

# **HIGH COURT OF UTTARAKHAND, NAINITAL**

## **ETENDER FOR SUPPLY, INSTALLATION AND COMMISSIONING OF DISPLAY MONITOR (LFD) WITH IN BUILT THIN CLIENT PC AND ACCESSORIES (PROFESSIONAL/COMMERCIAL/BUSINESS CATEGORY) FOR CASE INFORMATION DISPLAY SYSTEM**

E-tenders are invited for the supply & Installation of Display Monitors (LFD) with inbuilt Thin Client PC, central server, rack and online UPS, to be installed at various locations in the Hon'ble High Court of Uttarakhand with 5 years on site comprehensive warranty for displaying the progress of Court Room Matter Status, such as Court Number, Serial Number of the Current Case, List Type (Daily/Weekly) etc., and Messages from Courts through existing in-house web based application.

The last date of submission of E-Tender is 26/08/2019 till 03:00 PM. The details of Tender documents along with terms and condition of tender may be downloaded from "<http://uktenders.gov.in>" and on the official website of High Court of Uttarakhand i.e. "<http://www.highcourtofuttarakhand.gov.in>".

**Sd/-**

**Registrar General**

# **HIGH COURT OF UTTARAKHAND, NAINITAL**

## **ETENDER FOR SUPPLY, INSTALLATION AND COMMISSIONING OF DISPLAY MONITOR (LFD) WITH IN BUILT THIN CLIENT PC AND ACCESSORIES (PROFESSIONAL/COMMERCIAL/BUSINESS CATEGORY) FOR CASE INFORMATION DISPLAY SYSTEM**

E-tenders are invited for the supply & Installation of Display Monitors (LFD) with inbuilt Thin Client PC, central server, rack and online UPS having the specifications as given in Annexure 'B' to be installed at various locations in the Hon'ble High Court of Uttarakhand with 5 years on site comprehensive warranty for displaying the progress of Court Room Matter Status, such as Court Number, Serial Number of the Current Case, List Type (Daily/Weekly) etc. and Messages from Courts through existing in-house web based application developed in LINUX, PHP, PostgreSql.

The last date of submission of E-Tender is 26/08/2019 till 03:00 PM. The details of Tender documents along with terms and condition of tender may be downloaded from "<http://uktenders.gov.in>" and on the official website of High Court of Uttarakhand i.e. "<http://www.highcourtofuttarakhand.gov.in>".

The item description and tentative quantity presently required are as under:

<b>SN</b>	<b>Item Description</b>	<b>Quantity (approx.)</b>
<b>1</b>	Display Monitor 42" [(+) (-) 1-2 inch] (LFD) with inbuilt Thin client PC	12*
<b>2</b>	Display Monitor 55" [(+) (-) 1-2 inch] (LFD) with inbuilt Thin client PC	13*
<b>3</b>	Intermediate Server (Rack Mount)	1
<b>4</b>	42U Server Rack with 8 port KVM switch, 24 port managed switch and minimum 20" Monitor with sliding tray	1
<b>5</b>	Online UPS (5 KVA)	1
<b>6</b>	LAN Point	30*

\*The exact quantity of these items may vary at the time of finalizing the purchase order.

## **DATE/TIME SCHEDULE OF TENDER**

<b>SN</b>	<b>PARTICULARS</b>	<b>DATE</b>
1.	Date of release of tender	03/08/2019, 11:00 AM
2.	Document download start date	03/08/2019, 11:30 AM
3.	Bid submission start date	03/08/2019, 11:30 AM
4.	Bid submission end date	26/08/2019, 03:00 PM
5.	Date of Technical Bid opening	26/08/2019, 03:30 AM
6.	Date of Financial Bid opening	Will be intimated later

