
	PRASAR BHARTI (INDIA'S PUBLIC SERVICE BROADCASTER) OFFICE OF THE EXECUTIVE ENGINEER (ELECT) CIVIL CONSTRUCTION WING: ALL INDIA RADIO	
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EE (E)/CCW/MUM/NIQ/2022-23/001

Date 13/05/2022

NOTICE INVITING QUOTATION (SPOT)

The Sealed Item rate quotations (SPOT) in 3 (Three) envelopes system are hereby invited by the Executive Engineer (Elect.), CCW: AIR: Mumbai on behalf of the PRESIDENT OF INDIA for the following items of work of Video wall from dealers/OEM system integrators, contractors registered with CPWD and those on appropriate list of BSNL, MES, Railways, Department of Post and Maharashtra State PWD in the appropriate class for the work. The quotations will be received up to **14:30 Hrs. of 17/05/2022**. The undersigned reserves the right to reject any or all the quotations without assigning any reasons

Name of Work: Supply, Installation, Testing and Commissioning of VIDEO WALL at PH-I building fascia at Films Division Mumbai

Sr. No.	Description	Qty	Unit	Rate	Amount
AS PER SHEET ATTCHED					
				Total	

Conditions:

1. No advance payment will be made.
2. The rates should be inclusive of all Taxes and duties and nothing extra will be paid on this account.
3. The time limit for the work is 10 (Ten) Days.
4. Work is to be done as per relevant CPWD specifications and attached conditions and specifications.
5. The quotations shall be supported with Performance Guarantee of Rs.90, 000=00 in the form of Demand Draft/ FDR drawn in favor of The Executive Engineer (E), CCW AIR Mumbai, which will be released after satisfactory completion of work by the successful bidder.
6. Security deposit will be recovered @ 2.5% of the work done value from the bill and will be released after completion of defect liability period.
7. The quotations including Check list duly filled up and signed should be submitted in sealed envelopes, with envelope-1 containing Price Bid. Envelope-2 will contain the PG and these two envelopes shall be placed in 3rd Envelope super scribing with Name of Work and submitted to EE (E), Mumbai by due Date and Time. Envelope containing Performance Guarantee will be opened first. If it is found in order, Envelope containing Price Bid will be opened thereafter.

**Executive Engineer (E)
CCW, AIR, Mumbai**

To,

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Copy to:

1. The Director General, Films Division Mumbai for information
2. The Chief Engineer, CCW AIR New Delhi for favor of information.
3. The Superintending Engineer (E), CCW AIR Nagpur for favor of information.
4. The Superintending Engineer (C), CCW AIR Mumbai for favor of information.
5. The Executive Engineer (C), CCW AIR Mumbai for favor of information
6. The Assistant Engineer (Elect.), CCW, AIR, Mumbai/Pune
7. The AAO, CCW (E), AIR, Mumbai.
8. AE (E) P, CCW, AIR, FD/NBH/NFAI/FTII, Mumbai/Pune.
9. Spare copies/ Notice board/Office file/webupdates.pbns@gmail.com for uploading on Prasar Bharati Web site.

Executive Engineer (E)

Check list for documents to be submitted along with the Quotation in 3 Envelopes duly super scribed.	
1	Bid document signed & stamped on each page
2	Performance Guarantee of ₹ 90,000=00
3	Complete BOQ mentioning the Part-codes of the equipment's along with the product brochure
4	A duly attested photo copy of the Firm GST certificate
5	Any other information that the bidder may like to submit in support of his capabilities and performance etc only.
6	Undertaking to the effect that the material is readily available with us (firm) or can be supplied within 05 (Five) days after the order is placed on us.

NOTE-

The successful bidder, hereinafter referred to as System Integrator (SI), shall provide quality & timely services to CCW AIR/ Films Division. All the activities performed by the SI during different phases/ stages of the project shall be closely monitored by CCW AIR/ Films Division. The bidders are strongly advised to carefully read the Scope of work

SCOPE OF WORK:

Supply, install and maintain outdoor LED Video Walls at the designated place in Films Division Campus, and provide maintenance of the solution and services. The primary requirement is the setting up of a display wall with panels with controller unit. At a minimum this shall include the following:

- LED Flat Panel Display Unit for Video Wall.
- Video Wall Management System with all necessary Software & Hardware.
- All connected civil works including mounting structure for installation of Video Walls.

