

NATIONAL UNIVERSITY OF MODERN LANGUAGES
SECTOR H-9, ISLAMABAD

RE- TENDER NOTICE

Proposals as per PPRA (rule 36 B) are invited from well reputed and GST registered firms for Establishment of TV Studio at Main Campus, Islamabad as a Turnkey basis.

The tender documents, wherein terms & conditions and other details are given, can be obtained from office of the undersigned OR can be downloaded from NUML's website (www.numl.edu.pk) against payment of non-refundable fee of Rs. 2,500/- in shape of Bank Draft/Pay Order. Bank draft/Pay Order must be provided at the time of bid submission and bid will not be accepted without non-refundable fee. 2% earnest money of the project will be provided in the shape of separate Bank draft/CDR. The proposals (Technical & Financial in separate envelopes) must reach "**Administration Branch**" Jinnah Block in sealed envelope at 1100 hrs on 24th Jan 2023 which will be opened on the same day at 1130 hrs in presence of the available bidders.

The University reserves the right to reject all the bids or proposals at any time prior to the acceptance of a bid or proposal.

Director IT
Tele: 9265100
Ext: 2237

NUML/ICT/TV STUDIO/TD-01/Equipment/01-2023

Tender Document For Establishment of TV Studio at NUML

Date of Issuance: 9th January, 2023

Date of Submission: 24th January, 2023



Email: tnuml@numl.edu.pk

Web: www.numl.edu.pk

Tel. No.: 051-9265100-109 Ext. 2230, 2237

NATIONAL UNIVERSITY OF MODERN LANGUAGES

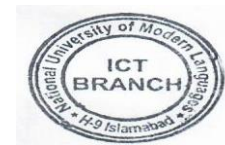
Sector H-9, Islamabad





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INVITATION TO BID

[For the Establishment of TV Studio at NUML]

NATIONAL UNIVERSITY OF MODERN LANGUAGES (NUML) is the leading linguistic public sector university is focused on reforming the Information & Communication Technology by deploying various ICT facilities. Information Communicational Technological Infrastructure have already been established in University.

2. Bidding documents, containing detailed terms and conditions, etc. are available *at office of Director-IT, Salam Block and on university website (www.numl.edu.pk)*. Price of the bidding documents is Rs. 2500/-

3. The bids, prepared in accordance with the instructions in the bidding documents, must reach *at office of the **Director Administration, Jinnah Block, on 24th January, 2023 at 1100Hrs.*** Bids will be opened the same day at 1130Hrs. This advertisement is also available on PPRA website at www.ppra.org.pk and NUML Website, www.numl.edu.pk.

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SectorH-9, Islamabad
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1.0 SCOPE OF WORK

Objective of this consolidated bidding document is to establish a TV Studio at NUML as a Turnkey Project.

2.0 GUIDELINES FOR THE PROJECT

Bidder's bid furnishes all requirements for a TV Studio alongwith the detail of the equipments to establish a TV Studio at NUML. The minimum specification with BOQ is given in the technical proposal of this tender document at **Annexure "A"**.

3.0 BIDS SUBMISSION REQUIREMENTS

The objective of bid submission requirement is to provide bidders with the information to submit their bid in response of this Tender in order/sequence as set forth in this document. Bidders must follow following requirements for their proposals/bids.

Bidders must conform the following standards in the preparation and submission of the bid.

