

HIGH COURT OF CHHATTISGARH, BILASPUR

Tender Notice

No. 9371 /CPC/2022

Bilaspur, dated 28 /07/2022

Sealed estimates/quotations are invited from the intending firms having valid GST and PAN Numbers for Supply, Testing, Installation & Maintenance of following articles at District and Subordinate Courts at Kabirdham (Kawardha):-

Sl. No.	Name of the Articles	Quantity
01	Display Board with Thin Clint (24" Monitor, Thin Clint CPU, Keyboard (Wireless) , Mouse (Wireless))	03
02	Display System 43" with Stand and (43" Smart TV)	02
03	USB PTZ Webcam with HDMI Cable	02

Terms and Conditions:-

- a) The Firm will submit its written undertaking for providing warranty of the aforementioned articles, during the warranty period as provided by the OEM.
- b) The Firm will submit EMD charge of 3 percent of the quoted amount in round figure in the name of the Registrar General, High Court of Chhattisgarh, Bilaspur at the time of submission of quotations, same will be returned to the firm as per the Chhattisgarh Store Purchase Rules 2002.
- c) The Firm should be established Office/Service Center/Field Engineer at Bilaspur/Raipur of the Chhattisgarh State (Kindly attach the details with quotations like address, Name of the Offices/Proprietor with e-mail ID and Mobile Numbers).
- d) The Firm shall submit the rates of only good quality heavy duty use Products, which are available with the bidders and on being demanded, firm will supply the said articles within a week.
- e) Required quantity of aforementioned articles may be increased or decreased. It will depend on our actual requirement.
- f) Unit Price of article should be including packing, forwarding, freight, insurance, installation, configuration, commissioning, warranty, comprehensive maintenance for warranty period or any other charges, in following format:-

➤ Details of Price of following articles:-

Sl. No.	Name of the article	Unit Price of Item (In Rs.)	Required Quantity of articles	Total price of item (In Rs.)	GST (In Rs.)	Total (In Rs.)
(A)	(B)	(C)	(D)	(E=C*D)	F	(G=E+F)
01	Display Board with Thin Clint (24" Monitor, Thin Clint CPU, Keyboard (Wireless), Mouse (Wireless))		03			
02	Display System 43" with Stand and (43" Smart TV)		02			
03	USB PTZ Webcam with HDMI Cable		02			

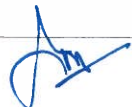
Technical specification of above mentioned articles are attached with this Tender as Annexure A, B & C.

Estimate/Quotations must be submitted to the Registrar General, High Court of Chhattisgarh, Bilaspur either personally or through authorized agents or by Post on or before 04:30 PM of 16 / 08 /2022, which will be opened on next working day i.e. on 17/ 08/2022, after 12:00 AM. Estimates/quotations received through e-mail or after the specified date will not be taken into consideration and the Registrar General of this High Court reserve every right to rejecting any estimates/quotations without assigning any reason thereof.


Arvind Kumar Verma
Registrar General

**Specification for Display Monitors for Current Case Display
outside Court Rooms with basic shared computing client
and cable of required length with Thin/Slim Client**

Sr. No.	<u>Specification</u>	
Display Monitors		
1.	Make and Model No.	(exact details to be provided by the bidder with its official brochure)
2.	Display Type & technology	HD Wide Screen Backlit TFT LED Anti-Glare Display
3.	Screen Size	24 inches
4.	Resolution	HD Resolution
5.	Viewing Angle	170 degrees or more horizontal and vertical
6.	Orientation	Landscape
7.	Color	16 Million or more
8.	Video Input	VGA/HDMI/DisplayPort. If not having the required port, then necessary converter required for connecting it to the Thin Client System to be provided with this Display Monitor. HDMI/VGA/DisplayPort Cable included
9.	Energy Certification	Energy Star (EPA) ver 5.0/BEE India Star Ver 1
10.	TCO Certification	Relevant Category of TCO Certification required
11.	Mounting	Wall - Arm Mountable through VESA bracket Mounting Kit inclusive
12.	Power Supply	200 - 250 V AC 50 Hz, Power Cable included
13.	Visibility	Must have optimum outdoor visibility
Thin/Mini PC Client		
14.	Processor	Industry Standard 1.8 GHz or above Speed Processor
15.	Video Controller	On board video controller
16.	RAM	2 GB or above expandable upto 4 GB.
17.	Storage	8 GB or above (eMMC/SSD)
18.	Display Ports	VGA/HDMI/Dual DisplayPort. If VGA or HDMI or DisplayPort is not there, then converter to be provided which may be required to connect the client system with Display Monitor.



