
***Procurement of Professional Production and Broadcast-Grade
Equipment***

“Revamping of PTVC”



**PAKISTAN TELEVISION CORPORATION LIMITED
2025**

PAKISTAN TELEVISION CORPORATION LIMITED

Ref No. ENG/PLG/ D-807/237

TENDER INVITATION

Pakistan Television Corporation Limited (PTVC) invites technical proposals in accordance with PPRA Rule 36(c) – *Two-Stage Bidding Procedure* from registered and reputed firms authorized by Original Equipment Manufacturer (OEM) for the procurement of “**Professional Production and Broadcast-Grade Equipment**” under the PSDP project “**Revamping of PTVC,**” as per following details.

S No	Description
1.	LIVE PRODUCTION STUDIO CAMERA WITH TRIPOD, LENS & ALL ACCESSORIES
2.	BROADCAST-GRADE TRANSMISSION EQUIPMENT
2.1	ANALOG/DIGITAL VDA'S FRAME WITH ALL ACCESSORIES
2.2	UP/DOWN/CROSS CONVERTER
2.3	MATRIX VIDEO ROUTER
2.4	CCU CAMERA MATCHING (WFM & SCOPE):
2.5	SYNC PULSE GENERATOR (SPG)
2.6	EMBEDDER/DE-EMBEDDER STANDALONE
2.7	CAMERA CCU TALLY & INTERCOM SYSTEM WITH HEADPHONE ALL ACCESSORIES
3.	BROADCAST GRADE AUDIO-EQUIPMENT
3.1	A/V MONITOR RACK
3.2	24-32 Ch INPUT AUDIO MIXER
3.3	WIRED/WIRELESS/CORDLESS MIC
3.4	WIRED/WIRELESS IFB WITH BASE UNIT
3.5	TELEPHONE HYBRID SYSYTEM
3.6	POWER AUDIO MONITOR:
4.	BROADCAST-GRADE PROFESSIONAL MONITORING SYSTEMS.
4.1	PROFESSIONAL VIDEO DISPLAY MONITORS 65" WITH MULTIVIEWER PROCESSOR.
4.2	PROFESSIONAL LED MONITORS 32" WITH SDI TO HDMI CONVERTER
4.3	DUAL DISPLAY RACK MONITORS
5.	INSTALLATION MATERIALS (LOT)
5.1	MISCELLNEOUS (RACKS, PDUS, FIXATION/MOUNTING ETC.)

02. Specifications of equipment along with terms and conditions can be downloaded from PPRA and PTVC websites or can be collected from the office of the undersigned during the office hours.

03. Technical Proposals in a sealed envelope clearly marked as Pre-Qualification Tender For “*Professional Production & Broadcast-Grade Equipment*”, duly addressed to Controller Audit, **Chairman, Senior Tender Committee, PTV Headquarters Office, Constitution Avenue, F-5/1, Islamabad** must be received latest by **1100 Hours on Wednesday, January 28th, 2026**. The received Technical Proposals shall be opened after **1130 Hours** on the same day in the presence of bidders or authorized representative, who may wish to attend.

04. Financial proposals, Section/ LOT wise will be invited in second Stage from the pre-qualified firms only.

05. PTVC reserves the right to reject all the bids or proposals in the light of clause 33 of PPRA rules 2004.


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1. LIVE PRODUCTION STUDIO CAMERA WITH TRIPOD, LENS & ALL ACCESSORIES:

NAME OF MANUFACTURER / SUPPLIER:		NAME OF LOCAL AGENT:	Qty-24
S.#	Description	Make/Model	Country of Origin:
	Production Studio Camera		
A	Technical Features		Compliance Remarks
i.	<ul style="list-style-type: none"> Native UHD (4K) 2/3" 3-CMOS camera with global shutter image sensor, 3840×2160 resolution, F11 sensitivity at 2000 lux (4K/50p), 62 dB SNR. Camera system shall provide 12G-SDI Signal transmission for uncompressed UHD (3840×2160/50p), supports ITU-R BT.2020 broadcast colorimetry and HDR workflow natively, without dependence on internal conversion (up-scaling) and SMPTE hybrid fiber interface with CCU. Camera shall support all UHD and HD formats natively and perpetually without reliance on optional software licenses, up conversion, or interpolation. (Optionally Items/features) <ul style="list-style-type: none"> Supports IP transmission between the camera and CCU, enabling IP transmission workflow integration. 		
ii.	Camera Control Unit shall support 3G/HD/12G-SDI, supporting up to 1080p 50 output, VBS return video I/O, BBS or Tri-Level Genlock, 4-wire/Clear-Com/RTS tally integration, operating on AC 100–240V, 50/60Hz. Note: CCU-based internal up conversion to UHD is not acceptable; the camera must support native UHD/HD formats.		
iii.	Accessories: Viewfinders (7"), Camera Controller, OCP for iris, Gain, pedestal, RGB control, Camera Intercom Headphone, 25 feet OCP-CCU cable, 80 Mtr Camera-CCU Fiber hybrid cable, Tripod mount plate, dolly, fluid head with all necessary accessories.		
B	Lens: UA18x7.6 or equivalent Native 4K 2/3" with 18x-7.6mm with Built-in 2x extender including Zoom/Focus controller.		
C	Tripod: Compatible Heavy-duty Studio Tripod System comprising fluid head, pan handler, camera plate, Spreader and wheeled dolly, of recognized international make, ensuring precise and reliable performance in professional broadcast environments.		
D	Offered camera must be a 2018 or latest model currently in production, with active OEM support ensures availability of spare parts, hybrid fiber CCU, and future-proof natively supported UHD/4K, HDR support.		
•	Any other item to complete the system		
•	Earnest Money/Bid Security amounting to PKR:4,080,000/- or equivalent in USD must be submitted along with this quotation.		

2. BROADCAST-GRADE TRANSMISSION EQUIPMENT

2.1) Analog/Digital VDA'S Frame with All Accessories:

NAME OF MANUFACTURER / SUPPLIER:		NAME OF LOCAL AGENT:		Qty-07
S.#	Description	Make/Model	Country of Origin:	
	Analog/Digital VDA's frame with all accessories			
	Technical Features			Compliance Remarks
i.	2RU Frame, includes advanced frame controller, SNMP pre-installed with AC 220/50hz redundant power supply:			
ii.	12G/6G/3G/HD/SD re-clocking Distribution Amplifier 1 In / 10 Out (01 Nos)			
iii.	12G/6G/3G/HD/SD re-clocking Distribution Amplifier 1 In / 4 Out (05 Nos)			
iv.	BB/Tri Sync re-clocking 1 x 8 Analog video Distribution Amplifier with looping input (01 Nos)			
v.	Balanced Analog audio 1x8 or 1x4 stereo analog audio distribution amplifier (02 Nos)			
vi.	Any other item to complete the system			
	Earnest Money/Bid Security amounting to PKR: 392,000/-or equivalent in USD must be submitted along with this quotation.			

2.2) Up/Down/Cross Converter:

NAME OF MANUFACTURER / SUPPLIER:		NAME OF LOCAL AGENT:		Qty-07
S.#	Description	Make/Model	Country of Origin:	
	Up/Down/Cross Converter with Analog Audio			
	Technical Features			Compliance Remarks
i.	Dual-channel 3G/HD/SD-SDI frame synchronizer and converter with up/down/cross conversion, color correction/analog/embedded audio, BB Tri-sync input LAN/serial control, and redundant 100-240V AC power supply.			
ii.	Aspect ratio conversion, resizing and repositioning conversion.			
iii.	Any other item to complete the system			
	Earnest Money/Bid Security amounting to PKR: 252,000/-or equivalent in USD must be submitted along with this quotation.			

2.3) Matrix Video Router

NAME OF MANUFACTURER / SUPPLIER:		NAME OF LOCAL AGENT:		Qty-05
S.#	Description	Make/Model	Country of Origin:	
	32x32 SDI router with Remote			
	Technical Features			Compliance Remarks
i.	32x32 Router with same Cross Point Button Control panel enables IP & serial control interface.			
ii.	Video Formats: DVB-ASI, 270 Mbps, 1.5 Gbps, 3 Gbps with Re-clocking			
iii.	1x RJ-45, 10/100/1000 Ethernet with Embedded web server for remote control			
iv.	AC 100-240VAC 50/60 Hz input with redundant PSU supply/Adapter			
	Earnest Money/Bid Security amounting to PKR: 200,000/-or equivalent in USD must be submitted along with this quotation.			

