

**MAULANA AZAD NATIONAL URDU UNIVERSITY**  
**GACHIBOWLI, HYDERABAD 500032**  
**(A Central University established by an Act of Parliament in 1998)**



**TENDER DOCUMENT**  
**of Media Equipment**  
**At**

**Instructional Media Centre, MANUU, Hyderabad**

**Tender No. MANUU/Purchase/F.33/2019-20/01 dt:04.09.2019**  
**[Through e-procurement (CPPP) only]**

*(Handwritten signature)*

**TENDER DOCUMENT**  
***For supply and installation of Media Equipment for Instructional Media Centre***  
***MANUU, Hyderabad***

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**TENDER DOCUMENT AT A GLANCE**

1.	Work	Supply and installation of Media Equipment for Instructional Media Centre, MANUU, Hyderabad
2.	Authority inviting tender	Registrar, Maulana Azad National Urdu University, (MANUU), Gachibowli, Hyderabad - 500 032
3.	Estimated cost of Tender	Rs.41.16 Lacs (Rupees forty one lakhs sixteen thousand only)
4.	How the bids should be submitted	Online on Central Public Procurement Portal (CPPP) of NIC, Government of India.
5.	To whom the EMD in original should be submitted	Assistant Registrar, Purchase & Stores Section, Room No. 5, Admin. Building, MANUU Gachibowli, Hyderabad - 500 0032 Ph. No. 040-23001697
6.	Date and time of opening of financial bids	To be notified later through CPPP to only those bidders who qualify in technical bids.
7.	Amount of Bid Security (EMD)	Rs. 82,330/- (For Part - A: Rs.51,000/-; For Part - B: Rs.22,670/-; For Part - C: Rs.8,660/-, however, the firm may submit consolidated EMD for any combination of the A,B &C)
8.	Bid Validity Period	75 (seventy five) days from the last date of submission of bids

**SECTION -1**

**NOTICE INVITING TENDER**

Maulana Azad National Urdu University (MANUU), Hyderabad (a Central University established by an Act of Parliament) invites online bids under e-procurement method on two bid systems (technical and financial) from the reputed firms for Media Equipment within the specified period.

The document can be downloaded from the Government of India, Central Public Procurement Portal (CPPP) website [www.eprocure.gov.in](http://www.eprocure.gov.in) or from the University's website [www.manuu.ac.in](http://www.manuu.ac.in).

The bidding documents (technical bid and financial bid) duly filled-in as per the instructions contained in Section 2 of this document (Instructions to Bidders) along with scanned copy(ies) of required documents and Account Payee Demand Draft / Banker's Cheque / Bank Guarantee/ Fixed Deposit Receipts for Rs.51000/-, Rs.22670/-, Rs.8600/- for Part A, B, C as the case may be drawn / made in favour of the Finance Officer, Maulana Azad National Urdu University, Hyderabad towards Bid Security (Earnest Money Deposit) must be uploaded on CPP Portal on or before 24.09.2019 up to 3.00 p.m. The EMD in original must be submitted to the Assistant Registrar (Purchases & Stores), MANUU before the last date and time of submission of bids either by hand or through post.

  
Registrar



## SECTION – 2

## INSTRUCTIONS TO BIDDERS

**2.1 General Instructions**

- 2.1.1 For the bidding / tender documents purposes, 'Maulana Azad National Urdu University' (MANUU) shall be referred to as 'Client' and the bidder / successful bidder shall be interchangeably referred to as 'Contractor' and / or 'Bidder'.
- 2.1.2 The invitation for bid is open to Original Equipment Manufacturers (OEMs) / reputed firms in supply and installation of Media Equipment.
- 2.1.3 The bidding documents (technical bid and financial bid) must be uploaded on CPPP only before the date and time as indicated in the tender document. Late bids shall not be accepted on any ground whatsoever.
- 2.1.4 While all efforts have been made to avoid errors in preparation of tender documents, the bidders are advised to check the same carefully. No claim on account of any error detected in the tender document shall be entertained.
- 2.1.5 The duly filled-in technical bid along with scanned copy of requisite supporting documents and financial bid should be uploaded online on CPPP as required under e-procurement method of Government of India. Non-receipt of any of the required documents or bid with incomplete details will lead to rejection of tender).
- 2.1.6 Any person signing on behalf of a bidder must attach scanned copy of the authorization letter/ Power of Attorney from the actual bidder as the proof of authorization for signing on his/ her behalf.
- 2.1.7 Each bidder shall submit only online bid against this invitation of tender.
- 2.1.8 Bid containing conditional offers, offers with deviation from the conditions of tender, bids not meeting the eligibility criteria, technical bids not accompanied with Bid Security / Earnest Money Deposit of requisite amount / format or any other requirements stipulated in the tender documents are liable to be rejected.
- 2.1.9 The tenderer, after submitting the tender online, may withdraw, substitute or modify the tenders without forfeiture of Bid Security/ EMD up to the date and time of receipt of the tender. Any such request received after the prescribed date and time of receipt of tenders will not be considered.
- 2.1.10 No bid shall be withdrawn in the interval between the last date of submission of bids and expiration of the period of bid validity.
- 2.1.11 A bidder shall not have conflict of interest with other bidders. The bidder found to have a conflict of interest shall be disqualified. A bidder may be considered to have a conflict of interest with one or more parties in this bidding process, if:
- (a) they have controlling partner(s) in common; or
  - (b) they receive or have received any direct or indirect financial stake from any of them; or
  - (c) they have the same legal representative/ agent for the purpose of this bid; or
  - (d) they have relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another bidder.



- 2.1.12 A prospective bidder may seek clarification in writing from the MANUU on the tender documents well before the due date of submission of bids.
- 2.1.13 At any time prior to the date of submission of bids, the MANUU may, whether its own initiative or in response to a clarification sought by a prospective bidder, amend bid documents by using corrigendum which shall be notified on the MANUU official website.
- 2.1.14 In case the amendments in the tender document require revision in the bids already submitted by that time and there being inadequate time to revise the bids by the notified last date and time for submission of revised bids by the bidders, the date and time of submission of bids may be suitably extended at the discretion of the MANUU. In such a situation, the bidders shall also be required to extend the validity period of their bid security / EMD.

**2.2 Bid Security (Earnest Money Deposit)**

- 2.2.1 The bid must be accompanied by a Bid Security (Earnest Money Deposit) of Rs.82,330/- (for Part - A: Rs.51,000/-; for Part - B: Rs.22,670/-; for Part - C: Rs.8,660/-, however, the firm may submit separate/consolidated EMD for any combination of the A,B &C) in the form of an Account Payee Demand Draft / Banker's Cheque / Fixed Deposit Receipts/ Bank Guarantee of any nationalized bank drawn / made in favour of the Finance Officer, Maulana Azad National Urdu University, Gachibowli, Hyderabad payable at Hyderabad. However, the firms / companies registered as Micro and Small Enterprises (MSEs) as defined in Government of India's MSE Procurement Policy, Start-ups as recognized by Government of India, Department of Industrial Policy & Promotion are exempted to furnish bid security subject to production of proof of their registration for media equipment(s) as listed and exemption claimed. Registration under one/few item(s) shall not be claimed by the firm to claim exemption from EMD for all items quoted. In such a situation, the firm shall submit EMD as per clause 2.3.2.
- 2.2.2 Scanned copy of financial instrument mentioned in para 2.2.1 should be uploaded along with the technical bid and the bid security / EMD in original must be submitted to the Assistant Registrar (Purchases & Stores), MANUU before the last date and time of submission of bids either by hand or through post.
- 2.2.3 The Bid Security should remain valid for a period of 75 days beyond the final bid validity period.
- 2.2.4 No request for transfer of any previous deposit of earnest money or security deposit or adjustment against any pending bill held by the Client in respect of any previous services/ work shall be entertained.
- 2.2.5 A bidder's Bid Security will be forfeited if the bidder withdraws or amends its offer or impairs or derogates from the tender in any respect within the period of validity of the tender.
- 2.2.6 In the case of a successful bidder, the Bid Security will be forfeited, if the bidder fails to  
(i) furnish the required Performance Security within the specified period;  
(ii) honour his/ her own quoted prices for the services or part thereof;
- 2.2.7 Bid Securities of unsuccessful bidders will be returned to them through e-payment or physical instrument by Hand at the earliest after expiry of the final bid validity period and latest by 30<sup>th</sup> day after the award of contract.
- 2.2.8 In the case of successful bidder, the Bid Security will be returned on receipt of Performance Security.



## 2.3 Minimum Eligibility Criteria

- 2.3.1 The bidder shall necessarily be a legal entity having valid GST Registration.
- 2.3.2 The firm shall submit the EMD for Part - A: Rs.51,000/-; For Part - B: Rs.22,670/-; For Part - C: Rs.8,660/-. However, the firm may submit consolidated EMD of Rs. 82,330/- for any combination of the A,B & C or EMD Exemption certificate along with relevant documents (if any).
- 2.3.3 Bidders shall have to meet the following pre-qualification criteria:

- (a) Should have the Average Annual Turnover of **Rs.32,93,200/-** during the preceding three years ending 31<sup>st</sup> March, 2019 if the bidder submit bids for Part A, B and C. (For **Part A- Rs. 20,40,000/-**; for **Part B-Rs. 9,06,800/-** and for **Part C- Rs. 3,46,400/-**)

**and**

- (b) (i) Should have supplied similar media equipment against three purchase orders worth **Rs. 16,46,600/-** each during the last five years ending on the date of publication of this tender if the bidder submit bids for Part A, B and C. (For **Part A- Rs. 10,20,000/-**; for **Part B-Rs. 4,53,400/-** and for **Part C- Rs. 1,73,200/-**)

**or**

- (ii) Should have supplied similar media equipment against two purchase orders worth **Rs.20,58,250/-** each during the last five years ending on the date of publication of this tender if the bidder submit bids for Part A, B and C. (For **Part A- Rs. 12,75,000/-**; for **Part B-Rs. 5,66,750/-** and for **Part C- Rs. 2,16,500/-**).

**or**

- (iii) Should have supplied similar media equipment against one purchase order worth **Rs. 32,93,200/-** during the last five years ending on the date of publication of this tender if the bidder submit bids for Part A, B and C. (For **Part A- Rs. 20,40,000/-**; for **Part B-Rs. 9,06,800/-** and for **Part C- Rs. 3,46,400/-**)

It is further clarified that the bidder may bid for either Part A, B and C or combination or even any item(s) thereof. However, the pre-qualification criteria (turnover and experience) will be evaluated on the amounts stated for full part of Part A, B and C or combination thereof but not on the item(s) quoted by the firms.

- 2.3.4 The firm should submit bid showing item wise compliance with respect to specification and warranty etc., any deviation of quality will be summarily rejected.
- 2.3.5 OEM/authorization letter specific to this tender for sl. No. 1 to 2 (iii).
- 2.3.6 Bidder should not have suffered any financial loss for more than one year during the preceding three years ending 31<sup>st</sup> March, 2019.
- 2.3.7 The bidder having their own office/service centre at Hyderabad / Secunderabad, would be preferred. However, in case the bidder does not have any office / service centre at these places they must provide warranty to undertake services of the instruments covering the warranty period as per the tender document.
- 2.3.8 Only those bidders shall be treated as eligible to participate in the bidding process who, through their letter of submission of bid (Bid Cover Letter), declares as under:



- (i) No benefit shall be offered to the employees of the Client's organization which are not legally available to them and also no offence shall be committed under Prevention of Corruption Act, 1988 or Indian Penal Code, 1860;
- (ii) No payment has been made to any agent/ broker or any other intermediary for this bidding;
- (iii) No transgression has been committed in the past with any other organization in India or abroad that may impinge on the anti-corruption principle.
- (iv) That the firms / company had never been blacklisted by any state / central govt. Authority.

2.3.9 In proof of having fulfilled the minimum eligibility criteria mentioned at clauses 2.3.1 to 2.3.6, the scanned copy of the following self attested documents/ information must be uploaded with the technical bid:

- (a) Copy each of PAN and GSTIN.
- (b) Copies of audited Balance Sheet and Profit & Loss Account of the firm for the years 2015-16 to 2017-18;
- (c) Copies of work orders and experience certificates in support of information required at clause 2.3.3 (b) above;

2.3.10 This Request for Proposal (RFP) is issued with no financial commitment and the MANUU reserves the right to change or vary any part thereof or foreclose the procurement process at any stage. The MANUU also reserves the right to disqualify any vendor, should it be necessary, at any stage.

## **2.4 Bid Validity Period**

- 2.4.1 Bids shall remain valid and open for acceptance for a period of 75 (seventy five days) days from the last date of submission of bids.
- 2.4.2 The University may, without assigning any reason, request for extension of bid validity for another period of 30 (thirty) days without any modification in the bid already submitted.

## **2.5 Submission of Technical Bid**

2.5.1 Technical Bid should be submitted online on Government of India's Central Public Procurement (CPP) Portal in the form prescribed at Annexure-II of this tender document.

### **2.5.2 The following documents shall comprise the Technical Bid:**

- (a) Technical Bid Submission Letter (Bid Cover Letter) in the form prescribed at Annexure-I inter alia containing the declaration required at clause 2.3.6. The letter should be printed on company's letter head and signed by the authorized signatory.
- (b) Duly filled-in and signed Annexure-II containing information required in clauses 2.3.1 to 2.3.7.
- (c) Scanned copy of all the supporting documents as required in clauses of 2.3
- (d) Scanned copy of Bid Security (EMD) in any of the form mentioned in clause 2.2.1 (original to be submitted either by hand or by post)

## **2.6 Submission of Financial Bid**

2.6.1 Financial bid should be submitted online (CPP Portal) in the 'Price Schedule' Form prescribed at Annexure-III of this tender indicating rates with applicable taxes and other charges as per the format given.



2.6.2 Financial Bid should be submitted online only.

2.6.3 Bidders must quote for the quantities as per Annexure-III, as per terms stipulated in this tender.

## **2.7 Opening of Technical Bids**

2.7.1 The technical & Financial bids received online shall be opened online only by the duly authorized Committee.

2.7.2 In case, the date fixed for opening of bids is subsequently declared as holiday by the Government / University, the bids will be opened on next working date with time and venue remaining unaltered.

2.7.3 After opening of technical bids, a preliminary scrutiny would be conducted to ensure that EMD of requisite amount and other documents as required are furnished. The bids found deficient in these requirements shall be declared invalid and such bids will not be considered further for technical evaluation.

2.7.4 The bidders whose technical bids are otherwise found valid shall be termed as responsive bidders. The detailed evaluation of technical bids of such responsive bidders will be carried out later.

## **2.8 Technical Bid Evaluation**

2.8.1 The technical bids shall be evaluated based on the documents submitted by the bidders in totality as required under clause 2.5.2 above. To assist in the examination, evaluation, comparison of the bids and qualification of the bidders, the MANUU may, at its discretion, ask any bidder for a clarification on its bid. Any clarification submitted by a bidder that is not in response to a request by the MANUU shall not be considered. The MANUU's request for clarification and the response shall be in writing.

2.8.2 If a bidder does not provide clarifications of its bid by the date and time set in the University request for clarification, its bid may be rejected.

2.8.3 MANUU also reserves its right to seek confirmation / clarification / on the supporting documents submitted by the bidder from the agency(ies) issuing such document(s).

2.8.4 MANUU shall intimate the technically qualified bidders through CPPP and venue for opening of financial bids.

## **2.9 Opening of Financial Bids**

2.9.1 The financial bids of all the technically qualified bidders shall be opened online by e-procurement method (CPP Portal) on the appointed date and time.

2.9.2 Mere becoming the lowest bidder, prior to financial bid scrutiny will not give any right to the lowest bidder to claim that he is successful in the bidding process. The successful bidder (L1) shall be decided only after following due procedure.

## **2.10 Financial Bid Evaluation**

2.10.1 The evaluation of financial bids shall be made on L-1 item wise rate basis [sl no. 2 (i), 2 (ii) and 2(iii) will be treated as single unit for award of contract] plus applicable GST and other charges as prescribed in Section – 6 i.e. price schedule. In case of discrepancy / difference of opinion on GST rates, the University shall decide the lowest quotation on

verification of the relevant rule of the GST Act vis-a-vis supporting document provided by the bidders in respect of the claim for the GST. The decision of the University shall be final and binding in this regard.

- 2.10.2 The bidder whose financial bid is found to be lowest in terms of clause 2.10.1 above shall be declared as successful.
- 2.10.3 In case of two or more firms /companies quoting the same lowest rates, all such firms will be asked to submit fresh financial quotations for all the items on short notice.

## **2.11 Right of Acceptance**

- 2.11.1 Maulana Azad National Urdu University, Hyderabad reserves the right to accept or reject any bid and to cancel the bidding process and reject all bids (including the lowest) at any time prior to award of contract without incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders for the University action. The decision of the competent authority of the University in this regard shall be final and binding.
- 2.11.2 In the event of L1 bidder not being capable of supplying Media equipment in entirety as per notified specifications within the stipulated time frame as required by the University, the competent authority of the University reserves the right to split the work and award a portion of it / or fully to L2 bidder at accepted L1 rate if he agrees to do so. Otherwise the offer will pass on to L3 bidder and so on. The decision of the University in this regard will be binding on the bidders.
- 2.11.3 In case of failure to comply with the provisions of the terms and conditions mentioned, by the agency that has been awarded the contract, the competent authority of the Maulana Azad National Urdu University reserves the right to award the contract to the next higher bidder and the difference of price shall be recovered from the defaulter agency who has been awarded the initial contract and this will be binding on the bidders.



## SECTION-3

## SCHEDULE OF REQUIREMENTS

This Schedule of Requirements contains details of Media Equipment and to be supplied by the firms at MANUU and other relevant information and instructions in this regard. University may issue order for any other equipment with the same specifications.

### 3.1 General Instructions to the bidders:

3.1.1 **Specification:** The specifications and allied technical details of Media Equipment for Instructional Media Centre shall be as follows:

Sl.	Name of Equipment	Quantity Req.
<b>Part A</b>		
1(i)	<p><b>Non linear edit suits with softwares:</b> (MS- Window Based Workstation with Software and accessories)            Intel® Xeon® Silver 4116 processor            (or higher) x 2            Ram : 64 GB or more;            Chipset : Intel            Internal Storage : 512GB SATA SSD or higher 4TB SATA 7200RPM 3.5" HDD (two number)            Graphics : NVIDIA Quadro P4000            Optical Device : Blue Ray Writer (Latest)            Professional Burning Tool            Keyboard : Avid Media Composer/Standard Professional;            Mouse : Optical;            Media Card Reader            O/S : MS Windows 10 Pro 64bit            Display : 32-inch 4K UHD Display            Capturing Card : Black Magic Deck Link Studio 4 K Extreme 12 G            Non Linear Editing Software : Avid Media Composer 2018 or Latest</p>	02
1(ii)	<p><b>Non Linear Edit suits with software:</b> (Mac Based Workstation with Software and accessories)            Processor : 3.0GHz 8-Core Intel Xeon E5 (or Higher ) with 25MB L3 cache and Turbo Boost up to 3.9GHz,            RAM : 16GB (Four 4GB) of 1866MHz DDR3 ECC memory,            Graphics Card : Dual AMD FirePro D700 graphics processors with 6GB of GDDR5 VRAM each,            Storage : 256GB PCIe-based flash storage,            802.11ac Wi-Fi wireless networking            4 USB Port V 3, 6 Thunderbolt,            Dual Gigabit Ethernet,            HDMI 1.4 Ultra HD Ports            Built in Bluetooth 4.0 and 802.11ac Wi-Fi,            Operating System : Mac OS X            Apple Wired Keyboard.            Apple wired/wireless Mouse            Apple Care Protection Plan for MacPro.            Display : 32 -inch 4K UHD Display            Mini Display Port to HDMI Adapter.            Apple Final Cut Pro X or Higher, Motion, Compressor            Capturing Card : Black Magic Design Ultra Studio 4K 12G 02 Thunderbolt.            Apple Thunderbolt Cable.            External Storage : G Drive 12TB Thunderbolt Storage with cable.</p>	01

<b>PART - B</b>		
2 (i)	<p><b>ENG Video Camera</b> 4K Professional Video Camcorder; Recorded Video and audio file formats to be compatible with latest version of Avid media composer, Final cut pro and Adobe CC editing Software.</p> <p><b>Technical Specifications:</b></p> <p><i>1. Packup device:</i> 1.1 size 3x1/2 or 3x1/3 or 1x1 inch-type MOS image sensors 1.2 Effective pixels: 3840 (H) and 2160 (V)</p> <p><i>2. Lens:</i> 2.1) Lens mount: Fixed 2.2) Zoom Ratio:17x(optical) or better 2.3) Servo/manual 2.4) Optical Image stabiliser</p> <p><i>3. Camera Section :</i> 3.1) Optical System: F1.6 prism system 3.2) ND filters: CLEAR, 1/4ND, 1/16ND, 1/64ND 3.3) Sensitivity: (2000lx, 89.9% reflectance) or better 3.4) Horizontal Resolution: 2,000 TV lines or more (3840 x2160p mode) or better 1,000 TV lines or more (1920 x1080p mode) or better 3.5) Shutter Speed: 1/50 sec to 1/8,000 sec or better 3.6) Slow Shutter: 1/2 to 1/25 sec or better 3.7) Gain Setting: -3dB to 18 dB or better 3.8) Color Temperature selection: ATW, Ch-A, Ch-B, 3200K</p> <p><i>4. Video/Audio Input / outputs:</i> 4.1) Video Output: BNCx1HD-SDI, SD-SDI 4.2) HDMI Out: HDMIx1:4:2:2 /10 bit /UHD/Hd/SD format support 4.3) Audio Input: XLR-type 3-pin (female) (x1) LINE: +4, 0 dBu MIC: -60 dBu variable 4.4) Audio Output: Headphone jack</p> <p><i>5. Monitoring:</i> 5.1) LCD Monitor: 3.5 type, Approx. 1.3 M dots 5.2) Viewfinder: 0.39 type</p> <p><i>6. Recording:</i> 6.1) Recording Media: SDHC/DSXC memory cards and / or Micro P2 card 6.2) Number of memory card slots: 2 6.3) Recording File formats: XAVC/MOV(AVC)/MOV(HAVC)/AVCHD 6.4) Recording resolution: a) UHD - 3840x2160, 4:2:2 color sampling, 10 bit/8 bit depth, b) HD-1920x1080, 4:2:2 / 4:2:0 color sampling, 10 bit/8 bit depth, c) Audio - LPCM 24 bit 6.5) Recording time (with 64GB Memory card): Minimum 20 mts in UHD highest resolution (HAVC)</p> <p><i>7. Accessories:</i> Battery, Battery Charger, AC Adopter, Lens hood, Eyecup etc.,</p>	02
2 (ii)	<p>Memory card reader /writer compatible with above camera sl. No. 2(i) SXS Memory card USB 3.0 Reader/Writer Memory card Slot 1 x SxS Bus Power: USB 440Mbps Read Speed and 350 Mbps Write Speed or Higher Or Compatible with above camera</p>	02



2 (iii)	Double Battery pack / compatible with above camera at 2 (i) Capacity 14.4v / 56Wh / 3.8Ah Li-Ion Battery and compatible with above camera (Two battery in one Pack).	02 pack																					
2 (iv)	Memory Card compatible with above camera s. no. 2(i) Card Type- SXS, Storage Capacity-64 GB, Bus Type-PCI-Express Data Transfer-Read Speed: 440 MB/s Maximum (Burst) Write Speed: 200 MB/s Maximum (Burst) Error Correction- Yes and compatible with above camera	02 pack																					
<b>PART - C</b>																							
3	<p>Portable (Halogen) light with stand:</p> <p>Lamp power: 1000W Power supply: AC 100-230 V, 50-60 Hz Beam angle:44 - 92 Deg Control: Manual Color Temperature 3200K Protection Rating IP20 Lamp Base Rx7s Approx Dimensions: W 265 x L 260 x H 335 mm Approx Weight: 5.5 Kg Essential Accessories: 4 lead Barn door, Scrims, Glass Filter, C Clamp, Safety Bond, Stand.</p> <p><u>Illumination:</u></p> <table border="1" data-bbox="284 1010 837 1234"> <thead> <tr> <th><u>Distance</u></th> <th><u>Beam Angle</u></th> <th><u>Foot candles</u></th> </tr> </thead> <tbody> <tr> <td>4 Mtr</td> <td>44 Deg</td> <td>175</td> </tr> <tr> <td>6 Mtr</td> <td>44 Deg</td> <td>75</td> </tr> <tr> <td>8 Mtr</td> <td>44 Deg</td> <td>44</td> </tr> <tr> <td>4 Mtr</td> <td>92 Deg</td> <td>45</td> </tr> <tr> <td>6 Mtr</td> <td>92 Deg</td> <td>20</td> </tr> <tr> <td>8 Mtr</td> <td>92 Deg</td> <td>12</td> </tr> </tbody> </table>	<u>Distance</u>	<u>Beam Angle</u>	<u>Foot candles</u>	4 Mtr	44 Deg	175	6 Mtr	44 Deg	75	8 Mtr	44 Deg	44	4 Mtr	92 Deg	45	6 Mtr	92 Deg	20	8 Mtr	92 Deg	12	03
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4	<p>Baby lights (Halogen) with stand 650w (Fresnel Sport Lights)</p> <p>Lamp power 650W Power supply AC 100-230 V, 50-60 Hz Beam angle 17 - 56 Deg Control Manual , DMX Color Temperature 3200K Protection Rating IP20 Lamp Base GX 9.5 Approx Dimensions W 265 x L 265 x H 380 mm Apprx Weight 3.8 Kg Essencial Accessories 4 leaf Barn door, Gel Frame, Scrims, Snoot, C clamp, Safety Bond, Stand.</p> <p><u>Illumination:</u></p> <table border="1" data-bbox="284 1742 925 2020"> <thead> <tr> <th><u>Distance</u></th> <th><u>Beam Angle</u></th> <th><u>Foot candles</u></th> </tr> </thead> <tbody> <tr> <td>2 Mtr</td> <td>10 Deg</td> <td>2600</td> </tr> <tr> <td>4 Mtr</td> <td>10 Deg</td> <td>520</td> </tr> <tr> <td>6 Mtr</td> <td>10 Deg</td> <td>330</td> </tr> <tr> <td>2 Mtr</td> <td>48 Deg</td> <td>425</td> </tr> <tr> <td>4 Mtr</td> <td>48 Deg</td> <td>100</td> </tr> <tr> <td>6 Mtr</td> <td>48 Deg</td> <td>45</td> </tr> </tbody> </table>	<u>Distance</u>	<u>Beam Angle</u>	<u>Foot candles</u>	2 Mtr	10 Deg	2600	4 Mtr	10 Deg	520	6 Mtr	10 Deg	330	2 Mtr	48 Deg	425	4 Mtr	48 Deg	100	6 Mtr	48 Deg	45	03
<u>Distance</u>	<u>Beam Angle</u>	<u>Foot candles</u>																					
2 Mtr	10 Deg	2600																					
4 Mtr	10 Deg	520																					
6 Mtr	10 Deg	330																					
2 Mtr	48 Deg	425																					
4 Mtr	48 Deg	100																					
6 Mtr	48 Deg	45																					

5	<p>Baby lights (Halogen) with stand 1000w (Fresnel Sport Lights)</p> <p>Lamp power 1000W  Power supply AC 100-230 V, 50-60 Hz  Beam angle 10 - 48 Deg  Control Manual , DMX  Color Temperature 3200K  Protection Rating IP20  Lamp Base GX 9.5  Approx Dimensions W 290 x L 290 x H 405 mm  Apprx. Weight 5.2 Kg  Essential 4 leaf Barn door, Gel Frame, Scrims,  Accessories Snoot, C clamp, Safety Bond, Stand.</p> <p>Illumination:</p> <table border="0"> <thead> <tr> <th>Distance</th> <th>Beam Angle</th> <th>Foot candles</th> </tr> </thead> <tbody> <tr> <td>2 Mtr</td> <td>17 Deg</td> <td>1050</td> </tr> <tr> <td>4 Mtr</td> <td>17 Deg</td> <td>290</td> </tr> <tr> <td>6 Mtr</td> <td>17 Deg</td> <td>135</td> </tr> <tr> <td>2 Mtr</td> <td>56 Deg</td> <td>270</td> </tr> <tr> <td>4 Mtr</td> <td>56 Deg</td> <td>70</td> </tr> <tr> <td>6 Mtr</td> <td>56 Deg</td> <td>34</td> </tr> </tbody> </table>	Distance	Beam Angle	Foot candles	2 Mtr	17 Deg	1050	4 Mtr	17 Deg	290	6 Mtr	17 Deg	135	2 Mtr	56 Deg	270	4 Mtr	56 Deg	70	6 Mtr	56 Deg	34	03
Distance	Beam Angle	Foot candles																					
2 Mtr	17 Deg	1050																					
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6 Mtr	56 Deg	34																					
6	<p><u>Camera slider:</u></p> <ol style="list-style-type: none"> <li>1.Motarized E-Slider With bubble level</li> <li>2.Size-Preferably 8 Feet</li> <li>3.Width of rails: 4cm or above</li> <li>4.Friction Control Facility</li> <li>5.Compatible for DSLR 7D &amp; ENG Video Camera</li> <li>6.Material- Aluminum</li> <li>7.Sliding Rails Distance: 51cm or above</li> <li>8.With Panning handle</li> <li>9.Load bearing-5lbs or above</li> <li>10.Flexibility with mounting with other tripod.</li> </ol>	01																					
7	<p><u>Curve-180 curved circular camera slider:</u></p> <ol style="list-style-type: none"> <li>1. Material:Aluminum Construction</li> <li>2. Compatible for DSLR 7D &amp; ENG Video Camera</li> <li>3. Running Track Length: Preferably 8 Feet</li> <li>4.Weighing Capacity: 10kg or above</li> <li>5.Width: 50mm or above</li> <li>6.Curve: 180 Degree</li> <li>7.Inner Radius: 1219mm or above</li> <li>8.Outer Radius: 1443mm or above</li> <li>9.Quick tripod mounting facility</li> <li>10. Product Weight (without packing): 5kg (Approx)</li> </ol>	01																					
8	<p><u>Gimbal for DSLR with MOZA Air Multiple- Functional, Wireless Thumb; Controller and App</u>  Controller; Facility Dual Handle (MOZ Air Introducing-3Axis Handheld Gimbal)</p> <ol style="list-style-type: none"> <li>1. 3 axis hand held gimbal</li> <li>2. 360 degree rotation</li> <li>3. With dual handle</li> <li>4. Payload- 3kg or Above</li> <li>5. Gimbal weight-3lbs or above or less</li> <li>6. Bluetooth control and USB facility</li> <li>7. Compatibale with Canon 7D DSLR Camera</li> <li>8. Battery capacity 2000mAh or above life or above.</li> <li>9. With wireless thumb controller</li> <li>10. Mechanical Endpoint Range Yaw Axis: <math>\pm 360^\circ</math> continuously  Tilt Axis: <math>\pm 360^\circ</math> continuously  Roll Axis: <math>\pm 360^\circ</math> continuously</li> </ol>	01																					



