Tender Document

For

Selection of Implementation Agency for Automization of Conference room Commissioning & Maintenance Work

(Tender No. 2nd Call 06/CEO/CHiPS/O&M/2014)

CHhattisgarh infotech & biotech Promotion Society (CH*i*PS)

State Data Centre Building, Near Police Control Room,
Civil Lines, Raipur, Chhattisgarh–492001
Tel.: +91-771-4014158
Email:ceochips@nic.in, Website:www.chips.gov.in

(All pages of this document except for Commercial-bid to be submitted in original duly signed on each page along with the technical bid Envelope. The Commercial bid in original is to be enclosed in a separate sealed Envelope)

SHORT NOTICE INVITING TENDER

FOR

2nd Call for Automization of Conference Room Commissioning & Maintenance Work

No. 2nd Call 06/CEO/ CHiPS /O&M/2014 Raipur, Dated 23/12/2014

Chhattisgarh infotech and biotech Promotion Society (CHiPS), the nodal agency of Department of Information Technology and biotechnology, Government of Chhattisgarh in the state of Chhattisgarh invites technical and financial proposals from IT/Telecom/AV Solution Provider companies for Implementation of Automization of Conference room, as detailed in the Scope of Work in this Tender. The Selected Company would be implement Automization of Conference room System and provide One Year Warranty cum Annual Maintenance support.

The document can be downloaded from the website www.chips.gov.in&www.cgstate.gov.inresponse to this tender shall be deemed to have been done after careful study and examination of this document with full understanding of its implications. This section provides general information about the Issuer, important dates and addresses and the overall eligibility criteria for the parties. **The tender document cost of Rs. 5,000/- is to be submitted vide crossed demand draft on any Nationalized bank/ Scheduled Bank in favour of The CEO, Chhattisgarh infotech& Biotech Promotional Society, Raipur.**

1.1 **Issuer**

The CEO
Chhattisgarh infotech& Biotech Promotional Society, Raipur
State Data Centre Building, Near Police Control Room,
Civil Lines, Raipur, Chhattisgarh–492001
Tel: + 91 – 771 – 4014158
Fax: + 91 – 771 – 4014158
Email: ceochips@nic.in
Website: www.chips.gov.in& www.cgstate.gov.in

1.2 **Address for Bid Submission and Correspondence**

The CEO,
Chhattisgarh infotech& Biotech Promotional Society, Raipur
State Data Centre Building, Near Police Control Room,
Civil Lines, Raipur, Chhattisgarh–492001
Tel: + 91 – 771 – 4014158
Fax: + 91 – 771 – 4014158

INVITATION FOR BIDS

Chhattisgarh Infotech & Biotech Promotional Society invites sealed bids, under two Envelopes system, from Bidding Firms for **Automization of Conference room, Commissioning& Maintenance Work** as per followingschedule:

Items	**Description**
Scope of Work	**Automization of Conference room**, Commissioning & Maintenance Work
Cost of Tender Document	Rs.5000.00 (non-refundable) by Demand Draft payable to CEO, CHiPS, Raipur
Last date of submission of Bid	30.12.14 up to 3.00 p.m.
Date of opening of Technical Bid	30.12.14 at 3.30 p.m.
Date of opening of Commercial Bid	To be Informed Later
EMD	Rs. 1,00,000/- (Rupees One Lakh Only) in the form of Demand Draft payable to CEO, CHiPS, Raipur

Technical Bid

Instructions to Bidding Firms

1. The tender is to be submitted in two separate sealed Envelopes and further sealed in one Envelope mentioning thereon the **Envelope No.1** and **Envelope No. 2** and contents as indicated below:

   a. **Envelope Number-1** (Pre-qualification Bid/Technical Bid)

   Cover forming Envelope -1 of the Tender shall be super scribed with words **Technical Bid of "Tender for Automization of Conference room, Commissioning & Maintenance Work, Raipur"** along with tender number and due date.

   Envelope number-1 EMD, Tender fees Qualification documents along with the tender document duly filled up and signed by the Bidding Firm on each page after affixing rubber stamp of the firm/company. Any cutting should also be authenticated by the Bidding Firm/authorized signatory of the Bidding Firm against his/her full signatures.

   b. **Envelope Number-2 (Commercial Bid)**

   Sealed cover forming Envelope -2 of the Tender shall contain **Commercial Bid in the prescribed Performa** which should be super scribed with words **"Tender for Automization of Conference room, Commissioning & Maintenance Work , Raipur" along with tender number and due date.**

2. Both the Sealed covers containing Envelope -1 and Envelope -2 shall be put in another third Envelope and sealed properly super scribing the words "Tender for Automization of Conference room, Commissioning & Maintenance Work" along with tender number and due date, addressed to the CEO, CH*i*PS, State Data Center, Civil Lines, Raipur-492001 and submitted in the office of CH*i*PS **on or before date mentioned in Invitation for Bids.** Any tender received after the prescribed time will not be accepted/ considered for opening.

3. Evaluation Criteria- The CHiPS will evaluate the financial bid based on Overall Lowest rate for all Item. The Bidder who quote lowest for overall item will declared L1.
4. **Signing of Work Order–**The CH*i*PS will issue the work order to successful Bidding Firm (Overall L1) with terms and condition for execution of work mentioned in this tender document. The Bidding Firm needs to intimate CH*i*PS about acceptance of all the terms and conditions in the work order in writing duly signed by proprietor/partner or authorized signatory.

5. For any further details/clarifications, may please contact the CEO CH*i*PS, State Data Center, Civil Lines, Raipur-492001 (Telephone No. 4014158 e-mail: ceochips@nic.in).

6. **Eligibility Criteria for Pre-qualification**

   a) The Bidding Firm should have been in the business of **IT/ITeS/AV Solution provider /Telecom product sales, installation, Operation and Maintenance for at least 3 years** with an average annual turnover from **IT/ITeS/Telecom/ AV Solution** product sales and services of **at least**

Rs.75,00,000.00 (Rupees Seventy Five Lakh Only) during the last three years (2011-12 to2013-14). In support of the above, the bidding firm should furnish the following documents along with Pre qualification bid.

b) The Bidding Firm should having experience of Installation or supply/commissioning of Conference room automization in any Govt./PSU/Private experience of minimum order value should not less than Rs. 10,00,000.00 (Rupees Ten Lakh Only) in last three year.
c) Minimum 3 years old VAT registration.
d) Copy of company registration certificate.
e) PAN Card copy
f) The Bidding Firm should deposit EMD amount of Rs. 1,00,000 in the form of DD by any nationalized/ schedule bank in favor of CEO CHiPS, Raipur.

Note:
a) In case any of the above documents are not found in the bid, than Bidding firm will be disqualified from the Tender process.
b) Any Kind of Consortium not Allowed in this bid.