2.4) CCU Camera Matching (WFM & Scope):

NAME OF MANUFACTURER / SUPPLIER:		NAME OF LOCAL AGENT:		Qty-07
S.#	Description	Make/Model	Country of Origin:	
	CCU Camera Matching (WFM & Scope)			
	Technical Features			Compliance Remarks
i.	Compact waveform monitor with 7"–9" display, supporting 3G/HD/SD-SDI inputs.			
ii.	Featuring waveform, vector scope, RGB/YUV parade, histogram, and Eye Pattern analysis.			
iii.	Built-in audio level meter with embedded and optional AES/EBU audio support.			
iv.	Rackmount kit and operable AC 220/50hz Power Supply			
	Earnest Money/Bid Security amounting to PKR: 364,000/-or equivalent in USD must be submitted along with this quotation.			

2.5) Sync Pulse Generator (SPG):

NAME OF MANUFACTURER / SUPPLIER:		NAME OF LOCAL AGENT:		Qty-06
S.#	Description	Make/Model	Country of Origin:	
	1RU Timing & Reference Generator			
	Technical Features			Compliance Remarks
i.	Master Sync / Clock Reference Generator with front panel control, includes loop-through genlock input, 06 Analog Black/Tri-level outputs, 4 LTC outputs, word clock output, DARS output.			
ii.	Enabled SD/HD/UHD test signal generation on SDI outputs with connectivity cable & featured with internal GNSS receiver and time synchronization features & PTP (IEEE 1588) supports.			
iii.	A/C Power:100 to 240 VAC \pm 5% 50Hz with Redundant PSU included			
	Earnest Money/Bid Security amounting to PKR: 336,000/-or equivalent in USD must be submitted along with this quotation.			

2.6) Embedder/De-Embedder Standalone:

NAME OF MANUFACTURER / SUPPLIER:		NAME OF LOCAL AGENT:		Qty-14
S.#	Description	Make/Model	Country of Origin:	
	EMBEDDER/DE-EMBEDDER			
	Technical Features			Compliance Remarks
i.	3G-AMA or equivalent 3G/HD/SD-SDI 04-Channel Analog Audio Embedder/ De-Embedder.			
ii.	4 x Analog audio inputs / outputs with selectable audio groups.			
iii.	Bracket set for rack, XLR Balanced breakout cable included			
iv.	AC 220/50hz Power Supply			
	Earnest Money/Bid Security amounting to PKR: 56,000/-or equivalent in USD must be submitted along with this quotation.			

2.7) Camera CCU Tally & Intercom System with Headphone All Accessories:

NAME OF MANUFACTURER / SUPPLIER:		NAME OF LOCAL AGENT:		Qty-07
S.#	Description	Make/Model	Country of Origin:	
	Camera CCU Tally & intercom system			
	Technical Features			Compliance Remarks
i.	Supports RJ-45 connection type Eight Channel Intercom with Tally function.			
ii.	Balanced external input, Announce In/Out, Sent audio to all the channels			
iii.	Desktop Station with gooseneck microphone Mic button & Single ear XLR-5 headset			
iv.	Rack mount with AC 220/50hz Power Supply			
	Earnest Money/Bid Security amounting to PKR: 140,000/-or equivalent in USD must be submitted along with this quotation.			

3. Broadcast-Grade Audio Equipment

3.1) A/V Monitor Rack:

NAME OF MANUFACTURER / SUPPLIER:		NAME OF LOCAL AGENT:		Qty-07
S.#	Description	Make/Model	Country of Origin:	
	A/V Monitor Rack			
	Technical Features		Compliance Remarks	
i.	Audio Monitor 12G G3 or equivalent with 12G-SDI, analog audio, meters and built-in speakers.			
ii.	AC 220/50hz Power Supply			
	Earnest Money/Bid Security amounting to PKR: 28,000/-or equivalent in USD must be submitted along with this quotation.			

3.2) 24-32 Ch Input Audio Mixer:

NAME OF MANUFACTURER / SUPPLIER:		NAME OF LOCAL AGENT:		Qty-08
S.#	Description	Make/Model	Country of Origin:	
	Audio Mixer with Analog Audio			
	Technical Features		Compliance Remarks	
i.	Digital Audio Mixing Console: Featuring 24 motorized faders and integrated Dante support (64x64 channels enabled).			
ii.	Input 24 mic/line (XLR/TRS combo) + 2 stereo line (RCA pin) & 16 XLR output			
iii.	20 AUX Buses, 8 DCA Groups, Recording via USB Storage Device & 50-600Ω Mics			
iv.	AC 220/50hz Power Supply Included			
	Earnest Money/Bid Security amounting to PKR: 128,000/-or equivalent in USD must be submitted along with this quotation.			

3.3) Wired/Wireless/Cordless Mic:

NAME OF MANUFACTURER / SUPPLIER:			NAME OF LOCAL AGENT:		Qty-25
S.#	Description	QTY	Make/Model/Par	Country of Origin:	
a)	Wired Mic				
	Technical Features			Compliance Remarks	
i.	Sub-miniature omni-directional lavalier wired microphone				
ii.	DC 1.5 V (AA size battery) or +48 V phantom power with 2m wire				
iii.	XLR-3-12C (male) connector in power supply unit (single AA size battery)				
iv.	Horizontal/Vertical clip pack & Wind screen pack included				
b)	Wireless /Cordless Mic				
i.	“EW-D ME2” or equivalent wireless omnidirectional lavalier mic including clip pack.				
ii.	Sub miniature mic bodypack & receiver with Dante out operable 220VAC				
	Earnest Money/Bid Security amounting to PKR: 150,000/-or equivalent in USD must be submitted along with this quotation.				

3.4) Wired/Wireless IFB with Base Unit:

NAME OF MANUFACTURER / SUPPLIER:			NAME OF LOCAL AGENT:		Qty-08
S.#	Description	QTY	Make/Model	Country of Origin:	
	Earset Kit for IFB				
	Technical Features				Compliance Remarks
i.	Sennheiser In ear monitor with compatible RTS CES KIT-2 with all accessories or equivalent.				
ii.	Complete Ear set with Connector & Ear tube with RTV-04, CMT-2, ET-4. 125Ω, 5' (1.5M) cord, and ¼" plug Including push-to-talk unit and gooseneck mic for IFB use.				
iii.	Any other accessories to complete the systems.				
	Earnest Money/Bid Security amounting to PKR: 48,000/-or equivalent in USD must be submitted along with this quotation.				

3.5) Telephone Hybrid System

NAME OF MANUFACTURER / SUPPLIER:			NAME OF LOCAL AGENT:		Qty-04
S.#	Description	QTY	Make/Model	Country of Origin:	
	Multi-line digital telephone hybrid				
	Technical Features				Compliance Remarks
i.	Twin Line Digital Telephone Hybrid System, supporting analog Audio, Twin Fully Automatic ,19" Rack Mount included telephones sets with DTMF keyboard & ringer control.				
ii.	XLR input and output connectors can manage analog to the device settings at the same time, a second XLR analog output is also available.				
iii.	76dB typical line balance rejection offering superb performance and crystal-clear audio.				
iv.	Line hold/release button to control line hold circuit, illuminates to indicate the status of the line and flashes to show ring status.				
v.	Operable on 230V, AC,50Hz				
	Earnest Money/Bid Security amounting to PKR: 48,000/-or equivalent in USD must be submitted along with this quotation.				

3.6) Powered Audio Monitor:

NAME OF MANUFACTURER / SUPPLIER:		NAME OF LOCAL AGENT:		Qty-19
S.#	Description	Make/Model	Country of Origin:	
	ANALOG ACTIVE AUDIO MONITOR			
	Technical Features		Compliance Remarks	
i.	Pair of independent 5-inch analog active monitors, each with built-in amplifier and tweeter, wide range I/O gain control, Balanced XLR, balanced ¼-inch TRS, and unbalanced RCA line-level inputs			
ii.	AC 220/50hz Power Supply			
	Earnest Money/Bid Security amounting to PKR: 57,000/-or equivalent in USD must be submitted along with this quotation.			

