



**National Board of Accreditation**  
4<sup>th</sup> Floor, NBCC Place, East Tower, Pragati Vihar,  
Bhisham Pitamah Marg, New Delhi-110003  
Phone No: 011-24360620-22, Telefax: +91 11 43084903  
Website: www.nbaind.org

**Notice Inviting Tender**

**Audio-Visual Equipment, Interactive Display and  
Conference System for Meeting Room**

Sl. No.	BID-DATA SHEET	
1.	Tender Number	No. 4-5/AV & Conf/2019-20/NBA/
2.	Estimated Cost of Tender	Rs. 20.00 Lakhs
3.	Bid validity	60 days
4.	Tender Document Delivery Mode	Through Speed Post / Registered Post/ Courier or In Person
5.	Bid security/ Earnest Money Deposit (EMD)	Rs. 1.00 lakhs
6.	Date of Issue	15 <sup>th</sup> July, 2019
7.	Bid Submission Date	22 <sup>nd</sup> July, 2019 at 15.30 Hrs.
8.	Bid Opening Date	22 <sup>nd</sup> July, 2019 at 16.00 Hrs.
9.	Contact Person	For Queries: Dr. Jagdish Arora, Advisor Email: <a href="mailto:advisor@nbaind.org">advisor@nbaind.org</a> ; jarora42@gmail.com Tel: 011 24369651 (During office hours 9.30 am to 5.30 pm (Mon-Fri))
10.	Contact Address	National Board of Accreditation 4 <sup>th</sup> Floor, NBCC Place, East Tower, Pragati Vihar, Bhisham Pitamah Marg, New Delhi – 110003

The National Board of Accreditation (NBA) invites sealed limited tenders for AV & Conference system of its Meeting Room measuring 34 x21 sq. ft. from experienced agencies who have either completed similar types of work in Ministries/ Departments/ Central Government Organizations / CPSUs in the past. Terms and conditions, formats for Technical Bid and Financial Bids are given in the tender document.

1. Bidders are required to submit their tenders in prescribed format along with a Demand Draft of Rs. 1.0 lakhs (Rupees One Lakh only) favouring “**National Board of Accreditation**” payable at **New Delhi** as EMD in separate sealed envelope superscribing on it “**Audio-Visual Equipment, Interactive Display and Conference System for Meeting Room**” so as to reach **Member Secretary, National Board of Accreditation, 4<sup>th</sup> Floor, NBCC Place, East Tower, Pragati Vihar, Bhisham Pitamah Marg, New Delhi-110003** on or before 22<sup>nd</sup> July, 2019 by 15.30 Hours.
2. Bidders are expected to examine all instructions, forms, terms & conditions, and specifications in the bidding document. Failure to furnish all information prescribed in the

bidding documents or submission of bids not substantially responsive to the bidding documents in every respect may result in the rejection of the bid.