6. The Bidding Firm should submit the following documents along with the tender:

(a) Profile giving complete details about the firm, including period for which it is in the business, duly signed by an authorized person(s).

(b) Annual accounts of the firm for last three years duly certified.

(c) Work Order/ Purchase Order copy for proof of work executed

(d) Other documents as per above Eligibility Criteria.

7. The track record of the contracting firm/Bidding Firm should be clean and should not have any involvement in illegal activities or financial misappropriation /frauds etc.

8. The Bidding Firm should deposit EMD along with Envelope - 1 of the tender. The EMD shall not carry any interest. The EMD of the unsuccessful contracting firms would be refunded only after finalization of the tender process.

9. The authorized person of the Bidding Firm must put his signature on all the pages of the tender documents invariably in having accepted all the terms and conditions in respect of this tender work.

10. The Bidding Firm must be registered with Sales Tax/Central Sales Tax and Service Tax department and should have PAN/TAN from Income Tax Department.

11. The details of the establishment (names, addresses, telephone no. etc.) where same kind of Work services is currently being rendered/has been rendered, with value and period of the contract for last 3 years.

12. Certificates from the clients regarding the quality and duration of services rendered during the last 3 years shall also be furnished.

13. It may be noted that tenders not accompanied by any of above documents will be liable for rejection.

14. CH*i*PS reserves the right to reject any or all offers without assigning any reason thereof.

15. Any changes, addition or deletions in the tender will be available on the website www.chips.gov.in & www.cgstate.gov.in No separate written communication will be circulated.

General Information about Bidding Firm

1	Tender Fees Details.	
2	EMD Details DD No and Date: Amount in Rs. Name of the Bank:	
3	Name and Address of the Bidding Firm	
4	Contacts:	
5	Telephones:	
6	Fax:	
7	E-mail:	
8	Mobile No:	
9	Category of the Bidding Firm (Whether company, partnership firm or Proprietary)	
10	Name of Chief Executive Officer/Partner/Owner and Telephone No.	
11	Year of Establishment	
12	Sales Tax/Commercial Tax/CST Nos.	
13	Income Tax PAN/GIR No.	
14	Service Tax No.(enclosed certificate)	
15	Yearly Turn over of the Last 3 years.	
16	Name and Address of the Banker	
17	List of major Clients and the size of orders Executed	

Letter for Submission of Tender

To,
The CEO,
Chhattisgarh Infotech & Biotech Promotional Society (CH*i*PS),
State Data Centre Building, Near Police Control Room,
Civil Lines, Raipur,
Chhattisgarh–492001
Tel: + 91 – 771 – 4014158
Fax: + 91 – 771 – 4014158

Dear Sir,

With reference to the tender invited by you for the following work for Automization of Conference room, Commissioning & Maintenance Work, Raipur.

1. I/We do hereby offer to execute the work under contract at the respective rates mentioned in the commercial bid. I/ we have seen the site, understood the conditions of contract and I/we agree to execute the work as per specifications.

2. I/We have deposited earnest money of Rs. _____/- (_____) by demand draft which amount is not to bear any interest.

3. I/We do hereby agree that the amount of EMD shall be forfeited by you in the event of the tender is accepted and I/we fail to execute the contract when called upon to do so.

4 I/We understand that you are not bound to accept the lowest or any tender that you have received.

5. I/We hereby declare that my/our firm has never been involved in any illegal activities and never been charged for financial misappropriation/fraud/embezzlement etc. Nor any criminal case is pending against me/us, my/our firm in any court of law.

6. I/We verify that all details furnished above are true and correct to the best of my/our knowledge and belief. I/We understand that in case of furnishing of any false information or suppressing of an material information, the bid shall be liable for rejection besides initiation of penal action by CH*i*PS, as it deems fit.

Yours faithfully.

Signature of Bidding Firm/ Authorized
signatory (Seal)

Place…….

Date……..

Schedule –A

Scope of work for Automization of Conference room, Commissioning & Maintenance Work, Raipur

1. The Bidding Firm should survey install & commission the Automization of Conference room after survey and Bill of Material finalized by CH*i*PS. The Bidding Firm will consider existing equipments during survey and finalization of BoM. The Bidding Firm should inspect the same before submitting the bid against this Tender. CH*i*PS may issue the work order for any other government offices location under this Tender after survey and finalization of BoM.
2. The contract will be valid for a period of One year from the date of signing of the Rate contract and may be extended by 1 more year on mutually agreed condition.
3. The equipments and Services under this contract shall be supplied and commissioned in any or all the Government Building in Chhattisgarh. The Bidding Firm shall adhere to all the technical as well as commercial terms irrespective of the location of the site.
4. The equipments supplied under the contract shall be of the make or specifications as indicated in the Technical Annexure. The equipments will conform to the standards mentioned in the technical specifications of the related products and submitted along with the Bid.
5. In case one or some equipments are discontinued, equipments shall replace the same with equivalent or higher specification at the same price as in the contract. The decision of the CH*i*PS whether the equipments are equivalent or of higher specifications shall be final and binding on the Bidding Firm.
6. The equipments must conform to the highest quality and standard. The Bidding Firm as well as the Manufacturer shall guarantee that the equipments delivered to the Purchaser/Indenter are brand new. All equipments must be supplied with their original and complete printed documentation.
7. The Bidding firm will be responsible to design and layout of the proposed Automization of Conference room and CH*i*PS will finalize the same.
8. The Installation and Commissioning of the Automization of conference room must be completed within 4 weeks from date of issuance of Purchase Order/Work order.
9. The Bidding firm should co-ordinate with the CGSWAN bandwidth service provider and the CGSWAN operator and should ensure that the connectivity to CGSWAN is established within 4 weeks where Video conferencing equipment may be installed by the Bidding firm.
10. In the event of delay in provisioning of CGSWAN connectivity on part of the CGSWAN bandwidth service provider and the CGSWAN operator, the same should be informed to the Purchaser/Indenter.
11. The Bidding firm shall provide user training for duration of one day to at least 2 representatives of the CH*i*PS / Departmental personnel.
12. The CH*i*PS /Department right to inspect test and, where necessary, reject the Goods after the goods arrival at the project site shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by the CH*i*PS /Department.
13. The Bidding firm in the presence of CH*i*PS /Department personal will conduct acceptance test at the site. The tests will involve installation and commissioning and trouble free operation of the Automization of Conference room along with the integration of hardware like Laptop, printers, etc. This shall be apart from physical verification and testing. No additional charges shall be payable by the CH*i*PS for such

integration and carrying out these acceptance tests.