- 3.1 **PPRA rule 36 (b) shall be adopted:
Single Stage Two Envelope bidding procedure: -**
- 3.2 PPRA rule 36 (b) least cost method shall be adopted i.e. technically qualified but financially lowest.
- 3.3 The Vendor is required to submit Technical Bid and Financial Bid in separate envelopes.
- 3.4 Bids will include the prices quoted for each equipment as at **Annexure –B** in Pak Rupees.
- 3.5 The quoted prices must include all taxes, customs and freight charges for delivery and installation of equipment at the required location as mentioned in **Annexure-A** at their own risk and cost.
- 3.6 The Bidder shall furnish earnest money equal to 2% of the total value of Bid in the form of Bank Draft/Pay Order issued by a scheduled bank of Pakistan in favour of "Rector, National University of Modern Languages", valid for at least **six month (06 month)**. No Bid shall be entertained without earnest money. Earnest money of the successful bidder will be released on completion of the project.
- 3.7 The Ten percent (**10%**) of total contract value shall be retained as a Security, which will be released after satisfactory completion of warranty period (i.e. one year)
- 3.8 Proposals sent to NUML by fax or email shall not be accepted.
- 3.9 Bidders should provide complete technical details with original printed brochure both for the equipment and services required under this Tender Document.
- 3.10 Bidders are required to submit their proposals conforming to the specifications and terms & conditions provided in this Tender Document.
- 3.11 Failure to abide by any instructions of this Tender Document may, at the NUML's sole discretion, result in rejection of the Bidder's Proposal and disqualification.
- 3.12 NUML has no obligation to locate or acknowledge any information in the Vendor's Proposal that is not presented under the appropriate outline according to these instructions and at the proper location.





- 3.13 Bidder's Proposal/Bid/Offer must be received, in writing, at National University of Modern Languages, Sector H-9 Islamabad in the office of **Director Administration, Jinnah Block, 1st Floor, Room # 38**, by the date and time specified herein. NUML will not be responsible for any delays in delivery or expenses for the development or delivery of proposals. Any Proposal/Bid/Offer received after Proposal/Bid/Offer submission date and time shall be rejected.
- 3.14 Bidder must provide electronic copy of the submitted bid along with all supporting documents after relevant bid opening if asked.
- 3.15 Bidder must fully respond to each requirement within the Technical specifications by fully describing the manner and degree by which the Bid meets or exceeds said requirement(s).
- 3.16 It is responsibility of the Bidder to clearly identify all costs associated with any item or series of items in this Tender Document. The Bidder must include and complete all parts of the cost Proposal in a clear and accurate manner. Omissions, errors, misrepresentations, or inadequate details in the Bidder's cost proposal will may be considered as valid ground for rejection of the Bidder's proposal. Costs that are not clearly identified will be borne by the Bidder. The Bidder must complete the respective "Cost Information Submission Form" **Annexure-B** in this Tender Document, which outlines the minimum requirements for providing cost information. The Bidder should supply supporting details as described in **Annexure B**, the Cost Information Submission Form.
- 3.17 Prices quoted in the bid shall be valid for **90 days**. After the contract, firm shall not have the right to change the price. All prices must be quoted in Pak Rupees, and must clearly state all applicable taxes which must be included in quoted price.
- 3.18 All the equipment will be supplied and installed by the firm within **60 days** from the date of supply order. In case of failure to deliver in the specific time period (i.e. 60 days), a penalty @ 0.10% of the contract amount will be imposed on daily basis for the total number of days delayed. However, the penalty should not exceed 10% of the contract amount.
- 3.19 Bidders are required to fill and sign page(s) of the **Annexure-A & Annexure-B** while following the format given. Financial Proposals not following the given format may lead to the rejection of bid. Soft copy can be provided if required.
- 3.20 The University reserves the right to increase or decrease the quantity of the equipment/items while placing the order.
- 3.21 By applying in this tender, the bidder acknowledges that the quoted items, its software or hardware modules, database, definitions or support are not provided, manufactured, grown, produced, shipped from, or otherwise originate from any of the following countries; **India or Israel**.
- 3.22 Pre-conditions set by the contractor/bidder in addition to the abovementioned terms & conditions will not be accepted, and will lead to the rejection of the bid.

4.0 SELECTION PROCEDURE

- 4.1 NUML's intent in issuing this Tender Document to award a contract to the lowest evaluated bid and best responsive Bidder who meets required standard of specifications and other factors including the mandatory requirements as indicated in the document.
- 4.2 The firm shall have to obtain 40 marks out of 80 to qualify for inclusion in the next stage for opening financial bids. Financial bids of the firms, obtaining less than 40 marks shall not be opened.