3. The annual turnover of the agency applying to undertake the work shall not be less than Rs. 100.00 lakhs during the last three financial years, of which not less than Rs. 20.0 lakh shall be for similar activities.
4. **Scope and Specifications of Work:** The scope and specifications of work to be completed by the agency engaged for this purpose is given in **Annexure I. “Audio-Visual Equipment, Interactive Display and Conference System for Meeting Room”** shall strictly conform to the specifications given in **Annexure I**.
5. **Technical Criteria:** The NBA has defined Technical Criteria mentioned in Annexure T-I for the bidders. Bidders, their products and services should meet these technical criteria. The bidders fulfilling these technical criteria **must enclose photocopies of supporting document(s) including Manufacturers Authorization Form (MAF) along with their bids**, failing which their bids will be summarily rejected without any scope of consideration.
6. The format for providing financial bid, to be furnished on the official letter-head of the agency under signatures with the seal in the format given at **Annexure- F-I**.
7. **Submission of Bid:** The Notice Inviting Tender (NIT) is being issued under two bids system, i.e. Technical Bid (Annexure- T-I) & Financial Bid (Annexure-F-I). The interested bidders are required to submit two separate sealed envelopes super scribing as mentioned below:
  - 7.1. Envelope No.1- **“Technical Bid”** (Annexure- T-I):“Technical Bid” shall contain all the information and documents in the same serial order as mentioned in the Annexure–T-I. The complete document should be numbered chronologically. Super-scribed **“Technical Bid for Audio-Visual Equipment, Interactive Display and Conference System for Meeting Room”** on the top of envelope. This envelope shall also contain the bid EMD of Rs. One lakh only (Rs. One Lakh only).
  - 7.2. Envelope No. 2 **“Financial Bid”** (Annexure F-I): **Financial Bid** shall contain financial bid of the agency in the prescribed format (Annexure F-I) and signed and stamped. Super-scribed **“Financial Bid for Audio-Visual Equipment, Interactive Display and Conference System for Meeting Room”** on the top of envelope.
  - 7.3. **Bid Submission:** All envelopes shall indicate the name and address of the bidder to enable the bid to be returned, if required. If any envelope is not sealed and marked as required, the NBA will assume no responsibility for the bid’s displacement or premature opening. Both envelopes shall be sealed in third envelope of bigger size with superscription **“Audio-Visual Equipment, Interactive Display and Conference System for Meeting Room”** with date and time of submission and addressed to **Member Secretary, National Board of Accreditation, 4<sup>th</sup> Floor, NBCC Place, East Tower, Pragati Vihar, Bhisham Pitamah Marg, New Delhi-110003 on or before 22<sup>nd</sup> July, 2019 before 15:00 Hrs.**

8. No change in the amount of bid shall be permitted after submission of the bids. All the documents shall be duly signed and stamped by authorized person of agency. Sealed Bids should be either dropped in the Tender Box placed at the Reception of NBA or sent by registered post at the address of NBA given above. Late tenders will not be considered. No responsibility will be taken for postal delay or non -receipt of Bid documents. Unsealed bids sent by FAX or e-mail, will not be considered.
9. **Presentation of the Concept:** The Bidder or his duly authorized representative would be required to make a presentation after the opening of technical bids, before the Committee constituted by the competent Authority to complete the process. Presentation by bidder would be an important component for technical qualification of bidders.
10. **Financial Bids:** The financial bid of only those bidders will be opened whose bids have been found eligible as per the terms mentioned in the Technical Bid (Annexure T-I). All eligibility conditions have to be satisfied on the respective dates in such condition and not on a later date. The bidder shall bear all costs associated with the preparation and submission of the bid and NBA shall in no case be responsible for those costs, regardless of the conduct or outcome of the bidding process.
11. The financial bids of selected agencies would be opened in the presence of bidders or their representatives. The rates and important commercial / technical clauses quoted by selected bidders will be read out in the presence of the representative of all the bidders. The date of opening of the technical bids/ financial bids will not be postponed due to the non-presence of any bidder or his authorised representative.
12. **Rejection of Bids:** Canvassing by the bidder in any form, unsolicited letter and post tender correction, unsigned bids shall be summarily rejected and may lead to forfeiture of EMD. Conditional tenders will also be rejected.
13. **Validity of Bids:** The prices quoted in the Bids should remain valid for 60 days from the last date of submission of the Bids.
14. **Earnest of the Bids:** Bidders are required to submit earnest money deposit for amount of Rs. one lakh only along with their bids. However, firms registered with MSME/NSIC are exempted from depositing the EMD as per the provision of GFR 170 (i). The EMD may be submitted in the form of demand draft payable at New Delhi from any of the public sector banks. EMD of the unsuccessful bidders will be returned to them latest on or before the 30<sup>th</sup> day after the award of the contract. The bid security of the successful bidders would be returned, without any interest whatsoever, after successful completion of refurbishment works. Alternatively, the successful bidder will have to deposit a Performance Security Deposit as mentioned at 15 below. Quotation without earnest money will be rejected as non – participative.
15. **GST and Duties:** Price shall be inclusive of cost of product, GST, duties, labour charges, levies and all cartage charges. No escalation whatsoever shall be payable. The bidders / supplier will be entirely responsible for all charges and levies payable by him to the respective authorities.
16. **Performance Security Deposit:** The successful bidder will have to deposit a Performance Security Deposit of 5% of the total amount of work order within two (2)