14. The Bidding firm shall provide comprehensive onsite warranty for all the equipment supplied under the work order for a period of one years from the date of installation and commissioning of equipment.
15. The Bidding Firm shall be fully responsible for the Manufacturer's warranty for all equipment, accessories, spare parts etc. against any defects arising from design, material, manufacturing, workmanship, or any act or omission of the manufacturer / Bidding Firm or any defect that may develop under normal use of supplied equipment during the warranty period. In case the Bidding Firm is unable to fulfill his obligations during the warranty period, the warranty obligations will fully and automatically devolve upon the Manufacturer of the goods. The Bidding Firm shall be fully responsible for getting the product replaced from the principle company or coordinating the same with the principle company during the warranty period.
16. If, during the warranty period, any equipment has any failure on three or more occasions, it shall be replaced by equivalent new equipment by the Bidding Firm at no cost to the CH*i*PS /Department.
17. The Bidding firm shall not assign to any third party, in whole or in part, its obligations to perform under the contract, except with the CH*i*PS prior written consent.
18. CH*i*PS will issue the LoI with successful Bidding Firm and release Work Order/Purchase Order after Design will approve by the CH*i*PS.
19. The Bidding Firm will be required to deliver the items at respective location mentioned in Purchase Order.
20. The successful Bidding Firm shall have to supply all necessary accessories along with the supplied goods, appropriate licenses, device drivers, data sheets and documentation, which may be required, whether mentioned or not mentioned in the tender, for successful acceptance of the quoted equipment to CH*i*PS.
21. The Bidding Firms are expected to accept all technical/commercial terms & conditions mentioned in the bid document. Any deviations in the terms and conditions should be clearly mentioned. CH*i*PS however, reserve the right to reject any or all of the offers that deviate from the terms and condition of the tender document.
22. User Acceptance test will be done by CH*i*PS.

Bill of Material and Minimum Technical Specification

Sl	Item Description	Make	Proposed Make & Model No.	Compliance (Yes/ No)	Remarks/ Deviation
1	**90" HD LED displays** ASV black TFT to reduce glare & reflection. Designed for Heavy duty use and 24x7 Hr's Continuous operation. • Superior display of both analogue and Digital sources and capable of displaying minimum full native 1920 x 1080 HD resolutions from analog RGB, digital RGB, and HD video sources. • 4000:1 Panel Contrast and Maximum 8 ms quick response time • Additional HDMI Port, DVI and LAN Port connector for all Future Proof and Universal input connectivity. • Operating Temperature Range 0 º -40 º C (Best in its class).. • Landscape Display mode. • Full array LED • Brightness **500 cd/m** square Brackets to Fix LED Display				
2	**60" HD LED display** • ASV black TFT to reduce glare & reflection. Designed for Heavy duty use and 24x7 Hr's Continuous operation. • Superior display of both analogue and Digital sources and capable of displaying minimum full native 1920 x 1080 HD resolutions from analog RGB, digital RGB, and HD video sources. • 4000:1 Panel Contrast and Maximum 8 ms quick response time • Additional HDMI Port, DVI and LAN Port connector for all Future Proof and Universal input connectivity. • Operating Temperature Range 0 º -40 º C (Best in its class).. • Landscape Display mode. • LED • Brightness **500 cd/m** square Brackets to Fix LED Display				
3	40" Full High Definition 1920X1080 FULL HD Professional Display				
	ASV black TFT to reduce glare & reflection.				
	Designed for Heavy Duty use with 24x7 Hr's				

Sl	Item Description	Make	Proposed Make & Model No.	Compliance (Yes/ No)	Remarks/ Deviation
	continuous monitoring operation with or without fan less architecture.				
	Contrast Ratio min. 3000:1				
	Diagnostic RS -232 central controls from any Central location.				
	10 Bit Color Display, PIP and Picture by Picture				
	Built-in 10 Stereo Speakers.				
	Operating Temperature Range 0 º -40 º C				
	Rated LCD Backlight life 60,000Hrs.				
	Brightness – Minimum 500 cd/m²				
	Landscape & Portrait multi display modes.				
	Picture in Picture & Picture by Picture.				
	Panel response time max. 8 ms				
4	Installation (Wall mount) & Commissioning of 90" display				
5	Installation (Wall mount) & Commissioning of 60" display				
6	Installation (Wall mount) & Commissioning of 40" display				
7	Popup BoX/ Cable Manager with HDMI, VGA, Audio, USB, and Power Socket	Extron/AMX/Magnum/Logic/ Kramer			
	Durable pneumatic movement and mechanical latching mechanism				
	One female 15pin HD connector ,PC audio and a HDMI connector				
	Easy access to connectors				
	2 unswitched AC outputs mechanical latching mechanism				
	LAN Port				
8	Speakers	Renkus Heinz/ JBL/ QSC/ Tannoy			
	Frequency Range (-10 dB): 70 Hz to 23 kHz				
	Continuous Program: 200 Watts				

Sl	Item Description	Make	Proposed Make & Model No.	Compliance (Yes/ No)	Remarks/ Deviation
	Sensitivity: 87 dB SPL, 1W, 1m				
	Directivity Factor (Q): 4.9				
	Directivity Index (DI): 6.9				
	Nominal Impedance: 8 ohms				
	Nominal Coverage: 100° x 100°				
	LF Driver:130 mm (5.25 in) polypropylene-coated paper with WeatherEdge surround, 25 mm (1 in) voicecoil on kapton former				
	HF Driver:10 mm (.75 in) titanium coated PE				
	Enclosure Material: HIPS (High Impact Polystyrene)				
	Overload Protection:Full-Range power limiting to protect network and transducers				
	Transformer Taps:70V: 60 W, 30 W, 15 W, 7.5 W taps (Taps #4,#3, #2 & #1)				
	100V: 60 W, 30 W, 15 W taps				
	(Taps #3, #2, & #1)				
9	**Condenser boundary mic (semi-cardioid),** Transducer Principle: Condenser • Frequency Range: 20–20,000 Hz• Polar Pattern: Cardiod• Sensitivity at 1,000 Hz: 20mV/Pa = -37 dBV• Equivalent Noise Level: 21 dB-A• S/N Ratio (A-weighted): 73 dB• Electr. Impedance: < 600 ohms• Power Requirement: 9 to 52 volts phantom power,• requires DPA adapter• Size: dia.: 0.5 in. (13.5 mm) • Microphone should be fixed • On-Off Switch required	Beyerdynamic / Shure / Clock Audio/ AKG/ Sennheiser/Country man			

