

Tender Documents Procurement of Office and IT Equipment



**PAKISTAN
INSTITUTE OF TRADE AND DEVELOPMENT
MINISTRY OF COMMERCE
GOVERNMENT OF PAKISTAN**

April, 2017

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SECTION I Invitation for Bids

PAKISTAN INSTITUTE OF TRADE AND DEVELOPMENT MINISTRY OF COMMERCE INVITATION FOR BIDS - SUPPLY & INSTALLATION OF OFFICE & IT EQUIPMENT

PITAD/IT/2017 (Proc-1)

Pakistan Institute of Trade & Development (PITAD), Ministry of Commerce, Government of Pakistan invites sealed bids from eligible bidders (original manufacturers/authorized distributors/suppliers) registered with Income Tax and Sales Tax Departments for the supply and installation of branded office & IT equipment as per lots mentioned below.

| Lot No. | Description |
|---------|--|
| 1. | Supply and Installation of CCTV cameras |
| 2. | Supply and Installation of Multimedia Projectors and Motorized Screens |
| 3. | Supply and Installation of Heavy Deputy Photocopier, Network Printer and scanner along with training to machine operator |
| 4. | Desktop Computers |
| 5. | Laptops (professional Series Only) |
| 6. | 65 INCH LED for display Genuine (4k) |
| 7. | Supply and installation of DC Inverter Split AC |

2. Bidding documents containing detailed terms and conditions, method of procurement, procedure for submission of bids, bid security, bid validity, opening of bid, evaluation criteria, clarification/ rejection of bids, performance guarantee etc. are available for the interested bidders at the office of **Project Director, PITAD**. Interested bidders may obtain the bidding documents, after requesting for the same on the Company/firm's letter head. Bidding documents can also be downloaded from the websites of PITAD www.pitad.org.pk

3. Single stage-two envelopes procedure shall apply. **“Technical”** and **“Financial”** Proposals in sealed and separate envelopes, prepared in accordance with the instructions in the bidding documents along with 3% Earnest Money (of bid value) in the shape of DD/Pay Order (**Cheques will not be entertained**) in favour of Pakistan Institute of Trade and Development must reach at the office of the **Project Director, PITAD, on/or before 11:30 hours on April 20, 2017**. Late submission of bids will not be accepted. Every bidder can bid lot-wise. However, evaluation of each lot will be done separately.

4. Quoted rates should be inclusive of all Govt. taxes/duties etc. This office reserves the right to accept or reject any or all quotations as per PPRA Rules 2004.

5. “Technical Bids” will be **opened in the Conference Room of PITAD at 12:00 noon same day** in the presence of the bidders or their authorized representatives, who may choose to be present. Whereas, the Financial Bids of technically qualified (i.e. compliant to technical specifications and other terms & conditions) bidders shall be opened publically, later on.

5. This advertisement is available on PPRA's website i.e. www.ppra.org.pk

Project Director
PITAD, Islamabad
Phone No: 051-926981

SECTION II

Instructions to Bidders

Bidders are advised to read the contents of the Instruction to Bidders (ITB) carefully

Scope of Work

1.1. Pakistan Institute of Trade and Development, here in after called PITAD, intends execution of ICT & other infrastructure for Office and Hostel of PITAD at H-8/4 Islamabad.

| | |
|------------------|--|
| Lot No. 1 | Supply, Installation and configuration of CCTV cameras |
| Lot No. 2 | Supply and Installation of Multimedia Projectors and Motorized Screens. |
| Lot No. 3 | Supply and Installation of Heavy Deputy Photocopier, Network Printer and scanner along with training to machine operator |
| Lot No. 4 | Desktop computers |
| Lot No. 5 | Laptops (professional series only) |
| Lot No. 6 | 65 INCH LED for display Genuine (4k) |
| Lot No. 7 | Supply and installation of DC Inverter Split AC |

Every bidder can bid lot wise. However, evaluation of each lot will be done separately.

Eligible Bidders

This Invitation for Bids is open to all original manufacturers/their authorized agents/suppliers and in case of imported goods their authorized agents/ importers/ suppliers in Pakistan for supply of Goods who must be registered (NTN, GST, on Active Tax payers List of FBR etc). The eligibility conditions are more specifically described in the Schedule of Requirements **(Section-III)**.

Agent/Supplier must possess valid Authorization certificate from the Manufacturer/principal and shall have to submit a copy of Manufacturer's Authorization certificate. However, in case of Manufacturer, they should have a documentary proof as prescribed in the Bid Form **(Section V)** to the effect that they are the original Manufacturer of the required specifications of Goods.

Bidders under a declaration of ineligibility for corrupt and fraudulent practices issued by any Government (Federal, Provincial or Local) or a public sector organization are **NOT ELIGIBLE**. Bidders blacklisted by any Government (Federal, Provincial or Local) or a public sector organization are also **NOT ELIGIBLE**.

Further requirements for determining eligibility of bidders are specified in **Section III**.

Bidding for Selective Items

The bidder must bid for all items of a lot specified in the Schedule of Requirements **(Section III)** and provide turnkey solution for lots1, 3, 5 & 7. Bidding for a few/partial items within a Lot (i.e. not covering all items in a Lot) is strictly prohibited and will result in the rejection of the bid. However, a bidder can bid for more than one Lot by submitting bid security for each lot.