weeks of the receipt of the LOI/Order. The Performance Security Deposit may be furnished in the form of Demand draft/Banker's Cheque of any scheduled bank drawn in favour of "**National Board of Accreditation**" payable at New Delhi. Bid security shall be refunded to the successful bidder on receipt of performance security. The performance security is to be renewed, if the contract is extended.

17. **Warranty/ Guarantee:** The period of Warranty / Guarantee of the SITC works shall be for three years and need to be clearly specified. Charges if any, for the same shall also be specified in Financial Bid. The Warranty / Guarantee will commence from the date of final handing over of the Meeting Room after successful completion of work to the satisfaction of NBA.
18. **Terms of Work Order:** The successful bidder will have to complete the SITC of Equipment works within 30 days from the date of conclusion of the contract or signing of work order unless the period is extended by mutual agreement. The material used for the SITC works must be in brand new condition. Old / damaged material will not be acceptable. It will be returned to the agency for replacement on his / her own expenses.
19. **Liquidated Damages:** The SITC works mentioned at Annexure - I shall be completed within the time schedule as mentioned above to be calculated from the date of supply order/ award letter failing which the agency engage for this purpose shall be liable to pay liquidated damages as compensation for an amount equal to 0.25% or such smaller amount as authorities at NBA may decide on the said bid price of the whole work for every day delay but not exceeding 10% on the total value of the order.
20. **Terms of Payments:** Terms of payment would be as follows:
  - a) Advance payment will be not be made in any case;
  - b) The invoice shall be raised in favour of Member Secretary, National Board of Accreditation, New Delhi;
  - c) Payment will be released through bank transfer (RTGS / NEFT) after successful completion of SITC works of the Meeting Room; and
  - d) Payment shall not be more than contractual value as given in the award letter.
21. **Termination of Contract:** The NBA shall have the right to terminate this contract in part or in full in any of the following cases if:
  - a) The work is delayed for causes not attributable to natural calamity for more than 15 days after the schedule date of work order;
  - b) The bidder is declared bankrupt or becomes insolvent; and
  - c) For any other reason, which in the opinion of NBA, warrants cancellation of contract award.
22. **Indemnity Bond:** The agency engaged for this purpose shall indemnify NBA from:

- a) Any third party claim, civil or criminal complaints/ liabilities, site mishaps, fire Hazards & other accidents including death of any person or dispute and or damages occurring, or arising out of any mishaps at site due to his employee / representative's fault or negligence.
- b) All claims, demand, action, proceedings, losses, damages, liabilities, cost, charges, expenses or obligation that are occasioned to or may occasion to you as a result of non-payment of any statutory dues levied / Taxes e.g. leviable on the agency or the agency committing breach of any rules, regulations, orders, directives, instructions that may be issued by any authority under the Central Government /State Govt. or any statute or law for the time being in force.

23. NBA reserves the right to cancel/reject any/all the tenders without assigning any reasons(s).

<b>Audio-Visual Equipment, Interactive Display and Conference System for Meeting Room: Specifications of Equipment</b>			
<b>Sl. No.</b>	<b>Specification</b>	<b>Qty</b>	<b>Make / Model</b>
1	SITC of Wireless digital Gooseneck Microphone with 18 or more channel, RF output 80mW or more, cardioid pickup pattern, Frequency range : 1880 to 1930 MHz, Connectivity : RJ-45, Battery backup : 16 or more hr, battery should be rechargeable and have both the options (Mini / Micro USB & wireless charging station) to charge, AF frequency response 20 to 20,000 Hz, Dynamic range > 120 dB(A), THD (1 kHz) typ. 0.1 %, Audio sampling 24 bit/48 kHz, Signal-to-noise ratio > 90 dB(A), Encryption AES 256 etc and complete as required.	1	Either of the brands required Sennheiser, Gonsin or Shure
2	SITC of Wireless digital boundary layer Microphone with 18 or more channel, RF output 80mW or more, cardioid pickup pattern, Frequency range : 1880 to 1930 MHz, Connectivity : RJ-45, Battery backup : 16 or more hr, battery should be rechargeable and have both the options (Mini / Micro USB & wireless charging station) to charge, AF frequency response 20 to 20,000 Hz, Dynamic range > 120 dB(A), THD (1 kHz) typ. 0.1 %, Audio sampling 24 bit/48 kHz, Signal-to-noise ratio > 90 dB(A), Encryption AES 256 etc and complete as required.	4	Either of the brands required Sennheiser, Gonsin or Shure
3	SITC of Wireless microphone charging dock station from the same make of microphone	3	Either of the brands required Sennheiser, Gonsin or Shure
4	SITC of Audio DSP, 12 mic/line inputs and 8 outputs, Twelve channels of AEC - acoustic echo cancellation, USB Audio interface, providing up to four channels of digital audio sends and returns, 8 phantom power inputs, Advanced audio processing on all eight analog outputs, Studio grade 24-bit/48 kHz analog-to-digital and digital-to-analog converters	1	Either of the brands required Extron, Clearone or Biamp
5	SITC of Wireless lapel microphone set, True diversity receiver with metal housing, Automatic frequency management and synchronization via remote channel for easy setup, Up to 12 compatible channels, omnidirectional microphone, Switching bandwidth up to 24 MHz, Squelch switchable from 3 dB $\mu$ V to 28 dB $\mu$ V (via Pilot Tone)	1	Either of the brands required Sennheiser, Revolabs or Shure
6	SITC of 86" 4K Interactive Flat Panel; Floating Pen - Annotation on Demand; Built-in ARM Quad-core CPU with 16GB Storage LCD PANEL Panel Size: 86" Type/ Tech: TFT LCD Module with DLED Backlight; Display Area (mm): 1895.04 (H) x 1065.96 (V) (85.6" diagonal) Aspect Ratio: 16:09; Resolution: 3840 x 2160 Colors: 1.07B colors (10bit); Brightness: 350 nits (typ.) 300 nits (min.) Contrast Ratio: 1200:1 (typ.); Response Time: 8 ms Viewing Angles: H = 178, V = 178 (typ.); Backlight: DLED Backlight Life: 30,000 Hours Min.; Hardness: 7H. <b>TOUCH:</b> Type/ Tech: IR Recognition Touch Resolution: 32767 x 32767; System: Windows 10 / Windows 8 / Windows 7 / Windows XP / Vista / Linux / Mac / Android / Wince / Chrome; Life Time: 80,000hrs <b>INPUT:</b> HDMI: x 3; RGB / VGA: x 1; DisplayPort: x 1; Audio: x 1; CVBS (AV): x 1; RS232: x 1; PC Slot: x 2	1	Either of the brands required Sharp, Panasonic or Viewsonic