Sr. No.	<u>Specification</u>	
19.	USB Ports	At least 3 USB ports ver 2.0 or above
20.	Bootability	BIOS should support bootability from USB device
21.	Network	Gigabit Ethernet Controller with WOL support IPv4 & IPv6 Complaint with RJ45 Port
22.	Mounting	Ultra small form factor chassis mountable at rear side of the monitor with VESA Mount Compatible (Wall - Arm Mount Kit included in addition to the kit required for Display Monitor)
23.	Operating System Compatibility	Embeded with Linux OS, All hardware must be compatible with Ubuntu-Linux OS 14.04
24.	Hardware Devices	Supplier to provide latest drivers for all hardware for Ubuntu-Linux OS 14.04
25.	Peripheral Devices	Keyboard & Mouse not required
26.	Power Supply	External Power Adaptor for 200 - 250 V AC 50 Hz (Power Cable included)
27.	Software	Linux & Open/Libre Office embedded in Flash RAM/Storage
		JVM Support for Linux Firefox & Mozilla
		Multilingual support
		Thin Client management S/w
Compatibility between Display Monitor and Thin/Mini PC Client		
28.	Compatibility	Display Monitors and Thin/Mini PC Clients to be supplied must be compatible with each other for display connectivity while also adhering to all the technical specifications given in these specifications.
Common Features of Display Monitor and Thin/Mini PC Clients		
29.	Original Equipment Manufacturer (OEM) Product	Original Equipment Manufacturer (OEM) Manufacturer or its authorised distributor/dealers with OEM
30.	Warranty	5 years on site Comprehensive Warranty support with L1 support from bidder and L2 support from OEM
31.	Service Centre	Must have/preferred Company Authorised Service Centre in Capital City/High Court Place
All the above specifications should be read as equivalent or better than		

1. USB PTZ CAMERA

System Requirements

Ubuntu/Linux - Mandatory (must be compatible with customized Ubuntu provided by Supreme Court's e-Committee.)

Windows 7,8,1,10, macOS X 10.7 or later- Optional

Technical Specifications

Camera

- Full HD 1080p video calling (up to 1920 x 1080 pixels); 720p HD video calling (up to 1280 x 720 pixels) with supported clients
- Field of View
 - Diagonal: 78°
 - Horizontal: 70°
 - Vertical: 43°
- 1.2 x HD zoom
- Minimum 200 mm extender stem for elevation / eye-level camera angle
- Rightlight™ 2 Technology for clarity in various lighting environments, even low light
- Camera LED for active streaming indication
- USB PTZ Camera :- Yes

SPEAKERPHONE

- Integrated full duplex speakerphone with echo and noise cancellation
- Controls for call answer/end, volume, mute, and camera movement

Microphones (TX)

- Omni directional microphone with 2.4 m diameter range or Higher
- Frequency response: 200Hz – 8KHz or Higher

Speakers (Rx)

- Frequency response: 220Hz – 20KHz or Higher
- Max output: 80 dB SPL at 0.3 m or Higher

Remote Control

- IR 3 m range or Higher
- battery (included)

NOTE: ALL THE ABOVE SPECIFICATIONS SHOULD BE READ AS EQUIVALENT OR BETTER THAN.