SECTION III

Schedule of Requirements & Technical Specifications

Schedule of Requirements:

The equipment shall be delivered and installed in accordance with the following schedule of requirements:-

Lots 1, 2, 3, 4, 5, 6 & 7

| S.Nos | Milestone | Time Period |
|-------|---|---|
| 1. | Supply & installation of Cameras | Within two weeks from the date of signing of contract/issuance of purchase order |
| 2. | Supply of Projector | Within two to three weeks from the date of signing of contract/issuance of purchase order |
| 3. | Supply of Network Printer/ Copier | Within two weeks from the date of signing of contract/issuance of purchase order |
| 4. | Supply of Desktop Computers | Within two weeks from the date of signing of contract/issuance of purchase order |
| 5. | Supply of Laptops (Professional Series only) | Within two to three weeks from the date of signing of contract/issuance of purchase order |
| 6. | Supply of 65 INCH LED for display Genuine (4k) | Within two weeks from the date of signing of contract/issuance of purchase order |
| 7. | Supply and installation of DC Inverter split AC | Within two weeks from the date of signing of contract/issuance of purchase order |

Penalties for Late deliveries of supplies: All items shall be delivered in accordance with the Purchase Orders to be issued by PITAD. In case of late deliveries, penalties at the following rates will be applied:

| Mode of Penalty | 100% Quantity as Per Purchase Order | Total delivery period |
|---|-------------------------------------|-------------------------------------|
| Without penalty | 14 or 21 days as per given timeline | 14 or 21 days as per given timeline |
| With penalty@ 1% per day after 21 days of issuance of Purchase Order up to maximum of 10% of the total contract value | 10 days | 24 or 31 days as the case may be |

Technical Specifications

Note: All the quoted equipment should be of recognized/reowned brands.

| Lot No. | Description | Specifications/BOQs | Qty |
|-----------|---|---|-----|
| Lot No. 1 | Supply, installation and configuration of CCTV cameras. Survey will be conducted before installation. | <p><u>PTZ 20x optical , 16 x digital zoom , 2.0 Megapixel 100 Meter IR , POE:</u></p> <p>Hardware specification : -</p> <ul style="list-style-type: none"> - 1/2.8" CMOS Image sensor -Powerful 20x Optical and 16x Digital zoom -Support Triple-streams encoding -Max. 25/30fps@1080P and 50/60fps@720P Resolution -DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus -Up to 300 Presets, 8 Tour, 5 Pattern, 5 Auto scan -Max 240°/s pan speed, 360° endless pan rotation -IR Range of 100 Mtr. -Built-in 2/1 alarm in/out, IP66 -Mobile Software: iCMOB, gCMOB, wCMOB -CMS Software: KVMS Pro, vOptimus Pro -AGC control Auto / Manual -Alarm2/1 channel In/Out -Angle of View H: 54.1° ~ 3.2° -Audio ComprerssionG.711a / G.711u(32kbps)/ PCM(128kbps) -Audio Streaming1/1 channel In/Out -Back Light Compensation BLC / HLC / DWDR -Day/Night: IR Cut Filter Auto(ICR) / Color / B/W -Digital Zoom16x -DimensionΦ204.7(mm) x 359.9(mm) -Effective Pixels1944(H) x 1092(V), 2Megapixels -Electronic Shutter1/1 ~ 1/30,000s -Focal Length4.7mm ~ 94.0mm -Focus Control Auto / Manual -Idle Motion Activate Preset/ Pan/ Scan/ Tour/ Pattern if there is no command in the specified period -Image Sensor1/2.8" CMOS -IVST ripwire, Intrusion, Abandoned Object Detection, Missing Object Detection -Memory Micro SD, Max 128GB -Minimum Illumination Color: 0.05Lux@F1.4; B/W: 0.005Lux@F1.4 -Operating Temperature-40°C ~ 60°C / Less than 90% RH -Optical Zoom20x -Pan Travel0° ~ 360° endless, Pan Speed: 0.1° ~ 160°/sec -Power Consumption10.5W, 26W (IR on, Heater on) -Power Source AC 24V/3A -Power up Action Auto restore to previous PTZ and lens status after power failure -Preset Speed Pan: 400° /s; Tilt: 300° /s -Presets300 -Privacy Masking Up to 24 areas -ProtocolsIPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x, ONVIF PSIA CGI | 06 |