7	SITC of Wireless connection to central screen 1 user on-screen Share from laptop, tablet or smartphone HDMI output Delivered with 1 Button Sharing as a basic need Anyone. Users simply plug a USB-powered device. Firmware version 1.7 installed on your Base Unit. Operating system Windows 7/8/8.1/10 32 & 64 bit macOS 10.12/10.13/10.14 (Mojave) Android v7; v8 & 8.1 iOS 10; 11 &12, Frequency band 2.4 GHZ and 5 GHZ	1	Either of the brand required Kramer, Extron or Barco
8	SITC of Optional Dongle Intuitive meeting collaboration from huddle to boardroom • Hassle-free content sharing • Share via the USB Button or Desktop App • Integration into the company network • Collaborate using annotation, blackboarding and touch back features • Secure and certified, Number of simultaneous connections 8, Authentication protocol WPA2-PSK in stand alone mode	1	Either of the brand required Kramer, Extron or Barco
9	SITC of two channel stereo Sound Stereo Receiver Advanced Features • 75W x 2 high power output • 40-station AM/FM random access preset tuning • Speaker A, B • Subwoofer Out • Rec Out selector • Power management (Auto power off) • Preset remote control • Dimensions (W x H x D): 17-1/8" x 6" x 15-1/4"	1	Either of the brands required Yamaha, Apart or Extron
10	SITC of wall mount speakers 75 watts Surface Mount Speaker 5.25" cone woofer with a 0.75" soft dome tweeter. Highly adaptable surface mount speakers	4	Either of the brands required Yamaha, Apart or Extron
11	SITC of 4MP Full HD WDR Network IR Vandal Dome Camera 1/3" 4 Megapixel progressive scan CMOS 2.7~13.5mm Motorized lens H.265 & H.264 dual-stream encoding Max 20fps@4MP(2688×1520) & 25/30fps@3MP(2340 X 1296) WDR(120dB), Day/Night(ICR), 3D-DNR, ROI, AWB, AGC, BLC, HLC Multiple network monitoring: Web viewer, CMS(PVMS) & Smart Phone(PMOB) Max. IR LEDs Length 50m Ip67, IK10, PoE Micro SD Card up to 128GB ( software compatible with above interactive touch panel )	2	Either of the brand required Panasonic, Bosch or Canon
12	SITC of Slot-In PC Module This slot-in PC module easily plugs into compatible displays and supports high-definition audio and video. With wireless Wi-Fi dual band and Bluetooth support, Intel® i5 processor, 8GB DDR4 memory, and VPC1. Flexible connectivity options include 4K DisplayPort, HDMI, VGA, USB 3.0 ports, and Gigabit LAN RJ45. (compatible with interactive touch panel as above)		Either of the brands required Viewsonic, HP or Lenovo
13	SITC of Mounts, Router /Switches / splitters / Cables (2K /4K 2.0 Version) and Accessories Compatible for above items.	actual	Best in the market
14	SITC of Duco paint High gloss finish metallic body kiosk with 21.5" multitouch screen monitor , in built mini CPU : i3 processor , 2 Gb RAM , 1 TB HDD , wi-fi, Bluetooth connectivity , buit in 5 watts speaker	1	Best in the market

## Technical Bid

All bidders should ensure that they meet the following minimum eligibility criteria before applying for the bid. The bidding parties meeting these criteria must enclose copies of their supporting documents along with the bid as mentioned in Annexure T-I, failing which their bids will be summarily rejected and will not be considered any further. All the documents as attached with application must be signed, along with seal by the Owner or the Authorized signatory of the agency.

### Annexure-T-I

#### Technical Criteria

Sl. No.	Technical Criteria	Documents to be Provided	Attached (Y/N)	Page No.
01.	The bidder must be a registered as Company Documentary (Certificate of incorporation) evidence to be submitted Registration Certificate to do the business for this service.	I. Certificate of Commencement of business II. Certificate consequent to change of name, if applicable III. Bidder's Detail including contact address, email, phones, etc.		
02.	The agency should be registered with Income Tax and Goods and Service Tax.	PAN Number GST Number		
03.	The bidder should have minimum annual turnover of Rs. 100.00 lakhs during the last 3 years (Enclosed copies of audited annual accounts)	2015-16 (Rs. in Lakhs) 2016-17 (Rs. in Lakhs) 2017-18 (Rs. in Lakhs)		
04.	Earnest Money Deposit (EMD) of Rs. One Lakh	To be attached with technical bid.		
05.	The bidders are required to furnish the Manufacturers Authorization Form (MAF) for Audio-Visual Equipment, Interactive Display and Conference System for Meeting Room.	Attach MAF		
06.	The agency has never been blacklisted by any of its clients.	Self-declaration		
07.	Firm's Experience of Taking Similar work from Government Bodies (At least three orders each for a minimum of Rs. 10.00 lakhs)	Enclose copies of purchase orders		
08.	Presentation of concept	The agency should make a presentation on its plan for installation and commissioning of the System.		
09.	All items quoted in the tender is as per make, model and specifications given in Annexure I	Deviations, if any, should be listed separately.		

