

**Tender Document**

**ICAR-NATIONAL BUREAU OF PLANT GENETIC RESOURCES  
PUSA CAMPUS, NEW DELHI-110012**

**E-TENDER FOR PURCHASE OF CONFERENCE SYSTEM INCLUDING AUDIO  
VISUAL SYSTEMS AND PROJECTOR**

**Ref: 5(132)/Purchase/2017**

**e-TENDER DOCUMENT**

**ICAR-NATIONAL BUREAU OF PLANT GENETIC RESOURCES  
PUSA CAMPUS, NEW DELHI-110012**

Phone:011-25841022  
web: [www.nbpgr.ernet.in](http://www.nbpgr.ernet.in)

email:[nbpgr.aaopurchase@icar.gov.in](mailto:nbpgr.aaopurchase@icar.gov.in)

### **E-PROCUREMENT TENDER NOTICE**

ICAR-National Bureau of Plant Genetic Resources, Pusa, New Delhi-12 invites tenders under Two Bids System (Technical and Financial) from reputed & eligible agencies through e-procurement for **E-TENDER FOR PURCHASE OF CONFERENCE SYSTEM INCLUDING AUDIO VISUAL SYSTEMS AND PROJECTOR** For an ICAR funded project.

Item	Details/Date
Bid Document Download Start Date	11.09.2018 at 2:00 PM
Bid Submission Start Date	12.09.2018 at 10:00 AM
Bid Submission End Date	09.10.2018 at 2.30 PM
Technical Bid Opening Date	10.10.2018 at 2.30 PM

#### **Notes:**

1. All details regarding the subject tender are available on our websites [www.nbgr.ernet.in](http://www.nbgr.ernet.in) and <https://eprocure.gov.in/eprocure/app>. Bidders are therefore, requested to visit our websites regularly to keep themselves updated.
2. **Manual bids shall not be accepted.**
3. For submission of E-Bids, bidders are required to get themselves registered with <http://eprocure.gov.in/eprocure/app>.
4. EMD should reach The Assistant Admn. Officer (Purchase), ICAR-National Bureau of Plant Genetic Resources, New Delhi, before the end date and time of bid submission. Failing which the offer will be liable for rejection. Bidder, however have to attach scanned copies of EMD along with their e-tender.
5. Clarifications/ queries, if any, can be addressed to The Assistant Admn. Officer, Purchase, ICAR-National Bureau of Plant Genetic Resources, New Delhi, on phone:011-25841022 and email:nbgr.aopurchase@icar.gov.in.
6. Warranty should be atleast One Years.



(U.C. Sharma)  
Administrative Officer

## INFORMATION & INSTRUCTIONS FOR BIDDERS

Earnest Money Deposit	₹ 20000/- (Rupees Twenty Thousand only) in the form of Fixed Deposit Receipt (FDR)/Demand Draft in favour of <b>ICAR-National Bureau of Plant Genetic Resources, New Delhi-12</b> , Payable at Delhi. EMD should reach The Assistant Admn. Officer (Purchase), ICAR-National Bureau of Plant Genetic Resources, New Delhi-12 before the end date and time of bid submission. Bidders, however, have to attach scanned copies of EMD documents along with the e-tender (technical bid).
Issue of Tender Document	Tender Document may be down-loaded from the NBPGR website <a href="http://www.nbpgr.ernet.in">www.nbpgr.ernet.in</a> and CPP portal <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a> as per the schedule.
Bid Document Download Start Date	11.09.2018, 2.00 PM
Bid Submission Start Date	12.09.2018, 10.00 AM
Bid Submission End Date	09.10.2018, 2.30 PM
Technical Bid Opening Date	10.10.2018, 2.30 PM

### Scope of Work:

The bidder shall Supply, Install, Test, Connect and Commission a high quality fast-acting Fully Digital conference Professional Chairman and Delegate System as per Tender technical specification:

The system should have the Chairman and Delegate microphones along with wall Hanging Speakers & Connectivity of Cables. All devices used are standard & no customization is to be done, supplier has to submit all the datasheets of the devices including accessories.

The Bidder shall be required to train and instruct client's personnel in the correct use, operation and supervision of the system, preferably prior to the handing over of the project. The contractor shall ensure that all system components offered shall be manufactured by a manufacturer with back ground of min of 1 year Warranty Support with a Local India support representative from Original Equipment Manufacturer in Delhi and NCR. The original Equipment/Manufacturer should have his office and Service Centre in the Delhi/Noida/Gurgaon/Ghaziabad.

Bidder should submit a letter from the original Equipment Manufacturer confirming their support for Bidding the Tender for supply and service and this letter should be Addressed to M/s. NBPGR (National Bureau of Plant and Genetics Resources) Pusa Road New Delhi and the same should be submitted along with Bid. Bidders who are not Enclosing the Letter along with the Bid for Participating in Tender will be rejected. Compliance Sheet.

All Audio projects like Chairman Unit, Delegate Unit, Conference controller, Power supplies, Handheld Microphones, Cordless microphones should be of same make and bidder should

submit a list of item quoted along with Model numbers and make without which the offer will be rejected

## **1. Bid Submission**

**“Technical Bid”** shall be submitted as per **Annexure I**

**“Financial Bid”** shall be submitted as per **Annexure II**

Bids shall be submitted online only at CPP portal:  
<https://eprocure.gov.in/eprocure/app>.

Tenderer/contractor are advised to follow the instructions provided in the ‘Instructions to the Contractor/Tenderer’ for the e-submission of the bids online through the Central Public Procurement Portal for e-procurement at <https://eprocure.gov.in/eprocure/app>.

Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

Tenderer who has downloaded the tender from the Institute website [www.nbpgr.ernet.in](http://www.nbpgr.ernet.in) and Central Public Procurement Portal (CPPPP) <https://eprocure.gov.in/eprocure/app>, shall not tamper/modify the tender form including downloaded price bid template in any manner. In case if the same is found to be tempered/modified in any manner, tender will be summarily rejected and EMD would be forfeited and tenderer is liable to be banned from doing business with ICAR-NBPGR.

Intending tenderers are advised to visit again Institute website [www.nbpgr.ernet.in](http://www.nbpgr.ernet.in) and CPP Portal <https://eprocure.gov.in/eprocure/app> at least 3 days prior to closing date of submission of tender for any corrigendum / addendum/ amendment.

## **2. OPENING OF FINANCIAL BID AND EVALUATION**

Financial bids of eligible and technically qualified bidder will be opened. The lowest financial bid in respect of ` will be considered for award.

Tenders with no earnest money deposit will be summarily rejected. In case of successful bidder of the financial bids, the earnest money deposit will be returned on submission of performance Bank Guarantee.

In the case of unsuccessful bidders, the Earnest Money Deposit will be refunded without any interest.

## **3. FINAL DECISION MAKING AUTHORITY**

The Institute reserves the right to accept or reject any bid and to annul the process and reject all bids at any time, without assigning any reason or incurring any liability to the bidders. No claim whatsoever will be entertained/paid by the Institute to the bidder(s).

## **4. SUMMARY REJECTION OF TENDER:**

The tenders not accompanied with Earnest Money Deposit, will be summarily rejected. Similarly, if the bidder proposes any alteration in or additions to the prescribed form of tender or decline to carry out any work of the tender document; or any conditions mentioned, etc., his tender is liable to be rejected.

## **5. AMENDMENT OF TENDER DOCUMENT:**

Before the deadline for submission of tender, the Institute may modify the tender document by issuing addendum/corrigendum.

6. Any addendum/corrigendum thus issued shall be a part of the tender document and shall be uploaded on the Institute website ([www.nbpgr.ernet.in](http://www.nbpgr.ernet.in)) and CPP portal <https://eprocure.gov.in/eprocure/app>. Prospective bidders must visit the website before filling and submission of Tender Document for such information.

#### **7. ARBITRATION AND SETTLEMENT OF DISPUTES:**

In the event of any question, dispute or difference arising under this agreement or in connection therewith (except as to matter the decision of which is specifically provided under this agreement), the same shall be referred to sole arbitration of the Senior Administrative Officer or any other person as approved by the Director, ICAR-National Bureau of Plant Genetic Resources, New Delhi-12. There will be no objection for any such appointment on the found that the arbitrator is an Employee of NBPGR or that he/she has to deal with the matter to which the agreement relates or that in course of his/her duties as ICAR Employee he/she has express views on all or any of the matter under dispute. The award of the arbitrator shall be final and binding on the parties.

The arbitrator may from time to time with the consent of parties change the time for making and publishing the award. Subject to India Arbitration and Conciliation Act 1996 and the Rules made there under, any modification thereof for the time being in force shall be deemed to apply to the arbitration proceeding under this clause.

#### **8. TERMS OF PAYMENT**

**PAYMENT MODE:** After, the award of the contract the vendor has to submit the bill. The Payment will be released though RTGS after providing of job performance certificate from concerned departments/branches/offices.

The break down maintenance call shall have to be attended within one week.

## INSTRUCTIONS FOR ONLINE BID SUBMISSION:

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.

### REGISTRATION

- 1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “**Online bidder Enrolment**” on the CPP Portal which is free of charge.
- 2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.
- 5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
- 6) Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

### SEARCHING FOR TENDER DOCUMENTS

- 1) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- 2) Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective ‘My Tenders’ folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
- 3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

### PREPARATION OF BIDS

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- 4) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy) has been provided to the bidders. Bidders can use “My Space” or “Other Important Documents” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

## **SUBMISSION OF BIDS**

- 1) Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidder has to select the payment option as “offline” to pay the EMD as applicable and enter details of the instrument.
- 4) Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- 5) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable.
- 6) The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 7) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 125 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 8) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 9) Upon the successful and timely submission of bids (ie after Clicking “Freeze Bid Submission” in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 10) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.
- 11) The rates for quoted shall be valid for a minimum period of 180 days from the last date fixed for submission of bid.
- 12) The rates quoted shall be free of cost delivery and installation at the Division/Unit of NBPGR, New Delhi. However quoted in foreign currency must be quoted on FOB/CIP.
- 13) The Director, NBPGR, New Delhi reserves the right to accept or reject any or all the



- quotations either in full or in parts without assigning any reason.
- 14) Quotations not complying with the above conditions are liable to be rejected.
  - 15) In case, any dispute arising out of this contract shall be subject to the jurisdiction of Indian laws & Court at New Delhi. Sole arbitrator is appointed by the Secretary, ICAR, New Delhi, His decision will be final and binding on both parties (Supplier & and Purchaser).
  - 16) The successful bidder has to execute the indented job/supply as mentioned in the supply order placed with them within the stipulated period as given in the supply order placed by this office failing which 0.5% per week and maximum of 10% deduction as liquidated damage charges will be made from the bill in case the job is not completed within the given stipulated period.

#### **ASSISTANCE TO BIDDERS**

- 1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- 2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.

## TECHNICAL BID

1. Name of the Company
2. Address (with Tele No. fax No. & e-mail )
3. Contact person Name and mobile number
4. (a) The number of years of experience in dealing **Conference System Including Audio Visual Systems and Projector** business. \_\_\_\_\_  
 (b) Total value per year of Business during the last three years  
 (Attested certificate from Chartered Accountant should be attached.)
5. (a) GST Registration Number \_\_\_\_\_
6. Technical details of **Conference System Including Audio Visual System and Projector** as per details given below:

### Technical Specification required for the Conference System Including Audio Visual System and Projector

#### Annexure –I Technical bid)

Sl. No.	Items	Qty.
1.	<b>Central Control Unit</b> Central control unit shall supply 52.8 v DC power and control data through a proprietary network bus for controlling up to Minimum 40 discussion units. System should support Graphical User Menu for 13 Languages with USB Conference Recording. System should Support up to 40 Units and controls up to 100 connected delegate and chairperson units. The remote delegate discussion units connected to the central control unit shall be hot-swappable during a conference. Should be able to record the conference on a USB memory device.` Electronically balanced XLR In & Out Should be able to support recording on an individual delegate or on an individual channel basis record minutes of meeting. Open Media Control Protocol over Ethernet Permanent malfunction monitoring and error diagnostics Integrated software package ,Conference Manager' can be used directly by connecting a Screen, Mouse and Keyboard. Make - Shure/Sennheiser/RCF/Passo/Braehler	01
2	<b>Chairman Unit</b> Chairman unit shall provide two buttons as control keys to cancel/mute microphones. Gooseneck Microphone with Super Cardioid Capsule Gooseneck length : 14" or more Gooseneck Microphone : Not detachable Connection : standard CAT5 cable Twin Loudspeaker THD : 0,03 % at 50 mW/16ohm or better Digital Signal processor limiter inbuilt Maximum power consumption : 3.8W or less Homogenous sound level from speaker 3.5mm headphone jack with volume control Operating voltage : 35 V to 52,8 V DC Priority and Next-Key for delegate control Push to Talk button Make - Shure/Sennheiser/RCF/Passo/Braehler	01
3.	<b>Delegate Unit</b> Delegate unit shall provide with Gooseneck Microphone with Super	15

	<p>Cardiod Capsule Gooseneck length : 14" or more  Gooseneck Microphone : Not detachable  Connection : standard CAT5 cable  Twin Loudspeaker  THD : 0,03 % at 50 mW/16ohm or better Digital Signal processor  limiter inbuilt Maximum power consumption : 3.8W or less  Homogenous sound level from speaker  3.5mm headphone jack with volume control  Operating voltage : 35 V to 52,8 V DC Push to Talk button  Make - Shure/Sennheiser/RCF/Passo/Braehler</p>	
04	<p><b>Loudspeaker</b>  4" small design cabinet loudspeaker, 100v/20watt  16ohm/ 70watt, wall bracket and safety chain included.  Make - Apart / Works/Shure/Beyerdynamic/JBL</p>	04
05	<p><b>Amplifier</b>  Amplifier which should have following specification:  Should be 19" Rack Mounted,  RMS output power 4 ohms 120 watts or  more, output power RMS 100 volts 120  watts or more,  line input unbalanced 4 or more,  One No Emergency Input  Priority levels 4 or more  frequency response (in Hz) 60 - 20K or  better power amp topology class-D  Mic inputs 3 or more  Cooling system convection  Make - Apart/Shure/RCF/Passo/Braehler</p>	01
06	<p><b>Mixer</b>  Mixer with 12 channel mixing console (with Effect) of  4 mono inputs &amp; 4 stereo line inputs or more;  Should have 24 or more Effects Presets ;  Frequency Response : 20Hz-48kHz or more;  Total Harmonic  Distortion (THD+N) : 0.03% or better ; Should have  compressor and EQ Knobs, Peak Level  Indicator; Power supply : External ; Phantom  power : +48V ; Power consumption : 22W or  better  Make - Yamaha/Allen n Health/RCF/Braehler</p>	01
07	<p><b>Wireless Handheld Microphone</b>  Wireless Handheld Microphone set: Transducer: Dynamic Pattern of  Mic: Cardioid, Up to 24 MHz switching Bandwidth, Should have Signal  to noise ratio &gt;102dBA, Total Harmonic Distortion: &lt;0.9%,  Transmitter sync should be on 2.4GHz,  Frequency Response: 80 to 16000Hz,  Sensitivity: &lt; 3 µV at 52 dB(A), Should have  rugged metal housing, Operating time: up to  10 hours, RF Power: 10mW.  Make - Sennheiser/Shure/RCF/Revolabs/Yamaha</p>	01

08.	<b>Lapel Microphone</b> Wireless Lapel Microphone set with Transducer, Condenser, Pre-polarised Polar Pattern of Mic should be Omni-directional, Max SPL: 130dB or better, Up to 24 MHz switching Bandwidth, Should have Signal to noise ratio >102dBA, Total Harmonic Distortion: <0.9%, Transmitter sync should be on 2.4GHz, Frequency Response: 50 to 16000Hz, Sensitivity: < 3 µV at 52 dB(A), Should have rugged metal housing, Operating time: up to 10 hours. Make - Sennheiser/Shure/RCF/Revolabs/Yamaha	01
09.	<b>Projector with Ceiling Mounting Kit</b> 4000 ANSI Lumens LCD Projector with WXGA Resolution(1280x800), Light Output should be 4000 (Normal), 3280 (Eco), 2680 (Eco-2), One HDMI, 2Nos USB for PC Less Presentation and Remote control mouse or PC screen display with Built in Lens and Contrast Ratio of 10000:1, Manual Zoom x 1.2, Manual Lens Focus, USB Type A for PC-less presentation, wireless network or optional wireless pen tablet, USB Type B for Remote control mouse or PC screen display, Digital Input with HDMI/MHL x1, HDMI x1 (Supporting HDCP decoding), Analog Input with 15 pin Mini D-Subx2, RCA Jack x 1, Video Input with 15 pin Mini D-Sub x 1 , Audio Input with 3.5mm Stereo Mini Jack x 1, RCA Jack (L/R) x 1, Audio Output with 3.5 mm stereo mini jack x1, RS232 C Control, Power Supply should be AC 100V-120V / AC 220V-240V (50/60Hz), Wired LAN, Digital Keystone Correction to be Horizontal ± 30°, Vertical ± 30°, Diagonal Display Size Should be 30-300", Throw Distance Should be .9-11.6m Make - Barco/Panasonic/BenQ/Hitachi/Christie	01
10.	<b>Rack</b> 19" Floor Mounted Networking Rack with 42U - 800W - 1000D with Mounting Hardware Packet	01
11.	Installation and Commissioning with Cables and Connectors	01 job

**NOTE: - PRICES TO BE OFFERED F.O.R. , ICAR-NATIONAL BUREAU OF PLANT GENETIC RESOURCES, NEW DELHI.**

**7.. Confirm the Attachment:-**

<b>S.No.</b>	<b>Document</b>	<b>Whether Attached (Y/N)</b>
1.	Whether the firm is in existence for three years or more in the trade in Central/State Govt/Autonomous bodies. If yes necessary documents should be attached.	
2	Have you attached copies of turnover of last three financial years	
3	Have you attached a copy of authorization certificate	
4	Have you attached a certificate regarding the technical assistance, repair and maintenance charges will be included in the financial bid	
5	Have you attached a copy of GST, PAN Registration Certificate.	
6	Have you attached details of complete address of the company office and service centre with names of contact person (s) and their telephone/mobile/fax numbers	
7	Have you attached a letter that company/vender has not been blacklisted by any state/central government/public section undertaking/Insitute in India in the last 3 years	
8	Have you attached a copy of the tender acceptance letter	

## **Declaration**

I hereby certify that the information furnished above are full and correct to the best of our knowledge. We understand that in case any deviation is found in the above statement at any stage, the company will be black-listed and will not have any deal with the Organizations in future.

**Authorized  
Signature with Seal  
of Company**

**Annexure –II Financial bid**

Sl. No.	Items	Qty (aprox.)	Amount
1.	<b>Central Control Unit</b> Central control unit shall supply 52.8 v DC power and control data through a proprietary network bus for controlling up to Minimum 40 discussion units. System should support Graphical User Menu for 13 Languages with USB Conference Recording. System should Support up to 40 Units and controls up to 100 connected delegate and chairperson units. The remote delegate discussion units connected to the central control unit shall be hot-swappable during a conference. Should be able to record the conference on a USB memory device. Electronically balanced XLR In & Out Should be able to support recording on an individual delegate or on an individual channel basis record minutes of meeting. Open Media Control Protocol over Ethernet Permanent malfunction monitoring and error diagnostics Integrated software package ,Conference Manager' can be used directly by connecting a Screen, Mouse and Keyboard. Make - Shure/Sennheiser/RCF/Passo/Braehler	01	In BoQ
2	<b>Chairman Unit</b> Chairman unit shall provide two buttons as control keys to cancel/mute microphones. Gooseneck Microphone with Super Cardioid Capsule Gooseneck length : 14" or more Gooseneck Microphone : Not detachable Connection : standard CAT5 cable Twin Loudspeaker THD : 0,03 % at 50 mW/16ohm or better Digital Signal processor limiter inbuilt Maximum power consumption : 3.8W or less Homogenous sound level from speaker 3.5mm headphone jack with volume control Operating voltage : 35 V to 52,8 V DC Priority and Next-Key for delegate control Push to Talk button Make - Shure/Sennheiser/RCF/Passo/Braehler	01	In BoQ
3.	<b>Delegate Unit</b> Delegate unit shall provide with Gooseneck Microphone with Super Cardioid Capsule Gooseneck length : 14" or more Gooseneck Microphone : Not detachable Connection : standard CAT5 cable Twin Loudspeaker THD : 0,03 % at 50 mW/16ohm or better Digital Signal processor limiter inbuilt Maximum power consumption : 3.8W or less Homogenous sound level from speaker 3.5mm headphone jack with volume control Operating voltage : 35 V to 52,8 V DC Push to Talk button Make - Shure/Sennheiser/RCF/Passo/Braehler	15	In BoQ

04	<b>Loudspeaker</b> 4" small design cabinet loudspeaker, 100v/20watt 16ohm/ 70watt, wall bracket and safety chain included. Make - Apart / Works/Shure/Beyerdynamic/JBL	04	In BoQ
05	<b>Amplifier</b> Amplifier which should have following specification: Should be 19" Rack Mounted, RMS output power 4 ohms 120 watts or more, output power RMS 100 volts 120 watts or more, line input unbalanced 4 or more, One No Emergency Input Priority levels 4 or more frequency response (in Hz) 60 - 20K or better power amp topology class-D Mic inputs 3 or more Cooling system convection Make - Apart/Shure/RCF/Passo/Braehler	01	In BoQ
06	<b>Mixer</b> Mixer with 12 channel mixing console (with Effect) of 4 mono inputs & 4 stereo line inputs or more; Should have 24 or more Effects Presets ; Frequency Response : 20Hz-48kHz or more; Total Harmonic Distortion (THD+N) : 0.03% or better ; Should have compressor and EQ Knobs, Peak Level Indicator; Power supply : External ; Phantom power : +48V ; Power consumption : 22W or better Make - Yamaha/Allen n Health/RCF/Braehler	01	In BoQ
07	<b>Wireless Handheld Microphone</b> Wireless Handheld Microphone set: Transducer: Dynamic Pattern of Mic: Cardioid, Up to 24 MHz switching Bandwidth, Should have Signal to noise ratio >102dBA, Total Harmonic Distortion: <0.9%, Transmitter sync should be on 2.4GHz, Frequency Response: 80 to 16000Hz, Sensitivity: < 3 µV at 52 dB(A), Should have rugged metal housing, Operating time: up to 10 hours, RF Power: 10mW. Make - Sennheiser/Shure/RCF/Revolabs/Yamaha	01	In BoQ
08.	<b>Lapel Microphone</b> Wireless Lapel Microphone set with Transducer, Condenser, Pre-polarised Polar Pattern of Mic should be Omni- directional, Max SPL: 130dB or better, Up to 24 MHz switching Bandwidth, Should have Signal to noise ratio >102dBA, Total Harmonic Distortion: <0.9%, Transmitter sync should be on	01	In BoQ



	2.4GHz, Frequency Response: 50 to 16000Hz, Sensitivity: < 3 µV at 52 dB(A), Should have rugged metal housing, Operating time: up to 10 hours. Make - Sennheiser/Shure/RCF/Revolabs/Yamaha		
09.	<b>Projector with Ceiling Mounting Kit</b> 4000 ANSI Lumens LCD Projector with WXGA Resolution(1280x800), Light Output should be 4000 (Normal), 3280 (Eco), 2680 (Eco-2), One HDMI, 2Nos USB for PC Less Presentation and Remote control mouse or PC screen display with Built in Lens and Contrast Ratio of 10000:1, Manual Zoom x 1.2, Manual Lens Focus, USB Type A for PC-less presentation, wireless network or optional wireless pen tablet, USB Type B for Remote control mouse or PC screen display, Digital Input with HDMI/MHL x1, HDMI x1 (Supporting HDCP decoding), Analog Input with 15 pin Mini D-Subx2,RCA Jack x 1, Video Input with 15 pin Mini D-Sub x 1 , Audio Input with 3.5mm Stereo Mini Jack x 1, RCA Jack (L/R) x 1, Audio Output with 3.5 mm stereo mini jack x1, RS232 C Control, Power Supply should be AC 100V-120V / AC 220V-240V (50/60Hz), Wired LAN, Digital Keystone Correction to be Horizontal ± 30°, Vertical ± 30°, Diagonal Display Size Should be 30-300", Throw Distance Should be .9-11.6m Make - Barco/Panasonic/BenQ/Hitachi/Christie	01	In BoQ
10.	<b>Rack</b> 19" Floor Mounted Networking Rack with 42U - 800W - 1000D with Mounting Hardware Packet	01	In BoQ
11.	Installation and Commissioning with Cables and Connectors	01 job	In BoQ

**TENDER ACCEPTANCE LETTER**  
(To be given on Company Letter Head)

To,

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sub: Acceptance of Terms & Condition of Tender.

Tender Reference No: \_\_\_\_\_

Name of Tender / Work:-

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Dear Sir,

1. I/We have downloaded/obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely:

\_\_\_\_\_  
\_\_\_\_\_

As per your advertisement, given in the above mentioned website(s).

2. I/We hereby certify that I/we have read the entire terms and conditions of the tender documents from Page No. \_\_\_\_ to \_\_\_\_ (including all documents like annexure(s), schedule(s), etc.), which form part of the contract agreement and I/we shall abide hereby by the terms / conditions/ clauses contained therein.
3. The corrigendum(s) issued from time to time by your department / organization too have also been taken into consideration, while submitting this acceptance letter.
4. I/we hereby unconditionally accept the tender conditions of above mentioned tender document(s)/corrigendum(s) in its totality/entirely.
5. I/we do hereby declare that our firm has not been blacklisted/debarred by any Govt. Department/Public Sector undertaking.
6. I/we certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours faithfully,

(Signature of the Bidder, with Official Seal)