

# DigiSkills.pk

Sara Jahan Hamara

## TENDER NOTICE

### Through e\_Pak Acquisition and Disposal System (EPADS)

Sealed Tenders are invited through (EPADS) <https://eprocure.gov.pk> from the Firms who are registered with Tax Authorities on Active Taxpayers List (ATL) of FBR, for the following:

Sr. No.	Description	Tender Fee (Rs.)	Tender Opening Date	Tender Receiving/Opening Time
1.	Tender No. VU/25-26/01/879 (DigiSkills 3.0) <b>AUDIO VIDEO EQUIPMENT</b> (Studio Equipment & Accessories)	2,000/-	February 09, 2026	Receiving: 02:00pm Opening: 02:30pm

Tender documents of above-mentioned tender are also available on DigiSkills website <https://www.digiskills.pk/tenders> however submission only be accepted through EPADS.

**The complete tendering process shall be carried out through EPADS.**

Interested bidders are requested to register themselves on the EPADS <https://eprocure.gov.pk> and submit their tender documents on EPADS.

The Bid Security (if any) for the Bid which is mentioned in the bidding documents in the requisite form, drawn in favor of "Virtual University of Pakistan" scanned copy of which is required to be uploaded through EPADS and hard copy must be submitted physically along with hard-copy of sealed bidding document on the closing date of the tender to Virtual University of Pakistan at the address given below.

Tenders without bid security (if any) shall not be accepted. Tender receiving and opening timings shall be strictly observed.

The University reserves the right to accept or reject any bid or annul the procurement process at any time as prescribed under PPRA Rules.

Tender Notice is available at PPRA Website ([www.ppra.org.pk](http://www.ppra.org.pk)) and Digiskills website.

### PROCUREMENT DEPARTMENT

PID (I) No.6021/25

### DIRECTORATE OF FINANCE, VIRTUAL UNIVERSITY OF PAKISTAN

SIR SYED MEMORIAL SOCIETY BUILDING 19-ATATURK AVENUE, G-5/H, ISLAMABAD

Phone No: 051-111-880-880

Extension for Technical Queries: 3683 | Extension for Financial Queries: 3915 / 1323 / 1354

Email: [po@vu.edu.pk](mailto:po@vu.edu.pk) | Website: [www.digiskills.pk](http://www.digiskills.pk) | VU NTN: 4388557-8



# **DIGISKILLS TRAINING PROJECT 3.0**

**Sir Syed Memorial Society Building, 19-Ataturk Avenue, G-5/1, Islamabad**  
<http://www.vu.edu.pk>

## **TENDER DOCUMENT**

### **AUDIO VIDEO EQUIPMENT** **(STUDIO EQUIPMENT & ACCESSORIES)**

#### **Tender No. VU/25-26/01/879 (DigiSkills 3.0)**

This tender will be opened on **February 9, 2026, at 02:30 pm** in the Procurement Department, Virtual University of Pakistan, Sir Syed Memorial Society, 19-Ataturk Avenue, G-5/1, Islamabad for DigiSkills Training Project 3.0.