Sl	Item Description	Make	Proposed Make & Model No.	Compliance (Yes/ No)	Remarks/ Deviation
10	**Wireless handheld microphone** Dual Wireless Microphone system includes Dual Handheld Microphone transmitter and RF receiver • Wireless Microphone system includes • Carrier frequency range 660 to 865 MHz • Modulation FM • Audio bandwidth 40 to 20,000 Hz • Frequency stability (-10°C to +50°C) ±15 kHz • T.H.D. at 1 kHz typ. 0.8% • Compander integrated • Signal/noise ratio typ. 105 dB(A) • RF output typ. Max. 10 mW • Power requirement single 1.5-V AA size battery • Battery life >30 hours	Shure / AKG / Revolabs/ AKG/Sennheiser/ Country man			
11	**Wireless clip-on lavalier(collar) microphone** • Wireless Microphone system includes body pack transmitter • Carrier frequency range 660 to 865 MHz • Modulation FM • Audio bandwidth 40 to 20,000 Hz • Frequency stability (-10°C to +50°C) ±15 kHz • T.H.D. at 1 kHz typ. 0.8% • Compander integrated • Signal/noise ratio typ. 105 dB(A) • RF output typ. Max. 10 mW • Power requirement single 1.5-V AA size battery • Battery life >30 hours	Shure / AKG / Revolabs/ Sennheiser/Country man			
12	Videoconferencing end point for seamlessly connecting to the existing MCU Polycom RMX-2000 a) Endpoint Minimum 720p b) Camera Optical Zoom Minimum 12X c) people+ content licenses d) Should connect through IP	Polycom/ Cisco			
13	Installation and Commissioning for VC end Point and Seamless Integration with Existing MCU				
14	DVD recorder	Pansoinc / Sony/ Toshiba/ Samsung/ LG			

Sl	Item Description	Make	Proposed Make & Model No.	Compliance (Yes/ No)	Remarks/ Deviation
15	**Control Processor**	Crestron / Extron / Kramer/ AMX			
	Enables the use of third party devices as primary control interfaces.				
	Six bidirectional RS-232 serial ports with software handshaking				
	Two bidirectional RS-232/RS-422/RS-485 serial ports with hardware and software handshaking				
	Eight IR/Serial ports for one-way control of external devices				
	Four Flex I/O ports				
	Supports secure industry standard communications protocols :including HTTP (insecure), HTTPS, SSH, SFTP, SMTP, NTP, Discovery Service, DHCP, DNS, ICMP,and IPv4.				
	Eight relays for controlling room functions				
	Four independently switched 12 VDC outputs				
	Ethernet monitoring and control				
	Supports popular Building Management System protocols, such as BACnet, KNX, and DALI				
	Supports 10/100/1000Base-T				
16	**Touch Panel/ IPAD with Base Station and Wireless Router**				
	Retina Display				
	9.7-inch (diagonal) LED-backlit Multi-Touch display with IPS technology				
	2048x1536 resolution at 264 pixels per inch (ppi)				
	Fingerprint-resistant oleophobic coating				
	Wi-Fi (802.11a/b/g/n); dual channel (2.4GHz and 5GHz) and MIMO				
	Bluetooth 4.0 technology				
	Environmental Requirement: Operating temperature: 0° to 35° C (32° to 95° F)				
	Non-operating temperature: -20° to 45° C (-4° to 113° F)				
	Relative humidity: 5% to 95% non-condensing				
	Operating altitude: tested up to 3,000 metres (10,000 feet)				
	Base Station				
	Protective Sleeve for IPAD Air				
	The BaseStation allows you to mount IPAD Air to a table top to use and charge				
	The induction mounting and charging node provides a connection point for a Sleeve				

Sl	Item Description	Make	Proposed Make & Model No.	Compliance (Yes/ No)	Remarks/ Deviation
	Wireless Router				
	8 port network switch				
	For connecting logical sub nets				
17	**Digital Signal Processor with 12 Analoge Inputs** 12 Analog Inputs (with 48v Phantom Power per Channel) • 8Analog Outputs • RJ-11 Telephone Input/ Output Port • Configurable Signal Processing • 12 Channels of AEC Processing with Auto Gain Control • and Noise Cancellation • Rich Palette of Processing and Logic Objects • 48 Channel, Low Latency, Fault Tolerant Digital AudioBus • Clear Front Panel LED Indication • Bi-Directional Locate Functionality • 12 Control Inputs and 6 Logic Outputs for GPIO Integration • Soundweb London Interface Kit for Third Party Control • HiQnet Device • Configuration, Control and Monitoring from HiQnet London Architect				
18	**Digital Signal Processor with 10 Analoge Inputs** 10 Analog Inputs (with 48v Phantom Power per Channel) • 8Analog Outputs • RJ-11 Telephone Input/ Output Port • Configurable Signal Processing • 10 Channels of AEC Processing with Auto Gain Control • and Noise Cancellation • Rich Palette of Processing and Logic Objects • 48 Channel, Low Latency, Fault Tolerant Digital AudioBus • Clear Front Panel LED Indication • Bi-Directional Locate Functionality • 12 Control Inputs and 6 Logic Outputs for GPIO Integration • Soundweb London Interface Kit for Third Party Control • HiQnet Device				

Sl	Item Description	Make	Proposed Make & Model No.	Compliance (Yes/ No)	Remarks/ Deviation
	• Configuration, Control and Monitoring from HiQnet London Architect				
19	6 Zone lighting control with button panel & motion Sensor	Crestron / Extron / Kramer/ AMX			
20	Blue Ray DVD Player	Panasoinc / Sony / Philips			
21	Conferencing over Standard Telephone Service Solution.	Biamp / BSS / Shure			
22	8-Channel Amplifier, 75 W per channel @ 8 ohms 8 Channel Amplifier of Channels 8 Sensitivity 1.4V Rated Power Output 75W per ch @ 8ohms Signal To Noise Ratio 110dB THD < 0.5% Frequency Response ± 0.5dB	Biamp /Crown / Extron			
23	HDMI Switcher **8 x4 HDMI Matrix Switcher** Video Routing DXP 84 HDMI 8 x 4 matrixSignal type TMDS digital RGB and single-link DVI digital video signals are supportedDigital video RGB digital video (DVI and HDMI standards) or Y, Cr, Cb digital component video (HDMI), actively buffered (supports all single-link DVI and HDMI [if using an optional adapter] standards from 640x480 @ 60 Hz to 1600x1200 @ 60 Hz computer video and HDTV 480p, 720p, 1080i, 1080p)Digital audio Supports HDMI audio transmitted through the RGB and Y, Cr, Cb lines, actively buffered.Consumer Electronics Control (CEC) Not supported EDID and DDC Supports Extended Display Identification Data (EDID) and Display Data Channel (DDC) data using DVI and HDMI standards. EDID and DDC signals are actively buffered.HDCP Compliant with High-bandwidth Digital Content Protection (HDCP) using DVI and HDMI standardsHPD Supports hot plug detection (HPD) of display as a pass-through signal.Gain UnityResolution range Up to	Kramer / Extron / Crestron/AMX			

