

No. BT/A.12/03/2012
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Dated: 03.03.2017

NOTICE INVITING TENDER

**REQUIREMENT OF DIGITAL AUDIO VISUAL CONFERENCE SYSTEM WITH 65”
FULL HD LED TV IN THE DEPARTMENT OF BIOTECHNOLOGY (DBT)**

Sealed bids in two bid formats are invited from professionally competent and experienced firms / organizations for the supply and installation of Digital Audio Visual System of approved make i.e. DIS, SHURE, QUEST, SONY in the Department of Biotechnology, New Delhi. The specification of Digital Audio Visual Conference system is given at ANNEXURE-I.

2. The bids will be submitted in two parts namely the technical and financial bids. The technical bid will contain the profile of the bidding firms, vis-à-vis past experience in supplying of Digital Conferencing System to the Ministries/Departments of the Govt. of India, availability of infrastructure, etc. The technical bid (ANNEXURE-II) shall be followed by the financial bid (ANNEXURE-III) in a separate envelop which shall contain the quotes in terms of rupees for each item/unit. It may, however, be noted that financial bids of the firms which are successful in technical bids shall only be considered.

3. Separate envelops for technical and financial bids must reach to the undersigned in **Room No. 519, 5th Floor, Block No.3, CGO Complex, New Delhi by 3.00 P.M on 13.03.2017** in sealed covers clearly indicating “Technical/Financial quotation for Digital Audio Visual Conferencing System”. An amount of Rs.36,000/- (Rupees thirty six thousand only) in the form of Demand Draft/Pay Order favouring Drawing and Disbursing Officer, Department of Biotechnology, may be enclosed with the technical bid towards Earnest Money Deposit, without which the bids of a firm shall not be entertained.

The tender documents can be downloaded from the website of Central Public Procurement Portal (<https://eprocure.gov.in>) and also from DBT website <http://www.dbtindia.nic.in> on or before 13.03.2017 at 3.00 PM. The tender bid opening will be held in Room No.503, Block No.3, CGO Complex, Lodhi Road, New Delhi.

(J. K. Dora)
Under Secretary to the Govt. of India
Tele: 011-24366268
E-mail: jagadish.dora@nic.in

CHECK LIST (Technical Bid)

The details in respect of the company are as follows:

S.No	Details	Page No.
1.	The Tender should be accompanied by earnest money of Rs. 36,000 (Rupees thirty six thousand only) in the form of Demand Draft/FDR drawn in favour of D.D.O., D.B.T., New Delhi, without which the Tender will not be considered.	
2.	The Bidder must be registered with Deptt. of Value Added Tax, Govt. of Delhi for local Sales Tax/VAT, Copies of Documentary proof of same must be enclosed.	
3.	The Bidder must have PAN No., Copies of Documentary proof of same must be enclosed.	
4.	The Bidder should have minimum turnover of Rs. 1 crore and above during each of the last two financial years. Necessary proof should be enclosed	
5.	Income tax returns for the last three years i.e. 2013-14, 2014-15 and 2015-16.	
6.	The Bidder must submit an undertaking on its letter head they have not been blacklisted by any State/Government/ Central Government/ PSU/ Department in India.	
7.	Past experience of working in similar job/work in Government Deptt/ Ministry/State Govt./PSU. Copies of work order received from them should be enclosed as proof.	
8.	All pages of the tender document and all enclosures should be serially numbered and signed by the bidder.	