Name of Firm / Company: \_\_\_\_\_

Address: \_\_\_\_\_

Contact Person: \_\_\_\_\_ Designation: \_\_\_\_\_

Phone No: \_\_\_\_\_ Fax No: \_\_\_\_\_ Cell No: \_\_\_\_\_

GST Reg. No: \_\_\_\_\_ N.Tax Number: \_\_\_\_\_

Active email address (CAPITAL letters): \_\_\_\_\_

#### **Status of Firm/Company** (Pls. tick appropriate box)

Manufacturer  Authorized Distributor  General Supplier / Reseller

**ITEMS MARKED WITH (\*) MUST BE ATTACHED; OTHERWISE, YOUR BID SHALL BE DECLARED AS NON-RESPONSIVE**

#### **PROCUREMENT METHOD:**

#### **“SINGLE STAGE TWO ENVELOPS BIDDING PROCEDURE”**

1. Bidding is on the basis of National Competitive Bidding (NCB) in accordance with “Single Stage Two Envelope Bidding Procedure” comprising of “Technical Proposal & Financial Proposal” (Separately Sealed) in single package, as per PPRA-Rules 2004 Clause No. 36(b).
2. No bid shall be considered if;
  - Not uploaded at EPADS
  - Not provided in shape of hard copy by the given schedule at given location
  - Both uploaded and hard copies of the bids must be with the same bidder name
  - Received without Original Bid Security (if any) and Tender Fee in a single envelop
3. Tender document duly completed should reach the Procurement Department, Directorate of Finance, Virtual University of Pakistan, not later than **02:00 pm on February 9, 2026**. Late Tenders will not be entertained. No telegraphic or faxed bid will be accepted.
4. Technical Proposals shall be opened at **02:30 pm on the same date** in the office of Procurement Department, Directorate of Finance, Virtual University of Pakistan, Islamabad.

5. **VU - DSTP shall open all bids through EPADS as per given schedule and place specified above, in presence of the bidders' representatives who choose to attend the meeting and shall sign an attendance sheet as evidence of their presence.**
6. Sealed Financial Proposals shall be held in safe custody. Financial Proposals will be opened publicly after completing the technical evaluation, in the presence of technically qualified bidder(s), on the date and the timings given afterwards.
7. Financial Proposals of technically non-qualified bidder(s) shall be returned un-opened.
8. If two or more bidders quote the same price in Financial Proposal, then the contract will be equally divided among all those bidder(s) or will be awarded to the bidder with better technical specification or Virtual University-DSTP may ask the bidders to submit Financial Proposal again.

## **TERMS AND CONDITIONS:**

1. Notice issued in the media is a part of this tender document.
2. The Bidder is expected to examine all instructions, forms, terms and specifications in the Bidding Documents carefully. Failure to furnish the required information may result in the rejection of the Bid.
3. Tender shall be opened on the given date, time and venue. In the case of holiday on given tender opening date, same shall be opened on next working day.
4. Tender should be addressed to the Project Director - DSTP, Virtual University of Pakistan.
5. VU-DSTP takes no responsibility for delay, loss or non-receipt of bids sent by post/courier.
6. Original tender Document, along with item specifications must be attached. All pages must be signed and stamped. (\*)
7. Technical evaluation shall be carried out by the Technical Evaluation Committee and finalized according to the recommendations of the Committee.
8. Please attach financial soundness certificate / Account Maintenance Certificate issued by your bank which should not be older than 03 months. (\*)
9. The bidder must submit an "Affidavit" on Rs.100/- Stamp Paper that the Bidder/Firm/Company/Contractor is not Blacklisted from Public Procurement Regulatory Authority (PPRA). Draft is given herewith in the document. (\*)
10. The bidder submit the list of Directors/Partners/Owners along with the bid.
11. The bidder must be a registered taxpayer with FBR on Active Taxpayer List (ATL) and certificate must be attached for NTN and GST. (If GST is exempted, please provide necessary evidence). (\*)
12. GST should be exclusively/separately indicated in the Tender document and bill/invoice.
13. Bidder(s) should quote their rates (including all applicable taxes & duties at the prevailing rates) clearly on the Tender Document for each item both in figures and words.
14. The bid shall remain valid for a period of three (3) months from the date of opening of the bid. Validity of bid for a shorter period shall be rejected as non-responsive. (\*)
15. To submit a tender with the Virtual University of Pakistan, you are required to include a Pay Order or Demand Draft for the amount of **Rs. 2,000/-** made out in favor of the **Virtual University of Pakistan VU-Digiskills**. Tender Fee can be deposited in any branch of **Meezan Bank Limited in Account No. PK60MEZN0002530103055258** of **Virtual University of Pakistan VU-DigiSkills**. Original deposit slip must be attached with the bid. This payment is a non-refundable tender fee, and it is mandatory for your tender submission. Please note that cash and crossed/open cheques are not acceptable as payment methods for this fee. Tender without tender fee shall not be accepted. (\*)
16. The Bidder shall furnish, as part of its bid, a "Bid Security (Earnest Money)", **amounting to Rs. 500,000/- in shape of DD/PO/CDR or a Bank Guarantee only** (Cheques shall not be accepted) Bid without earnest money shall not be entertained even (if) bidder is technically qualified. (\*)  
**A scanned copy of bid security is required to be uploaded through EPADS and hard copy must be submitted physically with the bidding documents on the closing date of the tender. (\*)**  
**Please submit original instruments of Tender Fee and Bid Security in a separate envelope within the Main Envelop or in Technical Proposal only. (\*)**
17. The bid security is refundable to the unsuccessful bidders after finalization of the tender.
18. Bid security of successful bidder (in which warranty is applicable) will be retained till providing

the Performance Security in shape of a Bank Guarantee as per detail given ahead.

**19.** The successful bidder shall have to furnish within **Twenty one (21) days** after the execution / signing of the contract / issuance of Purchase Order, a performance security to the amount of **5% of the contract price / value of the Purchase Order** to, VU-DSTP. The proceeds of the performance security shall be payable to VU-DSTP as compensation for any loss resulting from the Supplier's failure to complete its obligations under the contract / order. The performance security shall be denominated in the currency of the contract and shall be in the following form.

- A Bank Guarantee issued by any Commercial Bank located in Pakistan ("A" rated or above).
- The performance bond will be discharged by VU-DSTP not later than **15 days** following the date of expiry of the warranty, under the contract / purchase order.

**20.** If the Performance security is not submitted to VU-DSTP within the specified period or its amount is less than 5% of the contract price / purchase order value, VU reserves the right to cancel the award of contract / purchase order and forfeit the Bid Security.

**21.** Items must be delivered to the DigiSkills Training Project Office, Virtual University Campus, 5-KM, Raiwind Road, Lahore within **Ninety (90) days** from receipt of the Purchase Order.

- a. No extensions will be allowed unless granted by Purchase committee on solid grounds.
- b. Delay in provision of goods/item(s)/services by the bidder(s)/supplier(s) in accordance with the time schedule prescribed in the General Terms and Conditions (GTC) shall not be tolerated and in such default, penalty for delaying goods/item(s) shall be imposed @ 0.1% per day of the total contract / order amount or value of the items / services delivered after due date, which will be capped to maximum of 10% of the total value of the Contract / purchase order / undelivered items/services.
- c. The penalty on the value of goods/item(s) not delivered in time will be imposed which may lead to cancellation of order without any liability to the university and the said bidder/supplier/firm/company may also be blacklisted.
- d. Moreover, any penalty may be imposed by the VU-DSTP in case of any default by the bidder/supplier, in addition to initiating legal action against such defaulter. Virtual University-DSTP has also the right to stop its pending payment or forfeit its guarantee/security submitted to the Virtual University of Pakistan-DSTP in this procurement or any other contract.

**22.** Notwithstanding anything contrary provided in the provisions of General Terms and Conditions (GTC) Clauses, the Bidder/Supplier shall not be liable for forfeiture of its performance security, liquidated damages, late delivery charges, or termination for default if and to the extent that it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of the Force Majeure.

- a. For purposes of this clause, "Force Majeure" means an event beyond the control of the Bidder/Supplier and not involving the Bidder/Supplier's fault or negligence and not foreseeable, such as, acts of God, perils of navigation, floods, storms, earthquakes, fire, hostilities, war (declared), terrorism, Port closure, Impositions of restrictions or regulations by any Government or Government Agency, illegality arising from applicable domestic or foreign laws or regulations, blockage and strikes that is politically motivated strikes and is widespread or nationwide, insurrection.
- b. A change in economic/market circumstances or unexpected hike in prices affecting the profitability of a contract or the ease with which parties' obligations can be performed, is not a force majeure event."
- c. If a Force Majeure situation arises, the Bidder/Supplier shall promptly notify the Virtual University-DSTP in writing within five days from the date of such event of such condition and the cause thereof along with evidence, moreover take all steps that are reasonably necessary to mitigate or remove the consequences of force majeure. Where such notice of Force Majeure is not served by the Party claiming Force Majeure within the period prescribed herein then that

Party's right to claim Force Majeure for that event would stand irrevocably waived.

d. Unless otherwise directed by the Virtual University -DSTP in writing, the Bidder/Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event. The benefit of Force Majeure shall be in favor of the client (VU-DSTP), if it happened anytime.