| Lot No. | Description | Specifications/BOQs | Qty |
|---------|-------------|---|-----|
| | | <ul style="list-style-type: none"> -S/N Ratio More than 50dB -Smart Phone iPhone, iPad, Android, Windows Phone -Special Features IR Range of 100 Mtr., Up to 300 Presets, 8 Tour, 5 Pattern, 5 Auto scan -Tilt Travel-15° ~ 90°, auto flip 180°, Tilt Speed: 0.1° ~200°/sec -Time Task Auto activation of Preset/Pan/Scan/Tour/Pattern by preset-time -User Account 20 users -Video Compression H.264H/H.264B/H.264/ MJPEG -Video Streaming Main Stream: 1080P/ D1 (1 ~ 25/30fps), 720P(1~50/60fps), Sub Stream 1: D1/CIF(1 ~ 25/30fps), Sub Stream 2: 720P/ D1/ CIF (1 ~ 25/30fps) -Weather Proof Standard IP66 -Weight 5 kg -White Balance Auto, ATW, Indoor, Outdoor, Manual -With 02 years warranty | |
| | | <p><u>3 Megapixel IR Fix Bullet Camera:</u></p> <p>Hardware specification : -</p> <ul style="list-style-type: none"> -Image Sensor 1/3" 3MP Progressive scan CMOS -Minimum Illumination 0.01Lux/F1.4(Color), 0Lux/F1.4(IR on) -Shutter Speed Auto/Manual, 1/3(4)~1/10000s -AGC control Auto/Manual -White Balance Auto/Manual -Back Light Comp. BLC/ HLC/ DWDR -Lens 2.7 -12mm Motorized Lens -S/N Ratio More than 50dB -Video Compression H.264/MJPEG -Video Streaming Main Stream: 3M(1 ~ 20fps)/1080P (1 ~ 25/30fps), Extra Stream: D1/CIF(1 ~ 25/30fps) -Resolution 3M(2304x1296) / 1080P(1920x1080) / 1.3M(1280x960) / 720P(1280x720) / D1(704x576/704x480) / CIF(352x288/352x240) -Privacy Masking Up to 4 areas ICR Auto(ICR)/Color/B/W -Smart Phone iPhone, iPad, Android, Windows Phone -Protocol IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour, ONVIF, PSIA, CGI -User Account 20 Users -IRIR Range of 60 Mtr. -Micro SD Micro SD, Max 128GB -Operating Temperature -30°C ~ +60°C , Less than 95%RH -Power Source DC 12V, PoE (802.3af) -Power Consumption < 8.5W -Weatherproof Standard IP67 -Dimension 72mm x 80mm x 212.8mm -Weight 650g -With 02 year warranty | 10 |

| Lot No. | Description | Specifications/BOQs | Qty |
|---------|-------------|---|--------|
| | | <p><u>Network Video Recorder 16 Channel Professional Series :</u></p> <p>Hardware specification : -</p> <ul style="list-style-type: none"> -16 Ch. with 1080p Real time Live View -H.264/MJPEG dual codec decoding -128/96 Mbps Incoming/Outgoing Bandwidth -Support 4 SATA HDDs up to 24TB, 3 USB -Support Multi-brand network cameras -Mobile Software for Android, iOS -CMS Software: IVMS <ul style="list-style-type: none"> - Alarm Input 8 channel - Alarm Output 2 channel - Audio Input 1 channel, RCA - Audio Output 1 channel, RCA - Compression H.264 / MJPEG - Dimensions 44.0mm x 440.0mm x 341.0mm (1.73" x 17.30" x 13.47") - Ethernet 2 RJ-45 10M/100M/1000M adaptive Ethernet Interface - Hard Disk 4 SATA ports, up to 24TB - Interface Ports 2 USB2.0, 1 USB3.0, 1 HDMI, 1VGA, 1 RJ45, 1 RS485 - IP Camera Input 16 channel - Operating System Embedded LINUX - Playback Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom - Power Consumption ≤6 W (without hard disk) - Power Supply 12 VDC, 2A - Processor Dual-core embedded processor - Protocols HTTP, TCP/IP, IPV4, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, IP Server, P2P - Two-way Talk 1 channel, RCA - User Interface GUI - Video Display Split 1/4/8/9/16 - Video Output HDMI, VGA - Video Recording Max 96 Mbps - Video Resolution Upto 8MP - Weight ≤3Kg. - Working Humidity 10% ~ 90% - Working Temp -10°C ~ + 55°C (+14°F ~ +131°F) <p>-With 02 year warranty</p> | 01 |
| | | <p><u>4 TB Surveillance Hard Disk sata for NVR</u></p> <ul style="list-style-type: none"> - With 1 years warranty | 04 |
| | | <p><u>IP Camera Cabling ducting pipes and other allied material / electrical wiring / CAT 6 / FIBER /digging / any material involved in installation for approximately 7000 running feet.</u></p> <ul style="list-style-type: none"> - With 1 year warranty and service | 01 job |

| Lot No. | Description | Specifications/BOQs | Qty |
|---------|-------------|--|--------|
| | | <u>POE switch 16 Port with 4 U Rack cabinets</u> - With 1 year warranty | 01 |
| | | <u>Installation , Testing & Commissioning</u> - With 1 year warranty and service | 01 job |
| | | <u>UPS 2 KVA pure sine wave with 2 x Batteries 100 AMP (Dry)</u> - 1 Year Warranty and service | 01 set |

Interested bidders may visit the premises before bidding.

| Lot No. | Description | Specifications/BOQs | Qty |
|-----------|---|---|-----|
| Lot No 2. | Installation of multimedia projectors along with motorized screen in classroom and conference halls | <p><u>Multimedia Projector:</u> Hardware specification: - <u>Image Display</u> -Display System 3-Chip 0.59" / 15 mm RGB Liquid Crystal Shutter Projection System LCD -Native Resolution WXGA - 1280 x 800 -Supported Resolutions VGA - 640 x 480, WUXGA - 1920 x 1200 -Format NTSC, NTSC 4.43, PAL, PAL M, PAL N, PAL 60, SECAM -HDTV Compatibility 1080p @ 60 fps, 1080i @ 60 fps, 1080p @ 50 fps, 1080i @ 50 fps, 720p @ 60 fps, 720p @ 50 fps, 576p, 480p -Pixels 3,072,000 -Brightness 5000 Lumens -Uniformity 85% -Aspect Ratio Native: 16:10 -Contrast Ratio 5000:1 -Scan Horizontal: 15 - 91 kHz, Vertical: 24 - 100 Hz</p> <p><u>Lens</u> -Focus Manual -Lens F 1.6 - 1.9 (f = 15.31 - 24.64 mm) -Zoom Manual: 1.6x -Throw Ratio 1.2 - 1.9:1 -Projection Size 30 - 300" / 76.20 - 762.00 cm</p> <p><u>Features</u> -Ceiling Mountable Yes -Rear Screen Projection Yes -Built-In Speaker 10 W (Mono)</p> <p><u>Input/output Connectors</u> -1x HDMI Audio/Video (Input) -1x 15-pin VGA Video (Input) -1x 15-pin VGA Video (Input/output) -1x RCA Composite Video (Input) -1x RCA Stereo (L/R) Audio (Input) -2x M3 Audio (Input) -1x M3 Audio (Output) -1x RS-232C Control -1x Ethernet LAN</p> <p><u>General</u> Lamp (Bulb) 1x UHM Watts 270 W Life Normal Mode: 5000 Hours, Eco Mode: 7000 Hours Maximum Pixel Clock 162 MHz Security Cable Lock Slot, Password Protection</p> | 02 |
| | | <p><u>Motorized Screen:</u> Screen size 10x10</p> | 02 |

| Lot No. | Description | Specifications/BOQs | Qty |
|-----------|--|---|-----|
| Lot No 3. | Installation and configuration will be done along with training of 2 staff members | <p><u>Heavy Duty Network Printer/ photocopier and Scanner :</u> Hardware specification: -</p> <p><u>MAIN UNIT</u></p> <ul style="list-style-type: none"> -Machine Type Monochrome Laser Multifunctional Printer -Core functions Print, Copy, Scan, Send, Store and Optional Fax -Processor Speed Dual Custom Processor (Shared) -Control Panel TFT LCD WSVGA, Touch panel -Memory Standard: 3.0GB RAM or above -Hard Disk drive Standard: 250GB or above -Interface Connection NETWORK Standard: 10Base-T/100Base-TX/1000Base-T, Wireless LAN (IEEE 802.11 b/g/n); Optional: NFC OTHERS Standard: USB 2.0 (Host) x2, USB 3.0 (Host) x1, USB 2.0 (Device) x1; Optional: Serial Interface, Copy Control Interface - Console Design -Oil and Developer free -Single Drum life 5 million copies or above warranted by original equipment manufacturer (single drum life) <p><u>PRINT SPECIFICATIONS</u></p> <ul style="list-style-type: none"> -Printing method Monochrome laser beam printing -Print Speed 65 ppm (A4), 32 ppm (A3), 47 ppm (A4R), 35 ppm (A5R) -Print Resolution 1,200 dpi x 1,200 dpi, 600 dpi x 600 dpi -Double Sided Printing Automatic (Standard) -Direct Print Direct printing available from USB memory key, Advanced space, Remote UI and Web Access, Supported file types: TIFF, JPEG, PDF, and XPS. Printing from mobile and cloud -large paper capacity 4000 sheets or above -built in network printer and color scanner -built in single pass duplexing -toner life at least 50,000 copies warranted by original equipment manufacturer -scan to email feature -wifi built-in | 1 |

| Lot No. | Description | Specifications/BOQs | Qty |
|-----------|--|---|-----|
| Lot No 4. | Only branded desktop computer will be accepted | <p><u>Desktop Computer:</u></p> <p>Hardware specification : -</p> <ul style="list-style-type: none"> - OS : Licensed MS Windows® 10 Pro 64-bit -Processor Type : Processor: Intel® Core™i7 6700 Processor (3.4 GHz) (6th Generation) -Chipset : Intel Q170 -Video Card : 2 GB GC -Memory : 1* 8 GB -RAM Type : DDR4 -HDD Capacity : 1 TB -HDD RPM : 7200 -Wireless : 802.11ac -Optical Drive : 52X DVD +/- RW -Expansion Slots : 1 full height PCIe x16, 1 full height PCIe x16 (wired x 4), 1 full height PCIe x1,1 full height PCI -USB Ports : USB 2.0 = 2 or higher , USB 3.0= 2 -Networking : Intel Ethernet LAN 10/100/1000 -Keyboard + Mouse : Branded (English Black) -No of Bays : 2 internal 3.5", 2 external 5.25" -LED : 24 INCH Full HD -Warranty: 03 Years with the hard disk option. -Back up Support: Backup Hardware will be provided within 24 hours under warranty items period of the same model. | 50 |

| Lot No. | Description | Specifications/BOQs | Qty |
|-----------|-------------|---|-----|
| Lot No 5. | | <p><u>Laptop (Professional series Only):</u></p> <p>Hardware specification : -</p> <ul style="list-style-type: none"> - Operating System Licensed MS Windows® 10 Pro 64-bit -Processor Ci7 (7th Gen) -Memory 8 GB DDR 4 -Slots 2 Slots supporting up to 16 GB -Graphics 2 GB dedicated -HDD 980 GB Solid State Drive -Optional Touch Finger Print Reader Touch Finger Print Reader -Multimedia High Quality Speakers -Video Webcam Yes -Battery 4 Cells, 4 hour backup or more -Bag Yes Branded -Ports HDMI, VGA, USB (3.0x2), USB (2.0x2), Card Slot, LAN -DVD DVD Writer -Cards WiFi, Bluetooth -Display 15.6" FHD -Resolution High Definition with Anti-glare 16:9 -Warranty 01 Year with keep the hard disk option -Back up Support Backup Hardware will be provided within 24 hours under warranty items period. | 10 |

| Lot No. | Description | Specifications/BOQs | Qty |
|-----------|---|---|-----|
| Lot No 6. | Installation will be done in specified rooms. | <p>65 INCH LED for display Genuine (4k): Hardware specification : -</p> <ul style="list-style-type: none"> - Series 6 - Display <ul style="list-style-type: none"> - Resolution 3840 x 2160 - Screen Size 65" - Screen Size (cm) 163 - Ultra Clear Panel Ultra Clear - Video <ul style="list-style-type: none"> - PQI (Picture Quality Index) 900 - Dynamic Contrast Ratio Mega Contrast - Micro Dimming Micro Dimming Pro - Wide Colour Enhancer (Plus) Yes - Picture Engine UHD Up-Scaling - Contrast Enhancer Yes - Auto Motion Plus Yes - Film Mode Yes - Natural Mode Support Yes - Audio <ul style="list-style-type: none"> - Dolby Digital Plus Yes - Virtual Surround DTS Studio Sound - DTS Codec DTS Premium Sound 5.2 - Sound Output (RMS) 20 W (L: 10 W, R: 11 W) - Speaker Type 3 CH (Down Firing + Bass Reflex) - HD Audio Yes - Wallmount Sound Mode Yes - Multiroom Link Yes - TV Sound Connect Yes - Smart Service <ul style="list-style-type: none"> - SMART TV Yes - Apps Yes - Games Yes - Multi-Link Screen Yes - Vertical Enhancement Yes - Convergence <ul style="list-style-type: none"> - TV to Mobile - Mirroring Yes - Mobile to TV - Mirroring, DLNA Yes - SMART View Yes - Wireless TV On - Yes - Notification - BLE Yes | 02 |

| Lot No. | Description | Specifications/BOQs | Qty |
|---------|-------------|--|-----|
| | | <ul style="list-style-type: none"> - Briefing On TV Yes - WiFi Direct Yes - Connectivity <ul style="list-style-type: none"> - HDMI 4 - USB 3 - Component In (Y/Pb/Pr) 1 - Composite In (AV) 1 (Common Use for Component Y) - Ethernet (LAN) 1 - Headphone 1 - Digital Audio Out (Optical) 1 - CI Slot 1 - MHL Yes - HDMI A / Return Ch. Support Yes - RF In (Terrestrial / Cable input) 1 / 1 (Common Use for Terrestrial) / 0 - Wireless LAN Built-in Yes - Anynet+ (HDMI-CEC) Yes - Design <ul style="list-style-type: none"> - Slim Type Slim - Additional Feature <ul style="list-style-type: none"> - Instant On Yes - Processor Quad-Core - SCSA Support Ready - Accessibility Voice guide (EU 17 countries) / Enlarge / High contrast - Digital Clean View Yes - Auto Channel Search Yes - Auto Power Off Yes - BD Wise Plus Yes - Caption (Subtitle) Yes - Channel List USB-Clone Yes - Connect Share™ (HDD) Yes - Connect Share™ (USB 2.0) Yes - Embedded POP Yes - EPG Yes - Extended PVR Yes - Game Mode Yes - OSD Language 27 European Languages - Picture-In-Picture Yes - BT HID Built-in Yes - USB HID Support Yes - Teletext (TTX) Yes - Time Shift Yes - Ultra Clean View Yes - Eco Feature Yes | |

| Lot No. | Description | Specifications/BOQs | Qty |
|-----------|---|---|-----|
| Lot No 7. | Installation will be done in specified rooms. | <p>1.5 tons DC Inverter Split AC: European Compliant, factory manufactured & assembled, Wall mounted air cooled with Cordless remote system with Rotary/ scroll compressor, Corrosive atmosphere friendly coils and fins, automatic operation & auto restart function, auto diagnostic system.</p> <ul style="list-style-type: none"> - BTU Capacity 1.5 Ton (18000BTU) - Compressor Watts 5300 - Low Voltage Operation Startup 150V - Eco Friendly Refrigerant R410A - Energy Efficient Class A+ 60% Electricity saving - EER 3.5 - Auto Voltage Adaptation 150V-260V - BTU/H Capacity (Cooling) 22000 - Output Capacity (Cooling) 6500 - Power Input (W) (Cooling) 2100 - BTU/H Capacity (Heating) 22500 - Output Capacity (Heating) 6500 - Power Input (W) (Heating) 2200 - Refrigerant Pipe Pure copper - Noise Level: Less than 25 dBA - Fire proof electric box - Intelligent defrosting | 30 |

Special working conditions for bidders of DC Inverter Split AC:

Interested bidders may visit the premises before bidding.

On the completion of the works the contractor shall clear away and remove from the site all constructional plant, temporary work, surplus materials, wreckage and rubbish of every kind and shall reinstate and leave the whole of the site and the works clear and in a workman like condition to the satisfaction of the client.

Holes made for installation of Split ACs must be plastered on sides & proper air tight sealing must be done to prevent penetration of outside air & water.

All parts of fans and motors liable to deterioration shall be protected by paint or grease before delivery to site. Filters with dust arresance of 35% as per ASHRAE standards shall be provided. The filter media shall be washable, cleanable, reusable, chemical and moisture resistant, non-perishable, and flame resistant. Coils shall be air pressure tested to 20.6 bar while immersing the coil in a tank of water after completion. Tubes shall be expanded onto the fin collar by hydraulic pressure only.

All access panels and the unit casing shall be provided with thermal and acoustic insulation. All moving components such as compressors and condenser fan motors shall be anti- vibration mounted to minimize the transmission of TP-9 vibration and noise. Condenser coils shall be made of seamless copper tubes mechanically expanded into aluminum fins. The compressor shall be fitted with a discharge line silencer and charged with the required quantity of oil for adequate lubrication circulated by means of an internal oil pump.

Condensing units shall be factory pressure tested, evacuated and dehydrated.

The units shall be installed on steel brackets of adequate strength fixed to the walls with expansion bolts or on concrete foundation on roof.

Minimum compressor warranty should be for 5 years.

SECTION IV

Terms and Conditions

1. Bid Evaluation:

Technical evaluation will be done in two stages.

- 1.1 **Preliminary evaluation** (initial screening) of technical bids will be done on the basis of following parameters:

Step 1: Preliminary Evaluation (Initial Screening/ Determining the eligibility of the Bidder) Requirements:-

- 1.1.1 NTN Certificate.
 - 1.1.2 GST Certificate.
 - 1.1.3 On Active Tax Payers List of FBR.
 - 1.1.4 Registration/Incorporation/Business Certificate and number of business years in Pakistan.
 - 1.1.5 Complete Company profile.
 - 1.1.6 The bidder should be a company/firm having operational office in Islamabad/ Rawalpindi.
 - 1.1.7 Minimum five (5) years' experience in supply and installation of hardware/networking equipment.
 - 1.1.8 Manufacturer's Authorization certificate from the original manufacturer of IT hardware. The bidder should be authorized distributor/ seller from the Original Manufacturer. The bidder shall have to submit the certificate of authorization/ distribution.
 - 1.1.9 Bid Validity period of 90 days.
 - 1.1.10 Affidavit on legal paper to the effect that not blacklisted and rendered ineligible for corrupt and fraudulent practices by any Government (Federal, Provincial or Local) or a public sector organization /Division/ Ministry.
 - 1.1.11 Compliance with schedule of requirements (Yes/No).
 - 1.1.12 Submission of required amount of bid security with Financial Bid (A confirmation to this effect in Technical Bid is must).
 - 1.1.13 **Manufacturer's standard warranty:** Minimum One (01) year onsite warranty (or as mentioned in section III of the bidding documents) including parts and labour.
 - 1.1.14 Technical brochures/ Data Sheets for the hardware and Licensed software to be provided.
 - 1.1.15 Original Bidding Documents duly signed/stamped.
- 1.2 **Detailed technical evaluation** will be done for firms/bidders who qualify the preliminary evaluation/ eligibility criterion mentioned above.
- In **detailed technical evaluation**, the Technical Committee will verify the compliance with Technical specifications mentioned in **Section-III**.

In Financial Evaluation, financial bids of eligible and technically qualified firms will be opened before the bidders' representatives who wish to attend the tender opening.

Bidder with the lowest evaluated bid will be awarded the contract.

2. Rejection of the Bid

- 2.1 Any offer not received as per terms & conditions of the tender enquiry is liable to be ignored.
- 2.2 No offer shall be considered if:
 - 2.2.1 Received without earnest money.
 - 2.2.2 It is received after the time and date fixed for its receipt.
 - 2.2.3 The tender is un-signed.
 - 2.2.4 The offer is ambiguous.
 - 2.2.5 The offer is conditional.
 - 2.2.6 The offer is from the firm who is black listed/ suspended by any Government department.
 - 2.2.7 The offer is received by telegram.
 - 2.2.8 Offer is received with shorter validity than required in the tender document.
 - 2.2.9 The offer is for items/stores do not conform to the specifications indicated in the enclosed list.

3. Performance Guarantee

- 3.1 The successful bidder/firm will be required to furnish 10% performance guarantee of the total bill value/supply order in the shape of CDR/Bank Guarantee in favour of Pakistan Institute of Trade and Development, Islamabad which will be released after satisfactory completion of the warranty/guarantee period.
- 3.2 The Bank Guarantee must be issued by a scheduled bank.
- 3.3 In case the supplier/contractor fails to complete the warranty/guarantee period of one year successfully, the performance guarantee will be forfeited in favour of Pakistan Institute of Trade and Development.

4. Warranty

- 4.1 The Supplier warrants that the Goods supplied under the Contract are original, new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the Purchaser's specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.
- 4.2 This warranty shall remain valid for minimum one year or as specified otherwise, after the Goods have been delivered to and accepted at the final destination indicated in the Contract.
- 4.3 The Purchaser shall promptly notify the Supplier in writing of any claims arising under this warranty.
- 4.4 Upon receipt of such notice, the Supplier shall, within the period specified the contract, repair or replace the defective Goods or parts thereof, without costs to the Purchaser.

- 4.5 If the Supplier, having been notified, fails to remedy the defect(s) within the period specified in the contract, within a reasonable period, the Purchaser may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

5. PITAD's Rights Within Provision of PP Rules-2004:

- 5.1 PITAD reserves the right to increase or decrease the quantity of articles or may order partial supplies or cancel any or all items.
- 5.2 PITAD reserves the right to accept or reject any or all tender as per PPRA rules 2004
- 5.3 PITAD reserves the right to claim compensation for the loss caused by the delay in the delivery.

6. Price Reasonability Certificate:

- 6.1 The bidder shall certify that the prices quoted are not more than the prices charged from any agency (Government & Private) in Pakistan and in case of any discrepancy, the bidder thereby undertakes to refund the price charged in excess.
- 6.2 The bidders must certify that:
- 6.2.1 Item quoted is of latest and current production model.
 - 6.2.2 Item quoted is bearing the manufacturing batch/serial number within the last one year of date of quotation.

7. Payment:

- 7.1 The payment for the supplies made by the successful bidder shall be released within 30 days of the receipt of invoice provided that:-
- 7.1.1 The invoice is complete, accurate and the entire satisfaction of the procuring agency/client;
 - 7.1.2 Supplies are delivered/installed according to the instructions.
 - 7.1.3 10% performance guarantee is provided with the invoice having validity up to the date of Warranty period for minimum one year from the date of installation & commissioning of the goods at PITAD.
 - 7.1.4 The payment against a supply order shall be made on the completion of the delivery of supplies including installation, commissioning, etc. as mentioned in the supply order.
 - 7.1.5 No advance payment shall be made.

8. Inspections and Tests

- 8.1 The Purchaser or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the Purchaser.
- 8.2 The inspections and tests may be conducted on the premises of the Supplier or its subcontractor(s), at point of delivery, and/or at the Goods' final destination. If conducted on the premises of the Supplier or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.

- 8.3 Should any inspected or tested Goods fail to conform to the Specifications, the Purchaser may reject the Goods, and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the Purchaser.
- 8.4 The Purchaser's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival at the Purchaser's delivery point shall in no way be limited or waived by reason of the Goods having previously been inspected, tested, and passed by the Purchaser or its representative prior to the Goods' shipment from the factory/warehouse.
- 8.5 After delivery of goods at the Purchaser's premises, the Purchaser shall inspect the quantity, quality, specifications of goods.
- 8.6 The Inspection Committee of PITAD will carry out detailed physical examination of stocks and can reject, any item if found not according to the approved technical specifications etc. Moreover, the Supplier will also be responsible to replace the same without any further charges.

9. Packing

- 9.1 All the items to be provided in proper original manufacturer packing with brochures and CDs. The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as shall be indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.
- 9.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract.

10. Contract Amendments

- 10.1 No variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

11. Delays in the Supplier's Performance

- 11.1 Delivery of the Goods and performance of Services shall be made by the Supplier in accordance with the time schedule prescribed by the Purchaser in the Schedule of Requirements.
- 11.2 If at any time during performance of the Contract, the Supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of Contract.
- 11.3 Except as provided under GCC Clause 12, a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated

damages pursuant to GCC Clause 10, unless an extension of time is agreed upon pursuant to GCC Clause 9.2 without the application of liquidated damages.

12. Termination for Default

- 12.1 The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate this Contract in whole or in part:
- 12.1.1 If the Supplier fails to deliver any or all of the Goods within the period(s) specified in the respective "Supply Order" which shall be issued from time to time under this Contract, or
 - 12.1.2 If the Supplier fails to perform any other obligation(s) under the Contract.
 - 12.1.3 If the Supplier, in the judgment of the Purchaser has engaged in corrupt and fraudulent practices in competing for or in executing the Contract.
- 12.2 In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 11.1, the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Purchaser for any excess costs for such similar Goods or Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

13. Force Majeure

- 13.1 The Supplier shall not be liable for forfeiture of its bid security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- 13.2 For purposes of this clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
- 13.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

14. Resolution of Disputes

- 14.1 Any dispute concerning the interpretation and/or application of this contract shall be settled through arbitration. The Director General PITAD may form an arbitration committee. Decisions taken and/or award made by the committee shall be final and binding on the parties.

SECTION V BID FORM

BID FORM 1

Letter of Intention

Bid Ref No. PITAD/IT/2017(Proc-1)
Date of the Opening of Technical Bid

Name of the Contract :{Add name}

To:*[PITAD, Islamabad]*

Dear Sir/Madam,

Having examined the bidding documents, including Addenda Nos. [insert numbers & Date of individual Addendum], the receipt of which is hereby acknowledged, we, the undersigned, offer to supply and deliver the Goods under the above-named Contract in full conformity with the said bidding documents and at the rates/unit prices described in the price schedule provided in Financial Bid or such other sums as may be determined in accordance with the terms and conditions of the Contract. The above amounts are in accordance with the Price Schedules attached herewith and are made part of this bid.

We undertake, if our Financial Bid is accepted, to deliver the Goods in accordance with the delivery schedule specified in the schedule of requirements.

If our Financial Bid is accepted, we undertake to provide a performance security/guarantee in the form, in the amounts, and within the times specified in the bidding documents.

We agree to abide by this bid, for the Bid Validity Period specified in the bidding documents and it shall remain binding upon us and may be accepted by you at any time before the expiration of that period.

Until the formal final Contract is prepared and executed between us, this bid, together with your written acceptance of the bid and your notification of award, shall constitute a binding Contract between us.

We understand that you are not bound to accept the lowest or any Financial Bid you may receive. We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in Pakistan.

We confirm that we comply with the eligibility requirements as per ITB documents and have duly provided bid security @ 3% of the total bid value, in the shape of pay order/demand draft/ in the name of **Pakistan Institute of Trade and Development** with our Financial Bid.

*We also confirm that if our bid is accepted, that all partners of the joint venture shall be liable jointly and severally for the execution of the contract and the composition on the constitution of the joint venture shall not be altered without the prior consent of the PITAD

*[This clause does not apply if bidder is a single firm]

Dated this *[insert: number]* day of *[insert: month]*, *[insert: year]*.

Signed:

In the capacity of [insert: title or position]

Duly authorized to sign this bid for and on behalf of [insert: name of Bidder]

BID FORM 2

Name of the Firm

Bid Reference No: **PITAD/IT/2017(Proc-1)**

Date of opening of Bid.

Documentary Evidence for Determining Eligibility of the Bidders & Evaluation of bids

| Required Documentation (To Be Filled by the Procuring Agency) | Checklist (To be initialed by the Bidder against each document) | Relevant Page Number in the Bid (To be filled by the Bidder) | Supporting Documents (To be filled by the Bidder with name of the documents that are submitted to meet the requirement) |
|---|--|--|--|
| Column:1 | Column:2 | Column:3 | Column:4 |
| NTN Certificate | | | |
| GST Certificate | | | |
| On Active Tax Payers List of FBR | | | |
| Registration/Incorporation/Business Certificate | | | |
| Complete Company profile | | | |
| Operational Office in Islamabad/Rawalpindi | | | |
| Firm's past performance i.e. Minimum five years' experience in supplying and installation of item selected for bidding | | | |
| Affidavit duly attested by the Oath Commissioner/Notary Public to the effect that the respective bidder is not blacklisted and rendered ineligible for corrupt and fraudulent practices by any Government (Federal, Provincial or Local) or a public sector organization. | | | |
| Letter of Original Manufacturer's authorization | | | |
| Bid Validity period of 90 days | | | |
| Compliance with schedule of requirements | | | |
| Submission of required amount of bid security with Financial Bid | | | |
| Compliance with Technical Specifications | | | |

| | | | |
|---|--|--|--|
| Manufacturer's warranty: Minimum One year and onsite support or as mentioned in bidding documents | | | |
| Technical brochures/data sheets | | | |
| Original Bidding Documents duly signed/stamped | | | |

Bidders should only initial against those requirements that they are attached with the form. In case they do not have any document to attach the corresponding cell in column 2 should be left blank.

Bidders are required to mention the exact page number of relevant document placed in the Bid. Bidders are advised to attach all Supporting documents with this form in the order of the requirement as mentioned in column1.

BID FORM 3

Firm's Past Performance.

Name of the Firm:

Bid Reference No: **PITAD/IT/2015 (Proc-1)**

Date of opening of Bid:

Assessment Period :(**Minimum Five Years** as per Evaluation Criteria)

| Name of the Client/Institution | Purchase Order No. | Description of Order | Value of Order | Date of Completion | Client's Completion Certificate |
|--------------------------------|--------------------|----------------------|----------------|--------------------|---------------------------------|
| | | | | | |
| | | | | | |
| | | | | | |
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| | | | | | |
| | | | | | |

Bidders may use additional Sheets if required.
All certificates are to be attached with this form.

User Note: *This form is to be filled by the Bidder for each individual item and shall submit with Financial Bid.*

Name of the Firm:

Bid Ref. No: **PITAD/IT/2015 (Proc-1)**

Date of opening of Bid.

| S. #. | Name of the Item | Unit Price (Inclusive of all applicable taxes)* | Qty | Final Total Price (Inclusive of all applicable taxes) and installation charges |
|---|------------------|---|-----|--|
| 1 | 2 | 3 | 4 | 5 |
| | | | | (3*4) |
| Total Price (Inclusive of all applicable taxes) | | | | |

Note: The quoted price should include the delivery/installation charges.

FINAL TOTAL PRICE (in words):-----

Signature:-----

Designation:-----

Date:-----

Official Stamp: -----

Schedule of Requirements

Detail of schedule of requirement is given in section III.

Technical Specifications and Ancillary Services

a). **Product Specifications.**

(Detailed technical specifications, given in Section III, will be followed)

Price Schedule submitted by the Bidder.

(The approved price schedule submitted by the Bidder will be attached)