## **ELIGIBILITY CRITERIA**

- 1) Bidder should have at least 03 years of experience in sales, service and support of similar kind of service.
- 2) Bidders should have Annual Turn Over of minimum 50 lacs in each of last three financial years. Audited Balance Sheet copy to be attached as proof.
- 3) Bidders should have valid registration of GST, PAN No, ISO Certificate and should enclose copies of same.
- 4) Bidders should submit an Affidavit stating that they have not been blacklisted by any Govt. agency /PSU in India.
- 5) The successful bidders will have to supply all the items mentioned in the Tender Notice.
- 6) Letter of authorization from the manufacturer/parent company (OEM) for each proposed item is to be enclosed and the bidder must quote for reputed well known branded items. Local low quality items will not be considered.
- 7) The bidder is required to submit following original document/Copies in the office of Registrar (Computer), High Court of Uttarakhand:-
  - i. EMD/Bid security of INR 80,000/- (Eighty Thousand Only) in the form of CDR/FDR/Unconditional BG of any nationalized/scheduled/commercial bank duly pledged in the favour of Registrar General, High Court of Uttarakhand Nainital having validity of not less than three months.
  - ii. An undertaking (Self-certificate) that the bidder has not been blacklisted by a Central/State Government institution and there has been no litigation with

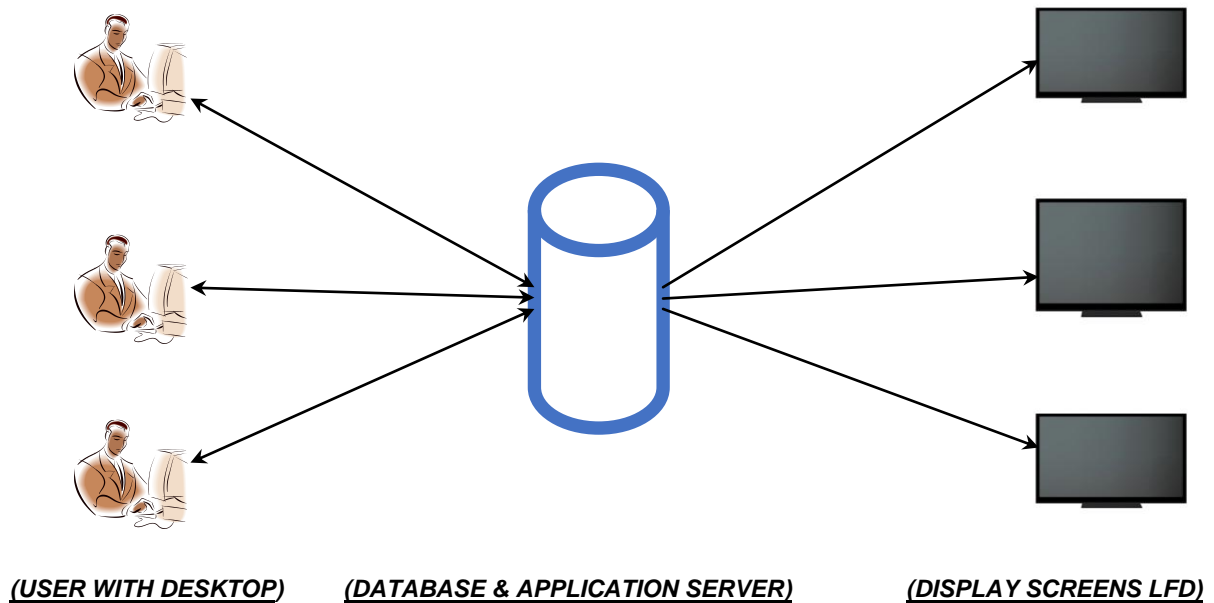
any government department on account of any issues/services. (To be uploaded in the company's letter head with seal and signature).

Above mentioned original documents are required to be submit either by registered post/courier services or by hand, on or before ....**/08/2019, 03:00 PM** or as per date extension notice given by High Court, failing which the bids will be declared non-responsive.

### **TERMS AND CONDITIONS/INSTRUCTIONS FOR ALL BIDDERS**

- 1) The complete bid document can be downloaded from e-procurement portal <http://uktenders.gov.in> and on the website <http://www.highcourtofuttarakhand.gov.in>.
- 2) The bid documents shall be available online on <http://uktenders.gov.in> w.e.f. 03/08/2019, 11:00 AM and the bids shall have to be submitted online on "http://uktenders.gov.in".
- 3) Tenders (only in the format decided by this office) are to be filled as per the conditions mentioned in the tender form and the bidders have to sign on the acceptance of conditions, otherwise bid will be rejected.
- 4) The tenders received without requisite earnest money (EMD) will be rejected out rightly.
- 5) Any amendment in the bidding document, at any time prior to the deadline for e-submission of bids, will be uploaded as corrigendum on <http://uktenders.gov.in>, such amendments modification shall be binding on all the prospective bidders.
- 6) The tender received beyond the scheduled date & time shall be summarily rejected.
- 7) The bidders are required to quote their rate in the proforma given for financial bid (BOQ) at as per the terms and conditions of this Tender.
- 8) All the columns of technical bid are compulsory.
- 9) The rates should be valid for a minimum period of 180 days.
- 10) The Display Monitors should be of professional/commercial/business category in LFD.
- 11) The Display Monitors with Inbuilt Thin Client PC will be used for signage application i.e. Case Information Display System (the web based application which has been already developed by IT department of High Court on LINUX, PHP, PostgreSql). A simple diagrammatic flow of said system is as under. The User (Court Staff) input running case sequence through Display Board Software (inhouse developed). The