Sl	Item Description	Make	Proposed Make & Model No.	Compliance (Yes/ No)	Remarks/ Deviation
	1080p (HDTV) or 1920x1200 (the highest resolution of the single-link DVI standard) @ 60 HzMaximum data rate 6.75 Gbps (2.25 Gbps per color)Maximum pixel clock 225 MHzStandards DVI 1.0, HDMISwitching speed 200 ns, max.**Video input** Number/signal type 4 or 8 (depending on model) digital RGB (TMDS) HDMI (or single-link DVI-D*)Connectors 4 or 8 female HDMI type A (digital only)Nominal level Digital video 1.2 Vp-pDDC (Display Data Channel) 5.0 Vp-p (TTL)Minimum/maximum level 0.5 V to 1.0 Vp-p with no offsetImpedance 100 ohmsReturn loss <-15 dB @ 1 MHz to 1.5 GHzTDR rise time (10%-90%) 75 psEqualization AutomaticInput cable length >100' (30 m) at 1920x1200 @ 48, 50, or 60 Hz; or 1080p; 8 bit colorVideo output Number/signal type 4 or 8 (depending on model) digital RGBConnectors 4 or 8 female HDMI type ANominal level 1.2 Vp-pMinimum/maximum level(s) 0.5 V to 1.0 Vp-p with no offset (follows input)Impedance 100 ohmsReturn loss <-15 dB @ 1 MHz to 1.5 GHzDC offset ±500 mV maximum with input at 0 offsetRise and fall time (20-80%) 0.6 nsRe-clocking AutomaticPeripheral device power 250 mA per output				
24	**Six Input VGA and Stereo Audio Switcher**	Kramer / Extron / Crestron/AMX			
	Power : 100VAC to 240VAC, 50/60 Hz, 10 watts, internal, auto-switchable				
	Rack mount : Yes				
	Product Certification : UL, CUL, CE, FCC Class A, VCCI, AS/NZS,ICES				
	Video: Gain: Unity				
	Bandwidth : 350 MHz MHz (-3dB)				
	Crosstalk -68dB @ 10 MHz				
	Video Input :				
	Number/signal type : 6 (VGA-UXGA RGBHV, RGBS, RGsB, RsGsBs, Computer Video)				
	Connectors:12 PM15-pin HD female (6)				
	Minimum/maximum levels :Analog–0.3V to 1.5V p-p with no offset				

Sl	Item Description	Make	Proposed Make & Model No.	Compliance (Yes/ No)	Remarks/ Deviation
	Impedance: 75 ohms				
	Horizontal frequency : 15 kHz to 145 kHz				
	Vertical frequency :30 Hz to 170 Hz				
	Return loss :-42dB @ 5 MHz				
	Video Output:				
	Number/signal type- 1 VGA-UXGA RGBHV, RGBS, RGsB,RsGsBs computer video				
	Connectors : 1 15-pin HD female				
	Minimum/maximum levels : 0.3V to 1.5V p-p				
	Impedance : 75 ohms				
	Return loss : -43dB @ 5 MHz				
	DC offset : ±5mV maximum with input at 0 offset				
25	**RGB and Stereo Audio to HDMI Scaler**	Kramer / Extron / Crestron/AMX			
	RGB and HDTV component video scaling to HDMI				
	Inputs: RGBHV or component video on 15-pin HD; unbalanced stereo on a 3.5 mm stereo mini jack				
	Output: One HDMI				
	HDMI audio embedding				
	Selectable output rates up to 1920x1200, including HDTV 1080p/60 and 2K				
	Auto Input Format Detection				
	Aspect ratio control				
	Selectable HDMI output color space				
	RS-232 control port				
	Front panel security lockout				
	1" high, half rack width metal enclosure				
	On-screen display				
	Auto Input Memory				
26	**HDMI Female to DVI-D Male Adapter**	Kramer / Extron / Crestron/AMX			
	HDMI Female to DVI-D Male Adapter				
	Gold-plated contacts for reliable performance				
	Supports 480i, 480p, 720p, 1080i, and 1080p/60 HDTV resolutions, and computer-video resolutions up to 1920x1200 @ 60 Hz				
	Durable molded shell with thumb screws				
27	**HDMI Twisted Pair Transmitter**	Kramer / Extron / Crestron/AMX			

Sl	Item Description	Make	Proposed Make & Model No.	Compliance (Yes/ No)	Remarks/ Deviation
	It should be able to support video, audio,remote power capability, bidirectional RS-232 and IR up to 230 feet (70 m) over a single CAT 5/6/7-type cable				
	Should be able to support 1080p/60 Deep Color , 2K and 1920x1200 @ 60Hz signals				
	The unit shall support EDID and HDCP transmission				
	The unit shall support HDMI specifications including data rates up to 6.75(2.25 per color) Gbps, Deep Color upto 12 bit, HD lossless audio formats.				
	IT should be capable of remote powering				
	Shall provide visual indicator for signal presence and power				
	Should be able to support local Analog audio also.				
	The unit shall support the use of HDMI to DVI-D cables or adapters for DVI-D signals				
	The unit should be decora wall plate version				
28	**HDMI Twisted Pair Receiver**	Kramer / Extron / Crestron/AMX			
	It should be able to support video, audio, ethernet, remote power capability, bidirectional RS-232 and IR up to 230 feet (70 m) over a single CAT 5/6/7-type cable				
	Should be able to support 1080p/60 Deep Color,2K and 1920x1200@ 60Hz signals				
	The unit shall support HDMI specifications including data rates up to 6.75(2.25 per color) Gbps, Deep Color 12bit, HD lossless audio formats.				
	Should be HDCP compliant.				
	IT should be capable of remote powerining				
	The unit shall support the use of HDMI to DVI-D cables or adapters for DVI-D signals				
	It should be UL 2043 plenum rated				
29	**6ft HDMI patch cable**	Kramer / Extron / Crestron/AMX			
	Certified for use with Cable Cubby and HSA surface access enclosures				
	Ultra flexible HDMI cables				
	1080p/60 verified				
	lengths of the cable 6 ft				
	30 AWG copper wire construction				
	Gold-plated contacts				
	Supports signals up to 1920x1200 @ 60 Hz and 1080p/60				
	Data rates to 10.2 Gbps				

Sl	Item Description	Make	Proposed Make & Model No.	Compliance (Yes/ No)	Remarks/ Deviation
	Refresh rates to 120 Hz				
30	**9ft HDMI patch cord**	Kramer / Extron / Crestron/AMX			
	Certified for use with Cable Cubby and HSA surface access enclosures				
	9 ft Ultra flexible HDMI cables				
	1080p/60 verified				
	9ft in length				
	30 AWG copper wire construction				
	Gold-plated contacts				
	Supports signals up to 1920x1200 @ 60 Hz and 1080p/60				
	Data rates to 10.2 Gbps				
	Refresh rates to 120 Hz				
	Color depth to 48 bits - 16 bits per color				
31	**12ft HDMI patch cord**	Kramer / Extron / Crestron/AMX			
	12 Ft High Speed and Standard Speed HDMI cables				
	1080p/60 verified				
	Supports 1920 x 1200 @ 60 Hz and 1080p/60				
	Data rates to 4.95 Gbps				
	Refresh rates to 60 Hz				
	Color depth to 24 bits - 8 bits per color				
	Gold plated contacts				
	NEC CM rated				
32	**25ft HDMI patch cord**	Kramer / Extron / Crestron/AMX			
	25 Ft High Speed and Standard Speed HDMI cables				
	1080p/60 verified				
	Supports 1920 x 1200 @ 60 Hz and 1080p/60				
	Data rates to 4.95 Gbps				
	Refresh rates to 60 Hz				
	Color depth to 24 bits - 8 bits per color				
	Gold plated contacts				
	NEC CM rated				
33	**VGA Micro HR with Audio Cable**	Kramer / Extron / Crestron/AMX			
	6ft Male to Male 15-pin HD Micro HR with Audio Cable				

Sl	Item Description	Make	Proposed Make & Model No.	Compliance (Yes/ No)	Remarks/ Deviation
	Thin, flexible cable with low profile VGA connectors				
	Pin 9 is passed through from end to end				
	Designed for transmission of computer video, ID bit signals, and audio				
	Terminated with high quality molded VGA connectors and 3.5 mm connectors for audio				
	VGA shell grounded for ESD electrostatic discharge protection				
	15-pin HD Male to Male Low-Profile Molded + 3.5mm Stereo Mini Plug Male to Male - 6' (1.8 m)				
	AWM 20276 rated				
34	**HDMI Audio De-Embedder**	Kramer / Extron / Crestron/AMX			
	Input: One single link HDMI on female HDMI type A connector				
	Output: one single link female HDMI type A connector, Analog audio output on captive screw connector & one digital audio output on female RCA jack				
	Resolution: HDTV 1080p/60 and PC resolutions up to 1920x1200				
	Pixel Clock: 225 MHz				
	Safety Compliance: CE, UL				
35	Desktop Visualizer (Model : VZ-9 equivalent or Higher)	Wolfvision / Vaddio / Lumens			
36	Equipment Rack 22U with all kind of Accessories	Valrack/President			
37	Equipment Rack 12U with all kind of Accessories	Valrack/President			
38	VGA Cable /Mtr.,	Kramer/Belden / Extron/ Crestron/AMX			
39	Audio Cable /Mtr.,	Kramer/Belden / Extron/ Crestron/AMX			
	Balanced stereo mic or line level audio signals				
	20 AWG (10/30) tinned copper conductors.				
	PVC color coded: red/black & green/white.				
	20 AWG (10/30) tinned copper (in contact with shield)				
	Aluminum Mylar foil 25% overlap rate.				
	DC Resistance:-34.6Ω/km (10.5Ω/1000ft).				
	Capacitance: 89pF/m (27pF/ft).				
	Impedance: 40 to 100Ω.				
	Shield Wire with Balance ground				

Sl	Item Description	Make	Proposed Make & Model No.	Compliance (Yes/ No)	Remarks/ Deviation
40	Speaker Cable /Mtr.,	Kramer/Belden / Extron/ Crestron/AMX			
	Conductors: 16 AWG, (26/30) bare copper conductors.				
	Insulation: PVC				
	Conductors:16 AWG (26/30) bare copper conductors. Insulation: PVC				
	DC Resistance: 34.6Ω/km (10.5Ω/1000ft).				
41	Heat Sinker				
42	Shielded Digital Twisted Pair Cable for XTP & DTP products - Non-Plenum, 1000' (305 m) spool	Kramer/Extron/Crestron/Neutrik			
43	XTP DTP 24 Plug, Package of 10	Kramer/Extron/Crestron/Neutrik			
44	Imported/Branded bulk Connectors	Kramer/Extron/Crestron/Neutrik			
45	Installation, Cabling, Project management, Programming, User Training, Commissioning, Documentation and Project Handover				

Minimum Criteria and condition for OEM/Bidding Firm for Technical Specifications

1. The OEM for all the below mentioned equipment's should be able to support the Warranty and Replacement services efficiently. The OEM/Bidding Firm should have an authorized spares depot in India.
2. The Bidder should provide Manufacturing Authorization form for at least following Products as per Annexure-2 provided in this Corrigendum.

    a) HD Displays
    b) VC end Point
    c) Control Processor with Touch Panel
    d) Desktop Vizulasier
    e) Digital Signal Processor

3. The Bidder should quote only single make and model against one item. If bidder quotes multiple make or model against one item than bidder will disqualify for the same.
4. Any kind of propriety term may be ignored and highlighted at the time of bid submission. Equivalent and higher Specification for the component is acceptable.

5. Please fill up compliance statement as per above format with Technical Bid for all items as per Technical specification mentioned in this Tender.

4. If any other item/manpower required installing the Automization in conference room, than Bidding Firm may add the additional item/manpower to execute the work at additional cost in financial bid. The bid will be evaluate on the basis of overall cost quoted by Bidding Firm.
5. CH*i*PS shall not bear any extra cost other than quoted prices by Bidding Firm to execute the scope of work.
6. The Bidding Firm shall not assign the contract or any part thereof without the prior written consent /approval of the CH*i*PS. The Bidding Firm shall also not sublet the work or part of the work except with the written consent of the CH*i*PS.

7. <u>Annual Maintenance Work:-</u>

- After successful installation by the Bidding Firm and accepted by CH*i*PS, annual maintenance shall be carried out by the Bidding Firm for a period of one year during warranty support.
- In all cases the Consumables & Labor cost involved in maintenance work shall be borne by the Bidding Firm. The annual maintenance work is comprehensive hence no extra cost will be borne by CH*i*PS against any defective part replacement.
- Kindly note although every effort has been made to cover the entire Automization of conference room related work, omission, if any, shall be deemed to be in the scope of work of the Bidding Firm. The Bidding Firm should visit the site and assess the scope of work. The Bidding Firm for his own benefit shall bring these omissions to the notice of CH*i*PS.

- Maintaining the operation record in Log book for the entire Operation & Maintenance Work & presenting the records to the Personnel & Administration department for verification on monthly basis & as and when required to attend the call.

- The Bidding Firm shall attend the complaint within 2 Hr. from call logging by the CH*i*PS personnel.
- The Bidding Firm shall provide the contact details, mobile no. E mail, Fax No. of deputed person for this Job & escalation matrix to higher supervisor.

Schedule – B

General Terms and Conditions for the
Automization of Conference Room, Commissioning& Maintenance Work

1. **Damage to the articles in the premises:**
   The Bidding Firm shall be responsible for any damage to the Safe Fixtures Furniture and other installations under their possession in the Building & Campus in normal course or during the course of any work under progress which in the opinion of CH*i*PS is due to negligence or carelessness or any fault on Bidding Firm's part or that of its Manager or Workmen or Agent. Bidding Firm shall be liable to pay to CH*i*PS such amount in respect of such damage as may be assessed by CH*i*PS or any officer/staff authorized in this behalf.

