



**GOVERNMENT OF ANDHRA PRADESH  
A.P.STATE LEGAL SERVICES AUTHORITY**

Nyaya Seva Sadan, City Civil Court Compound  
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**TENDER NOTIFICATION**

**ROC.NO. 4252/APSLSA/2017/LAE, Dt: 20/06/2017.**

Sealed quotations are invited for supply and installation of the following Video Conferencing (VC) equipment with five (5) years comprehensive warranty at State Legal Service Authority at Hyderabad and District Legal Services Authorities located at headquarters of thirteen (13) Districts of State of Andhra Pradesh compatible with latest Ubuntu Linux Desktop operating System and Vidyo Desktop software.

1. One (1) 48 inch or higher - Display Monitor.
2. Fourteen (14) Nos. of USB based Microphone cum Speaker with Built-in Echo Canceller for Desktop based VC System. (or) Bluetooth/Wireless enabled Speaker cum Microphone for Desktop based VC System.
3. Fourteen (14) Nos. of USB based PTZ Web Camera for Desktop based VC System.
4. Fourteen (14) Nos. of 1KVA UPS for VC System with 1 hour backup facility .

*The specifications for the items 1 to 4 are annexed herewith.*

## Terms and Conditions


1. Bidder should have at least 03 years of experience in the sales, service and support & be an Authorized Sales and Service Provider for the Model which is offered.
2. The Bidders must quote the price inclusive of all taxes as on the date of delivery, installation charges and 5 years warranty on all the items. The Member Secretary may at his discretion ask the bidders for clarification of their bids, including price.
3. Bidders should enclose copies of Valid registration of V.A.T./G.S.T, PAN No. and Service Tax.
4. Delivery and installation period: Minimum two weeks from the date of issue of Purchase order.
5. The successful bidders will have to furnish unconditional bank guarantee at 10% of the value of the Purchase order for five years towards performance guarantee.
6. Payment Terms: On successful and satisfactory installation and on the submission of unconditional Bank Guarantee of 10% of the total amount towards performance guarantee, amount will be credited to the Bank account of the successful bidder.
7. Warranty:
  - a. The above said 1 to 4 items should be under five (05) years on-site comprehensive warranty (including batteries for UPS) & support from O.E.M. (certificate should be produced) from the date of installation, including free provision of spare parts, kits as and when necessary.
  - b. If either of the 1 to 4 items are not made operational beyond 48 hours after the complaint, the Firm shall provide a stand-by of the same or higher configuration or a penalty of Rs.200 per day will be imposed after 48 hours.
  - c. Warranty period begins from the date of satisfactory installation, commissioning and certification by the State Legal Service Authority.

- d. On completion of the Warranty period, the unconditional Bank Guarantee will be released after satisfying the proper free warranty support has been provided during warranty period of five (05) years. The Member Secretary reserves the right to recover pending amounts of penalty if any, from the amount of bank guarantee.
8. Training: The successful bidder shall provide training on the operation of the Video Conference equipment to the staff at the time of installation.

The intending bidders shall submit their quotations according to Tender specifications as stated above including delivery and installation charges at District headquarters location to the undersigned on or before 30th June, 2017 (Friday) during the office hours.

The Member Secretary reserves the right to accept or reject any or all quotations without assigning any reasons.

Hyderabad  
Date:20/06/2017.

  
Member Secretary  
A.P.STATE LEGAL SERVICES AUTHORITY  
Nyaya Seva Sadan, City Civil Court Compound  
Purani Haveli, Hyderabad -500 002.

**Annexure-1.1**

**DISPLAY UNIT FOR DESKTOP BASED VC SYSTEM**

<b>S.No.</b>	<b>SPECIFICATIONS OF DISPLAY UNIT FOR VC SYSTEM</b>	<b>Full details if any</b>	<b>Compliance (Y/N)</b>
1.	48 or more inches HD LED Monitor compatible with Web VC system.		
2.	Two or more HDMI in Ports.		
3.	One D-Sub (No.15) Input for PC Input including for Audio.		
4.	One Component Video-in with audio.		
5.	Built in Stereo Speakers with Amplifier with 5W x 5W capacity.		
6.	Tablet Top Stand & Wall Mount Kit		
7.	Remote Control with Display Unit Functionalities.		
8.	Input Power 230 +/- 5% with 50 Hz		
9.	5 years on site warranty.		

