

NATIONAL UNIVERSITY OF MODERN LANGUAGES
SECTOR H-9, ISLAMABAD

TENDER NOTICE

CORRIGENDUM

Refer to the tender notice, for invitation of proposal/bids for up-gradation of existing FM Radio at Main Campus, Islamabad, published in "The dailies Jang (Rawalpindi) & Dawn (Islamabad)" on 24th Sep 2022 and PPRA vide TS491202E on 27th Sep 2022. It hereby informed that the last date of submission/opening of tender has been extended from **15th Oct 2022 to 17th Oct 2022**. The bid will be opened on the same day at 1030 hrs

- All other Terms & Conditions will remain be the same.

Director IT
Tele: 9265100
Ext: 2234

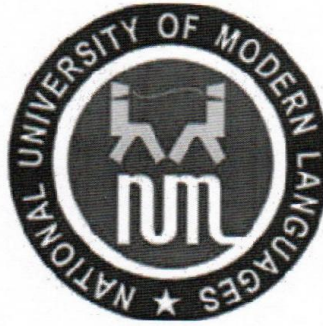
NUML/ICT/FM/TD-01/Equipment/09-2022

**Tender Document
For
Up-Gradation of FM Radio Equipment (NUML)**

Date of Issuance: 26th September, 2022

Date of Submission For: 15th October, 2022

Read: 17th Oct, 2022



Email: radionuml@numl.edu.pk

Web: www.numl.edu.pk

Tel. No.: 051-9265100-109 Ext. 2230, 2233-34

NATIONAL UNIVERSITY OF MODERN LANGUAGES

Sector H-9, Islamabad





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INVITATION TO BID
[For FM Radio Upgradation]

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*. 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 17th October, 2022 at 1000Hrs*. Bids will be opened the same day at 1030Hrs. This advertisement is also available on PPRA website at www.ppra.org.pk and NUML Website, www.numl.edu.pk.

Mohammad Raza Parwez
Director IT, NUML
SectorH-9, Islamabad
Ph: +92 (51) 9265087
Email: dir-it@numl.edu.pk





1.0 SCOPE OF WORK

Objective of this consolidated bidding document is to procure/install the FM Radio equipment as a turnkey project.

2.0 GUIDELINES FOR THE PROJECT

Bidders bid for the following items :-

2.1 FM Radio of NUML is installed with its Transmitter and Studio Room in separate blocks/buildings. The detail specification with BOQ is given below in this document.

- i. FM Stereo Transmitter (500 Watt)
- ii. Audio Mixing Console (Broadcast)
- iii. Delay Machine for live broadcast
- iv. Portable voice recorder
- v. Pair of Studio Monitors (Speakers)
- vi. Headphones
- vii. Microphones:
- viii. Hybrid Telephones
- ix. Collar Microphones
- x. Boom/ Shotgun Microphones

2.2 UPS (3.0 KVA)

UPS 3.0 KVA are required for Power Backup of FM Radio equipment, the details is given in BoQ.

2.3 Editing Machine & Software

- i. Editing Machine (Computer)
- ii. Editing Software

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 requirement for their proposals/bids.

Bidders must confirm 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 qualify 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)** and enclosed in a separate envelope alongwith the respective Lot of financial proposal. 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 Bidder may can apply for more than one lot, but in that scenario, separate earnest money for each lot be submitted which must be enclosed in the Financial Proposal.
 - 3.21 The University reserves the right to increase or decrease the quantity of the equipment/items while placing the order.
 - 3.22 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.**
 - 3.23 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 35 marks out of 70 to qualify for inclusion in the next stage for opening financial bids. Financial bids of the firms, obtaining less than 35 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 **October 17th, 2022** at **1000** hours and the proposals will be opened on the same day at **1030** hours.
 - 5.2 The bidder should be registered with Sales Tax and Income Tax Department.
 - 5.3 The bidder must provide last Five (05) years experienced records / documents e.g. work orders/project completion certificate in the same field.
 - 5.4 An affidavit to the effect that the firm is not blacklisted by any Government/Semi Government Organization (Specimen of Affidavit **Annexure-E**).
 - 5.5 The Rector NUML reserves the right to accept/reject all bids.
 - 5.6 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.
 - 5.7 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.
 - 5.8 All responses to this Tender Document shall become the property of NUML.
 - 5.9 NUML will not bear any expense incurred in preparation of the proposals in response to this Tender Document.
 - 5.10 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.
 - 5.11 The Bidders must Bid for an integrated against an Lot/item. Price comparison shall be item wise.