5.0 GENERAL TERMS AND CONDITIONS

The following General Terms and Conditions apply to this Tender Document

- 5.1 Last date of submission of Bids is **24th January, 2023** at **1100** hours and the proposals will be opened on the same day at **1130** hours.
- 5.2 Bidder provide the proposed Drawing & Design Architecture (High Level & Low Level diagrams) along with Asset Tagging.
- 5.3 The bidder should be registered with Sales Tax and Income Tax Department.
- 5.4 Bidders are required to submit the detailed Project Execution Plan / Work Breakdown Structure of the project in any software like MS Project etc.
- 5.5 The Bidder should provide a detailed Project Implementation Plan as part of the Technical Proposal. This will be the basis for ensuring that the Project Implementation is regulated under defined timelines.
- 5.6 All Equipment and Services of the Proposed Solution will be awarded to a single bidder / vendor on Turnkey basis who meets all mentioned Specifications in the technical proposal **Annexure "A"**
- 5.7 List of technical staff members associated with the firm must also be the part of technical proposal for instance:
 - 5.7.1 Broadcast Engineer
 - 5.7.2 Broadcast Technician
 - 5.7.3 Power Distribution TechnicianAnd any other relevant technical post pertaining to the project
- 5.8 The bidder must provide last **Two (02) years** experienced records / documents e.g. work orders/project completion certificate in the same field.
- 5.9 An affidavit to the effect that the firm is not blacklisted by any Government/Semi Government Organization (Specimen of Affidavit **Annexure-E**).
- 5.10 The Rector NUML reserves the right to accept/reject all bids.
- 5.11 On request by the bidders, NUML shall intimate the reasons of rejection of bids but will incur no liability on this account nor is required to justify the rejection of bids.
- 5.12 An effort by a Bidder to influence NUML, directly or indirectly **THROUGH UNFAIR MEANS** in NUML's proposal evaluation, proposal comparison or contract award decision, to meet or discuss with any NUML official unless desired by the NUML may result in rejection of the Bidder's Proposal and blacklisting for any future tender of NUML.
- 5.13 All responses to this Tender Document shall become the property of NUML.
- 5.14 NUML will not bear any expense incurred in preparation of the proposals in response to this Tender Document.
- 5.15 NUML will not allow any compensation to the Selected Bidder for any variations in the rate of exchange of rupee against dollar or any other currency. No additional claim arising out of change in legislation, exchange rate variation or any sort of taxes will be entertained.
- 5.16 Supply, Installation, configuration, testing and commissioning of all the mentioned equipment will be responsibility of the firm. Vendor must install all equipment and components and must ensure that the equipment is integrated/operational and function properly at all variables.
- 5.17 Bids are liable to be rejected if they are not conforming to the terms, conditions and specifications stipulated in this Tender document.
- 5.18 During the examination, evaluation and comparison of the bids, the NUML at its sole discretion may ask the bidder for clarifications of their bids.
- 5.19 The amount submitted as Earnest Money shall be refunded to the unsuccessful bidders after decision of the "Tender Committee" for the award of said tender.
- 5.20 If there is a discrepancy between unit price and total price in the submitted bid which is obtained by multiplying the unit price and quantity, the unit price shall prevail and total price



shall be corrected. If there is a discrepancy between the words and figures, the amount in words shall prevail. If there is a mistake in addition/ totaling, that shall be corrected.

- 5.21 The bid security is required to compensate NUML against the consequences of:
 - 5.21.1 Subsequent unauthorized variations and/or modifications of the terms of bid.
 - 5.21.2 If the bidder does not accept correction of his bid prices which is in the interest of Commission.
 - 5.21.3 Occurrence of any of such events as solely judged by NUML, will entitle NUML to forfeit the bid security.
- 5.22 Incomplete and conditional bids will not be entertained.
- 5.23 For this tender, all updates/changes shall be communicated through email.
- 5.24 In case of any dispute between the two parties of any matter arising out of after signing the contract agreement, the case shall be referred to Rector, NUML whose decision shall be final and binding on both parties.
- 5.25 NUML or its representative shall have the right to inspect and/or to test the equipment to confirm their conformity to the contract specifications. The Technical Specifications shall specify what inspections and tests NUML requires and where they are to be conducted. NUML shall notify the contractor, in writing, of the identity of any representatives entrusted for this purpose.
- 5.26 Only transactions, amendments, changes and/or variations in this Tender Document that are in writing from NUML and duly agreed upon by NUML shall be considered official. No negotiations, decisions, or actions executed by the Vendor as a result of any discussions with any NUML employee shall be considered official.
- 5.27 If the work is not executed according to the satisfaction of the NUML, the Rector NUML reserves the right to reject it altogether or impose a penalty not exceeding 10% of the total amount of contract.
- 5.28 If the work is not to the satisfaction of the NUML, the Rector NUML has the right to cancel the order, get work done by some other firm at the risk and cost of the vendor, subject to the condition that if the NUML has to pay any amount in excess of the agreed amount, the difference will be recovered from the vendor.
- 5.29 Refurbished and end of life / sale equipment shall not be acceptable.
- 5.30 The items delivered shall be according to the items mentioned in the Bid and no bidder shall be allowed to change brand name or quality of items without official approval of the Rector NUML.