said data stored in database of central server. Now the said data is required to be displayed through a web based software(in-house developed) into Display Screens (LFD).



<b>HIGH COURT OF UTTARAKHAND</b>			
<b>(Online Display Board)</b>			
<b>29-07-2019 10:45:05</b>			
<b>SN</b>	<b>Court</b>	<b>Case No.</b>	<b>Court Message</b>
1	CJ Court	D1	
2	Court No 1	D1	
3	Court No 2	D10	
4	Court No 3	D12	
5	Court No 4	D8	
6	Court No 5	D14	
7	Court No 6		
8	Court No 7	D24	
9	Court No 8	D11	
10	Court No 9		
11	Court No 10		

Note:- Court No.s which are not listed are currently not in session.  
Disclaimer :- There may be time gap in internet transmission. Exact status be confirmed at the concerned court.

**Output Screen of Software**

12) Vendor shall quote for the entire system, quoting in part will not be considered.

13) 42 inches Display Monitor and 55 inches Display Monitor with inbuilt Thin Client PC should be wall mounted in wall arm position or as directed by the competent Authority of Hon'ble Court.

- 14) The Hon'ble Court will deal with the Bidders directly and no middleman/commission agents etc. should be asked by the Bidders to represent their cause and such request(s) will not be entertained.
- 15) Blur, Over-writing, erasing or correction of the figures which render it doubtful or ambiguous is not allowed and shall render the quotes invalid.
- 16) The Hon'ble Court, in its discretion, reserves the right to reject or accept the quotes, partly or completely, at any time, without assigning any reason thereof.
- 17) The bids without confirmation of the original equipment manufacturing company regarding authorization to sell the product shall not be considered.

### **RESIDENT ENGINEER**

- 1) The bidder will be responsible for providing services of a resident engineer available on all working days or as per requirement of high Court. The tenure of service of aforesaid resident engineer may be increased or decreased as per requirement of Hon'ble Court.
- 2) The resident engineer will have to be available through working hours of the registry and will have to stay until a reported problem is solved.
- 3) Attendance of the resident engineer will be maintained by the registry. In absence of the said resident engineer, alternative arrangements will have to be made by the successful bidder.
- 4) The resident engineer will ensure timely switching on and switching off of the Display Monitors and connected devices. The resident engineer must carry required spare parts and accessories.
- 5) In addition to hardware support the resident engineer will also responsible for LAN IP setting and updating settings in the display monitor systems.
- 6) The bidder shall provide full detail of the person deputed as resident engineer along with police verification certificate.
- 7) The work executed by the bidder should be the satisfaction of concerned officer of registry. If same is not found satisfactory, the bidder will have to do the work again at its own cost.
- 8) The High court shall have no liability, financial or otherwise for the deputed resident engineer by firm.