23. Virtual University - DSTP requires Contractors/Bidders, to the highest standard of ethics during the procurement and execution of contracts. For the purposes of this provision, the terms set forth in PPRA Rules /Act shall be applicable:

- a. VU-DSTP will bar a firm/company/individual bidders/Contractors /consultant or whatsoever named, in accordance with Blacklisting procedures under Public Procurement Rules 2004 in any case if deems so.
- b. Furthermore, the Contractor/ Bidder(s) shall be aware of the provision stated in the General Terms & Conditions of the Contract.

24. Virtual University - DSTP may, under the applicable Law (s) for a specified period, debar a bidder/ Contractor from participating in any public procurement process of VU-DSTP, if the bidder or Contractor has

- a. Acted in a manner detrimental to the public interest or good practices.
- b. Consistently failed to perform its obligation under the contract.
- c. Not performed the contract up to the mark.
- d. Indulged in any corrupt practice.

If VU-DSTP debars a bidder/Contractor, the procuring agency:

- a. The said bidder/firm/company may also be blacklisted for a period of at least three (03) years.
- b. May forward the decision to the Public Procurement Regulatory Authority (PPRA) for publication on the website of the PPRA; and
- c. May request the PPRA to debar the bidder or contractor for procurement of all procuring agencies.

25. Virtual University - DSTP has the right to take any legal action against the bidder/supplier/firm/company, in addition to blacklisting, if it is found involved in corrupt practices.

26. Virtual University - DSTP reserves the right to increase or decrease the quantity of goods specified ahead at the time of award of tender as per PPRA Rules. VU-DSTP also reserves the right to place the order on a partial shipment basis.

27. The supplied items should conform to the standard specifications, must be brand new and be free from defects in all respects.

28. Income tax and GST shall be withheld as per Government rules.

29. Payment shall be released after submission of the Commercial invoice & Sales Tax Invoice, duly verified by the technical department. The payment will be made in accordance with SRO 660(I) 2007.

30. Virtual University - DSTP reserves the right to accept or reject any bid or annul the procurement process a tany time as prescribed under PPRA Rules.

31. A bidder requiring any clarification in the bidding document shall contact the VU - DSTP in writing within **Five (05) days through EPADS or through given email**. The VU - DSTP will respond in writing to respond to any clarification provided that such request is received within time. Should the clarification result in changes to the essential elements of the bidding documents, the VU - DSTP shall amend the bidding documents at any time prior to the deadline for the submission of bids. The VU - DSTP may amend the bidding documents by issuing addenda. Any addendum issue shall be part of the bidding document and shall be communicated in writing to all who obtained the bidding document from the VU - DSTP. The

VU - DSTP shall also promptly publish the addendum to the Bidder on the VU / DigiSkills website and EPADS.

32. To assist in the examination, evaluation, comparison of the Bids, and qualification of the Bidders, the VU-DSTP may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the VU - DSTP shall not be considered. The VU - DSTP request for clarification and the response shall be in writing. No change, including any voluntary increase or decrease, in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the VU - DSTP in the evaluation of the Bids. If a Bidder does not provide clarifications of its Bid by the date and time set in the VU - DSTP's request for clarification, its Bid may be rejected.

33. Provided that the Bid is substantially responsive, the VU - DSTP shall correct arithmetical errors on the following basis:

- a. if there is a discrepancy between the unit price and the line-item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line-item total shall be corrected, unless in the opinion of the VU-DSTP there is an obvious misplacement of the decimal point in the unit price, in which case the line-item total as quoted shall govern and the unit price shall be corrected.
- b. if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected.
- c. if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

34. Bidders shall be requested to accept correction of arithmetical errors. Failure to accept the corrections shall result in the rejection of the Bid.