6.0 HARDWARE AND SERVICE REQUIREMENTS

Following are the minimum hardware and service requirements which the Selected Bidder/vendor will be required to fulfil.

- 6.1 Delivery and Installation should be at Islamabad Campus at the risk and cost of successful bidder.
- 6.2 Vendor must install all equipment and components and must ensure that the proposed equipment is fully integrated/operational and function properly at all variables.
- 6.3 Vendor must provide adequate protection to install equipment against electrical surges.
- 6.4 Vendor must ensure that all systems are in first class working condition and free of short circuits, ground loops.
- 6.5 At time of installation, Vendor must provide owner's manuals, manufacturer's data sheets, and a complete equipment list.
- 6.6 Vendor shall provide on-call support (5 days a week) including assistance with operation and maintenance of the system at respective location all free of cost for a minimum period of one year from the date of the first successful start/functioning/operation of the equipment and subsequent issuance of site acceptance.





- 6.7 A site survey may be required at no cost to NUML to determine specific project efficacy at location. Any components needed during installation resulting from failure to perform a site survey must be provided at Vendor's expense.
- 6.8 Formal training on the equipment to NUML must be arranged for smooth operational of TV Studio.

7.0 WARRANTY

Following Warranty clauses are applicable to the equipment under this tender

- 7.1 The successful Bidders shall warrant the equipment with no end of life guarantee, its components to be free from any sort of defects in material and workmanship for a minimum period of 1 year from date of complete installation, testing and commissioning shall repair or replace on a timely basis any defective component, assembly or portion free of cost. Technical support should be available on call basis.
- 7.2 The Successful Bidder will warrant that the equipment supplied under the Work Order/Purchase Order are new, un-used, and incorporate all recent improvements in design and materials and which should be of good quality as per acceptable standards. Quoted equipment should meet all design, quality and other technical requirements listed in this document or explicitly mentioned somewhere else in other such projects..

8.0 MEET OR EXCEED SPECIFICATIONS

For this project, the specifications provided in this Tender Document are the minimum requirements of NUML. Bidders must meet or exceed these specifications to meet the actual requirements of this Project and its successful practical implementation.

9.0 CLARIFICATION AND AMENDMENT IN TENDER DOCUMENT

A bidder requiring any clarification of the Tender Document may so notify to contacts given bellow in writing or via email. NUML may respond in writing through email, letter or web notification to any request for clarification of the Tender Document, which are received at least seven (07) days prior to the date of Bid submission.

Mr. Babar Iqbal

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10.0 Annexure-A Technical Proposal shall be part of Technical Proposal (data should be provided in softcopy along with page reference number of supporting documents/ manuals and also see the technical evaluation criteria- Annex “D” Serial # 4)