- 5.12 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.
- 5.13 Bids are liable to be rejected if they are not conforming to the terms, conditions and specifications stipulated in this Tender document.
- 5.14 During the examination, evaluation and comparison of the bids, the NUML at its sole discretion may ask the bidder for clarifications of their bids.
- 5.15 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.
- 5.16 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.
- 5.17 The bid security is required to compensate NUML against the consequences of:
 - 5.17.1 Subsequent unauthorized variations and/or modifications of the terms of bid.
 - 5.17.2 If the bidder does not accept correction of his bid prices which is in the interest of Commission.
 - 5.17.3 Occurrence of any of such events as solely judged by NUML, will entitle NUML to forfeit the bid security.
- 5.18 Incomplete and conditional bids will not be entertained.
- 5.19 For this tender, all updates/changes shall be communicated through email.
- 5.20 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.
- 5.21 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.
- 5.22 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.
- 5.23 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.
- 5.24 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.
- 5.25 Refurbished and end of life / sale equipment shall not be acceptable.
- 5.26 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.

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 all Lots 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 below 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. Shahbaz Akhtar

FM Radio

Sector H – 9, Islamabad

Ph: +92 0321-5080322

+92 51 9265100-109 Ext: 2233-34

Email: radionuml@numl.edu.pk

**HoD Media & Communication
Studies**

Sector H – 9, Islamabad

Ph: +92 51 9265100-109

Email: hod-mcs@numl.edu.pk





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 "A" Serial # 3)

S.#	Lot	Item	Specification	Ref Page # of Documentary Proof	Qty	Specification Quoted by the Bidder	Comments
1.	i.	a.	FM Stereo Transmitter (500 Watt) RF frequency range 87.5MHz ~ 108MHz Ultra compact and ultra-light Automatic level control and fold back protection Predisposition for telemetry Overall efficiency at least 76% Low environmental impact and high energy saving temperature range -20°c~ +45°c Forced air cooling with built in Exciter Complete with splitter and interacting cables, ready to use. (FM Dipole Antenna) 4 dipole FM antenna Vertical Polarized and almost Omni Directional 2dB gain per dipole Co-axial cable and Connectors ½" Co-axial cable(70M) with 2 connectors Or equivalent		01		
		b.	Audio Mixing Console (Broadcast) 16 -20 channels 16 line inputs and USB audio interface 10 Microphone inputs, 4 AUX sends 48 V Phantom Power, HPH per channel 1-knob Compressors and SPX Digital Effect with Audio Cables and Connectors TRS/TS (audio) 1/4" TRS stereo cable. XLR (audio, digital audio) Male		02		

Program Producer
M. H. 8/19/22

Incharge Radio and TV
ASD
21/9/22



	and female XLR cables. RCA (audio) RCA left and right channel audio cables. USB (audio, data, connectivity) Or equivalent			
c.	Delay Machine for live broadcast: Up to 80 seconds of delay protection. Bypass function to operate without a delay or any fill control. Manual control through the Delete function. 24-bit analog XLR I/O. Call Interrupt Input Levels. Or equivalent		01	
d.	Portable voice recorder: 4GB internal memory extendable to 32GB with Micro SD, S-Microphone system Focus and wide stereo recording, Auto voice recording reduces background noise Built-in USB connector Or equivalent		01	
e.	Pair of Studio Monitors (Speakers) Speaker Pair: One Active & One Passive Class-AB Amplifiers: 2 x 10W (RMS) Frequency Response: 50 Hz to 20 kHz, Bass Boost: +5 dB at 150 Hz Headphone Output: Stereo 1/8" Subwoofer Output: Stereo 1/8" Includes Speaker Cable Or equivalent		02	
f.	Headphones: Noise Cancelling with a removable audio cable 90 degree swivel ear cup Or equivalent		08	
g.	Microphones: XLR condenser microphone Cardoid, Max SPL 138dB Low-frequency roll-off switch internal pop filter with a shock mount Or equivalent		08	
h.	Hybrid Telephones: connects up to 2 standard telephone lines Digital: AES/EBU transformer balanced		02	