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**Annexure-1.2**

**USB BASED MIRCOPHONES CUM SPEAKER WITH BUILT-IN ECHO  
CANCELLER FOR DESKTOP BASED VC SYSTEM**

S.No.	Specifications	Full details if any	Compliance (Y/N)
1.	USB based plug-n-play device to operate with various latest Linux OS including Ubuntu Linux & Windows Operation System		
2.	Good pickup of about 1.5 meters (6-7 feet) distance from the Microphone coverage of 360 Degree		
3.	Full Duplex Operation (Speak and listen simultaneously)		
4.	Built-in Echo Cancellation		
5.	Volume Control button for increase and decrease according to local preferences		
6.	Local Microphone Mute/Un-mute button with visual indication such as bi-colour LED		
7.	Frequency response for microphone - 200 Hz – 7 KHz or better		
8.	HD quality speaker output		
9.	3.5 mm mini phone connector to connect to external devices such as speaker and Microphones with echo cancellation		
10.	Upgradable Firm-ware		
11.	With 10 feet additional USB extention connecting cable		
12.	5 years on-site warranty.		

**(OR)**

**BLUETOOTH / WIRELESS ENABLED SPEAKER CUM  
MICROPHONE FOR DESKTOP BASED VC SYSTEM**

**Annexure-1.3**

**USB BASED PTZ WEB CAMERA FOR DESKTOP BASED VC SYSTEM**

S.No.	Specifications	Full details if any	Compliance (Y/N)
1.	USB based plug-n-play device to operate with various PCs/Laptops		
2.	Motorized PTZ (Pan, Tilt, Zoom)		
3.	180 Degrees PAN, 50 Degrees tilt and 70 Degrees Field View		
4.	Compliance to USB 2.0 or better		
5.	Full HD 1080p30 video calling (up to 1920 x 1080 pixels)		
6.	Thermal stabilized Lens such as Carl Zeiss® lens with autofocus/ High Precision Lens for clear picture		
7.	Compliant with software for video recording using H.264 codec		
8.	Compliant with various Linux OS including Ubuntu Linux, Windows and Mac OS systems		
9.	Minimum 5 feet USB connecting cable		
10.	Compliant low lighting environment		
11.	Built-in microphones for audio pickup from distance of 5 feet		
12.	Remote Controller to PTZ functions		
13.	10 feet additional USB extension connecting cable		
14.	5 years on-site warranty		

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<b>S.No.</b>	<b>Specifications</b>	<b>Full details if any</b>	<b>Compliance (Y/N)</b>
1.	USB based plug-n-play device to operate with various Linux OS including Ubuntu Linux & Windows Operation System		
2.	Bluetooth/Wireless connectivity with a USB based Dongle to be connected to PC/ Laptop		
3.	Should cover distance of typical distance of 20-25 feet from the dongle using Bluetooth/Wireless connectivity.		
4.	Built-in Echo Cancellation		
5.	Volume Control button for increase and decrease according to local preferences		
6.	Local Microphone Mute/Un-mute button with visual indication such as bi-colour LED		
7.	Frequency response for microphone = 100 Hz – 7 KHz or better		
8.	HD quality speaker output / 220 Hz to 14 KHz or better		
9.	Firm-ware upgradable through USB		
10.	With 10 feet additional USB extension connecting cable		
11.	5 years on site warranty		

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**Annexure-1.4**

**UPS FOR VC SYSTEM**

<b>S.No.</b>	<b>Specifications</b>	<b>Full details if any</b>	<b>Compliance (Y/N)</b>
1.	Capacity	1 KVA LINE INTERACTIVE	
2.	Input Voltage and Frequency	140-270 V, 47 to 53 Hz	
3.	Output Voltage and Frequency (On Mains)	230 +/- 5 % with AVR (Automatic Voltage Regulation), 50 hz +/- synchronized with Input Power Frequency	
4.	Output Voltage and Frequency (On Battery)	230 V +/- 3% with 50 Hz	
5.	Backup Time	60 minutes	
6.	Battery Type	Maintenance-free	
7.	sealed	Lead-Acid	
8.	battery	with suspended electrolyte: leakproof	
9.	Overload Capacity	110%	
10.	Efficiency	80% or more	
11.	Output Wavetype	Quasi Sinewave or better	
12.	Transfer Time	< 5 milliseconds	
13.	Load PowerFactor	0.6	
14.	Other Features	Cold Start, Auto Start, Generator Compatible, No Load Shutdown	
15.	Protections from	Surge, Short Circuit, Spikes, DC Undervoltage and Overload	
16.	Indicators	Mains, On Battery, Charge, Overload	



17.	Alarms	Low Battery, Mains Off, Tripping		
18.	Operating Environment	0 – 40 °C		
19.	Operating Relative Humidity	0 – 95%		
20.	Average noise at 1 meter from surface of unit	Not more than 50.00 dBA		
21.	Output Sockets	3 or more with 3 pin		
22.	Warranty	5 years Onsite including batteries		

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