S #	Lot	Items	Ref Page # of Documentary Proof	Qty	Specification Quoted by Vendor	Comments
1.	a.	i. Studio Camera 4K Pro Micro Four Thirds Lens Mount Capture up to UHD 4K 3840 x 2160p60 7" High-Brightness HDR Touchscreen LCD Record to External USB Type-C Disks Records Blackmagic RAW, Up to 25,600 ISO 12G-SDI, HDMI & 10G Ethernet Video I/O XLR & 3.5mm Audio Input, Built-In Mics Built-In DaVinci Resolve Color Corrector Large Tally Light, 5-Pin Headset Plug Light Carbon Fiber Polycarbonate Body		03		
		ii. Lumix G X Vario 45-150mm f/4-5.6 ASPH. MEGA O.I.S. Lens Micro Four Thirds System, 90-350mm, Aperture Range: f/4 to f/22 One Ultra-High Refractive Index Element Two Aspherical Elements Multi-Coated Lens Elements Stepping AF Motor MEGA Optical Image Stabilizer Rounded 7-Blade Diaphragm Or equivalent		02		
		iii. Olympus 12 to 50mm f/3.5 to 6.3 Minimum Aperture f/22 Lens Mount Micro Four Thirds Lens Format Coverage Micro Four Thirds		01		
		iv. Focus Demand with USB Cable For Studio 4K Pro Dual USB Connections Or equivalent		03		
		v. Zoom Demand with USB Cable for Studio 4K Pro Dual USB Connections Speed Selector Start/Stop Record Button Or equivalent		03		
		vi. Blackmagic Distributor		01		



	vii. Headset 5pin XLR For Blackmagic Studio Camera		03		
	viii. Matte Box with Rod. Or equivalent		02		
	ix. 19-inch Teleprompter with preview Monitor Cat6 RJ45 interface with Operating system		01		
	x. Libec LX5 Tripod with Two pan bar or Equivalent		03		
	xi. Libec Dolly Or equivalent		03		
	xii. Camera Dust Cover		03		
	xiii. Aximmetry Broadcast DE & SE virtual studio 3D software or Equivalent		01		
	xiv. Core i7 12 th Gen Built in Motherboard 2.5 Gigabit 750w power 24GB Ram, Samsung 980 pro SSD M2 24 inch LED Keyboard & Mouse Rackmount Case		02		
	xv. Graphic Card Nvidia 8GB DDR6 256bit Or equivalent		02		
	xvi. Bluefish444 Epoch 4K Supernova S+		02		
	xvii. Vmix Hardware control switcher panel Streamlined structure that integrates guide switching, resource recording, webcasting, mixer, pan-tilt control, and special effects transitions. Support can choose PGM/PVW 4 groups of 12 downstream key settings. Support 12-channel PGM and PVW switch preview. Support matching Tianying 4K Fusion Media Virtual Studio System to realize the push-pull pan and rocker effect of virtual machine position. Support 4-channel wired/wireless PTZ camera preset position, camera pan and iris zoom. Support one key FTB key black output. Support 8 Tally outputs. Provide 15PIN pan/tilt PTZ control interface.		01		
	xviii. Core i5 11 th Gen 8Gb Ram 250 M2 & 1Tb HDD 22 inch LED		01		



xix.	Sennheiser hand wired microphone E-835, Or equivalent	01		
xx.	LEDs (55-inch) Samsung/LG/Sony/TCL/Ecostar Original with wall mount bracket, HDMI cable (10 metres) and installation at the site with the power installation where required. OR equivalent	03		
xxi.	LEDs (32-inch) Samsung/LG/Sony/Hair/Ecostar/Tcl Original with wall mount bracket, HDMI cable (10 metres) and installation at the site with the power installation where required. OR equivalent	04		
xxii.	DP to HDMI Converter	02		
xxiii.	8-Port Gigabit Network Switch	01		
xxiv.	Canare L 5 CFW cable 200m or Equivalent	01		
xxv.	4K iMac core i5 21.5" with 1TB Fusion Drive Or equivalent	02		
xxvi.	12-Channel Digital Mixer & Multitrack Recorder Built-In 14-Track SD Recorder USB Audio Interface (iOS Compatible) 8 Mono Inputs + 2 Stereo Inputs Channels 1-2 Offer Hi-Z Inputs Phantom Power and -26 dB Pad Eight Channels of Compression Channel Strip with 3-Band EQ Low-Cut Filter and 16 Digital Effects 5 Headphone Outputs with Individual Mix Or equivalent	01		
xxvii.	Camera-Mount Wireless Combo Microphone System ME 2-II Omnidirectional Lav Mic Rugged Bodypack Transmitter Plug-On Transmitter for Handheld Mic Diversity Camera-Mount Receiver, 1680 Auto-Scan Frequencies Advanced Controls for Flexible Use Daylight-Readable Display 8-Hour AA Batteries Up to 12 Mics on Set / 330' Range Or equivalent	03		
xxviii.	3x HDMI Cable - 5 Meters	05		
xxix.	3-Pin XLR Connector Neutrik (M-F) Pair Or equivalent	30		