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Shahar 21/9/22

Incharge Radio and TV
Bo Javed
21/9/22



		Internal adjustment of audio gain digital echo canceller Or equivalent			
	i.	Collar Microphones: miniature omnidirectional Lavalier standard XLR male 48v Phantom or AA batteries includes wind screen and holder clip Or equivalent		02	
	j.	Boom/ Shotgun Microphones: Frequency response 20 HZ- 20KHZ Effective frequency range Distortion THD<1% Or equivalent		02	
2.	ii.	a. Editing Machine (Computer) Computer (HP/Dell/Lenovo) Tower Casing Intel Core – i7, 11 th Generation, (16 MB cache, 8 cores, 16 threads, 2.50 to 4.90 GHz Turbo, 65W) 16GB RAM – 2x 8GB DDR4 (2666 Mhz or higher) upto 32GB supported, HDD SATA= 1x 1TB SSD HARD DRIVE: 512 GB, M.2, Gen3 PCIe x4 NVMe, SSD, Class 40 Built-in 1 Gbps LAN Card. Optical Drive DVD+/-RW 9.5mm ODD: Yes Intel Integrated Graphics With Windows 11 or 10 Pro, External Sound Card: 5.1 PCIe channel output, 106db SNR and high –end 600-ohm HDMI Port(s): Yes HDMI Cables for Connecting Desktop with LED Operating System: DOS LEDs: LED Display: (24") HDMI Port(s): Yes Keyboard, Mouse of same brand with standard accessories. Or equivalent		01	
		b. Editing Software: SOUND FORGE Pro 16 Complete suite with updates Supports DSD audio Files for import and export		01	

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		Record up to 32 channels Or equivalent			
3.	iii.	a. UPS 3 KVA True online (Deutsche / Green Power/AMBTronic) Principal of working = True on-line, Double conversion Single phase Input Voltage range for operations = 180 – 260 Volts Input frequency = Generator-compatible with wide input frequency range (40 to 70 Hz) Output Power capacity = 3 KVA Output Power factor = 0.8/0.9 Output Voltage = 220 – 240 volts Output Frequency = 50/60 Hz +/- 3 Hz synchronizes with the input frequency. Output Wave type = Pure Sine wave Output Backup: Standard Backup time = Minimum 15 - 20 min on 70% load. Built-in batteries and Surge Protection Input breaker (if not available in UPS vendor should provide and install separately) or equivalent	02		

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

S.#	Lot	Item	Specification	Qty	Unit Price Pak Rs	Total Cost Pak Rs (Inclusive of Taxes)
1.	i.	a.	FM Stereo Transmitter (500 Watt) RF frequency range 87.5MHz ~ 108MHz Ultra compact and ultra-light Automatic level control and fold back protection Predisposition for telemetry Overall efficiency at least 76% Low environmental impact and high energy saving temperature range -20°C~ +45°C Forced air cooling with built in Exciter Complete with splitter and interacting cables, ready to use. (FM Dipole Antenna) 4 dipole FM antenna Vertical Polarized and almost Omni Directional 2dB gain per dipole Co-axial cable and Connectors 1/2" Co-axial cable(70M) with 2 connectors Or equivalent	01		
		b.	Audio Mixing Console (Broadcast) 16 -20 channels 16 line inputs and USB audio interface 10 Microphone inputs, 4 AUX sends 48 V Phantom Power, HPH per channel 1-knob Compressors and SPX Digital Effect with Audio Cables and Connectors TRS/TS (audio) 1/4" TRS stereo cable. XLR (audio, digital audio) Male and female XLR cables. RCA (audio) RCA left and right channel audio cables. USB (audio, data, connectivity)	02		

Pragati Products
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Basit Javed
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	Or equivalent		
	c. Delay Machine for live broadcast: Up to 80 seconds of delay protection. Bypass function to operate without a delay or any fill control. Manual control through the Delete function. 24-bit analog XLR I/O. Call Interrupt Input Levels. Or equivalent	01	
	d. Portable voice recorder: 4GB internal memory extendable to 32GB with Micro SD, S-Microphone system Focus and wide stereo recording, Auto voice recording reduces background noise Built-in USB connector Or equivalent	01	
	e. Pair of Studio Monitors (Speakers) Speaker Pair: One Active & One Passive Class-AB Amplifiers: 2 x 10W (RMS) Frequency Response: 50 Hz to 20 kHz, Bass Boost: +5 dB at 150 Hz Headphone Output: Stereo 1/8" Subwoofer Output: Stereo 1/8" Includes Speaker Cable Or equivalent	02	
	f. Headphones: Noise Cancelling with a removable audio cable 90 degree swivel ear cup Or equivalent	08	
	g. Microphones: XLR condenser microphone Cardoid, Max SPL 138dB Low-frequency roll-off switch internal pop filter with a shock mount Or equivalent	08	
	h. Hybrid Telephones: connects up to 2 standard telephone lines Digital: AES/EBU transformer balanced Internal adjustment of audio gain digital echo canceller Or equivalent	02	

Pragna Prasad
Shankar 2/9/22

Incharge Radio and TV
(Bas Jata) 2/9/22



		i. Collar Microphones: miniature omnidirectional Lavalier standard XLR male 48v Phantom or AA batteries includes wind screen and holder clip Or equivalent	02		
		j. Boom/ Shotgun Microphones: Frequency response 20 HZ- 20KHZ Effective frequency range Distortion THD<1% Or equivalent	02		
2.	ii.	a. Editing Machine (Computer) Desktop Computer (HP/Dell/Lenovo) Tower Casing Intel Core – i7, 11 th Generation, (16 MB cache, 8 cores, 16 threads, 2.50 to 4.90 GHz Turbo, 65W) 16GB RAM – 2x 8GB DDR4 (2666 Mhz or higher) upto 32GB supported, HDD SATA= 1x 1TB SSD HARD DRIVE: 512 GB, M.2, Gen3 PCIe x4 NVMe, SSD, Class 40 Built-in 1 Gbps LAN Card. Optical Drive DVD+/-RW 9.5mm ODD: Yes Intel Integrated Graphics With Windows 11 or 10 Pro, External Sound Card: 5.1 PCIe channel output, 106db SNR and high –end 600-ohm HDMI Port(s): Yes HDMI Cables for Connecting Desktop with LED Operating System: DOS LEDs: LED Display: (24") HDMI Port(s): Yes Keyboard, Mouse of same brand with standard accessories. Or equivalent	01		
		b. Editing Software: SOUND FORGE Pro 16 Complete suite with updates Supports DSD audio Files for import and export Record up to 32 channels Or equivalent	01		

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21/9/22

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Bo Jaiside
21/9/22



3.	iii.	<p>a. UPS 3 KVA True online (Deutsche / Green Power/AMBTronic) Principal of working = True on-line, Double conversion Single phase Input Voltage range for operations = 180 – 260 Volts Input frequency = Generator-compatible with wide input frequency range (40 to 70 Hz) Output Power capacity = 3 KVA Output Power factor = 0.8/0.9 Output Voltage = 220 – 240 volts Output Frequency = 50/60 Hz +/- 3 Hz synchronizes with the input frequency. Output Wave type = Pure Sine wave Output Backup: Standard Backup time = Minimum 15 - 20 min on 70% load. Built-in batteries and Surge Protection Input breaker (if not available in UPS vendor should provide and install separately) or equivalent</p>	02	
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12.0 Annexure - C: Firm's References

(To be attach with Technical Proposal)

**Relevant Services Carried Out in the Last Five Years
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 70 Marks	
S. #	Technical Evaluation	Total Marks	Marks Obtained	
1.	Firms past 05 years experienced in the relevant field.	20	Must attach Documentary proof 05 Years and above = 20 Marks Less than 5 years = 0 Marks (Zero marks means technically disqualified)	
2.	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	
3.	Filled Technical Sheet Attached (Annex-A) with reference Page Number	10	Fulfill the requirement	
4.	Project completed in last one year amounting Rs; 2.0 Million	20	Projects: 5 and above = 20 Marks 4 = 16 Marks 3 = 12 Marks 2 = 08 Marks 1 = 04 Marks	
Total		70		
* 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 **Operationalization of FM Radio (NUML)** 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 _____ 2022.

1. We, M/S _____ are 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 Operationalization of FM Radio (NUML) " 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:

