available to MMC, P.U. hereunder or otherwise, under the following conditions:

- a) If a Bidder withdraws its Bid during the period of Bid validity as specified in this Tender document and as extended by MMC, P.U. from time to time;
- b) In the case of Selected Bidder, if it fails within the specified time limit-
- c) In case, the Bidder submits any wrong information or makes any misrepresentation in its Bid

13.7 The Bank Guarantee has to be executed on non-judicial stamp paper of appropriate value as per Stamp Act relevant to place of execution. The Bank Guarantee has to be in the name of the Bidding Company.

13.8 No interest shall be payable by the Owner on the above bid security.

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14 Extension of Bid Validity period

In exceptional circumstances, prior to expiry of the original Bid Validity Period, MMC, P.U. may request the Bidders to extend the period of validity of the Bid and the EMD for a specified additional period. The request and the Bidders' responses shall be made in writing. MMC, P.U. reserves the right to reject the Bid submitted by any Bidder who fails to extend the period of validity of its Bid in line with the provisions of this clause.

15. Any clarification on the documents may be obtained from College and contact office Mob No- +91-7261805666 & telephone no- 0612-2219454

Read and accepted

(Full Name, Signature & Stamp of the Bidder)

TECHNICAL BID

Tender Sl. No-3

**Tender for renovation of Multimedia Laboratory (Audio Visual Lab with recording facility)
Magadh Mahila College Campus, Patna University**

Cost of quotation document(Compulsory for supplier/agencies)		
DD No.	Date	Amount
		₹10,000/-
EMD Amount		
DD No.	Date	Amount
		₹90,000/-

Bid should indicate following information along with the self-attested photocopies of supporting documents:

1. THE FIRM

- a) Name.(As per GST Registered)_____
- b) Registration No. of firm_____
- c) Address of Office at Patna _____
- d) Contact Person's
 - i) Name &Design. _____
 - ii) Address_____
 - iii) Tel No. Landline_____ Mobile_____
 - iv) Email ID_____

Type of Firm: Proprietorship/ Private Ltd./Public Ltd./ Please tick and enclose copy of Registration of shop/firm/Manufactures/ Authorized Dealer certificate

- 1. Registration of shop/firm/Manufactures/ Authorized Dealer certificate _____enclosed.(Pl. specify)
- 2. PAN : _____enclosed.(Pl. specify)
- 3. GST : _____enclosed.(Pl. specify)
- 4. 3 years return filled Turn Over(Each year One Crore or over :

(i) FY2020-21-ITRGrossValue_____Tax Deducted_____Turn Over:_____.

(ii) FY2019-20-ITRGrossValue_____Tax Deducted_____Turn Over:_____.

(iii) FY2018-19-ITRGrossValue_____Tax Deducted_____Turn Over:_____.

5. Experience certificate of similar work: Value:₹_____completion of year:_____.

.Name of Govt.Org ./ University: _____

(Attached work order & Completion certificate)

Signatures of authorized person Name:-

Designation:-

Seal:-

ANNEXURE-II
(To be submitted on Letter Head of the Registered Agency)
FINANCIAL-BID Tender Sl. No-3
Tender for renovation of Multimedia Laboratory (Audio Visual Lab with recording facility)
Magadh Mahila College Campus, Patna University

S. No.	Items	Make, Model & Specification	Qty (Pcs)	Unit Price in INR	GST	Total Price without GST	GST Amount	Total Price with GST
AV Product Part								
1	Professional Video Camera	<p>SITC of Broadcast camera having 4K 10-bit 60p Recording, New Codec HEVC 200Mbps, Wide-Angle 25mm, Optical 24x, Face Detection AF/AE, Full HD Live Streaming, Direct streaming to YouTube, Facebook etc, Image Sensor 1/2.5-type (inch) MOS Sensor, Effective Pixles 8.29 megapixels, F Value F1.8 — 4.0, Optical Zoom 24x, Focal Length 4.12 — 98.9mm, 35 mm Film Camera Equivalent 25.0 — 600.0 mm, Filter Diameter 62 mm, Lens Brand Leica Dicomar Lens, Minimum Illumination 1.5 lx (F1.8, Super Gain +, 1/30)</p> <p>Focus Auto / Manual, Zoom Intelligent Zoom OFF 24x, Intelligent Zoom ON Max. 48x (UHD 32x), Digital Zoom 2x / 5x / 10x</p>	1					
		<p>Shutter Speed 59.94 Hz mode 59.94i/59.94p: 1/60, 1/100, 1/120, 1/180, 1/250, 1/350, 1/500, 1/750, 1/1000, 1/1500, 1/2000, 1/3000, 1/4000, 1/8000 sec, 29.97p: 1/30, 1/50, 1/60, 1/100, 1/120, 1/180, 1/250, 1/350, 1/500, 1/750, 1/1000, 1/1500, 1/2000, 1/3000, 1/4000, 1/8000 sec, 23.98p: 1/24, 1/48, 1/50, 1/60, 1/100, 1/120, 1/180, 1/250, 1/350, 1/500, 1/750, 1/1000, 1/1500, 1/2000, 1/3000, 1/4000, 1/8000 sec.</p> <p>Super Slow Recording Frame Rate: 50.00 Hz mode FHD 100 fps (1/2 speed at 50p, 1/4 speed at 25p), ND Filter 1/4, 1/16, 1/64, OFF</p> <p>IR Filter Incorporates the ON/OFF control function, White Balance Auto / ATW LOCK / 3200K / 5600K / VAR (2000K—15000K) / Ach Fixed / Bch Fixed, Iris Auto / Manual, Image Stabilizer Ball O.I.S., 5-Axis HYBRID O.I.S. (UHD/FHD), Recording Media SDHC/SDXC Memory Card,</p>						

		Recording Format MOV, MP4, AVCHD, Video Compression Method MOV/MP4: H.264/MPEG-4 AVC High Profile, H.265/MPEG-H HEVC Main10 Profile, AVCHD: H.264/MPEG-4 AVC High Profile, Audio Compression Method MOV: LPCM (24bit 2ch), MP4: AAC (16bit 2ch), AVCHD: Dolby Audio (16bit 2ch), LIVE STREAMING Video Compression Format H.264/MPEG-4 AVC Main Profile, High Profile, Video Resolution 1920 x 1080, (FHD), 1280 x 720 (HD), 640 x 360, 320 x 180, Streaming Method Unicast, Multicast, HDMI Type A x 1, Built-in Microphone Stereo microphone, Microphone Input 3.5mm stereo mini jack x 1, XLR Input XLR (3 pins) x 2, Wi-Fi Standard IEEE 802.11b/g/n, Frequency 2.4GHz band, Recording Image Size* Video Playback Mode: 3840 x 2160 (16:9), 1920 x 1080 (16:9), 1280 x 720 (16:9)						
2	Tri-pod Stand	Camera Tripod with the 90° column system Leg angle selector for seamless movementConnect accessories quickly with the Easy Link High-quality, smart Italian design by Manfrotto Quick Power Lock system ensures an effortless, solid setup Weight 2500 g Collection/Series 055 Material Aluminium Safety Payload Weight 9 kg Legs Tube diameter 30, 26, 22.5 mm Leg Sections 3 Leg Angles 25°,46°,66°,88° Top Attachment 3/8" screw Min Height 9 cm Maximum Height 170 cm Maximum Height (with Center Column Down) 140 cm Closed Length 61 cm Upper Disc Diameter 60 mm Bubble Spirit Level (No.) 1 Carrying Bag Included none Center Column rapid Colour Black Easy Link Yes Leg Type Single Leg Lock Type Flip Lock Maximum Working Temperature 60 C Minimum Working Temperature -30 C , Variable Fluid Drag System on PAN and TILT movements Fixed Counterbalance system Sliding plate for the fastest camera connection and set up Flat base for multiple support combinations Material Aluminium Safety Payload Weight 7 kg Counterbalance System Fixed Counterbalance Weight 4 kg Tilt Drag continuously djustable from 0 to max level Pan Drag continuously adjustable from 0 to max level Plate Type 504PLONG Ball Flat Flat Center of gravity 55 mm Front Tilt -80° / +90° Bubble Spirit Level (No.) 1	1					

3	Microphone	Broadcast Microphone with Broadcast sound quality Low noise circuitry Super-cardioid polar pattern Condenser transducer Rugged metal construction Two step High Pass Filter (Flat/80Hz) Low handling noise Low weight - 105g (3 oz.) Includes mic clip, wind shield and zip case Ideal for professional applications within the film, video, television and production industries Acoustic Principle Line Gradient Active Electronics JFET impedance convertor with bipolar output buffer Capsule 0.50" Polar Pattern Supercardioid Address Type End Frequency Range 20Hz - 20kHz Output Impedance 50Ω Maximum SPL 139dBSPL Maximum Output Level 6.9mV (@ 1kHz, 1% THD into 1KΩ load) Sensitivity -36.0dB re 1 Volt/Pascal (15.00mV @ 94 dB SPL) +/- 2 dB @ 1kHz Equivalent Noise Level (A-weighted) 18dBA	1					
4	Headphone	Camera Headphone Type: Wired over-the-ear headphone Colour: Black Design: Closed back Powerful sound reproduction and impeccable bass response Eliminates background noise Frequency Response: 21 to 20,000 Hz Impedance: 16/24/32 Ohms	1					
5	Wireless Lapel Mic	UHF Wireless Lapel microphone System having AFS single channel Diversity. Frequency Band: UHF. Number of channels: 99 selectable channels. Dynamic Range:> 95 dB. Output Level: 400 mV (Balanced), 400 mV (unbalanced). S / N:> 95 dB. De-Emphasis: 50 uS. Transmission power: 30 mW. Modulation Type: FM. Deviation: 40 kHz. Spurious Emissions:> 60 dB. Power Supply: 3V (2 x 1.5V AA batteries). Its large format and high brightness LCD displays information of RF and AF levels and the selected channel number and frequency. The front panel features a potentiometer for volume control and two buttons to increase or decrease the channel or frequency (depending on the state) and confirmation button.	1					

6	USB Interface	<p>SITC of USB Interface for sound recording having dual microphone/Line inputs 24-Bit 192KHz 2 mic-In/2 inst-In, 2-Out USB Recording Interface, Professional & Hi-end grade DA/AD provides high dynamic range, DAC: Dynamic Range: 114dB, ADC: Dynamic Range: 114dB</p> <p>Supports Mac/PC connectivity simultaneously with SmartDevice, Live session possible with audio signal processing via ProDriver4 virtual plug-in rack, 4x4 analog I/O full duplex simultaneous recording and playback</p> <p>Compatible with iOS and Android Digital I/O jack (Type C) & Analog I/O jack (3.5mm stereo TRRS) for direct connection with smartphone,, tablet or other device, Mic/Instrument preamps with individual gain control and phantom power switch</p> <p>2 analog outputs on 1/4" TRS jacks, Monitor volume control knob on the top panel, Direct monitor button control on the top panel, 1 headphone output with assignable source and individual volume control, Flexible channel routing via the ProDriver4 software control panel, ultra low latency ProDriver4™driver is provided, innovative and user friendly plug-in hosting rack software is built-in with ProDriver4™, USB2.0 High Speed equipped and USB bus-powered, Supports DirectSound, WDM and ASIO2.0, Rugged aluminum construction.</p>	1					
7	Cable Set	<p>2 CORE ATC LAPP SHIELDED DIGITAL MIC CABLE Cross sec Area : 0.20 sqmm No of Strands : 25 Cond. Type : ATC</p> <p>Insulation Type : HDPE Filler : Moisture Prof Polymer Shield : 93 % ATC</p> <p>Spiral Over all Dia : 6.00 mm DCR AT 20 °C Conductor Shield : 88.9 Ω / KM: 18.40Ω / KM Capacitance Conductor Shield : 20 PF / Feet: 57 Pf / feet</p>	1					
8	Headphone Amp	<p>Headphone Amplifier Ultra-compact headphone amplifier system for studio and stage applications 8 independent stereo high- power amplifier sections Highest audio quality with virtually all types of headphones even at maximum volume Phones Level control per channel Power Supply included</p>	1					