## **TERMS & CONDITIONS OF THE SUCCESSFUL BIDDER**

- 1)** The items are required to be supplied and installed within 45 days of the receipt of Purchase Order and in case the supply & installation is not done within the stipulated time then the Hon'ble Court is free to take any action against the bidder.
- 2)** The items supplied will be inspected by an Inspection Committee of Hon'ble Court and in case the supply is not found in conformity with the approved specifications the same will be liable to be rejected and will be required to be replaced with the supply exactly commensurate with the approved specifications. The decision of the Hon'ble Court in this regard will be final, unassailable and binding on the supplier.
- 3)** The payment will be made only after the complete supply and installation as per approved specifications without payment of any advance amount.
- 4)** Complaints are required to be attended even on Sundays/ Holidays and before/after office hours also, as and when required during the 5 years of onsite Comprehensive warranty.
- 5)** The bidder should have sufficient infrastructure and qualified staff for actual execution of the work.
- 6)** If for some reason, it is not possible to carry out the necessary repair(s) at the place where the item is installed, prior permission in writing shall be taken before taking the item(s) to the workshop of the bidder. Standby Display Monitor shall be provided during such repair at workshop for which no extra payment will be made.
- 7)** The bidder shall maintain the equipment as per the manufacturer's guidelines and shall use only standard/compatible/ equivalent components for replacement. The original specification/ characteristics/ features of the item shall not be changed without prior intimation to the Hon'ble Court.
- 8)** The software to be used to display the content in the Display Units will be web based and provided by Hon'ble Court. The said application is already being used at Hon'ble Court. The successful bidder has to install it on the central server of display board system and make it functional as per requirement of Hon'ble Court. The said web based application has been developed in LINUX, PHP, PostgreSQL. High Court will only provide in-house Display Software to the successful bidder. It shall be responsibility of bidder to arrange all the prerequisites (hardware/software) for installation and execution of said application.

- 9) For outdoor locations, the display screen will be installed in such a manner as to protect the screen from rain fall, snow and direct sunlight. In case the screen is exposed to direct sunlight then the bidder shall made provision that the contents of the screen would be visible easily. Further, the specific position of the display screen at outdoor locations will be ascertained in such a manner that screen should be easily visible to the litigants, general public and Advocates. The bidder shall also responsible for making suitable covered boxes of glass/fibre etc to protect the LFD screens from monkeys, humidity etc, if required.
- 10) The bidder has to lay entire Ethernet Network & supported Electrical Network to be used for the Display Board. The Tenderer should quote the rates of LAN Points per point basis. While arriving as per point calculation, the Tenderer should include the cost of Cabling, Switches, Racks, Patch panel, Information Outlets, Patch Cords etc. The Tenderer may check the feasibility of providing wireless connectivity at these locations, in that case, the Display System should be wireless enabled. In case of wireless enabled communication, the tenderer should quote the rates according to wireless items. The tenderer has to install armored Optical Fiber Cable between the different buildings/ open area of High Court of Uttarakhand. Due to the heritage nature of building, the bidder shall maintain high level of craftsmanship while laying the LAN and installation of Monitors.
- 11) The bidder shall also install/make electricity connection (laying, wiring, power sockets with accessories etc.) in coordination with the electrician of High Court for all the devices being installed i.e. Display monitors, racks, switches etc. To avoid the situation of power failure, the bidder shall also install suitable capacity UPS with all the devices/equipment's of entire display system.

#### **PREVENTIVE MAINTENANCE:**

- 1) Quarterly Preventive Maintenance of all the hardware supplied by the successful bidder will have to be done by successful bidder.
- 2) Non-performance of the quarterly maintenance on time schedule will be treated as a pending complaint by the Hon'ble Court and will be dealt with accordingly for applicable penalties as given herein below.

#### **PENALTIES:**

- 1) In case complaints are not addressed within 2 hour and resolved within 48 hour, then a penalty of INR 200 per day will be imposed or the Performance Security



Deposit may be forfeited along with any other action as may be deemed appropriate by the Hon'ble Court .

- 2) In case the Hon'ble Court is forced to meet any expenditure because of the delay in addressing any exigency, the bidder will be liable to the loss which the Hon'ble Court may directly deduct from the Bill/Security Deposit.
- 3) Irrespective of the fact as to whether or not the Hon'ble Court gets the work/services done from outside, the Hon'ble Court may impose penalty of 500/- per day per complaint of single unit, the resolution of which is delayed, if delay is due to the willful latches or negligence of the bidder and it causes financial loss or inconvenience to the Hon'ble Court.

### **BID SUBMISSION**

The bidder shall have to submit online bids at <https://www.uktenders.gov.in>. The High Court of Uttarakhand will have all freedom and right in evaluation of bid.

### **BID EVALUATION:-**

The Bid Evaluation Committee (BEC) constituted by High Court, shall evaluate the bids. The decision of the evaluation committee in the evaluation of the bids shall be final. No correspondence will be entertained outside the process of negotiation/discussion with the committee.