xxx.	Panel mount XLR Female Neutrik		10		
xxxi.	Twisted Pair Microphone Cable Braided Copper Shield Flexible in Extreme Cold Weather Reduced Handling Noise Reject EMI and RFI 100m		03		
xxxii.	Canare BNC Connector for L5 or equivalent		30		
xxxiii.	Canare Boots for L5 Connector Or equivalent		30		
xxxiv.	Canare BNC Panel Mount 75 ohm BNC Receptacles		16		
xxxv.	Studio Lights 220W (Quad - 5x55W) with Tubes, Or equivalent		05		
xxxvi.	YLFC-200 Zoom Professional Studio Light DMX Control		10		
xxxvii.	12 feet Light Extender Rod C-Clamps, Spigots & Safety Chains		15		
xxxviii.	DMX Controller		01		
xxxix.	Dell 720 XD 48TB External Desktop Hard Drive 12 Core 32 GB Ram Includes WD Backup Software, Acronis True Image WD Edition Software Windows & Mac Compatible Or equivalent		01		
xl.	Audio Monitor M Audio BX5 D2 Or equivalent		02		
xli.	IFB Cordless		02		
xlii.	Aximmetry first 3D Set Design,Website designing ,Website hosting,Streaming Server		01		
xliii.	Installation Material (ducts, breakers, joints, sockets, flexible pipes, PDU, power cables,HDMI cables,VGA cables,USB cables, including 3 studio panels each panel 4 SDI 5 XLR option, 1 panel in PCR 12SDI 15XLR etc)		1 Job		
xliv.	DMX Installation Material for DMX Light				
xlv.	Complete Installation Charges		1 Job		





**11.0 Annexure-B Financial Proposal shall be part of Financial Proposal
(Price of each items should be provided)**

S #	Lot	Items	Qty	Unit Price Pak Rs (Inclusive of Taxes)	Total Cost Pak Rs (Inclusive of Taxes)
1.	a.	i. Studio Camera 4K Pro Micro Four Thirds Lens Mount Capture up to UHD 4K 3840 x 2160p60 7" High-Brightness HDR Touchscreen LCD Record to External USB Type-C Disks Records Blackmagic RAW, Up to 25,600 ISO 12G-SDI, HDMI & 10G Ethernet Video I/O XLR & 3.5mm Audio Input, Built-In Mics Built-In DaVinci Resolve Color Corrector Large Tally Light, 5-Pin Headset Plug Light Carbon Fiber Polycarbonate Body	03		
		ii. Lumix G X Vario 45-150mm f/4-5.6 ASPH. MEGA O.I.S. Lens Micro Four Thirds System, 90-350mm, Aperture Range: f/4 to f/22 One Ultra-High Refractive Index Element Two Aspherical Elements Multi-Coated Lens Elements Stepping AF Motor MEGA Optical Image Stabilizer Rounded 7-Blade Diaphragm Or equivalent	02		
		iii. Olympus 12 to 50mm f/3.5 to 6.3 Minimum Aperture f/22 Lens Mount Micro Four Thirds Lens Format Coverage Micro Four Thirds	01		
		iv. Focus Demand with USB Cable For Studio 4K Pro Dual USB Connections Or equivalent	03		
		v. Zoom Demand with USB Cable for Studio 4K Pro Dual USB Connections Speed Selector Start/Stop Record Button Or equivalent	03		
		vi. Blackmagic Distributor	01		
		vii. Headset 5pin XLR For Blackmagic Studio Camera	03		
		viii. Matte Box with Rod. Or equivalent	02		