4. BROADCAST-GRADE PROFESSIONAL MONITORING SYSTEMS.

4.1) PROFESSIONAL VIDEO DISPLAY MONITORS 65" WITH MULTIVIEWER PROCESSOR:

NAME OF MANUFACTURER / SUPPLIER:		NAME OF LOCAL AGENT:		Qty-12
S.#	Description	Make/Model	Country of Origin:	
A	PROFESSIONAL VIDEO DISPLAY 65"			
	Technical Features		Compliance Remarks	
i.	65-inch or above 4K UHD LCD Display with 24/7 "VA" Panel Life Time @ 50000 hrs.			
ii.	Connectivity: HDMI/DP/USB 2.0/ RS232C/ RJ45/ Audio/ IR & A/C Power:100 to 240 VAC ± 5% supply.			
iii.	Included Accessories: 10Mtrs HDMI Cable, Remote Control & Wall-Hanging			
B	MULTIVIEWER PROCESSOR (Qty-06)			
i.	1RU Rack-mount 16 Channel SDI Multiviewer with 20 different Multiview layouts with auto Detect: SD/HD/3G/6G-SDI with Dual 6G-SDI Outputs as well as parallel HDMI			
ii.	AC 100-240VAC 50/60 Hz input			
	Earnest Money/Bid Security amounting to PKR: 240,000/-or equivalent in USD must be submitted along with this quotation.			

4.2) PROFESSIONAL LED MONITORS 32" WITH SDI TO HDMI CONVERTER:

NAME OF MANUFACTURER / SUPPLIER:		NAME OF LOCAL AGENT:		Qty-14
S.#	Description	Make/Model	Country of Origin:	
	PROFESSIONAL VIDEO DISPLAY			
	Technical Features			
i.	"CDE4312" or Equivalent 32 -inch or above professional Display with 1080p native Resolution.			
ii.	CONNECTIVITY: HDMI & A/C Power:100 to 240 VAC ± 5% supply.			
iii.	Included Accessories Remote Control, Table Stand, Wall-Hanging & Micro Converter Bi-Directional SDI-HDMI 12G.			
	Earnest Money/Bid Security amounting to PKR: 112,000/-or equivalent in USD must be submitted along with this quotation.			

4.3) DUAL DISPLAY RACK MONITORS:

NAME OF MANUFACTURER / SUPPLIER:		NAME OF LOCAL AGENT:		Qty-07
S.#	Description	Make/Model	Country of Origin:	
	Dual Display Rack Monitors			
	Technical Features			Compliance Remarks
i.	Rackmount "Dual 7" or larger SDI/HDMI display monitor with 3G/HD/SD-SDI and HDMI inputs, loop-through output support, compatible with 1080p resolutions (23.98/24/25/29.97/30/50/59.94/60Hz).			
ii.	Audio In/Out Embedded Audio on SDI with audio level metering			
iii.	Operable AC 220/50hz Power Supply			
	Earnest Money/Bid Security amounting to PKR: 56,000/-or equivalent in USD must be submitted along with this quotation.			

5. INSTALLATION MATERIALS (LOT):

a) VIDEO PATCH PANEL:

NAME OF MANUFACTURER / SUPPLIER:		NAME OF LOCAL AGENT:		07 LOT
S.#	Description	Make/Model	Country of Origin:	
(a)	VIDEO PATCH PANEL			
	Technical Features			Compliance Remarks
i.	Canare MFP-26×2 or equivalent 1RU rackmount 26×2 normal-through video patch panel with rear-mounted 75Ω BNC connectors, supporting 3G/HD/SD-SDI signals up to 3 Gbps.			
(b)	12G-SDI FLUSH-MOUNT PATCH PANEL			
i.	Canare 322U-BJRUk or equivalent 1RU rackmount 32-port flush-mount patch panel with insulated 75Ω BNC feedthrough connectors, supporting 12G/6G/3G/HD/SD-SDI signals.			

b) AUDIO PATCH PANEL:

NAME OF MANUFACTURER / SUPPLIER:		NAME OF LOCAL AGENT:	
S.#	Description	Make/Model	Country of Origin:
	Audio Patch Panel		
	Technical Features		Compliance Remarks
i.	CANARE "32XP-F" with wired XLR3 4U rack panel or equivalent		

c) BALANCED AUDIO CABLE WITH CONNECTORS:

NAME OF MANUFACTURER / SUPPLIER:		NAME OF LOCAL AGENT:	
S.#	Description	Make/Model	Country of Origin:
	Balanced Audio Cable		
	Technical Features		Compliance Remarks
i.	Canare L-2T2S or equivalent 200-meter balanced analog audio cable, 24 AWG with 12/34 stranded OFC copper conductor, Cu spiral shield, and XLPE insulation.		
	Assorted XLR Connector:		
ii.	3 Pole Female & Male pair connectors with Black metal housing and gold contacts.		