9	<u>Mini Jib for DSLR and Handheld camera</u> 1. Weighing Capacity-8kg or above 2. Material used- Aluminum 3. Jib Arm Shape-Rectangle 4. 9ft jib arm with tripod stand 5. Camera Tilt Angles- Upto 180 degree 6. Height Range from ground level- 8.75ft (Approx) when stand height adjusted at 5ft (Approx) 7. Camera Mount plate-Compatible with Canon 7D DSLR 8. Length from tripod to Camera Mount- 10 ft and above 9. With LCD Mount Provision	01
10	<u>Monopod for DSLR and Handheld camera (compatible With 7D cannon DSLR camera)</u> 1. Three leg self standing with fluid head 2. Material made- Aluminium 3. Maximum Working Height: 150cm(approx) 4. The Minimum Height: 55cm (approx)	01
11	<u>DMX Dimming Console CX-12 Lite Puter or compatible dimmer (Compatible dimmer with DMX Diming Console CX-12 LitePuter</u>	01
12	<u>HD-Dongle wireless display receiver for mobile mirroring in smart display To Screen Mirroring from Laptop, Mac book, iphone and all android mobiles with HDMI port</u>	03
13	<u>Thunder Bolt to multi converter Thunderbolt 3 to Type C, HDMI, VGA, USB 3.0, etc.</u>	01
15	<u>Blue Ray recorder</u> Access time: BD-180ms DVD -170 ms, CD-150 ms, Interface-USB 2.0/USB 3.0 OS Support: windows 10 and Mac OS X System Disc Formats: Audio CD, Video CD, Multi-session CD, BD video, DVD	01

3.1.2 **Warranty:** All the items shall carry a minimum one year OEM Warranty.

3.1.3 **Supply:** The firm should supply the media equipment at Instructional Media Centre MANUU, Hyderabad as per the quantities mentioned in the above table within 30 days from the date of issue of Award of Contract / Purchase order.

3.1.4 The firms should submit authorization certificate specific to this open tender or copy of valid authorized dealership / distributor Certificate for sl. 1 & 2 [2(i) to 2(iv)] without which the bid will be rejected.

**SECTION.4****GENERAL CONDITIONS****4.1 Confidentiality**

- 4.1.1 The bidder shall take all precautions not to disclose, divulge and / or disseminate to any third party any confidential information, proprietary information related to University. The obligation is not limited to any scope and the contractor shall be held responsible in case of breach of the confidentiality of University information.
- 4.1.2 If the Contractor receives inquiries from any person or outside agencies including Press / Media, the same shall be referred by the Contractor to University immediately on receipt of such queries.

**4.2 Performance Security**

- 4.2.1 The successful bidder within fourteen days of the date of issue of the LoA shall furnish a Performance Security in the form of Account Payee Demand Draft / Fixed Deposit Receipts from a commercial bank or bank guarantee issued / confirmed from any of the commercial bank in India (in the form prescribed at Annexure-VI) for a sum equal to 10 % (Ten Percent) of the total cost as mentioned in the accepted financial bid in favour of Finance Officer, Maulana Azad National Urdu University, Hyderabad payable at Hyderabad.

A/c. Name	:	Maulana Azad National Urdu University
A/c. Number	:	187901000000001
Bank	:	Indian Overseas Bank
Branch	:	Gachibowli, Hyderabad-500 032
IFSC Code	:	IOBA0001879

- 4.2.2 If the L1 firm (s) is called upon by the competent authority of the University to furnish Performance Security and the contractor fails to provide the said security within the period and in the form specified at clause 4.2.1 above, such failure shall constitute a breach of the contract and the Client shall be entitled to make other arrangements at the risk, cost and expense of the contractor.
- 4.2.3 The Performance Security so furnished should remain valid for a period of 60 (sixty) days / after completion of warranty period and completion of tender obligations.
- 4.2.4 The Bank Guarantee will be forfeited and credited to University account in the event of any breach or negligence or non-observance of any terms / conditions of contract or for unsatisfactory performance or for non-commencement of work after issue of 'Notice to Proceed'.
- 4.2.5 On due performance and completion of the order in all respects, the Performance Security will be returned to the firm / bidder without any interest on presentation of an absolute No Demand Certificate. However, such portion of the said Performance Security, as may be considered by the University sufficient to cover any incorrect or excess payment made on the bills to the firm, shall be retained until the final report on the account of firm's bill has been received and examined.

**4.3 Payments**

- 4.3.1 All payments for supply of Media Equipment shall be made to the bidder as per the rates quoted by the contractor in the financial bid / price schedule (Form-3) and accepted by the University.



- 4.3.2 No price escalation, other than the revision in applicable taxes as notified by the Central / State Government from time to time, shall be entertained by the University.
- 4.3.3 Payment will be made as per order only on receipt of materials subject to certification by the concerned officials of the University.
- 4.3.4 University shall make deductions on account of Goods & Services Tax (GST) and Income Tax or any other deductions as made applicable by the laws promulgated by the Government of India or the State Government of Telangana, as the case may be, from any payments made to the bidder, and the amount so deducted shall be deemed to be a payment made to the bidder. The Client shall provide a certificate certifying the deductions so made.
- 4.3.5 All payments by the University to bidder shall be made by means of NEFT / RTGS / PFMS in the bank account of the bidder.
- 4.3.6 Neither payment shall be made in advance nor shall any loan from any bank or financial institution be recommended by the University in favour of the bidder on the basis of the order of award of work.

#### **4.4 Disclaimer**

- 4.4.1 The relatives / near relatives of employees of the University are prohibited from participation in this bid. The near relatives for this purpose shall be one who is related to the other in the manner as husband, wife father, mother, son(s), son's wife (daughter-in-law), daughter(s) & daughter's husband (son-in-law), brother(s) & brother's wife, sister(s) and sister's husband (brother-in-law).

#### **4.5 Termination of contract**

- 4.5.1 The University may, without prejudice to any other remedy, for breach of contract / order, by written notice of default sent to the firm, terminate the contract / order in whole or part at the risk and cost of the defaulting firm:
- (a) If the firm fails to execute the supply of all the materials of desired quality and quantity within the stipulated period(s) as specified in the order or within any extension thereto granted by the University;
  - (b) If the supplier fails to perform any other obligation(s) under the contract / order.

#### **4.6 Governing laws and settlement of dispute**

- 4.6.1 This tender shall be governed by the laws of Republic of India and shall be subject to the exclusive jurisdiction of the courts in Hyderabad.
- 4.6.2 Any claims, disputes and or differences (including a dispute regarding the existence, validity or termination of this tender) arising out of, or relating to this tender including interpretation of its terms shall be resolved through joint discussion of the authorized representatives of the concerned parties. However, if the disputes are not resolved by discussions as aforesaid within a period of 30 days, then the matter will be referred for adjudication to the arbitration of a sole arbitrator to be appointed by the University in accordance with the provisions of the Arbitration and Conciliation Act, 1996 and rules made there under including any modifications, amendments and future enactments thereto. The venue for the arbitration will be Hyderabad and the decision of the arbitrator shall be final and binding on both the parties.



**SECTION 5****SPECIAL CONDITIONS OF CONTRACT**

The Special Conditions of tender shall supplement the "Instructions to Bidders" and "General Conditions of Contract" as contained in Sections 2 and 4 respectively.

**5.1 Indemnification**

- 5.1.1 The bidder shall completely indemnify and keep the University indemnified against all liabilities, losses, damages, penalties, awards, decrees arising out of litigation/ claims/ application initiated against the University.
- 5.1.2 University shall be vested with the sole discretion to determine damages / losses suffered on account of wrongful act or negligence by the bidder and deduct the same from the dues payable from performance security by way of initiating suitable legal action against the contractor at any point of time.

**5.2 Penalties**

- 5.2.1 Failure to supply the media equipment within the stipulated period (as per clause 3.1.3) shall entitle the Procuring Entity (MANUU) for imposition of penalty @ 1/2% (half percent) per day on the total value of the item covered in the purchase order, subject to a maximum of 5% (five percent) after expiry of the stipulated time period of the supply unless extension is obtained in writing from the office on valid ground before expiry of delivery period. The total liquidated damages shall not exceed 10(ten) percent of the value of award of contract.
- 5.2.2 If the deliveries are not ensured forcing the Procuring Entity to buy the materials at the supplier's risk and cost from elsewhere, the loss or damage that may be sustained thereby would be recovered from the defaulting supplier.

**5.3 Force Majeure obligations of the supplier**

- 5.3.1 In the event of "Force Majeure", as soon as reasonably practicable but not more than 48 (forty eight) hours following the occurrence of such an event, the supplier shall notify the University of the event of Force Majeure stating inter alia the anticipated period of Force Majeure during which the required services are likely to remain affected and also the measures which the affected party has taken or proposes to take to alleviate/mitigate the impact of the Force Majeure and to resume performance of such of its obligations affected.

Note:- "Force Majeure" shall mean any event beyond the control of the supplier, which is unavoidable notwithstanding the reasonable care of the party affected, and which could not have been prevented by exercise of reasonable skill and care and good industry practices and shall include, without limitation, any natural calamities, strike, unlawful lockout, riot, terrorist act etc.



**SECTION 6****PRICE SCHEDULE (FINANCIAL BID)****6.1 Form**

6.1.1 The Price Schedule (Financial Bid) shall be submitted in the form prescribed at Annexure-III.

**6.2 Other terms**

6.2.1 The charges quoted by the bidder / firm in the price schedule shall be per item inclusive of GST, other taxes or cess or any other charges as may be levied by the Central / State Government from time-to-time and service charges during warranty period of the instruments. However, unit price, taxes/ cess and other charges, if any, should be shown separately in the schedule.

6.2.2 In addition to the applicable taxes / cess, the rates quoted by the bidder shall be inclusive of all the charges.

6.2.3 No price escalation, other than the revision in applicable taxes as notified by the Central / State Government from time to time, shall be entertained by the Client during the period of contract including the extended period, if any.

6.2.4 If the bidder quotes NIL or left the column blank or '0' (zero), the bid shall be treated as unresponsive and will not be considered.

6.2.5 Bidders shall have to ascertain the exact percentage of GST applicable on each of the items while quoting the rates in the financial bid (Annexure-III). In case of discrepancy / difference of opinion on GST rates, the University shall decide the lowest quotation on verification of the relevant provisions of GST Act vis-à-vis supporting documents provided by the bidders in respect of the claim for the GST. In case of ambiguity on percentage of GST applicable, the University will award the contract on the basic price i.e. excluding GST quoted in the online price bid. The decision of the University shall be final and binding in this regard.

6.2.6 Conditional and incomplete bids will be rejected summarily.

**SECTION 7**

**FORMS**

Annexure-I	Bid Cover Letter
Annexure-II	Technical Bid Submission Form
Annexure-III	Financial Bid Submission Form
Annexure-IV	Letter of Acceptance
Annexure-V	Form for submission of Bid Security (Through Bank Guarantee)
Annexure-VI	Form for submission of Performance Security
Annexure-VII	Compliance Report



**ANNEXURE-I**

**BID COVER LETTER**  
**(To be written on the letter head of company)**  
[Ref. clause 2.3.6 & 2.5.2(a)]

To

The Registrar,  
Maulana Azad National Urdu University,  
Gachibowli,  
Hyderabad 500032

Ref: Invitation for bid vide MANUU's Advertisement No..... dated ..... for supply of Media Equipment at Instructional Media Centre, MANUU, Hyderabad.

Sir,

We, the undersigned, declare that:

1. We have examined and have no reservations to the bidding documents, including corrigendum/ addenda issued, if any, in accordance with Instructions to Bidders.
2. We offer to execute in conformity with the bidding documents for supply of Media Equipment at Instructional Media Centre, MANUU, Hyderabad.
3. Our bid shall be valid for a period of 75 days from the date fixed for the bid submission deadline in accordance with the bidding documents and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
4. If our bid is accepted, we commit to submit a performance security in accordance with the bidding documents.
5. Government of India or any State Government or other Public Sector or Private Sector Organizations have not declared us ineligible or black listed us on charges of engaging in corrupt, fraudulent, collusive or coercive practices or any failure/lapses of serious nature.
6. We also accept all the terms and conditions of this bidding document and undertake to abide by them, including the condition that you are not bound to accept highest ranked bid / lowest bid or any other bid that you may receive.
7. We also declare that
  - (i) No benefit shall be offered to the employees of the Client's organization which are not legally available to them and also no offence shall be committed under Prevention of Corruption Act, 1988 or Indian Penal Code, 1860;
  - (ii) No undisclosed agreement or understanding with other bidders shall be entered into with respect to prices, certifications etc.;
  - (iii) The items, as required in the tender document herein, have not been and will not be made available to other entities at prices lower than the bid price;
  - (iv) No payment has been made to any agent/ broker or any other intermediary for this bidding;
  - (v) No transgression has been committed in the past with any other organization in India or abroad that may impinge on the anti-corruption principle.

Yours sincerely,

(Authorized Signatory)  
Full Name and Designation  
Company's Seal

Note:- Authorized person shall attached a copy of authorization for signing on behalf of Bidding Company.

**ANNEXURE-II****TECHNICAL BID SUBMISSION FORM**

(Ref. clause 2.5.1)

1.	Name of the Firm	M/s.
	Postal Address	
	Contact No (s)	
	E-mail ID	
	Account Number	
	Name of the Account Holder / Firm / Agency	
	Bank Name	
	Branch Name & Details	
	IFSC Code	
2.	Details of EMD of Rs. 82,330/- for A, B and C (Part - A: Rs.51,000/-; For Part - B: Rs.22,670/-; For Part - C: Rs.8,660/-) (Exemption for registering with MSME NSIC, N.C.C.F, Kendriya Bhandar etc. as per Gol norms will only be considered on production of documentary proof, failing which the bid will be rejected) The EMD shall be submitted at Purchase & Stores Section before closing date.	D.D. No. _____ dated: _____ Bank _____ (upload documentary proof if exemption is claimed)
3.	Bid Covering letter as per Annexure-I	(upload Firm registration certificate)
4.	Firm Registration Details	(upload Firm registration certificate)
5.	GST Registration Details	(upload GST registration certificate)
6.	OEM Certificate or valid Authorization certificate specific to this tender for sl. 1 & 2	( Yes / No ) (upload Documentary proof)
7.	Compliance report of each items (as per Annexure - VII)	( Yes / No ) (upload compliance report of each item)
8.	Average Annual Turnover of during the preceding three years (Attach scanned copy of audited balance sheet and Profit & Loss Account for three years, trading account, Certificate Certified by CA) [as per tender clause 2.3.3 (a)]	( Yes / No ) (upload Documentary proof)
9.	Value of Purchase Orders of equipment items carried out during the preceding five years, (Attach scanned copy of Purchase Orders) [as per tender clause 2.3.3 (b) ]	( Yes / No ) (upload Documentary proof)
10.	Annexure –II duly filled in	( Yes / No ) (upload document)

**Declaration:** i) That we have not been debarred by any Government Department/Under taking.

ii) It is hereby declared that the firm have carefully read and understood the tender document and **agreed with all the terms and conditions** of the tender, Hyderabad jurisdiction etc., and agreed that the decision of the University shall be final in all respect.

Place: .....

Date : .....2019

Signature of the authorized

Dealer/signatory of the firm



**FINANCIAL BID SUBMISSION FORM**  
(Ref. Clauses 2.6.1 & 2.6.2)

(To be filled Online only as per the CPPP format)

Name of the Bidder/ Bidding Firm / Company :								
<p><b>PRICE SCHEDULE</b> (DOMESTIC TENDERS - RATES ARE TO GIVEN IN RUPEES (INR) ONLY) (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only )</p>								
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder in Rs. P	GST Amount on Item Qty x Basic Rate in INR Rs. P	TOTAL AMOUNT Without Taxes col (13) = (4) x (7) in Rs. P	TOTAL AMOUNT With Taxes col (14) = sum (8) to (13) in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	7	8	13	14	15
1	<b>Media Equipment</b>							
1.1	Non linear edit suits with softwares: (MS- Window Based Workstation with Software and accessories) Intel® Xeon® Silver 4116 processor (or higher) x 2 Ram : 64 GB or more Chipset : Intel Internal Storage : 512GB SATA SSD or higher 4TB SATA 7200RPM 3.5" HDD (two number) Graphics : NVIDIA Quadro P4000 Optical Device : Blue Ray Writer (Latest) Professional Burning Tool Keyboard : Avid Media Composer/Standard Professional Mouse : Optical Media Card Reader O/S : MS Windows 10 Pro 64bit Display : 32-inch 4K UHD Display Capturing Card : Black Magic Deck Link Studio 4 K Extreme 12 G Non Linear Editing Software : Avid Media Composer 2018 or Latest	02				0.00	0.00	INR Zero Only
1.2	Non Linear Edit suits with software: (Mac Based Workstation with Software and accessories) Processor : 3.0GHz 8-Core Intel Xeon E5 (or Higher ) with 25MB L3 cache and Turbo Boost up to 3.9GHz, Ram : 16GB (Four 4GB) of 1866MHz DDR3 ECC memory, Graphics Card : Dual AMD FirePro D700 graphics	01				0.00	0.00	INR Zero Only

	<p>processors with 6GB of GDDR5 VRAM each, Storage : 256GB PCIe-based flash storage, 802.11ac Wi-Fi wireless networking 4 USB Port V 3, 6 Thunderbolt, Dual Gigabit Ethernet, HDMI 1.4 Ultra HD Ports Built in Bluetooth 4.0 and 802.11ac Wi-Fi, Operating System : Mac OSX Apple Wired Keyboard. Apple wired/wireless Mouse Apple Care Protection Plan for MacPro. Display : 32 -inch 4K UHD Display Mini Display Port to HDMI Adapter. Apple Final Cut Pro X or Higher, Motion, Compressor Capturing Card : Black Magic Design Ultra Studio 4K 12G 02 Thunderbolt. Apple Thunderbolt Cable. External Storage : G Drive 12TB Thunderbolt Storage with cable.</p>							
<p>2.1</p>	<p><b><u>ENG Video Camera</u></b> 4K Professional Video Camcorder; Recorded Video and audio file formats to be compatible with latest version of Avid media composer, Final cut pro and Adobe CC editing Software.</p> <p><b><u>Technical Specifications:</u></b></p> <p><i>7. Packup device:</i> 7.1 size 3x1/2 or 3x1/3 or 1x1 inch-type MOS image sensors 7.2 Effective pixels: 3840 (H) and 2160 (V)</p> <p><i>8. Lens:</i> 2.1) Lens mount: Fixed 2.2) Zoom Ratio:17x(optical) or better 2.3) Servo/manual 2.4) Optical Image stabiliser</p> <p><i>9. Camera Section :</i> 3.1) Optical System: F1.6 prism system 3.2) ND filters: CLEAR, 1/4ND, 1/16ND, 1/64ND 3.3) Sensitivity: (20001x, 89.9% reflectance) or better 3.4) Horizontal Resolution: 2,000 TV lines or more (3840 x2160p mode) or better 1,000 TV lines or more (1920 x1080p mode) or better 3.5) Shutter Speed: 1/50 sec to 1/8,000 sec or better 3.6) Slow Shutter: 1/2 to 1/25 sec or better 3.7) Gain Setting: -3dB to 18 dB or better 3.8) Color Temperature selection: ATW, Ch-A, Ch-B, 3200K</p>	<p>02</p>				<p>0.00</p>	<p>0.00</p>	<p>INR Zero Only</p>



	<p><b>10. Video/Audio Input / outputs:</b>                  4.1) Video Output:                  BNCx1HD-SDI, SD-SDI                  4.2) HDMI Out:                  HDMIx1:4:2:2 /10 bit /UHD/Hd/SD format support                  4.3) Audio Input: XLR-type 3-pin (female) (x1) -                  LINE: +4, 0 dBu                  MIC: -60 dBu variable                  4.4) Audio Output:                  Headphone jack</p> <p><b>11. Monitoring:</b>                  5.1) LCD Monitor: 3.5 type, Approx. 1.3 M dots                  5.2) Viewfinder: 0.39 type</p> <p><b>12. Recording:</b>                  6.1) Recording Media: SDHC/DSXC memory cards and / or Micro P2 card                  6.2) Number of memory card slots: 2                  6.3) Recording File formats: XAVC/MOV(AVC)/MOV(HAVC)/AVCHD                  6.4) Recording resolution:                  a) UHD - 3840x2160, 4:2:2 color sampling, 10 bit/8 bit depth,                  b) HD-1920x1080, 4:2:2 / 4:2:0 color sampling, 10 bit/8 bit depth,                  c) Audio - LPCM 24 bit                  6.5) Recording time (with 64GB Memory card): Minimum 20 mts in UHD highest resolution (HAVC)</p> <p><b>7. Accessories:</b> Battery, Battery Charger, AC Adopter, Lens hood, Eyecup etc.,</p>						
2.2	<p>Memory card reader /writer compatible with above camera sl. No. 2(i)                  SXS Memory card USB 3.0 Reader/Writer                  Memory card Slot 1 x SxS                  Bus Power: USB                  440Mbps Read Speed and 350 Mbps Write Speed or Higher                  Or Compatible with above camera</p>	02				0.00	0.00 INR Zero Only
2.3	<p>Double Battery pack / compatible with above camera at 2 (i)                  Capacity 14.4v / 56Wh / 3.8Ah Li-Ion Battery and compatible with above camera (Two battery in one Pack).</p>	02 pack				0.00	0.00 INR Zero Only
2.4	<p>Memory Card compatible with above camera s. no. 2(i)                  Card Type- SxS,                  Storage Capacity-64 GB,                  Bus Type-PCI-Express                  Data Transfer-Read Speed: 440 MB/s Maximum (Burst)                  Write Speed: 200 MB/s Maximum (Burst)                  Error Correction- Yes and compatible with above camera</p>	02 pack				0.00	0.00 INR Zero Only

<p>3</p>	<p>Portable (Halogen) light with stand: Lamp power: 1000W Power supply: AC 100-230 V, 50-60 Hz Beam angle:44 - 92 Deg Control: Manual Color Temperature 3200K Protection Rating IP20 Lamp Base Rx7s Approx Dimensions: W 265 x L 260 x H 335 mm Approx Weight: 5.5 Kg Essential Accessories: 4 lead Barn door, Scrims, Glass Filter, C Clamp, Safety Bond, Stand. <u>Illumination:</u>  <table border="1"> <thead> <tr> <th>Distance</th> <th>Beam Angle</th> <th>Foot candles</th> </tr> </thead> <tbody> <tr> <td>4 Mtr</td> <td>44 Deg</td> <td>175</td> </tr> <tr> <td>6 Mtr</td> <td>44 Deg</td> <td>75</td> </tr> <tr> <td>8 Mtr</td> <td>44 Deg</td> <td>44</td> </tr> <tr> <td>4 Mtr</td> <td>92 Deg</td> <td>45</td> </tr> <tr> <td>6 Mtr</td> <td>92 Deg</td> <td>20</td> </tr> <tr> <td>8 Mtr</td> <td>92 Deg</td> <td>12</td> </tr> </tbody> </table> </p>	Distance	Beam Angle	Foot candles	4 Mtr	44 Deg	175	6 Mtr	44 Deg	75	8 Mtr	44 Deg	44	4 Mtr	92 Deg	45	6 Mtr	92 Deg	20	8 Mtr	92 Deg	12	<p>03</p>				<p>0.00</p>	<p>0.00</p>	<p>INR Zero Only</p>
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6	<p><u>Camera slider:</u>                      1. Motorized E-Slider With bubble level                      2.Size-Preferably 8 Feet                      3.Width of rails: 4cm or above                      4.Friction Control Facility                      5.Compatible for DSLR 7D &amp; ENG Video Camera                      6.Material- Aluminum                      7.Sliding Rails Distance: 51 cm or above                      8.With Panning handle                      9.Load bearing-5lbs or above                      10.Flexibility with mounting with other tripod.</p>	01				0.00	0.00	INR Zero Only
7	<p><u>Curve-180 curved circular camera slider:</u>                      1. Material:Aluminum Construction                      2. Compatible for DSLR 7D &amp; ENG Video Camera                      3. Running Track Length: Preferably 8 Feet                      4. Weighing Capacity: 10kg or above                      5.Width: 50mm or above                      6.Curve: 180 Degree                      7.Inner Radius: 1219mm or above                      8.Outer Radius: 1443mm or above                      9.Quick tripod mounting facility                      10. Product Weight (without packing): 5kg (Approx)</p>	01				0.00	0.00	INR Zero Only
8	<p><u>Gimbal for DSLR with MOZA Air Multiple-Functional, Wireless Thumb; Controller and App</u>                      Controller; Facility Dual Handle (MOZ Air Introducing-3Axis Handheld Gimbal)                      1.3 axis handheld gimbal                      2.360 degree rotation                      3.With dual handle                      4.Payload- 3kg or Above                      5.Gimbal weight-3lbs or above or less                      6.Bluetooth control and USB facility                      7.Compatible with Canon 7D DSLR Camera                      8.Battery capacity 2000mAh or above life or above.                      9.With wireless thumb controller                      10. Mechanical Endpoint Range Yaw Axis: <math>\pm 360^\circ</math> continuously                      Tilt Axis: <math>\pm 360^\circ</math> continuously                      Roll Axis: <math>\pm 360^\circ</math> continuously</p>	01				0.00	0.00	INR Zero Only
9	<p><u>Mini Jib for DSLR and Handheld camera</u>                      1.Weighing Capacity-8kg or above                      2.Material used- Aluminum                      3.Jib Arm Shape-Rectangle                      4.9ft jib arm with tripod stand                      5. Camera Tilt Angles- Upto 180 degree                      6. Height Range from ground level- 8.75ft</p>	01				0.00	0.00	INR Zero Only

	(Approx) when stand height adjusted at 5ft (Approx) 7. Camera Mount plate- Compatible with Canon 7D DSLR 8. Length from tripod to Camera Mount- 10 ft and above 9. With LCD Mount Provision							
10	Monopod for DSLR and Handheld camera (compatible With 7D cannon DSLR camera) 1.Three leg self standing with fluid head 2.Material made- Aluminium 3.Maximum Working Height: 150cm(approx) 4.The Minimum Height: 55cm (approx)	01				0.00	0.00	INR Zero Only
11	DMX Dimming Console CX-12 Lite Puter or compatible dimmer (Compatible dimmer with DMX Diming Console CX-12 LitePuter	01				0.00	0.00	INR Zero Only
12	HD-Dongle wireless display receiver for mobile mirroring in smart display To Screen Mirroring from Laptop, Mac book, iphone and all android mobiles with HDMI port	03				0.00	0.00	INR Zero Only
13	Thunder Bolt to multi converter Thunderbolt 3 to Type C, HDMI, VGA, USB 3.0, etc.	01				0.00	0.00	INR Zero Only
14	Blue Ray recorder Access time: BD-180ms DVD -170 ms, CD-150 ms, Interface-USB 2.0/USB 3.0 OS Support: windows 10 and Mac OS X System Disc Formats: Audio CD, Video CD, Multi-session CD, BD video, DVD	01				0.00	0.00	INR Zero Only



**ANNEXURE-IV**

**LETTER OF ACCEPTANCE  
or  
LETTER OF AWARD  
(Ref. clause 2.12.1 & 2.12.2)**

**Confidential**

Tender No. MANUU/Purchase/F.33/2019-20/

Dated:

**Contract Title: Supply and installation of Media Equipment at MANUU, Hyderabad.**

To

M/s .....  
.....  
.....

Subject:- Award for tender No. MANUU/Purchase/F.33/2019-20/... Supply and installation of Media Equipment at Instructional Media Centre, MANUU, Hyderabad.

Ref. Your offer No.....dated.....against our tender No. MANUU/Purchase/F.33/2019-20/..... opened on.....

Dear Sir/ Madam,

I am directed to inform you that after evaluating the bid documents submitted by you on .....(date), Maulana Azad National Urdu University, Hyderabad is pleased to inform you that you have been selected as the successful bidder for **“Supply and installation of Media Equipment at Instructional Media Centre, MANUU, Hyderabad”**. The total cost shall be .....(amount) as indicated in your financial bid submitted on.....(date), in accordance with the procedures intimated in the relevant bid documents.

2. You / your authorized representative(s) are requested to be personally present at Office of the Registrar, Maulana Azad National Urdu University, Hyderabad for signing of the contract by.....(date).
3. In this respect, we also request you to submit the performance security of Rupees .....by.....(date). Security deposit being 10% of the total cost of Rs.....
4. Please apply for refund of EMD deposited along with the bid.
5. You are requested to execute necessary agreement within seven days from the date of issue of this letter in the enclosed agreement form.
6. This notification concludes the legally binding contract between you and the Maulana Azad National Urdu University, Hyderabad till issue of a formal contract.

Yours truly,

Encl. Schedule of Requirements

Registrar

**ANNEXURE-V**

**BID SECURITY SUBMISSION FORM  
(THROUGH BANK GUARANTEE)  
(Ref. clause 2.5.1)**

No.....

Date.....

To  
The Registrar (hereinafter called "The Client")  
Maulana Azad National Urdu University,  
Gachibowli  
Hyderabad 500032

Whereas M/s..... (hereinafter called "the tenderer") has submitted its bid dated.....for "Supply and installation of Media Equipment at Instructional Media Centre, MANUU, Hyderabad against owner's Tender No. MANUU/Purchase/F.33/2019-20/..... dated.....

KNOW ALL MEN by these presents that WE .....having our registered office at ..... (hereinafter called 'the Bank') are bound unto the Client in the sum of Rs. ....../( Rupees ..... only) for which payment will and truly to be made to the said Client, the Bank binds itself, its successors and assigns by these present. Sealed with the Common Seal of the Bank this .....day of .....2019.

**THE CONDITIONS OF THIS OBLIGATION ARE:**

1. If the tenderer withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of this tender,
2. If the tenderer having been notified of the acceptance of his tender by the Client during the period of its validity:
  - (a) fails or refuses to accept /execute the contract,
  - (b) fails or refuses to furnish the Performance Security for the due performance of the contract,

We undertake to pay the Client up to the above amount upon receipt of its first written demand, without the Client having to substantiate its demand, provided that in its demand the Client will note that the amount claimed by it is due to it owing to the occurrence of any one or both of the conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including 60 days after the period of tender validity and any demand in respect thereof should reach the Bank not later than the above date.

Signature of the authorized officer of the Bank  
Name & Designation of the office  
Seal, Name & Address of the Bank and Branch  
Tel No./ Fax No. of Branch



**ANNEXURE-VI****PERFORMANCE SECURITY SUBMISSION FORM  
(THROUGH BANK GUARANTEE)**

(To be executed on non-judicial stamped paper of an appropriate value)  
(Ref. clause 4.2.1)

Date : .....

Bank Guarantee No : .....

Amount of Guarantee : .....

Guarantee Period : From ..... to .....

Guarantee Expiry Date : .....

Last date of Lodgement : .....

**WHEREAS** Maulana Azad National Urdu University, Gachibowli, Hyderabad 500032 (hereinafter referred to as "**The Owner**") which expression shall unless repugnant to the context includes their legal representatives, successors and assigns) has executed a binding to the contract on [*insert date of acceptance of the letter of acceptance(LOA)*] with [*insert name of the Successful Bidder*] .....(hereinafter referred to as the "**Contractor**") which expression shall unless repugnant to the context include its legal representatives, successors and permitted assigns) for the performance, execution and supply and installation of Media Equipment shall have the meaning ascribed to it in the Contract] based on the terms & conditions set out in the Tender Documents number [*insert reference number of the Tender Documents*] dated [*insert date of issue of Tender Documents*].....and various other documents forming part thereof.

**AND WHEREAS** one of the conditions of the Contract is that the Contractor shall furnish to the Owner a Bank Guarantee from a commercial bank in India having a branch at Hyderabad for a sum of Rs...../- (the amount guaranteed under this bank guarantee shall hereinafter be referred to as the "**Guaranteed Amount**") against due and faithful performance of the Contract including the performance bank guarantee obligation and other obligations of the Contractor for the supplies made and the services being provided and executed by under the Contract. This bank guarantee shall be valid from the date hereof up to the expiry of the Contract Period including any extension thereof.

**AND WHEREAS** the Contractor has approached [*insert the name of the commercial bank*] (here in after referred to as the "**Bank**") having its registered office at [*insert the address*].....and at the request of the Contractor and in consideration of the promises made by the Contractor, the Bank has agreed to give such guarantee as hereunder:

- (i) The Bank hereby undertakes to pay under this guarantee, the Guaranteed Amount claimed by the Owner without any further proof or conditions and without demur, reservation, contest, recourse or protest and without any enquiry or notification to the Contractor merely on a demand raised by the Owner stating that the amount claimed is due to the Owner under the Contract. Any such demand made on the Bank by the Owner shall be conclusive as regards the amount due and payable by the Bank under this bank guarantee and the Bank shall pay without any deductions or set offs or counterclaims whatsoever, the total sum claimed by the Owner in such Demand. The Owner shall have the right to make an unlimited number of Demands under this bank guarantee provided that the aggregate of all sums paid to the Owner by the Bank under this bank guarantee shall not exceed the Guaranteed Amount. In each case of demand, resulting to change of



PBG values, the Owner shall surrender the current PGB to the bank for amendment in price.

- (ii) However, the Bank's liability under this bank guarantee shall be restricted to an amount not exceeding Rs...../-[Rupees..... only].
- (iii) The Owner will have the full liberty without reference to the Bank and without affecting the bank guarantee to postpone for any time or from time to time the exercise of any powers and rights conferred on the Owner under the Contract and to enforce or to forbear endorsing any powers or rights or by reasons of time being given to the contractor which under law relating the Surety would but for the provisions have the effect of releasing the surety.
- (iv) The rights of the Owner to recover the Guaranteed Amount from the Bank in the manner aforesaid will not be affected or suspended by reasons of the fact that any dispute or disputes have been raised by the Contractor and / or that any dispute(s) are pending before any office, tribunal or court in respect of such Guaranteed Amount and/ or the Contract.
- (v) The guarantee herein contained shall not be affected by the liquidation or winding up, dissolution, change of constitution or insolvency of the Contractor but shall in all respects and for all purposes be binding and operative until payment of all money due to the Owner in respect of such liability or liabilities is effected.
- (vi) This bank guarantee shall be governed by and construed in accordance with the laws of the Republic of India and the parties to this bank guarantee hereby submit to the jurisdiction of the Courts of Hyderabad for the purposes of settling any disputes or differences which may arise out of or in connection with this bank guarantee and for the purposes of enforcement under this bank guarantee.
- (vii) All capitalized words used but not defined herein shall have the meanings assigned to them under the Contract.
- (viii) NOTWITHSTANDING anything stated above, the liability of the Bank under this bank guarantee is restricted to the Guaranteed Amount and this bank guarantee shall expire on the expiry of the Warranty Period under the Contract.
- (ix) Unless a Demand under this bank guarantee is filed against the Bank within six (6) months from the date of expiry of this bank guarantee all the rights of the Owner under this bank guarantee shall be forfeited and the Bank shall be relieved and discharged from all liabilities hereunder.
- (x) However, in the opinion of the Owner, if the Contractor's obligations against which this bank guarantee is given are not completed or fully performed by the Contractor within the period prescribed under the Contract, on request of the Contractor, the Bank hereby agrees to further extend the bank guarantee, till the Contractor fulfills its obligations under the Contract.
- (xi) We have the power to issue this bank guarantee in your favour under Memorandum and Article of Association and the Undersigned has full power to do so under the Power of Attorney dated [*date of power of attorney to be inserted*] granted to him by the Bank.

Date:

Bank  
(Corporate Seal of the Bank)  
*Signature of the person duly authorized  
to sign on behalf of the Bank*



## Annexure - VII

**Compliance Report of Each Item**

Sl.	Name of Equipment	Quantity Required	Compliance	Deviation (if any) please specify
1(i)	Non linear edit suits with softwares: (MS- Window Based Workstation with Software and accessories) Intel® Xeon® Silver 4116 processor (or higher) x 2 Ram : 64 GB or more Chipset : Intel Internal Storage : 512GB SATA SSD or higher 4TB SATA 7200RPM 3.5" HDD (two number) Graphics : NVIDIA Quadro P4000 Optical Device : Blue Ray Writer (Latest) Professional Burning Tool Keyboard : Avid Media Composer/Standard Professional Mouse : Optical Media Card Reader O/S : MS Windows 10 Pro 64bit Display : 32-inch 4K UHD Display Capturing Card : Black Magic Deck Link Studio 4 K Extreme 12 G Non Linear Editing Software : Avid Media Composer 2018 or Latest	02	Yes/No	
1(ii)	Non Linear Edit suits with software: (Mac Based Workstation with Software and accessories) Processor : 3.0GHz 8-Core Intel Xeon E5 (or Higher ) with 25MB L3 cache and Turbo Boost up to 3.9GHz, Ram : 16GB (Four 4GB) of 1866MHz DDR3 ECC memory, Graphics Card : Dual AMD FirePro D700 graphics processors with 6GB of GDDR5 VRAM each, Storage : 256GB PCIe-based flash storage, 802.11ac Wi-Fi wireless networking 4 USB Port V 3, 6 Thunderbolt, Dual Gigabit Ethernet, HDMI 1.4 Ultra HD Ports Built in Bluetooth 4.0 and 802.11ac Wi-Fi, Operating System : Mac OS X Apple Wired Keyboard. Apple wired/wireless Mouse Apple Care Protection Plan for MacPro. Display : 32 -inch 4K UHD Display  Mini Display Port to HDMI Adapter. Apple Final Cut Pro X or Higher, Motion, Compressor Capturing Card : Black Magic Design Ultra Studio 4K 12G 02 Thunderbolt. Apple Thunderbolt Cable. External Storage : G Drive 12TB Thunderbolt Storage with cable.	01	Yes/No	
2 (i)	<b>ENG Video Camera</b> 4K Professional Video Camcorder; Recorded Video and audio file formats to be compatible with latest version of Avid media composer, Final cut pro and Adobe CC editing Software.	02	Yes/No	

	<p><b>Technical Specifications:</b></p> <p><i>13. Packup device:</i>  13.1 size 3x1/2 or 3x1/3 or 1x1 inch-type MOS image sensors  13.2 Effective pixels: 3840 (H) and 2160 (V)</p> <p><i>14. Lens:</i>  2.1) Lens mount: Fixed  2.2) Zoom Ratio:17x(optical) or better  2.3) Servo/manual  2.4) Optical Image stabiliser</p> <p><i>15. Camera Section :</i>  3.1) Optical System: F1.6 prism system  3.2) ND filters: CLEAR, 1/4ND, 1/16ND, 1/64ND  3.3) Sensitivity: (20001x, 89.9% reflectance) or better  3.4) Horizontal Resolution:  2,000 TV lines or more (3840 x2160p mode) or better  1,000 TV lines or more (1920 x1080p mode) or better  3.5) Shutter Speed: 1/50 sec to 1/8,000 sec or better  3.6) Slow Shutter: 1/2 to 1/25 sec or better  3.7) Gain Setting: -3dB to 18 dB or better  3.8) Color Temperature selection: ATW, Ch-A, Ch-B, 3200K</p> <p><i>16. Video/Audio Input / outputs:</i>  4.1) Video Output: BNCx1HD-SDI, SD-SDI  4.2) HDMI Out: HDMIx1:4:2:2 /10 bit /UHD/Hd/SD format support  4.3) Audio Input: XLR-type 3-pin (female) (x1)  LINE: +4, 0 dBu  MIC: -60 dBu variable  4.4) Audio Output: Headphone jack</p> <p><i>17. Monitoring:</i>  5.1) LCD Monitor: 3.5 type, Approx. 1.3 M dots  5.2) Viewfinder: 0.39 type</p> <p><i>18. Recording:</i>  6.1) Recording Media: SDHC/DSXC memory cards and / or Micro P2 card  6.2) Number of memory card slots: 2  6.3) Recording File formats:  XAVC/MOV(AVC)/MOV(HAVC)/AVCHD  6.4) Recording resolution:  a) UHD - 3840x2160, 4:2:2 color sampling, 10 bit/8 bit depth,  b) HD-1920x1080, 4:2:2 / 4:2:0 color sampling, 10 bit/8 bit depth,  c) Audio - LPCM 24 bit  6.5) Recording time (with 64GB Memory card):  Minimum 20 mts in UHD highest resolution (HAVC)</p> <p><i>7. Accessories:</i> Battery, Battery Charger, AC Adopter, Lens hood, Eyecup etc.,</p>			
<p>2 (ii)</p>	<p>Memory card reader /writer compatible with above camera sl. No. 2(i) SXS Memory card USB 3.0 Reader/Writer  Memory card Slot 1 x SxS  Bus Power: USB  440Mbps Read Speed and 350 Mbps Write Speed or Higher Or Compatible with above camera</p>	<p>02</p>	<p>Yes/No</p>	



2 (iii)	Double Battery pack / compatible with above camera at 2 (i) Capacity 14.4v / 56Wh / 3.8Ah Li-Ion Battery and compatible with above camera (Two battery in one Pack).	02 pack	Yes/No																						
2 (iv)	Memory Card compatible with above camera s. no. 2(i) Card Type- SxS, Storage Capacity-64 GB, Bus Type-PCI-Express Data Transfer-Read Speed: 440 MB/s Maximum (Burst) Write Speed: 200 MB/s Maximum (Burst) Error Correction- Yes and compatible with above camera	02 pack	Yes/No																						
3	<p>Portable (Halogen) light with stand:</p> <p>Lamp power: 1000W Power supply: AC 100-230 V, 50-60 Hz Beam angle:44 - 92 Deg Control: Manual Color Temperature 3200K Protection Rating IP20 Lamp Base Rx7s Approx Dimensions: W 265 x L 260 x H 335 mm Approx Weight: 5.5 Kg Essential Accessories: 4 lead Barn door, Scrims, Glass Filter, C Clamp, Safety Bond, Stand.</p> <p><u>Illumination:</u></p> <table border="1" data-bbox="260 1003 826 1223"> <thead> <tr> <th><u>Distance</u></th> <th><u>Beam Angle</u></th> <th><u>Foot candles</u></th> </tr> </thead> <tbody> <tr> <td>4 Mtr</td> <td>44 Deg</td> <td>175</td> </tr> <tr> <td>6 Mtr</td> <td>44 Deg</td> <td>75</td> </tr> <tr> <td>8 Mtr</td> <td>44 Deg</td> <td>44</td> </tr> <tr> <td>4 Mtr</td> <td>92 Deg</td> <td>45</td> </tr> <tr> <td>6 Mtr</td> <td>92 Deg</td> <td>20</td> </tr> <tr> <td>8 Mtr</td> <td>92 Deg</td> <td>12</td> </tr> </tbody> </table>	<u>Distance</u>	<u>Beam Angle</u>	<u>Foot candles</u>	4 Mtr	44 Deg	175	6 Mtr	44 Deg	75	8 Mtr	44 Deg	44	4 Mtr	92 Deg	45	6 Mtr	92 Deg	20	8 Mtr	92 Deg	12	03	Yes/No	
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6 Mtr	56 Deg	34																							
<p>6</p>	<p><u>Camera slider:</u>                  5. Motorized E-Slider With bubble level                  2.Size-Preferably 8 Feet                  3.Width of rails: 4cm or above                  4.Friction Control Facility                  5.Compatible for DSLR 7D &amp; ENG Video Camera                  6.Material- Aluminum                  7.Sliding Rails Distance: 51 cm or above                  8.With Panning handle                  9.Load bearing-5lbs or above                  10.Flexibility with mounting with other tripod.</p>	<p>01</p>	<p>Yes/No</p>																						
<p>7</p>	<p><u>Curve-180 curved circular camera slider:</u>                  1. Material:Aluminum Construction                  6. Compatible for DSLR 7D &amp; ENG Video Camera                  7. Running Track Length: Preferably 8 Feet                  8. Weighing Capacity: 10kg or above                  5.Width: 50mm or above                  6.Curve: 180 Degree                  7.Inner Radius: 1219mm or above                  8.Outer Radius: 1443mm or above                  9.Quick tripod mounting facility                  10. Product Weight (without packing): 5kg (Approx)</p>	<p>01</p>	<p>Yes/No</p>																						



8	<u>Gimbal for DSLR with MOZA Air Multiple- Functional, Wireless Thumb: Controller and App</u> Controller; Facility Dual Handle (MOZ Air Introducing-3Axis Handheld Gimbal) 1.3 axis handheld gimbal 2.360 degree rotation 3.With dual handle 4.Payload- 3kg or Above 5.Gimbal weight-3lbs or above or less 6.Bluetooth control and USB facility 7.Compatibile with Canon 7D DSLR Camera 8.Battery capacity 2000mAh or above life or above. 9.With wireless thumb controller 10. Mechanical Endpoint Range Yaw Axis: $\pm 360^\circ$ continuously Tilt Axis: $\pm 360^\circ$ continuously Roll Axis: $\pm 360^\circ$ continuously	01	Yes/No	
9	<u>Mini Jib for DSLR and Handheld camera</u> 1.Weighing Capacity-8kg or above 2.Material used- Aluminum 3.Jib Arm Shape-Rectangle 4.9ft jib arm with tripod stand 5. Camera Tilt Angles- Upto 180 degree 6. Height Range from ground level- 8.75ft (Approx) when stand height adjusted at 5ft (Approx) 7. Camera Mount plate-Compatible with Canon 7D DSLR 8. Length from tripod to Camera Mount- 10 ft and above 9. With LCD Mount Provision	01	Yes/No	
10	<u>Monopod for DSLR and Handheld camera (compatible With 7D cannon DSLR camera)</u> 1.Three leg self standing with fluid head 2.Material made- Aluminium 3.Maximum Working Height: 150cm(approx) 4.The Minimum Height: 55cm (approx)	01	Yes/No	
11	<u>DMX Dimming Console CX-12 Lite Puter or compatible dimmer (Compatible dimmer with DMX Diming Console CX-12 LitePuter</u>	01	Yes/No	
12	<u>HD-Dongle wireless display receiver for mobile mirroring in smart display To Screen Mirroring from Laptop, Mac book, iphone and all android mobiles with HDMI port</u>	03	Yes/No	
13	<u>Thunder Bolt to multi converter Thunderbolt 3 to Type C, HDMI, VGA, USB 3.0, etc.</u>	01	Yes/No	
14	<u>Blue Ray recorder</u> Access time: BD-180ms DVD -170 ms, CD-150 ms, Interface-USB 2.0/USB 3.0 OS Support: windows 10 and Mac OS X System Disc Formats: Audio CD, Video CD, Multi-session CD, BD video, DVD	01	Yes/No	