Authorized Signatory (Signature In full): \_\_\_\_\_

Name and title of Signatory: \_\_\_\_\_

Stamp of the Company: \_\_\_\_\_

## Annexure T-I

<b>Financial Bid</b>				
<b>Sl. No.</b>	<b>Specification</b>	<b>QTY</b>	<b>Make / Model</b>	<b>Amount in Rupees (Including taxes)</b>
1	SITC of Wireless digital Gooseneck Microphone with 18 or more channel, RF output 80mW or more, cardioid pickup pattern, Frequency range : 1880 to 1930 MHz, Connectivity : RJ-45, Battery backup : 16 or more hr, battery should be rechargeable and have both the options (Mini / Micro USB & wireless charging station) to charge, AF frequency response 20 to 20,000 Hz, Dynamic range > 120 dB(A),THD (1 kHz) typ. 0.1 %, Audio sampling 24 bit/48 kHz, Signal-to-noise ratio > 90 dB(A), Encryption AES 256 etc and complete as required.	1	Either of the brands required Sennheiser, Gonsin or Shure	
2	SITC of Wireless digital boundary layer Microphone with 18 or more channel, RF output 80mW or more, cardioid pickup pattern, Frequency range : 1880 to 1930 MHz, Connectivity : RJ-45, Battery backup : 16 or more hr, battery should be rechargeable and have both the options (Mini / Micro USB & wireless charging station) to charge, AF frequency response 20 to 20,000 Hz, Dynamic range > 120 dB(A),THD (1 kHz) typ. 0.1 %, Audio sampling 24 bit/48 kHz, Signal-to-noise ratio > 90 dB(A), Encryption AES 256 etc and complete as required.	4	Either of the brands required Sennheiser, Gonsin or Shure	
3	SITC of Wireless microphone charging dock station from the same make of microphone	3	Either of the brands required Sennheiser, Gonsin or Shure	
4	SITC of Audio DSP, 12 mic/line inputs and 8 outputs, Twelve channels of AEC - acoustic echo cancellation, USB Audio interface, providing up to four channels of digital audio sends and returns, 8 phantom power inputs, Advanced audio processing on all eight analog outputs, Studio grade 24-bit/48 kHz analog-to-digital and digital-to-analog converters	1	Either of the brands required Extron, Clearone or Biamp	
5	SITC of Wireless lapel microphone set, True diversity receiver with metal housing, Automatic frequency management and synchronization via remote channel for easy setup, Up to 12 compatible channels, omnidirectional microphone, Switching bandwidth up to 24 MHz, Squelch switchable from 3 dB $\mu$ V to 28 dB $\mu$ V (via Pilot Tone)	1	Either of the brands required Sennheiser, Revolabs or Shure	

6	<p>SITC of 86" 4K Interactive Flat Panel  Floating Pen - Annotation on Demand  Built-in ARM Quad-core CPU with 16GB Storage  LCD PANEL Panel Size: 86" Type/ Tech: TFT LCD  Module with DLED Backlight; Display Area (mm):  1895.04 (H) x 1065.96 (V) (85.6" diagonal) Aspect Ratio:  16:09; Resolution: 3840 x 2160; Colors: 1.07B colors  (10bit); Brightness: 350 nits (typ.) 300 nits (min.)  Contrast Ratio: 1200:1 (typ.); Response Time: 8 ms  Viewing Angles: H = 178, V = 178 (typ.)  Backlight: DLED Backlight Life: 30,000 Hours Min.  Hardness: 7H.  <b>TOUCH:</b> Type/ Tech: IR Recognition Touch  Resolution: 32767 x 32767; System: Windows 10 /  Windows 8 / Windows 7 / Windows XP / Vista / Linux /  Mac / Android / Wince / Chrome; Life Time: 80,000hrs  <b>INPUT:</b> HDMI: x 3; RGB / VGA: x 1; DisplayPort: x 1  Audio: x 1; CVBS (AV): x 1; RS232: x 1; PC Slot: x 2</p>	1	Either of the brands required Sharp, Panasonic or Viewsonic	
7	<p>SITC of Wireless connection to central screen 1 user on-  screen Share from laptop, tablet or smartphone HDMI  output Delivered with 1 Button Sharing as a basic need  Anyone. Users simply plug a USB-powered device.  Firmware version 1.7 installed on your Base Unit.  Operating system Windows 7/8/8.1/10 32 &amp; 64 bit  macOS 10.12/10.13/10.14 (Mojave) Android v7; v8 &amp;  8.1 iOS 10; 11 &amp;12, Frequency band 2.4 GHZ and 5 GHZ</p>	1	Either of the brand required Kramer, Extron or Barco	
8	<p>SITC of Optional Dongle Intuitive meeting collaboration  from huddle to boardroom • Hassle-free content sharing •  Share via the USB Button or Desktop App • Integration  into the company network • Collaborate using annotation,  blackboarding and touch back features • Secure and  certified, Number of simultaneous connections 8,  Authentication protocol WPA2-PSK in stand alone mode</p>	1	Either of the brand required Kramer, Extron or Barco	
9	<p>SITC of two channel stereo Sound Stereo Receiver  Advanced Features • 75W x 2 high power output • 40-  station AM/FM random access preset tuning • Speaker A,  B • Subwoofer Out • Rec Out selector • Power  management (Auto power off) • Preset remote control  • Dimensions (W x H x D): 17-1/8" x 6" x 15-1/4"</p>	1	Either of the brands required Yamaha, Apart or Extron	
10	<p>SITC of wall mount speakers 75 watts  Surface Mount Speaker  5.25" cone woofer with a 0.75" soft dome tweeter.  Highly adaptable surface mount speakers</p>	4	Either of the brands required Yamaha, Apart or Extron	
11	<p>SITC of 4MP Full HD WDR Network IR Vandal Dome  Camera 1/3" 4 Megapixel progressive scan CMOS  2.7~13.5mm Motorized lens H.265 &amp; H.264 dual-stream  encoding Max 20fps@4MP(2688×1520) &amp;  25/30fps@3MP(2340 X 1296) WDR(120dB),  Day/Night(ICR), 3D-DNR, ROI, AWB, AGC, BLC, HLC  Multiple network monitoring: Web viewer, CMS(PVMS)  &amp; Smart Phone(PMOB) Max. IR LEDs Length 50m Ip67,  IK10, PoE Micro SD Card up to 128GB ( software  compatible with above interactive touch panel )</p>	2	Either of the brand required Panasonic, Bosch or Canon	

12	SITC of Slot-In PC Module This slot-in PC module easily plugs into compatible displays and supports high-definition audio and video. With wireless Wi-Fi dual band and Bluetooth support, Intel® i5 processor, 8GB DDR4 memory, and VPC1. Flexible connectivity options include 4K DisplayPort, HDMI, VGA, USB 3.0 ports, and Gigabit LAN RJ45. (compatible with interactive touch panel as above)		Either of the brands required Viewsonic, HP or Lenovo	
13	SITC of Mounts, Router /Switches / splitters / Cables (2K /4K 2.0 Version) and Accessories Compatible for above items.	actual	Best in the market	
14	SITC of Duco paint High gloss finish metallic body kiosk with 21.5" multitouch screen monitor , in built mini CPU : i3 processor , 2 Gb RAM , 1 TB HDD , wi-fi, Bluetooth connectivity , buit in 5 watts speaker		1 Best in the market	