#### 35. Amicable Settlement

- a. VU - DSTP and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with this contract.
- b. Except as otherwise provided in the contract, any difference, dispute or question arising out of or with reference to this contract which cannot be settled amicably, shall within **(30) thirty days** from the date that either party informs the other in writing that such difference, dispute or question exists, be referred to arbitration.
- c. Within 30 days of the said notice, one arbitrator shall be nominated in writing by VU-DSTP and one arbitrator shall be nominated in writing by the Supplier. The two arbitrators shall initiate arbitration proceedings at Islamabad. In case the two arbitrators do not reach any agreement, a third arbitrator shall be selected by the two arbitrators.
- d. The arbitration shall be conducted in accordance with the rules of procedure set forth in the Arbitration Act 1940 or as subsequently amended. The contract of the majority of the arbitrators shall be final and binding on both Parties. Each party shall bear the cost of its own arbitrator and the cost of the third arbitrator shall be borne equally by both parties. In the event of an arbitrator resigning or becoming incapable or unable to act, the party nominating such arbitrator shall be entitled to appoint another one in the place of the outgoing arbitrator. Proceedings shall continue without recommencing as if such arbitrator had been originally nominated.

36. An abnormally Low Bid is one where the Bid price, in combination with other constituent elements of the Bid, appears unreasonably low to the extent that the Bid price raises material concerns with the Procuring Agency as to the capability of the Bidder to perform the Contract for the offered Bid price. In the event of identification of a potentially abnormally Low Bid, the VU-DSTP shall seek written clarification from the Bidder, including a detailed

price analysis of its Bid price in relation to the subject matter of the contract, scope, delivery schedule, allocation of risks and responsibilities and any other requirements of the bidding document. After evaluation of the price analysis, in the event that the VU-DSTP determines that the Bidder has failed to demonstrate its capability to perform the contract for the offered Bid price, the VU-DSTP shall reject the Bid.

37. The supplied items should conform to the standard specifications and be free from defects in all respects.
38. Income tax and GST shall be withheld as per Government rules.
39. Payment shall be released after submission of the Sales Tax Invoice, duly verified by the technical department. The payment will be made in accordance with SRO 660(I) 2007.

#### **EVALUATION CRITERIA:**

- i. Initial scrutiny of tender documents/bids
- ii. Technical Evaluation as per BOQ
- iii. Evaluation of Demo / sample Unit(s) **if needed**
- iv. Selection of technically compliant bidder(s)
- v. Financial Evaluation of compliant bidders(s)
- vi. Award of tender to the Most advantageous bidder(s)

**Procurement Department  
Directorate of Finance  
Virtual University of Pakistan  
Sir Syed Memorial Society Building,  
19-Ataturk Avenue, G-5/1, Islamabad  
UAN: 051-111-880-880  
Technical Queries Ext 3683  
Financial Queries 3915, 1323, 1354  
VU NTN: 4388557-8  
Email: [po@vu.edu.pk](mailto:po@vu.edu.pk)**

**MANDATORY DOCUMENTS REQUIRED (MUST BE ATTACHED WITH TECHNICAL PROPOSAL ON TOP OF ALL DOCUMENTS):**

Sr. No.	Description	Attached (Yes / No)
1	Tender Fee Rs. 2,000/- in shape of paid Bank Deposit Slip / PO / DD / CDR	
2	Tender document duly filled, signed & stamped by the bidder	
3	Bid Security Rs. 500,000/- in shape of PO / DD / CDR or a Bank Guarantee	
4	Copy of NTN & GST Certificate	
5	Financial soundness certificate / Account Maintenance Certificate issued by Bidder's bank	
6	Validity of the bid for a period of three (3) months (Confirmation required)	
7	Affidavit on Rs.100 Stamp Paper that the bidder / firm / company is not blacklisted from Public Procurement Regulatory Authority (PPRA)	
8	Delivery of ordered items within given Days (Confirmation required on Letterhead)	

**Note:**

Your bid will be rejected if any of the above documents are not attached with the bid.