9	Studio Monitor	Powered Studio Monitor Speaker type 2-way bi-amp powered studio monitor 2-way bi-amp powered studio monitor Frequency range (-10dB) 54Hz - 30kHz - Components LF 5" cone 5" cone HF 1" dome 1" dome Crossover 2kHz 2kHz Output power 70W (LF:45W, HF:25W) 70W (LF:45W, HF:25W) I/O connectors XLR3-31 type (balanced), PHONE (balanced) XLR3-31 type (balanced), PHONE (balanced) Power consumption 45W 45W Shape Bass-reflex type Bass-reflex type Cabinet material MDF MDF Dimensions W 170mm (6.7") 170mm (6-11/16") H 285mm (11.2") 285mm (11-1/4") D 222mm (8.7") 222mm (8-3/4") Net weight 5.3kg (11.7 lbs.) 5.5 kg (12.1 lbs.) Others LEVEL control (+4dB/center click) , EQ: HIGH TRIM switch (+/- 2dB at HF) / ROOM CONTROL switch (0/-2/-4 dB under 500Hz) LEVEL control (+4dB/center click) , EQ: HIGH TRIM switch (+/- 2dB at HF) / ROOM CONTROL switch (0/-2/-4 dB under 500Hz) Frequency response (-10dB) - 54Hz - 30kHz Frequency response (-3dB) - 74Hz - 24kHz Input sensitivity - -10 dBu/10k ohms Indicators - Power ON	1					
10	Battery	Battery for sony camera InfoLITHIUM™ rechargeable battery pack offers extended shooting time compared with camcorder's supplied battery High capacity 6.8 V / 13.0 Wh / 1960 mAh Quick charging with optional AC-VQV10 AC Adaptor/Charger ActiFORCE battery technology for higher capacity, faster recharging time and more accurate and fast remaining capacity indication	1					
11	PC	Video Editing Maschine: Intel Core i7, Pro MB, 550watt PS, 16Gb RAM, 2TB HDD, 240GB SSD, 4GB Graphics Card,Coolermaster Case, DVD Writer, KB Mouse, Dell 24" FHD LED Monitor 3pcs.	1					

12	Video Mixer	<p>Broadcast switcher with Connections Total Video Inputs 8 Total Outputs 8 Total Aux Outputs 1 SDI Rates 270Mb, 1.5G, 3G. Total Audio Inputs 2 x XLR. Total Audio Outputs None, embedded audio only. Timecode Connection</p> <p>None. SDI Video Inputs 4 x 10-bit SD/HD switchable. 2 channel embedded audio. HDMI Video Inputs 4 x HDMI type A, 10-bit SD/HD switchable. 2 channel embedded audio.HD Video Standards 720p50, 720p59.94 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p50, 1080p59.94, 1080i50, 1080i59.94 Ultra HD Video Standards None.</p> <p>SDI Compliance SMPTE 259M, 292M and 424M. Video Sampling 4:2:2 10-bit Color Precision4:2:2 10-bit Color Space</p>	1					
		<p>4:2:2 YUV HDMI Input Resolutions for Computers 720 x 480i 59.94Hz, 720 x 576i 50Hz, 1280 x 720p 59.94Hz 50Hz and 1920 x 1080p 23.98, 24, 25, 29.97,30, 50, 59.94 and 1920 x1080i 50 and 59.94Hz 60Hz.</p> <p>Colorspace Conversion Hardware based real time.Processing Delay 6 Lines. Audio Mixer 10 input x 2 channel mixer. Selectable /Off/Audio-Follow-Video.Level and Peak metering.Master gain control. Headphone output level control with separate mix of Program, Talkback and Sidetone.Software Updates Using USB connection directly connected to Mac or Windows computers.Operating Temperature: 5° C to 40° C (41° - 104°F) Storage Temperature: -10° to 60° C (14° to 140° F) Relative Humidity: 0% to 90% non -condensing</p>						
13	Chroma Key	<p>Chroma Key Pro Quickly key out your green or blue screens with a variety of presets or fine-tune your color keying with full controls.</p>	1					
14	Studio Light	<p>Studio Light with Color Temperature : 3200K-5600K, DIMMER CONTROL</p> <p>This LED video light provides a wide spectrum, beautifully soft and even illumination for video and still photography Its a AC ADAPTOR 16.8V / 5A</p> <p>Its the Professional LED video lights is lass with 800 LED lights, a complete solution for all your video lighting hazels, as it comes with a hot shoes mount so you can easily attach the light on your camera as well</p> <p>White and warm white both color option is provided, Dimmer control nob allows you adjust the intensity of light which plays major role to enhance the beauty of your videos and pictures</p>	1					