### **AWARD OF CONTRACT**

- 1) **Award criteria:-**High Court will award the contract to the successful bidder, on the basis of bid evaluation and it will not be binding upon the High Court, to accept the lowest bid.
- 2) **Right to accept any bid and to reject any or all bids:-** High Court reserves the right to accept or reject or cancel any or all the bids at any time. High Court also reserves the right to cancel the entire bidding process at any time prior to award of contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders on the grounds for bidding authority's action. The decision of Registrar General, High Court of Uttarakhand shall be final and binding in this regard.

### **BID SECURITY (EMD – EARNEST MONEY DEPOSIT)**

- 1) The bidder shall furnish EMD/Bid security of Rs. 80,000/- (Eighty Thousand only) in the form of CDR/FDR/Unconditional BG of any nationalized/scheduled bank duly

pledged in the favour of Registrar General High Court of Uttarakhand Nainital having validity of not less than three months, shall be submitted.

- 2) The successful bidder's bid security will be discharged upon the award of work order and furnishing of the performance security.
- 3) The EMD of unsuccessful bidders will be returned as soon as possible.
- 4) No interest will be payable on the amount of the bid security.

### **PERFORMANCE SECURITY**

- 1) The successful bidder shall submit an unconditional and irrevocable performance security from a nationalized or scheduled bank acceptable to the tendering authority, payable on demand, for the due performance and fulfillment of the contract by the bidder at his own expense, within Seven (7) working days of the date of award of the contract.
- 2) The performance security shall be denominated in the currency of the contract and shall be in the form of a unconditional Bank Guarantee/FDR of any nationalized/scheduled bank duly pledged in the favour of Registrar General High Court of Uttarakhand Nainital.
- 3) This performance security will be for an amount equivalent to 10% of contract value. All charges whatsoever such as premium, commission etc. with respect to the performance bank guarantee shall be borne by the bidder.
- 4) The performance security shall be valid for six months after the deployment of project.
- 5) The performance security may be discharged/returned upon being satisfied that there has been due performance of the obligations of the bidder under the contract. However, no interest shall be payable on the performance security.
- 6) In the event of the bidder being unable to honour the contract for whatever reason, tendering authority would invoke the performance bank guarantee. Notwithstanding and without prejudice to any rights whatsoever of the High Court under the contract in the matter, the proceeds of the performance bank guarantee shall be payable to the High Court as compensation for any loss resulting from the bidder's failure to complete its obligations under the contract. The High Court shall notify the bidder in writing of the exercise of its right to receive such compensation within 14 days, indicating the contractual obligation(s) for which the bidder is in default.
- 7) Tendering authority shall also be entitled to make recoveries from the bidder's bills, performance bank guarantee or from any other amount due, the equivalent value of

any payment made due to inadvertence, error, collusion, misconstruction or misstatement.

**Annexure 'A'**

**Technical Bid Document**

**(To be filled by bidder with utmost care and clarity)**

<b><u>SNo.</u></b>	<b><u>Particulars</u></b>	<b><u>To be filled by the bidder</u></b>	
		<b><u>(Please mention page number at which the relevant document is annexed)</u></b>	
<b>1.</b>	Name of the firm		
<b>2.</b>	Details of EMD		
	<b>(i)</b> Amount:		
	<b>(ii)</b> Draft/BG/FDR No.:		
	<b>(iii)</b> Date:		
<b>(iv)</b> Issuing Bank:			
<b>3.</b>	Date of establishment of the firm		
<b>4.</b>	Office address of the firm with office telephone number, fax number and mobile number and name of the contact person		
<b>5.</b>	Bidders should have annual turnover of minimum 50 lacs in each of last three financial years. Audited Balance Sheet copy to be attached as proof.	<b>2018-2019</b>	
		<b>2017-2018</b>	
		<b>2016-2017</b>	
<b>6.</b>	PAN, Service Tax, GST, ISO certificate etc (copy to be enclosed).		
<b>7.</b>	Whether the firm is blacklisted by any Government Department or any criminal case is registered against the firm or its owner/partners anywhere in India (If no, an undertaking to this effect is to be attached in this regard.)		
<b>8.</b>	Length of experience in sales, service and support of similar kind of service (should not be less than 3		

	Years).	
9.	Letter of authorization from the manufacturer/parent company (OEM) for each proposed item (copies are to be enclosed)	
10.	Whether a copy of the terms and conditions duly signed, in token of acceptance of the same, is attached.	
11.	List of other clients.	
<b>(Signature)</b>		

**Note:** The bidder must fill the above 'annexure-A' completely in the given format. Failing which, the bid shall be liable to summarily rejected.

## Annexure 'B'

### SPECIFICATIONS

**(To be filled by bidder with utmost care and clarity)**

<u>SNO</u>	<u>Particulars</u>	<u>Specification</u>	<u>Compliance</u>
<b>Display Monitors with inbuilt thin client (42 Inch) [(+) (-) 1-2 inch]</b>			
<b>(The bidder must quote for reputed well known branded items. Local low quality items will not be considered)</b>			
1.	Make and Model No.	(exact details to be provided by the bidder with its official brochure)	
2.	Display Type & Technology	Backlit etc. Anti glare	
3.	Screen Size	42 inches [(+) (-) 1-2 inch]	
4.	Brightness	450 nits	
5.	Resolution	1920 X 1080 (FHD) or above	
6.	Viewing Angle	170 degrees or more horizontal and vertical	
7.	Orientation	Landscape	
8.	Color	16 M or more	
9.	Video Input/connectivity	HDMI, DVI-D, RGB, STEREO MINI JACK, USB(2) & VGA, HDMI with minimum 2 meter length cable, RJ45 (LAN)	
10.	Mounting	Wall- Arm Mountable through VESA Bracket Mounting Kit inclusive	
11.	Power Supply	100-250 V AC & 50/60 HZ, Power Cable included	
12.	Visibility	Must have optimum outdoor visibility	
13.	SMART Signage Platform Compliant	Yes	

14.	Processor	Industry standard 1.8 GHz or above with 2 MB Cache or more	
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.	Graphics	Integrated supporting 1920X1080 (FHD) resolution or better	
19.	USB Ports/connectivity	At least 2 USB ports ver 2.0/3.0, Gigabit Ethernet controller RJ45 (LAN)	
20.	USB Extension Cable	5 metre USB extension cable to be affixed on the wall in conduit with port available at 5 feet height from ground as per site requirement	
21.	Original Equipment Manufacturer (OEM) Product	OEM Manufacturer or its authorized Dealers with OEM Certificate only to bid	
22.	OS & Protocol Support	Windows 8 or 10/Linux/UBUNTU Embedded or better. RDP, ICA, Telnet, VMW ARE, VNC VIEWER	
23.	Warranty	5 years on site Comprehensive Warranty support	
<p><b>Display Monitors with inbuilt thin client (55 Inch) [(+) (-) 1-2 inch]</b></p> <p><b>(The bidder must quote for reputed well known branded items. Local low quality items will not be considered)</b></p>			
1.	Make and Model No.	(exact details to be provided by the bidder with its official brochure)	
2.	Display Type & Technology	Backlit etc. Anti glare	

3.	Screen Size	55 inches [(+) (-) 1-2 inch]	
4.	Brightness	450 nits	
5.	Resolution	1920 X 1080 (FHD) or above	
6.	Viewing Angle	170 degrees or more horizontal and vertical	
7.	Orientation	Landscape	
8.	Color	16 M or more	
9.	Video Input/connectivity	HDMI, DVI-D, RGB, STEREO MINI JACK, USB(2) & VGA, HDMI with minimum 2 meter length cable, RJ45 (LAN)	
10.	Mounting	Wall- Arm Mountable through VESA Bracket Mounting Kit inclusive	
11.	Power Supply	100-250 V AC & 50/60 HZ, Power Cable included	
12.	Visibility	Must have optimum outdoor visibility	
13.	SMART Signage Platform Compliant	Yes	
14.	Processor	Industry standard 1 GHz or above with 2 MB Cache or more	
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.	Graphics	Integrated supporting 1920X1080 (FHD) resolution or better	