**Declaration by the Bidder**  
should be on Rs.100/- stamp paper

I, \_\_\_\_\_ being owner / proprietor / director / representative of this firm / company hereby certify that I have read all the terms & conditions of this office and are acceptable to me. All items will be of the best quality according to the standard specification. I will be bound to replace any items if found substandard, unsatisfactory or defective without any claim to Virtual University of Pakistan - DSTP. If I fail to do so, I understand that VU - DSTP has the right to confiscate the earnest money and blacklist our firm/company.

It is further stated that as of today, our Firm / Company is not blacklisted by Public Procurement Regulatory Authority (PPRA).

I hereby also confirm to provide comprehensive on-site warranty including service and support with parts for complete unit(s) from the date of delivery (where applicable).

SIGNATURE & STAMP

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

## **TECHNICAL PORTION**

**(Must be Placed in a Separate Sealed Envelope Marked as "TECHNICALPROPOSAL")**

**All Documentary Information must be Attached with the Technical Proposal.**

### **TECHNICAL TERMS AND CONDITIONS:**

- The bidder must be an authorized Dealer/Distributor/Re-seller of the quoted items from Sr # 1 to 7 listed in this tender document under "BOQ and Technical Specifications of Equipment". The bidder must submit a current/valid authorization certificate to participate in this tender. The certificate should be issued by the Manufacturer / Authorized Dealer of the quoted items. (\*)
- The brand offered should be established for a minimum of ten (10) years.
- The bidder should clearly mention the acceptance of a standard warranty period for each item as quoted in their technical specifications. (\*)
- The bidder must have minimum one service center in Pakistan to ensure timely repair/maintenance of the supplied items. The bidder should provide the address of the office(s) and service center in Pakistan. (\*)
- The bidder may be requested to arrange DEMO according to the specifications quoted in the bid. (If required by the university).
- The bidder will ensure the availability of spare parts and backup support for the warranty period to meet a repair turnaround time of thirty (30) working days at the most.
- The bidder will be responsible for providing a free onsite warranty including service & support with parts for the warranty period mentioned in the tender document from the date of complete order delivery.

### **MANDATORY DOCUMENTARY REQUIREMENT (TECHNICAL) (MUST BE ATTACHED WITH THE TECHNICAL PROPOSAL):**

#### **NOTE:**

- Your bid will be rejected if any of the above documents are not attached with the bid.
- Warranty certificate, on the supplier(s) letterhead shall be provided in original by the successful bidder(s)/supplier(s) upon delivery along with the invoice.

## TECHNICAL SPECIFICATIONS OF THE EQUIPMENT

### 1. Professional Camcorder

#### **General**

Recording Format (Video) MPEG-4 AVC/H.264, CBG, Max. 222 Mbps  
Recording Format (Audio) LPCM 24 bits, 48 kHz, 4 channels  
Recording Frame Rate 3840x2160/50p, 25p, 1920x1080/50i, 25P

#### **Lens**

Lens Mount Fixed  
Zoom Ratio 17x (optical), servo/manual  
Iris F1.9 - F16 and close auto/manual selectable  
Focus AF/MF/Full MF selectable  
Image Stabilizer On/Off selectable, shift lens

#### **Input/Output**

Genlock Input/Output BNC (x1)  
Timecode Input BNC (x1)  
Audio Input XLR-type 3-pin(x2), line/mic/mic +48 V selectable  
SDI Output BNC (x1), 12G/3G/HD/SD selectable  
HDMI Output Type A (x1)

#### **Camera Section**

Imager 1/2 type 3 CMOS sensor  
Effective Resolution 3840 (H) x 2160 (V)  
Optical System F1.6 prism system  
Built-in Optical Filters 1: Clear, 2: 1/4ND, 3: 1/16ND, 4: 1/64ND  
White Balance Preset (3200K), Memory A, Memory B/ATW  
Gain Selection -3, 0, 3, 6, 9, 12, 15, 18 dB, 42dB, AGC  
S/N Ratio 63 dB (Y)  
Horizontal Resolution 2,000 TV lines or more (3840 x 2160p mode)

#### **Monitoring**

Viewfinder 0.5 type  
LCD 3.5 type

#### **Media**

Type ExpressCard/34 slot (x2)  
Warranty One Year

### 2. Aluminum Tripod System with Mid-Level Spreader

Payload	15 ~ 16 Kg
Head Type	Fluid Head
Material	Aluminum
Counterbalance	Yes
Drag mode	Yes
Pan Lock	Yes
Tilt Lock	Yes
Camera Plate	Sliding
Tilt Angle	+85° / -65° ±20%
Plate attachment	3/8"
Section	2 Stage
Ball diameter	100 mm
Pan Handles	Dual
Warranty	Three Years

### **3. Video Production Switcher**

#### **Connections**

SDI Video Inputs	8
SDI Video Outputs	12
SDI Aux Outputs	10
SDI Program Outputs	1
SDI Rates	1.5G, 3G, 6G, 12G
Total Audio Inputs	2 x XLR balanced analog audio 2 x RCA stereo analog audio
Total Audio Outputs	4 x analog audio
SDI Audio Inputs	4 Ch embedded audio on all SDI inputs
SDI Audio Outputs	16 assignable channels
Reference Inputs	1 x BNC IN/OUT Tri-Sync or Black Burst
Format Converters	On all 8 inputs
Total Multi Views	1 x 12G-SDI, 1 x HDMI 2.0

#### **Standards**

HD Video Standards	720p50, 1080i50, 1080p25, 1080p50
Ultra HD Video Standards	2160p25, 2160p50
SDI Compliance	SMPTE 292M, SMPTE 296M, SMPTE 424M, SMPTE 425M level A and B, SMPTE 2081-1, SMPTE 2081-10, SMPTE 2082-1 and SMPTE 2082-10

Video Sampling / Color Precision	4:2:2 10-bit
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Color Space	REC 709, REC 2020
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SDI Auto Switching	Automatic detection
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#### **Product Specifics**

Upstream Keyers	4
Downstream Keyers	2
Chroma Keyers	4
Linear/Luma Keyer	7
Talkback Support	Built in
Transition Keyer	1 x Stinger and DVE
Total Number of Layers	8
Pattern Generators	7
Color Generators	2
DVE	2
Media Players	2
Media Pool Still Image Capacity	x20 with fill and key
Media Pool Still Image Format	PNG, TGA, BMP, GIF, JPEG and TIFF
Media Pool Clip Capacity	2

#### **Audio Mixer**

Power Requirement	220 VAC 50 Hz
Warranty	One Year

#### **4. SSD Memory Card for Camcorder**

Interface	ExpressCard/34, PCI Express Gen2
Read speed	440 MB/s
Write Speed	200 MB/s
Capacity	64 GB
Shock Resistance	1,500G
Vibration Proof	15G
Insertion/Removable Durability	30,000 times
Shock Absorption	150cm
Warranty	5 Years
(Compatible with offered camcorder)	

#### **5. SSD Memory Card Reader for Camcorder**

Read speeds	440 MB/s
Write speeds	350 MB/s
Interface	USB3.0
Power Supply	USB Bus Power
Compatible OS	Windows 10, 11
Warranty	One Year
(Compatible with offered SSD memory card for camcorder)	

#### **6. 4K Pro SSD Video Recorder**

##### **Connections**

SDI Video Inputs	1
SDI Video Outputs	2
SDI Monitor Outputs	1
SDI Rates	270Mb, 1.5G, 3G, 6G, 12G
HDMI 2.0 Video Inputs	1
HDMI 2.0 Video Outputs	x1
Built in Speaker	Mono
Audio Output	1
Timecode Connections	1 x XLR In/Out
Reference Connections	1 x BNC In/Out
Reference Input	Tri-Sync or Black Burst
SDI Audio In/Out	16 channels embedded audio
HDMI Audio In/Out	8 channels embedded audio
Ethernet	10Gb/s
Computer Interface	1 x USB Type-C 3.1 Gen 2

##### **Standards**

HD Video Standards	720p50, 1080i50, 1080p25, 1080p50
Ultra HD Video Standards	2160p25, 2160p50
Supported HDMI Formats	PAL 625i50, 720p50, 1080i50, 1080p25, 1080p50, Audio
Sampling	24-bit, 48 kHz
Video Sampling	4:2:2 YUV
Color Precision	10-bit
Multi Rate Auto detection	SD, HD, 6G-SDI and 12G-SDI

##### **Media**

Slots	2 x 2.5-inch disc, 2 x SD card, 1 x USB-C 3.1 Gen 2
Media Type	SATA-II/III 2.5-inch SSD, UHS-I and UHS-II SD

Power Requirement	220 VAC 50Hz
Warranty	One Year

## **7. Signal Converter Display Port to SDI**

### **Video Input Formats**

Computer Signals	WUXGA (1920 x 1200) 60 Hz max VGA (640 x 480) minimum (HD) 1920 x 1080i 50, 25, 50
Video Signals	1x DisplayPort 1.1a input connector

### **Video Input**

### **Video Output Formats**

Video Signal	(HD) 1920 x 1080p 25, 50, 1920 x 1080i 50, SMPTE 425-1 Level A
Video Output	1x DisplayPort pass through connector 1 x BNC 3G-SDI, SMPTE-259/292/424
Mapping structure	1 (4:2:2 10-bit YCbCr)
Color Range	Full, SMPTE
Reference Input	Tri-level sync
Audio Inputs	1x Analog 3.5mm TRS, 2-channel DisplayPort embedded audio, 24-bit, 8-channel
Audio Outputs	SDI embedded audio, 24-bit, 2-channel or 8-channel DisplayPort embedded audio, 24-bit, 8-channel
Power Supply	Included
Warranty	5 Years

## **8. System for NLE / Graphics**

<b>Motherboard</b>	ASUS Z890 Pro
<b>Processor</b>	Intel Core Ultra 9 Desktop Processor 285K 24 cores up to 5.7 GHz
<b>Graphics Card</b>	NVIDIA GeForce RTX 5080 (16GB GDDR7, Triple Fan, PCIe 5.0)
<b>RAM</b>	128GB (4x32GB) DDR5-6400MHz CL32 Corsair Dominator Platinum
<b>Boot SSD</b>	Samsung 990 PRO 2TB M.2 PCIe 4.0 NVMe
<b>Storage HDD</b>	WD Gold Enterprise Class 7200 RPM SATA 6TB
<b>PSU</b>	Corsair RM1000e 1000W 80+ Gold Fully Modular
<b>Cooler</b>	Corsair iCUE H150i ELITE LCD XT 360mm Liquid Cooler
<b>Case</b>	Lian Li O11 Dynamic EVO XL
<b>Keyboard</b>	Logitech Mechanical
<b>Mouse</b>	Standard Optical
Or Equivalent in specs for all above items	
<b>Warranty</b>	One Year

### **\*Disclaimer:**

**Bidders are required to clearly mention the brand and model for each quoted item wherever applicable. Failure to provide this information will result in the bid being disqualified from the evaluation process.**

## **FINANCIAL PORTION**

**(Must be placed in separate sealed envelope marked as “FINANCIAL PROPOSAL”)**

### **AS PER SPECIFICATIONS GIVEN IN TECHNICAL PORTION**

Sr. No.	Description as per specifications given above	Unit Price (Rs.)	GST (If applicable) Rs.	Total Unit Price (Rs.) with Taxes	Quantity	Total Amount (Rs.)
1	Professional camcorder				2	
2	Aluminum Tripod System with Mid-Level Spreader				2	
3	Video Production Switcher				1	
4	SSD Memory Crad for Camcorder				3	
5	SSD Memory Crad Reader for Camcorder				1	
6	4K Pro SSD Video Recorder				2	
7	Signal Converter Display Port to SDI				1	
8	System for NLE / Graphics				2	
	<b>Grand Total Amount (Rs.)</b>					

**Grand Total Amount in words (PKR):** \_\_\_\_\_

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**Rate of GST applied:** \_\_\_\_\_ %