ix.	19-inch Teleprompter with preview Monitor Cat6 RJ45 interface with Operating system	01		
x.	Libec LX5 Tripod with Two pan bar or Equivalent	03		
xi.	Libec Dolly Or equivalent	03		
xii.	Camera Dust Cover	03		
xiii.	Aximmetry Broadcast DE & SE virtual studio 3D software or Equivalent	01		
xiv.	Core i7 12 th Gen Built in Motherboard 2.5 Gigabit 750w power 24GB Ram, Samsung 980 pro SSD M2 24 inch LED Keyboard & Mouse Rackmount Case	02		
xv.	Graphic Card Nvidia 8GB DDR6 256bit Or equivalent	02		
xvi.	Bluefish444 Epoch 4K Supernova S+	02		
xvii.	<p>Vmix Hardware control switcher panel Streamlined structure that integrates guide switching, resource recording, webcasting, mixer, pan-tilt control, and special effects transitions. Support can choose PGM/PVW 4 groups of 12 downstream key settings. Support 12-channel PGM and PVW switch preview. Support matching Tianying 4K Fusion Media Virtual Studio System to realize the push-pull pan and rocker effect of virtual machine position. Support 4-channel wired/wireless PTZ camera preset position, camera pan and iris zoom. Support one key FTB key black output. Support 8 Tally outputs. Provide 15PIN pan/tilt PTZ control interface.</p>	01		
xviii.	Core i5 11 th Gen 8Gb Ram 250 M2 & 1Tb HDD 22 inch LED	01		
xix.	Sennheiser hand wired microphone E-835, Or equivalent	01		
xx.	LEDs (55-inch) Samsung/LG/Sony/TCL/EchoStar Original with wall mount bracket, HDMI cable (10 meters) and installation at the site	03		



	with the power installation where required. OR equivalent			
	xxi. LEDs (32-inch) Samsung/LG/Sony/Hair/Ecostar/Tcl Original with wall mount bracket, HDMI cable (10 metres) and installation at the site with the power installation where required. OR equivalent	04		
	xxii. DP to HDMI Converter	02		
	xxiii. 8-Port Gigabit Network Switch	01		
	xxiv. Canare L 5 CFW cable 200m or Equivalent	01		
	xxv. 4K iMac core i5 21.5" with 1TB Fusion Drive Or equivalent	02		
	xxvi. 12-Channel Digital Mixer & Multitrack Recorder Built-In 14-Track SD Recorder USB Audio Interface (iOS Compatible) 8 Mono Inputs + 2 Stereo Inputs Channels 1-2 Offer Hi-Z Inputs Phantom Power and -26 dB Pad Eight Channels of Compression Channel Strip with 3-Band EQ Low-Cut Filter and 16 Digital Effects 5 Headphone Outputs with Individual Mix Or equivalent	01		
	xxvii. Camera-Mount Wireless Combo Microphone System ME 2-II Omnidirectional Lav Mic Rugged Bodypack Transmitter Plug-On Transmitter for Handheld Mic Diversity Camera-Mount Receiver, 1680 Auto-Scan Frequencies Advanced Controls for Flexible Use Daylight-Readable Display 8-Hour AA Batteries Up to 12 Mics on Set / 330' Range Or equivalent	03		
	xxviii. 3x HDMI Cable - 5 Meters	05		
	xxix. 3-Pin XLR Connector Neutrik (M-F) Pair Or equivalent	30		
	xxx. Panel mount XLR Female Neutrik	10		
	xxxi. Twisted Pair Microphone Cable Braided Copper Shield Flexible in Extreme Cold Weather Reduced Handling Noise Reject EMI and RFI 100m	03		



	xxxii. Canare BNC Connector for L5 or equivalent	30		
	xxxiii. Canare Boots for L5 Connector Or equivalent	30		
	xxxiv. Canare BNC Panel Mount 75 ohm BNC Receptacles	16		
	xxxv. Studio Lights 220W (Quad - 5x55W) with Tubes, Or equivalent	05		
	xxxvi. YLFC-200 Zoom Professional Studio Light DMX Control	10		
	xxxvii. 12 feet Light Extender Rod C-Clamps, Spigots & Safety Chains	15		
	xxxviii. DMX Controller	01		
	xxxix. Dell 720 XD 48TB External Desktop Hard Drive 12 Core 32 GB Ram Includes WD Backup Software, Acronis True Image WD Edition Software Windows & Mac Compatible Or equivalent	01		
	xl. Audio Monitor M Audio BX5 D2 Or equivalent	02		
	xli. IFB Cordless	02		
	xlii. Aximmetry first 3D Set Design, Website designing ,Website hosting, Streaming Server	01		
	xliii. Installation Material (ducts, breakers, joints, sockets, flexible pipes, PDU, power cables, HDMI cables, VGA cables, USB cables, including 3 studio panels each panel 4 SDI 5 XLR option, 1 panel in PCR 12SDI 15XLR etc)	1 Job		
	xliv. DMX Installation Material for DMX Light			
	xlv. Complete Installation Charges	1 Job		

Grand Total (For complete project): Rs.