15	Ceiling Light	SITC of Ceiling Light Installation 2x2 Ceilig Tile Light White & Yellow 30 Watts LED, Philips/Syska/Reputed Make	1					
16	Rail System	Studio Rail System - Includes: 2 Fixed, 2 Mobile Rails 9'10" Each, Brackets,Carriages, Spigots, End Stops, 2 Telescopic Poles, 1 Pantograph -Supports 3 Lights Weight 8500 g Sky Track Accessories Yes Still Life Accessories No Attachment (bottom) 5/8" (16mm) stud Top Attachment 5/8" (16mm) socket Closed Length 38 cm Colour Black Material Aluminium Maximum Extension 380 cm Maximum Height 380 cm Width 150 cm	1					
17	LED Clock	Digital LED Plastic Wall Clock Color Black material Plastic Capacity 34 cm x 20 cm x 4 cm Number of Pieces 1 What is in the box? 1 Wall Clock Item Shape Rectangular only Working with electricity	1					
18	Memory Card	64GB UHS-I SDXC Memory Card ultra-fast speeds up to 95 MB/s read and 90 MB/s write. Ideal for 4K/Full HD (at XAVC S) recording 2 Recover deleted or compromised images with File Rescue software. Available as a free download to memory card customers. TRANSFER SPEED (READ) Up to 95 MB/s TRANSFER SPEED (WRITE) Up to 90 MB/s SPEED CLASS Class 10 (SD Speed Class), U3 (UHS Speed Class) RECORDING CAPACITY-64GB USABLE CAPACITY 57.6 GB	1					
19	Reflector	Reflectors with stand Favourable light reflection, brings fine light effect for your photo shooting in studio Reflector size (cm): 150 x 200 Reflector shape: Oval/Square Size: 50x200cm, used for studio or any photography situation	1					
20	Above Software	Adobe CS bundle Annual All Creative Cloud All Apps (Download Version)	1					

21	Sound Mixer	SITC of 16 Channel Sound mixer having 16 mic/line inputs, The MIC/LINE input channels incorporate phantom power for condenser microphones, It has USB player/recorder and Bluetooth, 99 integrated digital effects, 3 tone controls per channel, 7-band stereo graphic equalizer and send/return connections and headphones output, uilt-in DSP with 99 effects., 3 tone control on each input channel., 2x7 bands equalizer, AUX send/return connectivity, Gain range + 10 to + 60 dB, Max input level + 12 dBu @ 10 dB gain, S/N ratio 110 dB/112 dB A-weighted (0 dBu In @ +22 dB gain)	1					
22	Teleprompter	SITC of Teleprompter having 19" Prompter with software kit complete, Designed to be lightweight with clear imported glass which gives you the best experience, It supports VGA and HDMI video sources but can be upgraded to the 19-inch teleprompter, VGA – HDMI – DVI – BNC (optional) video input with mirror imaging, Compatible with all kinds of Cameras, Broadcast Camera, ENG Camera PTZ Camera, DSLR Camera, and Small Camcorder, It included LCD Monitor, Teleprompter Hood, Special Design tripod base, quick release camera plate, 70/30 Teleprompter Glass, Software and hand control.	1					
23	Talkback System	SITC of wired Talkback System having headphone with individual mic and speaker control system, having 4 belt pack 5 headphone, 200 meters cable, one talkback contoller.	1					
24	Teleprompter Stand	Heavy duty Video Tripod with a loading capacity of 10 Kg, Maximum Height 61 Inches, Minimum Height 13.7 Inches, and folded height of 28 Inches. Folded Height: 720 mm, Max. Operation Height: 1550 mm, Min. Operating Height: 350 mm, Max. Loading Capacity: 10 kg	1					

25	ENG Set	SITC of ENG Set having One touch ease-of-use, 2.4 GHz digital transmission for worldwide operation, 75m range (250ft) in optimal conditions, Up to 5 hours battery life on a single charge, Switch between multiple transmitters linked to one receiver, Configure any combination of transmitters and receivers, Mute from either transmitter or receiver, Equipped with XLR and 3.5mm (1/8") transmitters, this elegant solution makes capturing dialogue on a DSLR easier than ever before while maintaining a reliable connection. Signal-to-noise ratio ≥ 106 dB, Operating time : up to 5 h, Modulation: GFSK with TDMA, Battery Specification: Li-Ion, Capacity:850 mAh, Codecs: aptX® Live, Frequency range: 2,400 - 2,483.5MHz	1					
26	Pendrive	SITC of USB Pendrive Class-10 having 64 GB Capacity	1					
27	Card Reader	SITC of USB SD Card reader	1					
28	Wifi Dongal	SITC of Wifi Dongal for PC to connect wireless network in PC	1					
29	HDMI Splitter	SITC of 1xx4 HDMI Splitter having one HDMI Input and 4 HDMI Outpur Full HD Resolution upto 4k with 4.2.2	1					
30	LED TV	SITC of 42" LED TV Full HD 1920x1080 Pixel Resolution, 16x7 Professional Display, with HDMI, LAN, DVI, RS232, USB Port	1					

31	AV Recorder	<p>SITC of Professional AV recorder having inputs of HDMI[1] Component Video & Audio L/R[2] 3.5mm Audio, Microphone (Working Voltage: 3V), Output HDMI, 3.5mm Audio: Headphones Resolution Input: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p (max: 1080p) Record: 480i, 480p, 576i, 576p, 720p 50/60, 1080i 50/60, 1080p 24/25/30 (max: 1080p*) *1080p@30/60 videos may be displayed as 1080i@60 on your TV. Storage Internal : 2.5" SATA HDD (supports 7mm and 9.5mm), (9.5mm HDDs are recommended), External: USB 2.0 HDD; Recording Format AVI (Codec: H.264 and MP3), SSD/HDD Included.</p>	1					
32	Cable & Connector	SITC of Cable & Connectors having HDMI Cable, USB Cable, Microphone Cable, etc as per site requirement	1					
Room Acoustic & Other Products								
33	Green Chroma	SITC of Chroma Green Cloth with all installation fixture as per site requirement.	1sqft					