2. **Personal Supervision:**
   It will be Bidding Firm's responsibility to ensure that the obligations under the terms of this agreement are duly performed and observed by the Bidding Firm and their staff.

3. **Complaints and Improvements:**
   The Bidding Firm shall carry out such improvements as may be necessary for ensuring satisfactory services of **Automization of Conference Room** at State Data Center/Other Building.

4. **Settlement of Accounts:**
   Tax deduction at source will be done as per the Govt. rules. The amount equivalent to any damages/loss etc. caused to CH*i*PS by the workmen employees of the Bidding Firm or any other charges (penalties and other deduction etc.) will be recovered by CH*i*PS or as decided by CHIPS. VAT Amount will be deducted from Invoice and paid by CH*i*PS to government.

5. **Termination of the Contract:**
   In the event of instances of gross misbehavior, theft, burglary, moral turpitude, misuse of the substation area etc. by the Bidding Firm or by any staff of the Bidding Firm or agent of the Bidding Firm, CH*i*PS may forthwith terminate this Contract summarily without any notice to Bidding Firm and Bidding Firm shall have no claim whatsoever against CH*i*PS or any of its Officers in consequence of such termination.

6. CH*i*PS shall have the right to withhold/deduct any reasonable sums from the amounts payable to the Bidding Firm under this contract, if the Bidding Firm commits breach of any of the terms and conditions or fails to perform to the satisfaction of CH*i*PS and the quality of performance of contract with regard to Conference room Automization operational maintenance is found unsatisfactory. Besides, CH*i*PS shall also have the right to terminate this agreement as per the conditions given below:

   a. The agreement shall be terminated without notice on gross violation or by efflux of time. It may be terminated on account of un-satisfactory services by Seven Days notice at the option of CH*i*PS.
   b. On termination of contract by CH*i*PS for any reason whatsoever, CH*i*PS shall be

entitled to engage the services of any other person, agency or Bidding Firm to meet the requirements without prejudice to its rights including claim for damages against the Bidding Firm.

7. Bidding Firm to vacate the site on Termination/Expiry:

Immediately on the termination or expiry of this contract, the Bidding Firm and its employees and agents shall peacefully vacate the premises and handover to CH*i*PS all articles, equipment, furniture and fixtures belonging to CH*i*PS and entrusted in its custody and shall remove all its stores and effects. In case of default, CH*i*PS shall be entitled to enter into the same or remove the stores or the effects wherever lying of the Bidding Firm and to dispose of the same by sale or otherwise without being liable for any damage.

8. Failure to Exercise CH*i*PS rights:

Any omission on the part of CH*i*PS at any time to exercise any of its rights under the terms of the Automization of Conference room Work shall in no way impair or affect the validity of the terms and the rights of CH*i*PS to enforce its rights at any time subsequent.

9. Disputes Resolution:

All questions, disputes and/or difference arising under or in connection with this agreement or in any way touching or relating to or concerning the construction, meaning or effect or the terms herein, shall be referred to the sole arbitration of Secretary (IT & BT), Govt. of Chhattisgarh. The award of the arbitrator so appointed shall be final and binding. All disputes shall be jurisdiction of courts of District Raipur only.

13. Delivery period.

1) The Bidder shall be Installed and Commission the Automization of Conference room within 30 days from issuance of work order from CH*i*PS.
2) Annual Maintenance Work (including Warranty) for a period of 1 Years from date of Successful Installation.
3) The Prices are valid for a period of One Year and may be extended up to one more year on mutually agreed condition.

14. Payment Term

1) CH*i*PS will pay 90% amount against the work completion report submitted by Bidding Firm and approved by designated officer from CH*i*PS w.r.t. work order released by CH*i*PS for Installation and commissioning work. The final amount will be payable to Bidding Firm after deduction of any penalty or damage charges.
2) Balance 10% Amount will be payable in 4 Equal Quarter (2.5% Per Quarter) after Completion from Successful Installation and satisfactory performance.

15. Penalty Clause

1) If the Bidding Firm shall not install the Automization of Conference room beyond 30 days then 1% of total order value per week will be deducted from final payment.
2) If Conference room system not working more than 1 day after complaint to Bidding Firm than 0.5% penalty from final amount/ performance guarantee will be deducted. Total penalty under Annual Maintenance Work will caped up to 5% of Total order

value.

16. Miscellaneous:

(i) The Bidding Firm shall not be allowed to carry away any material/item out of the Building & Campus without the prior permission of CH*i*PS. The Bidding Firm shall co-operate with the other Bidding Firms working in the Building & Campus.

(ii) In case the Bidding Firm assigns or sub-contracts this contract without written approval of CH*i*PS or attempts to do so, CH*i*PS shall have the right to terminate the agreement without giving any notice to the Bidding Firm.

(iii) The Designated Officer of CH*i*PS shall be the sole authority to judge and decide on the quality of the services rendered by the Bidding Firm. All questions relating to the performance of the obligations under the contract and all the disputes and differences which shall arise either during or after the contract period or matters, arising out of or relating to the agreement or payments to be made in pursuance there shall be decided by CH*i*PS. The Bidding Firm hereby agrees to be bound by the decisions of CH*i*PS.

(iv) The Bidding Firm will be required to deposit a security deposit of Rs. 1,00,000/- (Rs One Lakh only) in the form of Demand Draft of a Nationalized bank in favor of CEO CH*i*PS or the EMD submitted by the Bidding Firm in the Technical Bid will consider as a security deposit for the contract. The security deposit would be appropriated towards loss or damages caused by the Bidding Firm or the amount of value of shortage or breakage in the items entrusted to the Bidding Firm or items under care taking with the Bidding Firm or any other liability of the Bidding Firm. No interest shall be payable by CH*i*PS on EMD/Security deposit.

(v) The Bidding Firm shall bear all the costs and expenses in respect of all charges, stamp duties etc, relating to this agreement.

(vi) Notwithstanding anything contained herein before, it is agreed that CH*i*PS shall have the right to alter, modify and or add such other terms and conditions considered necessary and the Bidding Firm in such case shall abide by the same.

(vii) The Bidding Firm shall maintain highest standard and quality in the services. CH*i*PS shall also have the right to insist on getting any service of maintenance, which has already been performed if the same was not carried out to the satisfaction of CH*i*PS.

Commercial Bid

To
The CEO,
Chhattisgarh Infotech& Biotech Promotional Society (CHiPS),
State Data Centre Building, Near Police Control Room,
Civil Lines, Raipur,
kChhattisgarh–492001
Tel: + 91 – 771 – 4014158
Fax: + 91 – 771 – 4014158

Reg. - Tender for Automization of conference room Installation,Commissioning& Maintenance Work at SDC/Other Building, Raipur – Commercial Bid.