The broad scope of work for the SI during the period of contract/ engagement would include the following two phases: -

- Phase-I: Supply, Installation, Testing & Commissioning of the system.
- Phase-II: Maintenance & Support Services (Support Services for supplied items) during maintenance & warranty / support period)

The detailed scope of work for the SI during the period of contract/ engagement would include but not limited to the following:-

1) PHASE-I:

1. SUPPLY & INSTALLATION

- a) The Supply, Installation, Testing & Commissioning phase would commence from the Date of Work Order.
- b) SI shall ensure that all the supplied items are properly fixed as per Indian Standards applicable. SI shall be responsible for any mishappenings, casualty, damage, loss of lives, goods and shall get the Video wall repaired & re-installed in its original working condition.
- c) The hardware should be supplied with all the required installation material/ accessories (wherever required) for proper installation at respective site.
- d) Purchaser shall provide three phase electrical power connection at single point of supply near to the Video Wall, beyond which SI shall be responsible for all electric connection/ distribution including cabling & its casing/ laying/ trenching etc.
- e) The software supplied should be of genuine OEM license.
- f) The SI shall be responsible to provide any other material required for successful commissioning of the Video Walls.
- g) CCW AIR, upon receipt of delivery Challan of all the ordered items as per prescribed time schedule, may inspect the supplied items during the respective delivery to validate them in compliance with the work order.
- h) Upon successful installation (wherever applicable) of all the supplied Hardware/ Software, the SI shall submit installation reports (in original) duly verified by the respective person from CCW AIR.

FEATURES REQUIRED

- The content on the video wall should be centrally managed as well as should have provision of locally management of the same.
- The Video Wall display unit should be capable of auto power (electric) On/Off on the pre-defined time slots.
- The proposed solution should be capable of managing the content of one/all/group of sites.
- The offered video wall should be suitable for Outdoor applications with IP65 Front/ IP54 Back compliance.
- The offered led video wall should have brightness control.

TERMS AND CONDITIONS

1. The rates should be inclusive of packing, forwarding, freight, insurance charges etc. These charges will not be payable against such vague statement as "packing, forwarding, freight and insurance charges etc. at extra". Quotations with conditional rebate or any other conditions etc. will be summarily rejected.
2. Quotations without Performance Guarantee will not be accepted.
3. The offer/rates must be valid for a period of at least 3 weeks from the date of opening of Quotation.
4. In case, the supplier/contractor fails to execute the work on the rates, terms and conditions as contained in the work order within the stipulated period, they shall be liable to such action as blacklisting, debarring from having any business with CCW AIR/Films Division, forfeiture of performance guarantee, besides any other action as may be deemed proper by the CCW AIR.
5. The acceptance of the material shall be subject to satisfactory report of the Engineer-in-Charge in good working condition.
6. The bid should be submitted only if the material is readily available in bidder's stock or can be supplied within 05 days after the order is placed. Undertaking to this effect should be submitted along with the Quotation.
7. The Warranty of equipment's will start from the day of handover of the installation to CCW AIR.
8. The Solution should be readily integrable with thirds party solutions such as NMS.
9. All the prices quoted shall be in Indian Rupees
10. Any additional item/equipment/systems/software/hardware/license required for successful completion of the Work, which are not specifically indicated in the Price bid, shall be deemed to be included in the bid and no additional cost shall be paid by CCW AIR for such items.
11. All the quantities mentioned in the price bid are estimated for evaluation purpose; however, payment shall be made on actual quantity executed.
12. All the systems/equipment offered shall be quoted with 1 year's comprehensive onsite warranty.
13. The work is time bound and needs to be completed within the time limit. Penalty @ ₹ 7500/- per day is liable to be imposed for the delay in case the work is not executed within time.
14. The work will be executed as per applicable CPWD Specifications.

