

PAKISTAN TELEVISION CORPORATION LIMITED
EXTENSION IN DATE
PRICE TENDER OF I.T EQUIPMENT

Ref. No.PTV/IT/Ext-Tender/Sangeet/16-17/177

The Date for submission of price tenders (PPRA Ref No: TS283390E) for the supply of the Graphics Workstations, Playout Servers, and Storage Systems and related I.T Equipment, required for the launch of a new Channel, has been extended till **27/07/2016**. No further extension in this regard will be entertained and all other terms and conditions stay the same. The firms who have already participated, need not to submit the same again.

Price tenders should reach at the office of Chairman, Senior Tender Committee, Constitution Avenue, PTV Headquarters Office, Federal TV Complex, Islamabad on or before **27.07.2016** which will be received till **1400 Hours** and will be opened at **1430 Hours** on the same day in the presence of the tenderers or their authorized representatives who may wish to attend.



Deputy Controller
Information Technology Division
PTV Headquarters Office, Islamabad.
Phone: 051-9201647



**PAKISTAN TELEVISION
CORPORATION LIMITED**

Ref. No.PTV/IT/Tender/Sangeet/16-17/177

PRICE TENDERS OF IT EQUIPMENT

Pakistan Television invites price tenders from well reputed/GST registered firms/vendors for the supply, installation, configuration, and training of the Graphics Workstations, Playout Servers, and Storage Systems and related I.T Equipment, required for the launch of a new Channel.

The equipment specifications, tender terms & conditions and related bidding documents can be collected from the office of the undersigned during office hours or can be downloaded from PTV's website (www.ptv.com.pk) or PPRA's website (www.ppra.org.pk).

Price tenders, in sealed envelope, clearly marked, 'PRICE TENDERS FOR I.T EQUIPMENT FOR CHANNEL LAUNCH', addressed to Chairman, Senior Tender Committee, Constitution Avenue, PTV Headquarters Office, Federal TV Complex, Islamabad., will be received on or before **19/07/2016** till **12:00 Noon**. Price tender will be opened at **12:30 PM** on the same day in the presence of the tenderers or their authorized representatives, who may wish to attend.

PTV reserves the right to accept or reject any or all price tenders without assigning any reason.

(Kashif Masood Akbar)
Deputy Controller Information Technology
PTV Headquarters Office
Tel: 051 9201647



PAKISTAN TELEVISION CORPORATION LIMITED

TERMS & CONDITIONS

Purchase of I.T. Equipment

(Ref. No.PTV/IT/Tender/Sangeet/16-17/177)

Pakistan Television invites price tenders from well reputed/GST registered firms/vendors for the supply, installation, configuration and training of the Graphics Workstations, Playout Servers, Storage Systems and related IT Equipment, required for the launch of a new Channel.

Price tenders, in sealed envelope, clearly marked, "**PRICE TENDERS FOR I.T EQUIPMENT FOR CHANNEL LAUNCH**", addressed to Chairman, Senior Tender Committee, Constitution Avenue, PTV Headquarters Office, Federal TV Complex, Islamabad., will be received on or before **19/07/2016** till **12:00 Noon**. Price tender will be opened at **12:30 PM** on the same day in the presence of the tenderers or their authorized representatives, who may wish to attend.

Terms & Conditions:

- 1) The price tenders, clearly marked, "**Price Tenders for I.T Equipment for Channel Launch**", must be addressed to **Chairman Senior Tender Committee, PTV Headquarters, Constitution Avenue, Islamabad.**
- 2) The prices must be quoted in Pak Rupees (inclusive all taxes) and must be valid for a period of **90 days** from the date of opening quotations.
- 3) Partial bidding is **NOT** allowed. The bidder must submit a bid that meets all the requirements and supply of equipment/services.
- 4) Bidders will have to produce the proof of GST registration. Sales Tax and Income Tax Numbers must be indicated.
- 5) Bidders will have to submit manufacturer's authorization letter, addressed to Chairman Senior Tender Committee, with technical bid covering all specification details of the equipment.
- 6) The tender must accompany earnest money 2% of the total value of the bid in the form of Call Deposit/Bank Draft (refundable) drawn in favour of PTV HQs Islamabad. Tenders without earnest money or less than 2% total value, will not be entertained and be rejected.
- 7) The successful bidder will have to furnish a Bank Guarantee of 5% of the value of order, valid for a period of one year from date of installation/testing - to ensure satisfactory performance of the equipment.
- 8) The successful bidder will have to sign an agreement over & above one million either in case of local purchase or import of equipment.
- 9) The successful bidder will have to install all the equipment at PTV location on installation, configuration and training basis, within **3 to 4 weeks** after issuance of the purchase order. NO EXTENSION of the time in supply of goods will be allowed.
- 10) Delivery of the material at I.T Store, PTV-HQrs Office will be at supplier risk & cost.
- 11) The successful bidder will ensure backup support and service at PTV's premises during the warranty period at their own expense.
- 12) The successful bidder will provide the Original System's CDs/ Software (Licensed)/ Cables/ Manuals and any other item if provided by manufacturer.
- 13) PTV reserves the right to accept or reject all the price tender/quotations without assigning any reasons at any time prior to the acceptance of the tender.

Annexure-A

REQUIREMENTS & SPECIFICATIONS

(Ref. No. PTV/ITD/Tender/Sangeet/16-17/177)

Storage & Network Accessories		
Description	Qty.	Price
<p>a. SAN Storage (HPE MSA2024 or Equivalent): 72TB Raw Capacity iSCSI Storage, Dual Controller, 6GB cache per controller (Data (Read/Write) cache with backup to flash memory, 2TB 6G SAS 7.2K SFF (2.5in) Enterprise Class, 2-U Rack mount main chassis and enclosure of same brand, Redundant Power Supply, 4x host connections per controller 2x 8Gb/s SFP+ module, (24) RJ-45 autosensing 10/100/1000 ports, (1) extended module slot, (4) fixed 1000/10000 SFP+ ports, Memory: 2048 MB SDRAM, Packet buffer size: 4 MB, 512 MB flash, Switching Capacity: 208 Gbps 4x 5-meter DAC Cable, Fiber laying to the MCR from Data center with storage and Playout Machine</p>	01 No	
<p>b. Network Switch & Cables 2 x Layer-3 Switch 1-RU, 24-Ports Giga switch, (20) RJ-45 autosensing 10/100/1000 ports, (4) RJ-45 dual-personality 10/100/1000 ports (2) module slots, 512 MB SDRAM, Switching capacity: 128 Gbps 2 x 4 U Switch Cabinet wall mounted with Fan, 4 x Patch Panel & Cable Organizer, 2 x Cat-6 Cable Roll, 1000 Cat-6 RJ45 Connectors With Boots. including installation and one year service</p>	01 No	
Workstation Systems		
<p>c. Editing Systems (HP Z840 or Equivalent): Intel E5 v3 series Eight Core Xeon 2.4GHz 20Mb, 32GB Ram DDR4 2133MHz 512GB PCIe flash, 8TB (4x 2TB) SAS 7.2K Hard Drive on raid_5 Tower Chassis with 1400-watts PSU, DVD R/W and Blu ray writer 2x 24" Monitor, 8GB Graphics & 1664 core adobe rendering engine Soft button Keyboard, Optical Mouse, 2 x 1Gb NIC Ethernet, H.264 Encoding Acceleration Video in/out card NTSC/PAL/NTSC-EIAJ, 720P 50/59.94,1080I 50/59.94, 1080P 23.98/24/25/29.97/30,1080PsF 23.98/24, 25/29.97/30 1x SDI in/out, 1x Analog in & out, down and upscaling and Composite 2 x Fiber NIC Card with SFP+ module Adobe CS, CC and new series of adobe program should be compatible Company Authorization letter must be accompanied</p>	4 Nos.	
<p>d. NAPes Workstations: Intel E5 v3 series Six Core Xeon 2.4GHz 15MB, 32GB Ram DDR4 2133MHz 512GB PCIe flash, 4TB (2x 2TB) SAS 7.2K Hard Drive on raid_1 Tower Chassis with single PSU, DVD R/W 24" LED Monitor with DV Interface, 2GB Graphics & 384 core application rendering engine 2x 1Gb NIC for streaming with MPO engine, Soft button Keyboard, Optical Mouse, 2x SDI in/out, 2 x Fiber NIC Card with SFP+ module, 1x Analog in & out, down and upscaling Genlock</p>	2 Nos.	
Rack mounted Server & Accessories		
<p>e. Playout Server: Athensa - Playout Machine with licensed Software & Dongle 24/7 unattended operation, MPEG2, AVC/H.264, HDV and DV compression scalability, large variety of sources supported, hardware Independence feature. Professional device support through GPI, RS232, VDCP. AirBox MPO enables HD SDI, SD SDI (with real-time rescaling) and IP streaming, output in H.264 (MPEG-4) and MPEG-2, Intel E5 v3 series Six Core Xeon 2.4GHz 15MB, 32GB Ram DDR4 2133MHz, 256GB Flash PCIe, 4TB Hard Drive on raid_5 with one drive GHSP (sustained read/write speed for video file), 2GB Graphics card, 2x 1Gb NIC for streaming with MPO engine, 2x SDI in/out, 2 x Fiber NIC Card with SFP+ module, 1x Analog in & out, 1x HDMI in/out down and upscaling, Genlock, wired keyboard and optical mouse, 2x 24" LED with DV Interface, turnkey solutions, Specs certificate should be attached from Principal</p>	1 No.	

f. UPS: 10. KVA Online Double Conversion UPS with Dry Batteries and extended long backup up to 2+ hours Installation, Configuration and Optimization with tendered setup	2 No.	
g. Branded Rack: 42-U Rack with cooling fan and 2x 8-PDU	1 No.	
Ingest Workstation & Scan Converter		
h. Scan convertor System: Intel E5 v3 series Eight Core Xeon 2.4GHz 20MB 32GB Ram DDR4 2133MHz 256GB Flash PCIe, 4TB Hard Drive on raid_5 with one drive GHSP (sustained read/write speed for video file), 4GB Graphics card 2x 1Gb NIC for streaming with MPO engine, 2 x Fiber NIC Card with SFP+ module, 2x SDI in/out, 1x Analog in & out, down and upscaling Genlock, wired keyboard and optical mouse 2 x 24" LED with DV Interface, turnkey solutions Soft button Keyboard, Optical Mouse	1 No.	
i. Ingest Workstations: Athensa - Ingest Software with Licensed and Dongle Scheduled capturing of satellite feeds with automated channel switching Comprehensive Metadata handling (TCI, MTD creation), HD capturing File splitting based on duration, Multi-channel audio capturing All 4 instances in a single screen (Future Provisioning) New Streamlined User Interface Design, Add Metadata during ingest Automated RS-422 VTR control with batch capturing lists Closed Captioning support under EIA-608/708 standards Intel E5 v3 series Eight Core Xeon 2.4GHz 20MB 32GB Ram DDR4 2133MHz, 256GB Flash PCIe 6TB Hard Drive on raid_5 with one drive GHSP (sustained read/write speed for video file), 2GB Graphics card 2x 1Gb NIC for streaming with MPO engine, 2 x Fiber NIC Card with SFP+ module, 1x 8Gb/s Fiber Channel Card 2x SDI in/out, 1x Analog in & out, down and upscaling Genlock, Soft button Keyboard, Optical Mouse 2x 24" LED with DV Interface, Turnkey solutions with proper connection with SAN, Specs certificate should be attached from Principal	1 No.	
Application Systems		
j. Titlebox System: Athensa - Interactive on-air graphics Machine with licensed Software & Dongle, 24/7 unattended operation, Multi-layered simultaneous crawls, rolls, animated logos, clocks and text templates, control during on-air session - changing texts, running speed, transitions Intel E5 v3 series Eight Core Xeon 2.4GHz 20MB 32GB Ram DDR4 2133MHz, 256GB Flash PCIe 4 TB Hard Drive on raid_5 with one drive GHSP (sustained read/write speed for video file), 4GB Graphics card 2 x 1Gb NIC for streaming with MPO engine, 2 x Fiber NIC Card with SFP+ module, 2 x SDI in/out, 1x Analog in & out, down and upscaling Genlock, wired keyboard and optical mouse 2 x 24" LED with DV Interface, turnkey solutions Specs certificate should be attached from Principal	1 No.	
k. MAPs APPLICATION Workstation: Intel Quad Core latest CPU, 32GB Ram, 240GB Solid State Drive, 4TB (2x 2TB) Sata 7.2k, 2x 1Gb NIC, Tower Chassis with PSU 2PCIeGen3x16;1PCIeGen3x8(open-ended);1PCIeGen2x4(open-ended);1PCIeGen2x1(open-ended);1PCI Soft button Keyboard, Optical Mouse	2 Nos.	

Computer Systems & Printers		
l. Computer Systems: HP ProDesk 400 G2 MT C15 or equivalent, Intel Core i5 8.2 Ghz, 8Gb, 2 x 500GB, WIFI, LAN, 1 x HP EliteDisplay S270c 27 video Monitor With Compatible USD Graphics Adapter, Soft button Keyboard, Optical Mouse 5.1 Speakers.	5 No.	
m. Printers: HP LaserJet Pro m127fn or equivalent multifunction printer with HP 1200w NFC/Wireless Mobile Print Accessory	2 Nos.	
Total Cost Rs.(a to m):		

Note (Please read it carefully)

- 1) All terms and conditions must be complied in letter and spirit.
- 2) Partial bidding is not allowed. The bidder must submit a bid that meets all the requirements and supply of equipment/services.
- 3) Bidders will have to clearly mention the Brands names and provide all technical manuals / specifications of the equipment.
- 4) Firms will have to mention office addresses, contact numbers to prove their presence in Pakistan, preferably in Islamabad.

Signature : _____

Company Seal : _____