19.	USB Ports/connectivity	At least 2 USB ports ver 2.0/3.0, Gigabit Ethernet controller RJ45 (LAN)	
20.	USB Extension Cable	5 metre USB extension cable to be affixed on the wall in conduit with port available at 5 feet height from ground as per site requirement	
21.	Original Equipment Manufacturer (OEM) Product	OEM Manufacturer or its authorized Dealers with OEM Certificate only to bid	
22.	OS & Protocol Support	Windows 8 or 10/Linux/UBUNTU Embedded or better. RDP, ICA, Telnet, VMW ARE, VNC VIEWER	
23.	Warranty	5 years on site Comprehensive Warranty support	
<b><u>Intermediate Server</u></b>			
1.	CPU	Intel Xeon, 8 core or higher , 2.1 Ghz or higher Processor with min 8 MB cache	
2.	Minimum No. of processors required	Minimum 2	
3.	Chipset	Intel series or better compatible with CPU	
4.	Memory	Minimum 64 GB RAM Expandable upto 512 GB or above ( Min 6 DIMM Slots)	
5.	Hard Drives Support	min 8 nos of SAS, SATA, nearline SAS, SSD	
6.	Storage Capacity	2 * 1.2 TB SAS 10K RPM Hot Plug	
7.	RAID controller	Minimum 2 ports SAS controller with minimum 1GB cache	
8.	I/O ports	Minimum 4 USB ports	
9.	Cabinet	RACK mountable 2U form factor	
10.	OS Support	Red Hat® Enterprise Linux, UBUNTU SERVER, Windows Server (UBUNTU OS will be provided by High Court and the bidder has to install and configure the	

		same along with in-house existing web application and made it functional)	
11.	Optical Drive	DVD Writer 8X or above	
12.	Network Controller	Dual Port 10Gbps or more FC Port	
13.	Power Supply	Redundant Hot Swap	
14.	Cooling	Redundant Hot Swappable fans	
15.	Regulatory Certificate	FCC, CE & RoHS Certification	
16.	Remote Management	Should be provided along with server, should support Virtual media, Virtual Console	
17.	Availability	ECC memory, hot-plug hard drives, hot-plug redundant cooling, hot-plug redundant power, tool less chassis, support for high availability clustering and virtualization, proactive systems management alerts	
18.	Warranty	Minimum 5 Years Onsite warranty	
<b><u>42U Server Rack</u></b>			
1.	Size	42U	
2.	Color	Powder Coated	
3.	Socket /FAN	6 PDU Sockets with 2 Nos. Of FAN	
4.	Accessories	8 port KVM switch, 8 port managed switch and min 20" Monitor with sliding tray	
5.	Warranty	Minimum 5 Years Onsite warranty	
<b><u>Online UPS</u></b>			
1.	Rating	5 KVA	
2.	Type	Online UPS	
3.	Backup	Min 45 minute	
4.	Warranty	Minimum 5 Years Onsite warranty	
<b><u>LAN</u></b>			
1.	Number of I/O Ports	30	
2.	The bidder shall use latest technology Cables (OFC, CAT6 or above), Managed Switches, Racks, Patch panel, Information		

	Outlets, Patch Cords etc		
3.	Warranty	Industry standard warranty of LAN	

**Note:**

- 1) All the parameters given above should be read as 'the same or above'.
- 2) The bidder must quote for reputed well known branded items. Local low quality items will not be considered.
- 3) Since the Display Systems are being installed for information display, therefore the visibility of contents shall be optimum. Failing which the High Court have rights to cancel the work order and impose penalties.

**Annexure 'C'**

**Financial Bid (BOQ)**

<b><u>SNO</u></b>	<b><u>Item Name</u></b>	<b><u>Price per unit/node</u></b> <b><u>(inclusive of all taxes)</u></b>	<b><u>Tentative</u></b> <b><u>Units</u></b>	<b><u>Total Cost</u></b> <b><u>(inclusive of all</u></b> <b><u>taxes)</u></b>
1	Display Monitor 43" [(+) (-) 1-2 inch] With inbuilt Thin Client PC		12	
2	Display Monitor 55" [(+) (-) 1-2 inch] with inbuilt Thin Client PC		13	
3	Intermediate Server		1	
4	42U Server Rack with 8 port KVM switch, 24 port managed switch and min 20" Monitor with sliding tray		1	
5	Online UPS 5 KVA		1	
6	LAN work (Price per node shall be inclusive of cost of switches, cable, OFC etc)		30	
7	Resident Manpower		1	
<b>Total Cost (Inclusive of all taxes)</b>				

**Note:-** The above cost shall inclusive of all taxes and the bidder has to supply, install, commission and made the display boards functional as per requirement of Hon'ble Court. No other cost will be given to bidder for implementation of above tasks.

**+++++**