SPECIFICATIONS

S.No	Description of Work	Unit	Qty.
1	Central Control Unit Frequency response : must fall in audible range 65 Hz- 16 KHz Total Harmonic Distortion : less than 0.1 % Operating temperature : 5 to 40 °C Should operate upto 250 conferencing inputs without any software or accessories Four (4) RJ45 female sockets Analog Audio Out – 8	Nos	01
2	Chairman Unit Digital Conference unit with Microphone On/Off push button with chairman priority Delegate Off push button for switching off all active delegate microphone Delegate Off LED Indicator for all active delegate microphones off Speak LED indicator for chairman microphone on. Compact design Include long gooseneck microphone with length of $\geq 15"$ to $\leq 24"$ With Inbuilt Speakers	Set	01
3	Delegate Unit Digital Conference unit with Microphone On/ Off Push button to activate/Deactivate the microphone "Request" LED Indicator for microphone "Speak" LED Indicator for Microphone ON Compact design Should Include long gooseneck microphone with length of $\geq 15"$ to $\leq 24"$ Frequency response : should fall in audible range 65 Hz – 16 KHz Sensitivity : equal to or better than - 52 dB With Inbuilt Speakers	Set	20
4	Ceiling Speaker Power Output 30 W Over all Dia 6-8" Line Voltage 70V/100V	Nos.	08
5	Amplifier Power output : 240W Signal to noise: ≥ 85 db Total Harmonic Distortion $\leq 0.1\%$ at 1khz Speaker output - 70V/100V	Nos.	01
6	Wireless Handheld Mic	No.	01
7	Equipment Rack for housing above mention control equipments. (Customized)	Nos.	01
8	Recording Facilities Support Media: Compact Flash card (512MB-64GB, Type 1 Only) SD (512MB-2GB)/SDHC (4GB-32GB)card	Nos.	01

	USB memory (512MB-64GB) CD-R, CD-R-DA, CD-RW, CD-RW-DA Recording format: WAV- stereo/mono, 44.1kHz/48kHz, 16bit MP3- stereo/mono, 44.1kHz/48kHz, 64kbps- 320kbps CD-DA- stereo, 44.1 kHz Playback format: WAV- stereo/mono, 44.1kHz/48kHz, 16/24bit MP3- stereo/mono, 44.1kHz/48kHz, 64kbps- 320kbps CD-DA- stereo, 44.1 kHz Number of channels: 2 mono (or 1 stereo)		
9	65” Full HD LED TV (Resolution 3840x2160), Smart TV , (Audio Out Put 7.5W+7.5W+7.5W+7.5W),Motionflow™ XR 800 Hz(native 100 Hz), (HDMI 04 Nos.), (USB 03 Nos.), (Celerity 4K X-Reality PRO) (Ethernet 01) (PICTURE PROCESSOR 4K Processor X1™)	No.	01
10	Pop up Presentation Point with VGA,HDMI, Audio, Power socket with LAN	No	01
11	HDMI Cable (15-20 Mtrs)	No	01
	Installation Charges	Lot	

A. GENERAL CONDITIONS SHALL BE AS UNDER: -

- a) Tender can be submitted by Original Equipment Manufacturers (OEM) directly or through its authorized distributors regularly supplying to Government Department/ Ministries. In this regard, certificates for successful execution of such services by the bidder shall be submitted from Government offices with technical tender bid as already indicated.
- b) Bidder should submit ink signed authorization certificate from OEM to the department along with technical bid.
- c) The bid should be accompanied by a pay Order/Demand Draft of Rs. 36,000/- (Rupees thirty six thousand only) favouring "Drawing and Disbursement Officer, Department of Biotechnology" towards EMD. The bids not accompanied with the above Pay order/Demand Drafts, shall be summarily rejected. The EMD of unsuccessful bidders will be returned to them on completion of the tender process. The EMD of the successful bidder(s) shall be returned after timely delivery & successful installation. No interest shall be paid on the EMD. If any of the selected bidder, refuses or is unable to execute the order, the EMD will be forfeited.
- d) The bids will be examined by a Committee of Officers including technical officers of the Department which may call for clarifications/ additional information from the vendors, if required, which must be furnished to the Committee in a stipulated time.
- e) The prices quoted should be Local Delivery at site inclusive of all taxes, duties, levies, VAT, transport, Entry Tax, Octroi, Transit insurance, loading-unloading, installation charges etc. The rate should be firm and valid for 06 months from the date of tender Closing i.e 13.03.2017. No price escalation on any ground whatsoever will be entertained during the period of validity of the rates.
- f) Tender should strictly conform to the specifications. Tender not conforming to the specifications will be rejected summarily.
- g) Any incomplete or ambiguous terms/conditions/quotes will disqualify the offer. All the items/components mentioned in this tender notice will be reckoned as one item for the purpose of arriving at L1 rates. However, if there are wide variations in individual item rates, then sourcing of the lowest rates for different items from different bidders will be resorted to. The DBT reserves the right to change location or increase/decrease the number of location where equipments are to be supplied. DBT also reserves the right to order individually, any one or more of the item (s) for any of its location till the validity of rates.
- h) DBT reserves the right to accept/reject any or all bids without assigning any reasons thereof.
- i) Any set of terms and conditions from the Vendors will not be acceptable to DBT.
- j) DBT reserves the right to stop the tender process at any stage and go in for fresh tendering without assigning any reasons.
- k) The bids should be valid for 6 month and L1 vendor is bound to execute the orders placed at L1 rates during the currency of the tender.
- l) DBT reserves the right to impose and recover penalty from the vendors who violate the terms & conditions of the tender including refusal to execute the order placed on them for any reasons.
- m) DBT has the right to reject the goods on receipt at site during final inspection and testing by a committee of officers. However, such rejection should be strictly

- within the contractual terms & conditions and no new conditions should be adopted while rejecting the good during final inspection.
- n) No binding legal relationship will exist between any of the bidders and DBT until execution of a contractual agreement. Bids must remain valid and open for evaluations according to their terms for a period of at least six (6) months from the date/time of submission of Bids. Bids valid for less than 6 month are liable to be rejected.
 - o) The vendor (if selected) shall supply new and unused items.
 - p) The items should be delivered and installed within 2 weeks, from the date placing the Purchase Order. In case any vendor awarded the contract is unable to deliver equipment by the stipulated delivery date, DBT will charge a penalty of 1% of order value for each week delay, subject to a maximum of 5% of the order value. The amount of penalty so calculated shall be deducted at time of making payment. The DBT also reserves the right to cancel the purchase order for delay beyond five week. In the event of cancellation of the forfeited. Time shall be essence of the contract. No Advance Payment will be released along with purchase order.
 - q) OEM Sales/Service Centre in India from last 2 Years. OEM must provide the letter of Authorization to the bidder and ensuring after sales support for next 5 years. The Bidder must be associated with te OEM as a dealer for minimum last 2 years. Prices FOR Site & SITC inclusive of all taxed.
 - r) The sealed envelopes containing the quotation will be submitted to the Under Secretary (Admin), latest by **3.00 PM on 13.03.2017 at room No.519, Block No.3. and the same will be opened on the same day at Room No. 503, Block 3, CGO Complex, Lodhi Road, New Delhi** in the presence of the participating bidders who wish to participate. The quotations received after the said time limit shall not be considered.
 - s) All pages should be serially numbered
 - t) First page of the Tender should be the check list of technical bids with page numbers.

B. PARTIES: - The parties to the Contract are the contractor (the bidder to whom the work will be awarded) and the Under Secretary to the Govt. of India, Department of Biotechnology, New Delhi.

C. ADDRESSES: - For all purposes of the contract including arbitration there under, the address of the contractor mentioned in the tender shall be final unless the contractor notifies a change of address by a separate letter sent to the Under Secretary to the Govt. of India, Department of Biotechnology, CGO Complex, Lodhi Road, New Delhi – 110003. The contractor shall be solely responsible for the consequences of any omission or errors in notifying changes in address.

D. The successful bidder will have to submit the Performance Security @ 10% of order value of the contract within 7 days on receipt of the work order either in the form of a) Bank Guarantee issued by a reputable Bank or in (b) Demand Draft payable to DDO, DBT, New Delhi. The Performance Security should remain valid for a period of sixty days beyond the date of completion of all contractual obligations by the supplier. EMD will be refunded to the successful bidder on receipt of Performance Security.

E. INVITATION FOR BIDS: -

Invitation for bids through the Tender Notice is for selection of the firm (also called the 'bidder'). Sealed bids prepared in accordance with the procedures enumerated in this Tender Notice should be submitted to the following address on or before 02:30 PM on to the Under Secretary to the Govt. of India, Department of Biotechnology, Room No.519, 5th Floor, Block No.3, CGO Complex, Lodhi Road, New Delhi -110003. The bids will be opened on the same day at 3.00 PM.

The bidder is expected to examine all instructions, forms, terms and conditions in the Tender Notice. The bid should be precise, complete and in the prescribed format as per the requirements detailed in this Tender Notice. All the pages comprising the technical and financial bid shall be serially numbered. Failure to furnish all information required, or submission of a bid not conforming to the requirements in every respect will be at the Bidder's risk and may result in rejection of the bid and forfeiture of Earnest Money Deposit.

F. EARNEST MONEY DEPOSIT (EMD): -

The Bidders must enclose Demand Draft/ Pay Order for Rs. 36,000 (Rupees thirty six Thousand only), as Earnest Money along with the Technical Bid, in favour of "DDO, DBT payable at New Delhi as per detail mentioned above. The EMD of unsuccessful bidders shall be returned without any interest only after finalization of the tender and after the successful bidder signs the contract. EMD of the successful bidder shall be returned to the agency without interest after the agency signs the contract and along with a Performance Bank Guarantee (PBG) equal to 5% of the contract value. Non-submission of Earnest Money will summarily lead to rejection of the Bid. Also, proper documents are to be furnished in case of claiming exemption from the same.

Performance Bank Guarantee shall be released after all contractual obligations by the supplier including warranty obligation is over. This can be withheld or forfeited in full or in part in case the work order is not executed satisfactorily and up to the required quality within the stipulated period within the warrantee period to the best satisfaction of the user/DBT.

G. FORFEITURE OF EMD: -

The EMD will be forfeited if the agency

- Withdraws the bid during the period of bid validity.
- Does not accept the correction of errors.
- If the successful Bidder fails to sign the Contract within the time stipulated by the DBT.
- Adopts unfair practices to influence the outcome of the bid process.

H. VALIDITY PERIOD: -

The bids shall remain valid for three months after the date of bid opening prescribed by DBT depending upon the programme of work and performance of the farm. On completion of the validity period, unless the bidder withdraws his proposal in writing, it will be deemed to be valid until such time that the bidder formally (in writing) withdraws his proposal. DBT holds the rights to reject a bid valid for a period shorter than one year as nonresponsive.

I. DISQUALIFICATION

DBT reserves the right to reject bids in the following cases: -

- The Bids which are received after due date and time.
- Bids not accompanied by all requisite documents along with the Earnest Money Deposit (EMD).
- If the hard copy of financial bid is not signed by the authorized signatory of the agency.
- Bids not substantially responsive and not submitted in accordance with the required formats.
- If the agency increases the quoted prices during the validity of the bid or its extended period, if any.
- If the bidder submits the bid specifying his own terms and conditions.
- Information submitted in technical bid is found to be misrepresented, incorrect or false.
- Financial bid is placed in the same envelope as technical bid.
- Bidder fails to deposit the Performance Bank Guarantee (PBG) or fails to enter into a contract within 15 working days of the date of notice of award of contract or within such extended period, as may be specified by DBT.
- If bidders not submit ink sign authorization by OEM in technical bid.

J. DEADLINE FOR SUBMISSION OF BIDS: -

The Bids (both Technical and Financial) must be received at Room No.519, 5th Floor, Block No.3, Department of Biotechnology, CGO Complex, Lodhi Road, New Delhi – 110003 not later than 3.00 pm on 13.3.2017. In the event of the specified date for the submission of Bids being declared a Government holiday, the Bids will be received up to the appointed time on the next working day.

Extension of last date for Submission: DBT may, at its own discretion, may extend the deadline for submission of bids and notify the same through the website, in which case all rights and obligations of DBT and Bidders will thereafter be subject to the deadline as extended.

K. LATE BIDS: -

Any bid received by DBT after the deadline / extended deadline for submission of bids prescribed by DBT will be summarily rejected and returned unopened to the Bidder. DBT shall not be responsible for any postal delay or non-receipt/ non-delivery/ incomplete bids. No further correspondence on this will be entertained.

L. PRICE: -

The price would be inclusive of all taxes, duties, charges and levies as applicable. The bidder may indicate separately such charges in the bid. The prices, once offered, must remain fixed and must not be subject to escalation, for any reason whatsoever, within the period of contract. A proposal submitted with an adjustable price quotation or conditional proposal will be rejected as nonresponsive.

M. MODIFICATION AND WITHDRAWAL OF BIDS: -

The Bidder is not permitted to modify, substitute, or withdraw the bid proposal after submission.

N. Acknowledgement of understanding of terms by submitting a bid, each agency shall be deemed to have acknowledged that it has carefully read all sections of this Tender Notice, including all forms and has fully informed itself as to all existing conditions and limitations.

O. BID SUBMISSION: -

Submission of bids shall be in accordance with the instructions given in the Table below.

Envelop 1 – Technical bid	The Technical Bid shall be in a sealed envelope duly filled as per the forms prescribed in this Tender Notice alongwith EMD. The sealed envelope should be superscribed "Technical Bid – Supply and installation of Digital Audio Visual Conference System with 65” Full HD LED TVS in the Department of Biotechnology (DBT)
Envelope 2: Financial Bid	The Financial Bid shall be submitted in a separate sealed envelope as per the forms prescribed of this Tender. The sealed envelope should be superscribed "Financial Bid Supply and installation of Digital Audio Visual Conference System with 65” Full HD LED TVS In The Department Of Biotechnology (DBT)".
Envelope 3	All the above 2 envelopes should be put in envelope 3 which shall be properly sealed and superscribed "Tender for Supply and installation of Digital Audio Visual Conference System With 65” Full HD LED TVS In The Department Of Biotechnology (DBT).
Note:	The outer and inner envelopes mentioned above shall indicate the name, address, and contact name along with phone number of the agency.

The bids shall be submitted to:

Under Secretary to the Govt. of India,
Room No.519, 5th Floor, Block No.3,
Department of Biotechnology,
CGO Complex, Lodhi Road,
New Delhi – 110003

Ph: 011-24361822

TECHNICAL BID
Bid Letter

To,

Ref. Tender No BT/A.12/03/2012 Dated

Sub: Proposal for supplying and installation of Digital Conference Audio Visual System in the Department of Biotechnology – Reg.

Sir,

Having examined the conditions of contract as in the eligibility and general instructions, scope of work and special terms and conditions, I/we, the undersigned, offer to undertake supply and install the digital conference audio visual systems in the Department of Biotechnology in conformity with conditions of contract and specifications for sum as may be ascertained in accordance with the technical and financial bids attached herewith and made part of this Bid.

I/We undertake, if our Bid is accepted, to supply and install the above items within 2 weeks and to complete delivery of all the services as specified in the work order within stipulated time mentioned in work order.

If our Bid is accepted, I/we will obtain the performance guarantees of a Scheduled Bank for a sum equal to 5% of the contract value for the due performance of contract and in accordance with the agreement and submit the same to DBT as Security Deposit.

I/We agree to abide by this Bid for a period of six months from the date fixed for Bid opening and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal Work Order of Contract is prepared and executed, this Bid together with your written acceptance thereof in your notification of award shall constitute a binding contract between us.

Bid submitted by us is properly sealed and prepared so as to prevent any subsequent alteration and replacement.

I/We also declare that the printed terms and conditions, if any at the back of our tender quotation or any other paper enclosed are not applicable.

I/We understand that you are not bound to accept the lowest or any bid, you may receive.

I/We enclose herewith the complete Technical Bid as required by you. Certified that I/we am/are:

A sole proprietor firm and the person signing the tender is the sole proprietor / constituted attorney of the sole proprietor, Or

A partnership firm and the person signing the tender is the signing authority and he/she has the authority to refer to arbitration disputes concerning the business of the partnership by the virtue of the partnership agreement/by virtue of general power of attorney. Or

A company and the person signing the tender is the constituted attorney. Or

The person signing the tender is the constituted attorney or authorized signatory of the primary party in case of consortium bidding.

We do undertake that, until a formal contract is prepared and executed, this bid, together with your acceptance thereof, the tender document and placement of letter of intent awarding the contract, shall constitute a binding contract between us.

Dated this..... day of..... 2017 Signature :.....

[NAME IN BLOCK LETTERS of the SIGNATORY]

In capacity of Duly authorized to sign the bid for and on behalf of.....

Name of Witness

Address.....

Name & Signature.....

Date:

Name & Signature of the Bidder

Or

Officer authorized to sign the Bid

Documents on the behalf of the bidder

Note :

- In case of authorized signatory the authorization letter on letter head of the firm must accompany.
- Delete whatever is not applicable. All corrections/deletions should invariably be duly attested by the person authorized to sign the tender document.

LETTER OF AUTHORISATION FOR ATTENDING BID OPENING

Subject: Authorization for attending bid opening
on.....(date) in the tender
of..... .

Following is hereby authorized to attend the bid opening for the tender mentioned above on
behalf of (Bidder)..... . Order of
Preference Name Specimen Signatures

Alternate Representative

Signatures of bidder

or

Officer authorized to sign the bid documents
on behalf of the bidder

Annexure B

Technical Bid

The details in respect of the company are as given under:

Name of Firm & Address and year of Establishment			
Name of the proprietor of the Agency			
Telephone No. of Agency and Proprietor			
S.No	Details	Yes/No	Page No. in the Tender
1.	The Tender should be accompanied by earnest money of Rs. 36,000 (Rupees thirty six thousand only) in the form of Demand Draft/FDR drawn in favour of D.D.O., D.B.T., New Delhi, without which the Tender will not be considered.		
2.	The Bidder must be registered with Deptt. of Value Added Tax, Govt. of Delhi for local Sales Tax/VAT, Copies of Documentary proof of same must be enclosed.		
3	The Bidder must have PAN No., Copies of Documentary proof of same must be enclosed.		
4.	The Bidder should have minimum turnover of Rs. 1 crore and above during each of the last two financial years. Necessary proof should be enclosed		
5.	Income tax returns for the last three years i.e. 2013-14, 2014-15 and 2015-16.		
6.	The Bidder must submit an undertaking on its letter head they have not been blacklisted by any State/Government/ Central Government/ PSU Department in India.		
7.	Past experience of working in similar job/work in Government Deptt/ Ministry/State Govt./PSU. Copies of		

	work order received from them should be enclosed as proof.		
8	All pages of the tender document and all enclosures should be serially numbered and signed by the bidder.		

This is certified that the above facts are true, complete and correct to the best of my knowledge and belief. This is also certified that this Agency is not black listed by any Government Department nor any criminal case is registered/pending against the Agency/Firm or its owner/partner anywhere in India. It is certified that I/We have read and understood the terms and conditions of the Tender Notice

(Signature of Proprietor)

FINANCIAL BID
Bid Letter (Financial Bid)

To

Sir,

I/ We declare that I/we am/are sole owner/authorized agents/ofThat we are equipped with adequate hardware and the same will be open for inspection by the representatives of DBT.

I/We hereby offer to provide Digital Audio Visual Conference System with 65” full HD LED TV in the Department of Biotechnology (DBT) at the prices and rates mentioned in the financial bid in Financial Bid Format of this Tender.

I/We do hereby undertake, that, in the event of acceptance of our bid, the Services shall be provided as stipulated in the work order and the tender terms and conditions to the Bid and that we shall perform all the incidental services. The prices quoted are inclusive of all charges inclusive of hardware/ software, infrastructure, manpower, indexing and all incidental charges incurred during the Scanning Digitization of Records of DBT.

I/We enclose here with the complete Financial Bid as required by you in Form 1. We have carefully read and understood the terms and conditions of the tender and the conditions of the contract applicable to the tender and we do hereby undertake to provide the services as per these terms and conditions.