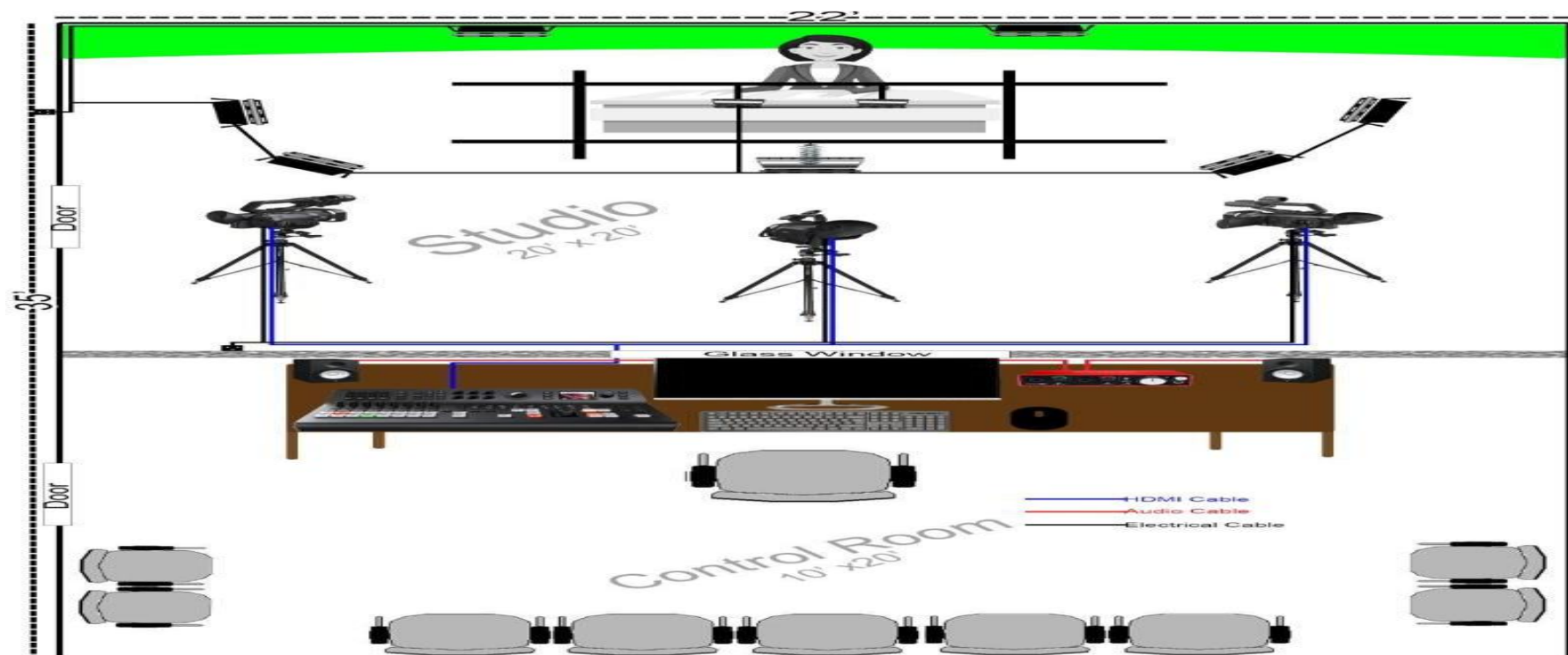
34	Sound-Proofing	Studio , Acoustirc/Soundproofing Treatment per sqft. Includes: Core Rigid Rockwool provides twice the low end absorption over similar base products. Design 2" thick acoustic panel frame filled with eco-friendly, fire-rated rigid Rockwool sound absorbing material, wrapped in acoustically transparent fabrics. 15 colors onstruction technology absorption material Purebond formaldehyde-free technology The Spot panel is easily mounted on wall using sawtooth Stylish for business or home decor. Also included the Carpet floorig 2mm thickness & complete with adhesive and foam for vibration absorption of the floor. Suspending: See our product for acoustic drop ceiling tiles that fit into a standard grid for dropped ceilings or can be suspended from a solid ceiling structure.	1sqft .					
35	Sound-Proof Door	SITC of Sound-Proof door made out of teak-wood, rockwool, Commerical Ply, Rubber Membrane, along with all accessories as per site requirement	1					
36	Table	SITC of Table for studio (This price is not valid for partial oder) made out of Commercial Ply with 1mm thick laminate as per client choice.	1					
37	Scarting	SITC of Scarting as per site requirement made of Pine Wood RFT.	1					
38	Rack	SITC of 16U AV equipement with Front Glass Door, Caster wheel with PDU. Made of CRC sheet	1					

39	Integration	Implimentation services, Includes-Design, Engeneering, Installation, testing, Commissioning & Programming	1						
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Signatures of authorized person Name:-

Designation:-

Seal:-



The above design and area should be decided by the MMC authority