Sir,

This has reference to your tender for Automization of conference room Installation, Commissioning& Maintenance Work at SDC/Other Building followed by my technical bid. I have read all the terms and the conditions as stipulated in the technical and commercial bid. I am ready to execute the Work order as mentioned in the tender documents. I have gone through all the terms and conditions contained in the agreement and already given my acceptance for it. I confirm that I fulfill the eligibility criteria as stipulated by you in the tender.

I offer my rate in INR as under:

Sl	Item Description	Make & Model No.	Qty.	Unit of Measurement	Unit Rate	Tax Per Unit	Final Unit Rate inclusive of Tax
1	90" HD LED displays, As per Technical Specification		1	Nos.			
2	60" HD LED display, As per Technical Specification		1	Nos.			
3	40" HD LED display, As per Technical Specification						
4	Installation (Wall mount) & Commissioning charges of 90" display		1	Job			
5	Installation (Wall mount) & Commissioning charges of 60" display		1	Job			
6	Installation (Wall mount) & Commissioning charges of 40" display		1	Job			
7	Popup BoX/ Cable Manager with HDMI, VGA, Audio, USB, and Power Socket, As per Technical Specification		1	Nos.			
8	Speakers, As per Technical Specification		1	Nos.			
9	Condenser boundary mic (semi-cardioid), As per Technical Specification		1	Nos.			
10	Wireless handheld microphone As per Technical Specification		1	Nos.			

Sl	Item Description	Make & Model No.	Qty.	Unit of Measurement	Unit Rate	Tax Per Unit	Final Unit Rate inclusive of Tax
11	Wireless clip-on lavalier(collar) microphone As per Technical Specification		1	Nos.			
12	Videoconferencing end point for seamlessly connecting to the existing MCU Polycom RMX-2000, As per Technical Specification		1	Nos.			
13	Installation and Commissioning Charges for VC end Point and Seamless Integration with Existing MCU		1	Job			
14	DVD recorder		1	Nos.			
15	Control Processor, As per Technical Specification		1	Nos.			
16	Touch Panel/ IPAD with Base Station and Wireless Router, As per Technical Specification		1	Nos.			
17	Digital Signal Processor with 12 Analoge Inputs , As per Technical Specification		1	Nos.			
18	Digital Signal Processor with 10 Analoge Inputs , As per Technical Specification		1	Nos.			
19	6 Zone lighting control with button panel & motion Sensor,		1	Nos.			
20	Blue Ray DVD Player		1	Nos.			
21	Conferencing over Standard Telephone Service Solution.		1	Nos.			
22	8-Channel Amplifier, 75 W per channel @ 8 ohms, As per Technical Specification		1	Nos.			
23	HDMI Switcher 8 x4 HDMI Matrix Switcher, As per Technical Specification		1	Nos.			
24	Six Input VGA and Stereo Audio Switcher, As per Technical Specification		1	Nos.			
25	RGB and Stereo Audio to HDMI Scaler, As per Technical Specification		1	Nos.			
26	HDMI Female to DVI-D Male Adapter, As per Technical Specification		1	Nos.			
27	HDMI Twisted Pair Transmitter, As per Technical Specification		1	Nos.			
28	HDMI Twisted Pair Receiver, As per Technical Specification		1	Nos.			
29	6ft HDMI patch cable, As per Technical Specification		1	Mtr.			
30	9ft HDMI patch cord, As per Technical Specification		1	Mtr.			
31	12ft HDMI patch cord, As per Technical Specification		1	Mtr.			
32	25ft HDMI patch cord, As per Technical Specification		1	Mtr.			

Sl	Item Description	Make & Model No.	Qty.	Unit of Measurement	Unit Rate	Tax Per Unit	Final Unit Rate inclusive of Tax
33	VGA Micro HR with Audio Cable, As per Technical Specification		1	Nos.			
34	HDMI Audio De-Embedder, As per Technical Specification		1	Nos.			
35	Desktop Visualizer (Model : VZ-9 equivalent or Higher)		1	Nos.			
36	Equipment Rack 22U with all kind of Accessories		1	Nos.			
37	Equipment Rack 12U with all kind of Accessories		1	Nos.			
38	VGA Cable /Mtr.,		1	Mtr.			
39	Audio Cable /Mtr., As per Technical Specification		1	Mtr.			
40	Speaker Cable /Mtr.,		1	Mtr.			
41	Heat Sinker		1	Nos.			
42	Shielded Digital Twisted Pair Cable for XTP & DTP products - Non-Plenum, 1000' (305 m) spool		1	Nos.			
43	XTP DTP 24 Plug, Package of 10		1	Nos.			
44	Imported/Branded bulk Connectors		1	Nos.			
45	Installation, Cabling, Project management, Programming, User Training, Commissioning, Documentation and Project Handover		1	Job			
	Grand Total in Figure (INR)						
	Grand Total in Words (INR)						

Please note the following:

1. All quoted prices should be **inclusive of taxes and duties** prevailing on the date of proposal submission.

2. Since the price proposal is in INR, CH*i*PS shall not consider any upward variation/ fluctuation on account of any foreign exchange at any time during the currency of the contract.

3. The CH*i*PS may increase and decrease the quantity of BoM at the time of issuing work order at their own discretion and bidder will accept the same.

4. **Warranty on Automization of Conference Room System Solutions will be 1 (One) yearsor as specified on product whichever is higher** from the date of Successful Installation. Warranty will become effective from the date of Successful Installation for complete solution comprising both hardware and software.

5. The prices are also valid for a **period of one year from issuance of LoI and CHiPS may place a order to successful bidder for any quantity required as per BoM.**

   Other than what is given above, the bidder is expected to account for any other deliverable to make the implementation successful and will be considered for commercial evaluation.

Seal and Sign of Authorized Person

Company Name

Date

Place

ANNEXURE II– EQUIPMENT'S MANUFACTURER AUTHORIZATION & SUPPORT FORM

(To be provided in original as part of **Techno Commercial Proposal (Envelope – B)** on letter head signed by the authorized representative of OEM in favor of 'bidder' for the tender)

To,

The CEO, CHiPS
SDC Building, Near Police Control Room,
Civil Lines
Raipur, CG.

We have gone through the tender document for the said NIT and we authorise M/s. _____ (name of the bidder to said NIT) with office at _____to submit tender in response to the said NIT with equipment _____ produced by us on the understanding and with the undertaking from our side that the product offered in not at the end of its life cycle and we shall provide expeditiously all spares and full maintenance support to the equipment's supplied by the bidder for this tender throughout a period of five year of warranty as required by the tender document. Confirm that the products meet the technical & functional requirements & Products quoted are latest version / specification and not the end of life

This is also to certify that all products are ISO 9001, International Certified, and Restriction of hazardous substances (RoHS) compliant.

Date: SIGNATURE OF AUTHORISED PERSON

Place: FULL NAME OF SIGNATORY

DESIGNATION AND SEAL OF SIGNATORY

Date: COUNTERSIGNATURE OF BIDDER

Place: NAME

DESIGNATION AND SEAL