d) MULTICHANNEL BALANCED AUDIO CABLE WITH CONNECTORS:

NAME OF MANUFACTURER / SUPPLIER:		NAME OF LOCAL AGENT:	
S.#	Description	Make/Model	Country of Origin:
	Balanced Audio Cable		
	Technical Features		Compliance Remarks
i.	MS202-4P or equivalent 200 mtr 04 channel Balanced Microphone/Lin Balanced shielded analog audio cable		
ii.	24 AWG, Stranding 25/38, Cu OFC Conductor, Cu + Drain Wire Shield & XLPE		
	Assorted XLR Connector:		
iii.	3 Pole Female & Male pair connectors with Black metal housing and gold contacts.		

e) MINIATURE SDI CABLE WITH CONNECTORS:

NAME OF MANUFACTURER / SUPPLIER:		NAME OF LOCAL AGENT:	
S.#	Description	Make/Model	Country of Origin:
	Miniature SDI Cable		
	Technical Features		Compliance Remarks
i.	"RG59 2.5CHD" or equivalent SMPTE 259/292M/424M standard		
ii.	23 AWG PE Insulation, Foil + 95% Tinned Copper Braid Shield, PVC Jacket,CMR		
iii.	PE - Polyethylene (Foam), Min. Return Loss 21dB @ 1600 - 4500 MHz		
	Assorted BNC Connector:		
iv.	Compatible standard 75Ω BNC connectors compatible with SMPTE 259M (SD-SDI), 292M (HD-SDI), and 424M (3G-SDI) transmission.		
v.	Cable Striper & Crimping/Compression Tool for provided cable & connectors		

f) SDI VIDEO CABLE WITH CONNECTORS:

NAME OF MANUFACTURER / SUPPLIER:		NAME OF LOCAL AGENT:	
S.#	Description	Make/Model	Country of Origin:
	SDI Video Cable		
	Technical Features		Compliance Remarks
i.	RG6 4.5CHD or equivalent SMPTE 259/292M/424M Standard		
ii.	18 AWG PE Insulation, Foil + 95% Tinned Copper Braid Shield, PVC Jacket,CMR		
iii.	Velocity of Prop. 82% , Nom. Capacitance Cond-to-Shield 16.2 pF/ft		
	Assorted BNC Connector:		
i.	Compatible standard BNC connectors compatible with SMPTE 259M (SD-SDI), 292M (HD-SDI), and 424M (3G-SDI) transmission for provided cable & connectors.		

g) NETWORK SWITCH WITH ACCESSORIES:

NAME OF MANUFACTURER / SUPPLIER:		NAME OF LOCAL AGENT:	
S.#	Description	Make/Model	Country of Origin:
i)	NETWORK SWITCH		
	Technical Features		Compliance Remarks
a)	"XS724EM or Equivalent" 24 × Multi-Gigabit RJ-45 copper ports supporting 100M/1G/2.5G/5G/10G speeds		
	Rack-mountable form factor, AC power input: 100–240V, 50–60Hz		
b)	"XS512EM or Equivalent" 12 × Multi-Gigabit RJ-45 copper ports supporting 100M/1G/2.5G/5G/10G speeds		
	Rack-mountable form factor, AC power input: 100–240V, 50–60Hz		
ii)	NETWORK CABLE & CONNECTORS:		
a)	(CAT6A) Unshielded/Foiled Twisted Pair (U/FTP), without internal separator, suitable for 10GBase-T Ethernet applications		
b)	Fully compatible with above CAT6A U/FTP cable, Includes cable stripper and termination/crimping tool		
	Earnest Money/Bid Security amounting to PKR: 280,000/-or equivalent in USD must be submitted along with this quotation.		

5.1) MISCELLENEOUS (RACKS, PDUS, FIXATION / MOUNTING ETC.)