Executive Engineer (E)
CCW, AIR, Mumbai

Schedule of work

Branch: E & M
State: Maharashtra

Division: Mumbai
Sub Division: Mumbai

Name of Work: Supply, Installation, Testing and Commissioning of VIDEO WALL at PH-I building fascia at Films Division Mumbai

Item No	Description Of The Item	Quantity	Unit	Rate	Amount
A	LED VIDEO WALL				
1	Supply Installation Testing Commissioning and Training of Customised Outdoor Back Maintenance LED Video Wall with Protection Level- IP 65 Grade of size 18 feet x 14 feet (Approx.), with Horizontal viewing angle 140 degree or better, Vertical Viewing Angle should be 120 degree or better and having Pixel Pitch 4 mm or less Brightness > 5500- 6000 Nit or more, Life Span at 50% brightness-100000 Hrs. or more, along with necessary MS Base frame, fabricated for mounting of LED wall and ACP sheet cladding, including making necessary mounting arrangement on wall/ ground with all connected Civil Works, providing all necessary cabling and providing the suitable LED VIDEO WALL PROCESSOR along with MEDIA PLAYER, work station complete with supporting all file formats, LAN and WAN networking support and One year comprehensive Onsite warranty etc. as required. (Items as per acceptable make list)	1	Job		
	Total				

CONTRCATOR

Executive Engineer (E)
CCW, AIR, Mumbai

ACCEPTABLE MAKES LIST

Sr. No.	Description	Make
1	Led Video wall	Xtreme Media/ Samsung/ Christie/Barco/Vision Display/HINLED
2	Workstation with Required Software	HP/Dell/Lenovo
3	Media Player	Intel/ HP/ Xtreme Media or as per recommendation of OEM of Video wall
4	Led Video wall Processor	RGBlink, Novastar, Kramer or as per standard OEM of Video wall
5	HDMI to DVI Cable or Converter	Kramer , Extron , Creston or as per standard OEM of Video wall
6	MS Structure For Video walls	Custom Built

ANNEXURE – A (TECHNICAL SPECIFICATIONS)**LED VIDEOWALL**

Sr. No.	Description	Requirement
1	Pixel pitch	4 mm or better
2	Size of the video wall	W 18.84 x H 12.56 ft.
3	Pixel density	62500 pixels/m2
4	LED type	SMD
5	Brightness	more than or equal to 5500 cd/m2
6	Horizontal viewing angle	140 degree or better
7	Vertical Viewing Angle	120 degree or better
8	Max Power/sq.m	Preferably 700 Watts or Less
9	Input Voltage	100-240V AC, 50/60Hz
10	Ingress Protection	IP 65 (Front) IP 65 (Back) or better
11	Service access	Back side
12	Temperature Range	0° to 50°C or better
13	Humidity	10 to 90% or better
14	Data Processing	up to 16 bit or better
15	Refresh rate	1900 Hz or better
16	Signal Input	DVI or better
17	Supported File formats	JPEG, MPEG, BMP, SWF, GIF, DAT
18	Supported Networking	through LAN/WAN
19	Should support nova control system or better	
20	Should include necessary mounting structure required to support the video wall and enclosure to protect from extreme weather conditions, should be supplied with PDU Controller for time base brightness control & On/off control	
21	Approved Makes for LED: Nichia/ Cree / Nationstar or as per OEM Standards	
22	CE /FCC/ BIS certification as applicable	

LED VIDEO WALL PROCESSOR

Sr. No.	Description
1	Should have inputs 1 DVI/Dual DVI, 1 VGA, 1 display port, 1 HDMI with loop or better
2	Should have optional module of 3 slots to choose any HDMI, DVI, VGA, CVBS, 3G-SDI, USB, audio management inputs or better
3	Should have outputs 1 display port, 2 DVI, optional module for audio or better
4	Should have LAN TCP/IP port or better
5	Should have USB 2.0 or better
6	Should have Wi-Fi as optional module or better
7	Latency should be up to 2 frames or better
8	Should support input resolution for HDMI from 800x600 up to 3840 x 2160 or better
9	Should support input resolution for DP from 800x600 up to 3840 x 2160 or better
10	Should support input resolution for SDI from 480i up to 1080psf or better
11	Should support output resolution from 800x600 up to 3840 x 2160 or better

HDMI TO DVI PATCH CABLE

Sr. No.	Description
1	Moulded HDMI to DVI Patch cable of required length
2	Quality Construction - HDMI to DVI Single Link (18+1 pin) cable.

STRUCTURE

Sr. No.	Description
1	Structure to Mount the LED modules with catwalk for maintenance with lockable housing for media player, LED Controller, anchoring the structure to wall/ on ground with the base of the LED display at 12 feet above the ground as per site condition.
2	Proposed solution should be capable of auto power On/Off on pre-defined time slots
3	Appropriate Concrete Base RCC Foundation, if required.

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