Cables / Power

- AC Power adapter
- Power cable (2 m) or Higher
- USB cable (2 m) or Higher

MOUNT

- Designed for tabletop use

COMPATIBILITY AND CERTIFICATIONS

- Plug-and-play USB connectivity
- Compatible with BlueJeans, BroadSoft, GoToMeeting, Vidy, and any other video conferencing, recording, and broadcasting applications that support USB cameras.
- Compatible with latest Ubuntu O.S. as customized by the the eCommittee, Supreme Court of India with support.

Package Contents

- ConferenceCam base and attached USB cable
- Camera extender stem
- Webcam head
- Power cable
- Quick start guide
- Remote control

Warranty Information

5 years on site Comprehensive Warranty support with L1 support from bidder and L2 support from OEM

OEM

Original Equipment Manufacturer (OEM) Manufacturer or its authorized distributor/dealers with OEM (The vendor will submit original authorization certificate of OEM with ink signed and seal.)

Service Center

Must have / preferred Company Authorized Service Center in Capital City / High Court place



NOTE: ALL THE ABOVE SPECIFICATIONS SHOULD BE READ AS EQUIVALENT OR BETTER THAN.

2. DISPLAY SYSTEM

Size	43 Inches or more
Category	Smart/Semi Smart
Resolution(pixels)	3840 x 2160 (UHD)
Smart Features: Yes	Compatible to connect with Video Conferencing Systems Adaptive Sound, Instant On, Mobile to TV-Mirroring, DLNA, Remote Access, Wi-Fi Direct, App (Android, any other OS), On/Off Timer, Autorun Signage (App auto launch), App Pre-installed
Orientation	Landscape
Inputs	HDMI-3, USB-1, LAN-1, RF-1 or more,
Output	Optical Out or similar
Mount Type	Both Wall mount and Table mount, Height Adjustable
Blue tooth Audio	Yes
Screen Curvature	Flat
Type	Type 60 Hz E-LED BLU
HDR 10+	Yes
Typical Brightness	250 or Higher
Inbuilt Speakers Dolby Digital Plus	Yes
Wattage of Speakers	10Wx2
Power Consumption (Watts)	125 Maximum
Ports & Connectivity	
Number of HDMI Ports	3
Number of USB Ports	1 Minimum
Number of Ethernet Ports	1 (RJ45)
Details of accessories (included in the scope of supply)	AC Power cord, Remote Control, necessary cables and connectors, user manual, Batteries
Certificates	BIS, UL/EMC (Class B)
BIS Registration as per CRS of Meity	Yes
OEM	Original Equipment Manufacturer (OEM) Manufacturer or its authorized distributor/dealers with OEM (The vendor will submit original authorization certificate of OEM with ink signed and seal.)
Warranty	5 years Onsite Comprehensive Warranty support with L1 support from bidder and L2 support from OEM
Service Center	Must have / preferred Company Authorized Service Center in Capital City / High Court place

NOTE: ALL THE ABOVE SPECIFICATIONS SHOULD BE READ AS EQUIVALENT OR BETTER THAN.

HDMI Splitter	
Input	1
Output	4
HDMI cable length	10 mtr or higher (should support transmission of UHD quality video)
Stand for display monitor Specifications	
Stand for display monitor consisting of a fixed stand and an adjustable stand for height adjustment	
Fixed Stand -	Height: 5 feet diameter : 2 inches
Height Adjustable stand -	Height: 6 feet diameter : 1.5inches
Height of the stand should be adjustable to rise to a maximum of 8 feet from floor	
Base dimension :	1.5 feet x 1.5 feet
Rotation	Supports 360° rotation for screen
Made with good quality iron/steel	
Should be able to support weight for Display system of 43 inches or more.	
ALL THE ABOVE SPECIFICATIONS SHOULD BE READ AS EQUIVALENT OR BETTER.	

NOTE: ALL THE ABOVE SPECIFICATIONS SHOULD BE READ AS EQUIVALENT OR BETTER THAN.