NAME OF MANUFACTURER / SUPPLIER:		NAME OF LOCAL AGENT:		Qty-07
S.#	Description	Make/Model	Country of Origin:	
	Equipment Rack with PDU/MDU			
	Technical Features		Compliance Remarks	
i.	Professional W800 x D1000 19" 42U Server/Equipment Rack			
ii.	Lift Off Type Side Door with Quick Release Catch & Packet of Assembly Nuts			
iii.	Front Cable management c/w Cable Ring, Vertical Cable Tray, 1U & 2U 6+4 panels			
iv.	Power Distribution Unit, Cables & Plugs: (Around 20-port vertical Rack PDUs with locking IEC 320 C13 Sockets & IEC 320 , IEC320C13& IEC320 C14 plug , 3 Core 18 AWG Unshielded Multi Conductor electric Cable , 3 Core 16 AWG Unshielded Multi Conductor electric Cable.			
	Earnest Money/Bid Security amounting to PKR: 16,800/-or equivalent in USD must be submitted along with this quotation.			

TERMS & CONDITIONS

For "Procurement of Professional Production and Broadcast-Grade Equipment"

1. The **OEM representative** or bidders are required to provide: -
 - I. Company profile including registration certificate (as per companies act 1984), along with NTN/Sales Tax registration certificates. CNIC and certificate declaring as non-defaulter within Pakistan with any government/public sector entity.
 - II. Compliance remarks on the equipment specification sheet must be filled in with the company's signature and seal.
 - III. Verifiable manufacturer's agency certificate in favor of local agents or authorized company's distributor certificate in favor of local agents as an essential requirement.
2. International bidders and Original Equipment Manufacturers may participate in the tender by submitting their company profile, certificate of incorporation, complete bid documents with duly filled compliance sheet, product literature, evidence of relevant experience, undertaking of non-blacklisting, and written confirmation of technical support and warranty commitment.
3. Bidders shall highlight the required features/specification of the equipment quoted for pre-qualification on the technical literature proposed by OEM.
4. The supplier may quote for any section or all of the equipment. Technical proposals for each section may be provided in separate envelop. Proposal of any incomplete section will not be considered. If technical proposals are more than one, then all the sub-proposals may be placed in one main envelop for submission.
5. Evaluation criteria for pre-qualification of equipment and firms would be compliance of published technical specifications, tender terms & conditions, demo (if necessary) and quoted prices.
6. Supplier/Contractor also warrants that the equipment/items supplied under the contract are brand new and free from any manufacturing defect.
7. No advance payment is admissible.
8. Bids will be as per Two stage bidding procedure according to the PPRA rule 36-C.
9. Quoted Prices should be on CPT Islamabad basis and valid for at least a period of 120 days.
10. Ex-work prices will not be accepted.
11. Earnest money "as mentioned in the compliance sheet" shall be provided in the form of Bankers Cheque, Pay Order or verifiable Bank guarantee issued by any scheduled bank of Pakistan (valid for 06 months).
12. Bids submitted without the required bid security shall not be considered.
13. Earnest money of second lowest bidder will be retained till the issuance of purchase order to the lowest firm & Earnest money of 1st lowest bidder will be retained till the opening of L/C.
14. Payment will be made through irrevocable Letter of Credit (IRLC) at Sight which will be established in favor of Original Equipment Manufacturer (OEM) or OEM authorized firm.
15. The bidder has to sign an agreement with PTVC besides providing 10% bank guarantees (BG) against shipment and 5% performance guarantee (PG) at the time of delivery. The shipment guarantee shall be discharged after the consignments are received in PTV's stores without any discrepancy.
16. All proposed OEMs shall be internationally recognized manufacturers of professional broadcast equipment, especially complying with SMPTE/ITU/EBU standards, and valid necessary certifications.
17. Supply of equipment must be ensured within 8–12 weeks from the issuance of the Letter of Credit.
18. Conditional bids will not be accepted.
19. No cutting/overwriting in rates /prices will be allowed in proposals/bids.
20. The performance guarantee shall be discharged after completion of one year with satisfactory performance of equipment. During the warranty period all expenses are to be borne by the supplier in case of replacement of the unit/faulty parts of equipment.
21. The supplier is responsible for supply of spare parts at least for 10 years post warranty period and provision of essential spare parts list along with base prices of the items.
22. PTV reserve the right to reject all the bids or proposals as per PPRA regulation Clause-33 rules 2004.
23. Defaulter/black listed firms will not be allowed to participate in the bidding process.
24. **Submission of Certificate of acceptance of terms & conditions of PTVC.**

AGREED / DISAGREED BIDDERS SEAL & SIGNATURE