Certified that we are:

a sole proprietorship firm and the person signing the tender is the sole proprietor/ constituted attorney of the sole proprietor,

Or

a partnership firm, and the person signing the tender is the firm and he has authority to refer to arbitration disputes concerning the business of the partnership by virtue of the partnership agreement/by virtue of general power of attorney,

Or

a company and the person signing the tender is the constituted attorney.

NOTE: - Delete whatever is not applicable. All corrections/deletions should invariably be duly attested by the person authorized to sign the tender document.

I/We do hereby undertake, that, until a formal contract is prepared and executed, this bid, together with your written acceptance thereof, the tender document and placement of letter of intent awarding the contract, shall constitute a binding contract between us/me.

Dated:

Name & Signature of authorized representative

Name of Agency :

Full Address :

Company Seal :

Detail of enclosures:

ANNEXURE III

Financial Bid Proforma

S.No	Description of items	Unit	Qty. Reqd.	Unit price	Total (4+5)	Tax (%)	Grand total (6+7)
1	2	3	4	5	6	7	
1	Central Control Unit Frequency response : must fall in audible range 65 Hz- 16 KHz Total Harmonic Distortion : less than 0.1 % Operating temperature : 5 to 40 °C Should operate upto 250 conferencing inputs without any software or accessories Four (4) RJ45 female sockets Analog Audio Out – 8	Nos	01				
2	Chairman Unit Digital Conference unit with Microphone On/Off push button with chairman priority Delegate Off push button for switching off all active delegate microphone Delegate Off LED Indicator for all active delegate microphones off Speak LED indicator for chairman microphone on. Compact design Include long gooseneck microphone with length of $\geq 15"$ to $\leq 24"$ With Inbuilt Speakers	Set	01				
3	Delegate Unit Digital Conference unit with Microphone On/ Off Push button to activate/Deactivate the microphone "Request" LED Indicator for microphone "Speak" LED Indicator for Microphone ON Compact design Should Include long gooseneck microphone with length of $\geq 15"$ to $\leq 24"$ Frequency response : should fall in audible range 65 Hz – 16 KHz Sensitivity : equal to or better than - 52 dB With Inbuilt Speakers	Set	20				
4	Ceiling Speaker Power Output 30 W Over all Dia 6-8" Line Voltage 70V/100V	Nos.	08				
5	Amplifier Power output : 240W Signal to noise: ≥ 85 db Total Harmonic Distortion $\leq 0.1\%$ at 1khz, Speaker output - 70V/100V	Nos.	01				

6	Wireless Handheld Mic	No.	01				
7	Equipment Rack for housing avoce mention control equipments.	Nos.	01				
	(Customized)						
8	Recording Facilities Support Media: Compact Flash card (512MB-64GB, Type 1 Only) SD (512MB-2GB)/SDHC (4GB-32GB)card USB memory (512MB- 64GB) CD-R, CD-R-DA, CD-RW, CD-RW-DA Recording format: WAV- stereo/mono, 44.1kHz/48kHz, 16bit MP3- stereo/mono, 44.1kHz/48kHz, 64kbps-320kbps CD-DA- stereo, 44.1 kHz Playback format: WAV- stereo/mono, 44.1kHz/48kHz, 16/24bit MP3- stereo/mono, 44.1kHz/48kHz, 64kbps-320kbps CD-DA- stereo, 44.1 kHz Number of channels: 2 mono (or 1 stereo)	Nos.	01				
9	65" Full HD LED TV (Resolution 3840x2160), Smart TV , (Audio Out Put 7.5W+7.5W+7.5W+7.5W),Motion flow™ XR 800 Hz(native 100 Hz), (HDMI 04 Nos.), (USB 03 Nos.), (Celerity 4K X-Reality PRO) (Ethernet 01) (PICTURE PROCESSOR 4K Processor X1™)	No.	01				
10	Pop up Presentation Point with VGA,HDMI, Audio, Power socket with LAN	No	01				
11	HDMI Cable (15-20 Mtrs)	No	01				
	Installation Charges	Lot					

Signature of the Authorized Representative

Authorized Person Name:

Seal