Grand Total (For complete project): In words.





12.0 Annexure - C: Firm's References

(To be attach with Technical Proposal)

**Relevant Services Carried Out in the Last Two Years (Minimum)
That Best Illustrate Qualifications**

List of Project with copy of completion certificate.



13.0 Annexure - D: Technical Evaluation Criteria

Weight of the Technical Scoring is 100% and Breakup is given below.

Technical Evaluation			Maximum 80 Marks
S. #	Technical Evaluation	Total Marks	Marks Obtained
1.	Firms past 02 years experienced in the relevant field.	20	Must attach Documentary proof 05 Years and above = 20 Marks 04 Years = 15 Marks 03 Years = 10 Marks 02 Years = 05 Marks Less than 2 years = 0 Marks (Zero marks means technically disqualified)
2.	State of Technical Human Resource	10	Two or more Broadcast Engineer = 4 Marks One Broadcast Engineer = 2 Marks Two or more Broadcast Technician = 4 Marks One Broadcast Engineer = 2 Marks Power Distribution Technician = 2 Marks
3.	Vendor's presence for Technical Support Services	20	Must attach Documentary proof Head office in Islamabad/ Rawalpindi = 20 Branch Office in Islamabad/ Rawalpindi with technical team plus Head office in Pakistan = 10
4.	Filled Technical Sheet Attached (Annex-A) with reference Page Number	10	Fulfill the requirement
5.	Project completed in last one year amounting Rs; 2.5 Million	20	Projects: 5 and above = 20 Marks 4 = 16 Marks 3 = 12 Marks 2 = 08 Marks 1 = 04 Marks
Total		80	
* However, supporting documents should be provided along with Technical proposal			





14.0 Annexure - E: Specimen for Affidavit

(To be attach with Technical Proposal)

From:

To,

NATIONAL UNIVERSITY OF MODERN LANGUAGES H-9, Islamabad

Subject: Affidavit

1. We, M/s _____ having our office at _____

hereby undertake that as a result of contract between us and NATIONAL UNIVERSITY OF MODERN LANGUAGES for the Supply, Installation, Testing and Commissioning of **Establishment of TV Studio at NUML and its operational** if any conflict / dispute arises regarding the execution of work, we shall not resort to any court of law. The dispute / difference, if any, shall be settled as per relevant clauses of the tender document issued by NATIONAL UNIVERSITY OF MODERN LANGUAGES vide No. _____ dated _____ 2023.

2. We, M/s _____ is not black listed by any Government/Semi Government Organization in Pakistan.

Authorized Signature

M/S _____

Dated _____





15.0 Annexure - F: Proposal Submission Form

PROPOSAL SUBMISSION FORM

(To be attach with Technical Proposal)

The Director IT
National University of Modern Languages,
H-9, Islamabad

Sir

We, the undersigned, offer to provide the services For “Supply, Installation, Testing and Commissioning of **Establishment of TV Studio at NUML and its operational**” in accordance with your Tender Document Dated _____, and our Proposal. We are hereby submitting our Proposal, which includes this Technical proposal, and a financial proposal sealed under separate envelopes.

We understand you are not bound to accept any Proposal you receive and reserves the right to accept or reject any offer and to annul the bidding process and reject all proposals without assigning any reason or having to owe any explanation whatsoever.

The decision of evaluating committee shall be final and cannot be challenged on any ground at any forum and the evaluating committee will not be liable for any loss or damage to any party acting in reliance thereon.

We remain,

Yours' sincerely

Authorized Signature:

Name and Title of Signatory:

Name of Firm:

Address:

