PAKISTAN TELEVISION CORPORATION LIMITED

Ref No. ENG/PLG/ D-807/534

TENDER INVITATION

Pakistan Television Corporation Limited (PTVC) invites **sealed bids** 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 **"VIDEO MIXER 2/ME, WITH ALL ACCESSORIES & ALLIED EQUIPMENT"** under the PSDP project **"Revamping of PTVC"**

02. The specifications of equipment along with terms and conditions can be downloaded from PPRA (https://ppra.gov.pk/) and PTVC (https://www.ptv.com.pk/) websites or can be collected from the office of the undersigned during the office hours.

03. Bid security, as specified in the compliance sheet must be submitted along with the sealed bidding documents. The participating firms must ensure submission of tender documents addressed to Controller Audit **Chairman, Senior Tender Committee, PTV Headquarters Office, Constitution Avenue, F-5/1, Islamabad,** latest by **1100 Hours on Wednesday, October 28, 2026.** The "Technical Proposal" in a sealed envelope should clearly mention "VIDEO MIXER-2/ME WITH ALL ACCESSORIES & ALLIED EQUIPMENT".

04. 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.

05. Financial proposal will be invited at Stage 2 from the pre-qualified firms only.

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

(Khawaja Salahuddin)
Director Engineering Projects
PTV Headquarters Office
Constitution Avenue-F5/1, Islamabad
Tel: 051-9222539

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1. VIDEO MIXER 2/ME, WITH ALL ACCESSORIES & ALLIED EQUIPMENT.

NAME OF MANUFACTURER / SUPPLIER:		NAME OF LOCAL AGENT:	Qty-07
S.#	**Description**	**Make/Model**	**Country of Origin:**
❖	**2-M/E (HD-SDI), Video Switcher with separate Control Panel**		
	Technical Features		**Compliance Remarks**
i.	2 M/E video mixer with a separate dedicated hardware control panel, having at least 20 illuminated cross-point buttons per M/E row. The cross-point buttons shall be capable of displaying source names through integrated OLED/LCD/LED technology with a minimum display capacity of 8 characters. The video switcher shall employ a dedicated broadcast-grade hardware switching architecture utilizing FPGA and/or ASIC-based real-time video processing. The primary production switching engine shall not be based on general-purpose CPU/GPU software rendering or IT server-based processing. The system shall be purpose-built for continuous 24×7 broadcast, studio, and master control operations, providing deterministic real-time performance, ultra-low latency, and high operational reliability. Supports 3G/HD-SDI 1080p operation with UHD/4K Ready, Tri-level Sync and Black Burst reference support.		
ii.	**Base Unit:** shall provide a minimum **24 active 3G/HD-SDI inputs** in the offered configuration without requiring additional software licenses, expandable through manufacturer-supported options, Mainframe shall natively support 3G-SDI and single-link 12G-SDI video inputs and outputs.		
iii.	Minimum 04 AUX SDI outputs including Program, Preview, Clean Feed and minimum 02 built-in Multi Viewers outputs with tally, UMD, clocks and audio metering. Frame synchronizers and Proc Amp shall be available on SDI inputs.		
iv.	Multiple DVEs channels supporting PIP, scaling, cropping, borders, shadows, rotation, and perspective effects. Each M/E shall provide a minimum of four (04) keyers supporting Chroma, Luma, Linear, Self, and DSK modes per M/E bus. The system shall support integrated GPIO/Tally, GPI/O, RS-422, and Ethernet control interfaces. Each M/E shall include a minimum of four (04) channels of real-time color correction.		
v.	Redundant power supplies shall be factory-installed in both Base Unit and Control Panel with Power Input: AC 100–240V, 50/60Hz.		
vi.	**Aux Panel:** Compatible Aux panel with **minimum 16 buttons** also included		
vii.	If the mixer inputs are not standard BNC connectors, compatible connectors or adapters shall be provided to support 2.5CHD (SMPTE-compliant) SDI cables. • Touchscreen monitor for configuration and operational settings, if required by the offered system architecture.		
viii.	Any other items/software to complete the system.		
•	**After-Sales Support Availability:** *The bidder/manufacturer shall ensure active technical support, software/firmware updates for a minimum period of 03-05 years from the date of supply of the offered equipment. A written undertaking from the manufacturer shall be provided in this regard.*		
	Earnest Money/Bid Security must be submitted along with this quotation.		**Rs.1,120,000/**

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For "VIDEO MIXER-2/ME WITH ALL ACCESSORIES & ALLIED EQUIPMENT
(Revamping of PTVC)"

1. The Original Equipment Manufacturer (OEM) representatives 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 favour of local agents or authorized company's distributor certificate in favour of local agents as an essential requirement.
2. Original Equipment Manufacturers (through authorized representatives) and International bidders 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. No cutting/over-writing is admissible.
4. Evaluation criteria for pre-qualification of equipment and firms would be in compliance of published technical specifications, tender terms & conditions, demonstration (if necessary) and quoted prices.
5. Supplier/Contractor also warrants that the equipment/items supplied under the contract are brand new and free from any manufacturing defect.
6. No advance payment is admissible.
7. Bids will be as per Two Stage Bidding Procedure according to the PPRA rule 36(c).
8. Quoted Prices should be on CPT Islamabad basis and valid for at least a period of 120 days.
9. Ex-work prices will not be accepted.
10. 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). The National Tax Number (NTN) of PTVC is **0711560-1**.
11. Bids submitted without the required bid security shall not be considered.
12. 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.
13. Payment will be made through irrevocable Letter of Credit (IRLC) at Sight which will be established in favour of Original Equipment Manufacturer (OEM) or OEM authorized firm.
14. 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 Central Engineering Stores without any discrepancy.
15. All proposed OEMs shall be internationally recognized manufacturers of professional broadcast equipment, especially complying with SMPTE/ITU/EBU standards, and valid necessary certifications.
16. Supply of equipment must be ensured within 8–12 weeks from the issuance of the Letter of Credit.
17. Conditional bids will not be accepted.
18. 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.
19. The supplier is responsible for supply of spare parts for 10 years post warranty period and provision of essential spare parts list along with base prices of the items. Escalation charges upto 5% annually on the base price may be charged after warranty period.
20. PTV reserves the right to reject all the bids or proposals as per PPRA regulation Clause-33 rules 2004.
21. Defaulter/black listed firms will not be allowed to participate in the bidding process and those firms in litigation with PTVC will not be entertained.
22. Submission of Certificate of acceptance of terms & conditions of PTVC.

AGREED / DISAGREED BIDDERS SEAL & SIGNATURE