# **NOTICE INVITING e-TENDER**

Online Tender documents are invited for Implementation of Audio-Visual and Video Conferencing Facility between Kolkata Session Court and Darjeeling Session Court from Original Equipment Manufacturer (OEM) / Authorised distributors / dealers / reputed organizations / Authorised System Integrator. Reputed System Integrators having sufficient experience and credentials for successful completion of "Similar Nature" of work in a Government Department/PSU/Autonomous Body or any reputed organization. Bidder must have adequate Service Engineer for providing on-site warranty service within the stipulated time.

1.	Tender No. & Date	WTL/PWD/VC/19-20/001 dated 08.04.2019		
2.	Tender Version No.	1.0		
3.	Brief description of Job	Implementation of Audio-Visual and Video Conferencing Facility between Kolkata Session Court and Darjeeling Session Court.		
4.	Tender Fee	Rs. 6000.00 (Rupees Six thousand only) in the form of Demand Draft from any Scheduled bank in favour of Webel Technology Limited payable at Kolkata		
5.	Earnest Money Deposit	Rs. 300000.00 (Rupees Three lakh only) in the form of Demand Draft from any Scheduled bank in favour of Webel Technology Limited payable at Kolkata		
6.	Date of Downloading	08.04.2019		
7.	Pre-Bid Meeting date & time	<ul> <li>16.04.2019 at 12.00 Hrs</li> <li>Only two persons for each intending bidder's organization will be allowed to attend the Pre Bid Meeting.</li> <li>The Person should have proper authorization in respective company Letter Head.</li> <li>Only queries as per format (Section - N) reaching WTL by 15.04.2019 at 12.00 Hrs will be taken for decision.</li> <li>Queries will be sent to Manager (Purchase) (arunava.saha@wtl.co.in) / Ms. Anita Dey (anita.dey@wtl.co.in) and copy to Mr. P. S. Mitra (psmitra@wtl.co.in).</li> </ul>		
8.	Bid Submission Start date & time	25.04.2019 at 14.00 Hrs		
9.	Date & time of EMD & Tender Fee submission	02.04.2019 at 11.00 Hrs		
10.	Date & time of Bid Submission	30.04.2019 at 12.00 Hrs		
11.	Date & time of Technical Bid Opening	02.05.2019 at 12.00 Hrs		
12.	Venue of Pre-Bid Meeting & submission of EMD & Tender Fee	WEBEL TECHNOLOGY LIMITED (A Govt. of West Bengal Undertaking) Plot - 5, Block – BP, Sector – V, Salt Lake City, Kolkata – 700091.		
13.	WTL Contact Person	Mr. Arunava Saha, Contact no. 23673403-06, Ext. 212 Ms. Anita Dey, Contact no. 23673403-06, Ext. 231 Mr. P. S. Mitra, Contact no. 23673403-06, Ext. 214		

- tender documents from the 1. Intending bidder download may the https://wbtenders.gov.in directly with the help of Digital Signature Certificate. Necessary cost of tender fee may be remitted through Demand Draft issued from any Scheduled Bank in favour of "Webel Technology Limited", payable at Kolkata and also to be documented through e-filling. Cost of Earnest Money Deposit (EMD) may be remitted through Demand Draft issued from any Scheduled Bank in favour of "Webel Technology Limited", payable at Kolkata and also to be documented through e-filling. The original Demand Draft against Tender Fee & Earnest Money Deposit (EMD) should be submitted physically to the Manager (Purchase)/Manager (Finance), Webel Technology Limited, Plot - 5, Block - BP, Sector-V, Salt Lake City, Kolkata-700 091 under sealed cover on or before 11:00 Hrs of 02.02.2019.
- 2. Both Techno Commercial Bid and Financial Bid are to be submitted concurrently duly digitally signed in the website <a href="https://wbtenders.gov.in">https://wbtenders.gov.in</a>
- 3. Tender documents may be downloaded from website and submission of Techno Commercial Bid and Financial Bid will be done as per Time Schedule stated in Section C of this Tender Document.
- 4. The Financial Bid of the prospective Bidder will be considered only if the Techno Commercial Bid of the bidder is found qualified by the Tender Committee. The decision of the 'Tender Committee' will be final and absolute in this respect. The list of Qualified Bidders will be displayed in the website.

# **CONTENTS OF THE TENDER DOCUMENT**

The Tender document comprises of the following:

SECTION - A	SCOPE OF WORK & RESPONSIBILITY
SECTION - B	ELIGIBILITY CRITERIA
SECTION - C	DATE AND TIME SCHEDULE
SECTION – D	INSTRUCTION TO BIDDER
SECTION – E	BID FORM
SECTION – F	TECHNO COMMERCIAL EVALUATION & AWARDING OF CONTRACT
SECTION – G	GUIDANCE FOR E-TENDERING
SECTION – H	BILL OF MATERIAL
SECTION – I	TECHNICAL SPECIFICATION WITH COMPLIANCE STATEMENT
SECTION – J	DETAILS OF ORDERS EXECUTED BY BIDDER
SECTION – K	FINANCIAL CAPABILITY OF BIDDER
SECTION – L	BIDDER'S DETAILS
SECTION – M	MANUFACTURER'S AUTHORIZATION FORM
SECTION – N	PRE-BID MEETING QUERY
SECTION - O	LIST OF CLIENTS OF SIMILAR ORDERS
SECTION - P	SUPPORT SERVICE CENTER & MANPOWER DETAILS OF BIDDER
SECTION - Q	PROFORMA FOR PERFORMANCE BANK GUARANTEE
SECTION - R	NIT DECLARATION

#### **SECTION - A**

#### **SCOPE OF WORK & RESPONSIBILITY**

#### Title:

Implementation of Audio-Visual and Video Conferencing Facility between Kolkata Session Court and Darjeeling Session Court

### **Background**

In many cases it has been observed that taking a person under judicial custody from Darjeeling to Kolkata court or vise-versa would not be feasible as it involves concrete security and safety It has been observed that travelling time also plays a key factor in court proceedings where sensitive and critical cases are required to be treated on urgent basis

Finally cost of safety and security of a person under judicial custody or witness in travelling along with security personnel is also very high

\*\*\* To expedite court proceedings in most cost effective manner by cutting down travel cost and cost of security/ safety of people under judicial custody - a seamless real time video, audio and data sharing platform over dedicated IP backbone is necessary.

#### **Objective:**

Providing a seamless reach media collaboration infrastructure between two locations ensuring real time audio, visual and data sharing in cost effective manner to accelerate court proceeding with assured safety and security of people under judicial custody or witness.

#### Assumption:

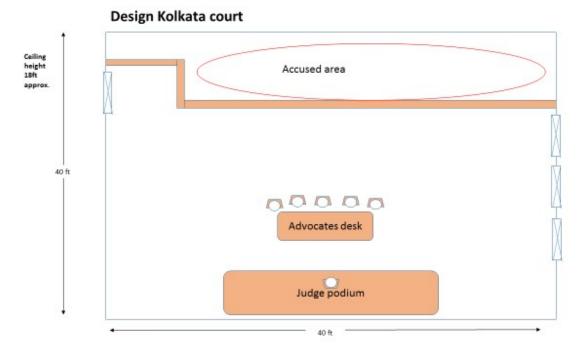
- ✓ This is assumed that a point to point dedicated VPN/ Leased Line with minimum 4 Mbps bandwidth exists between two locations. Also a redundant VPN/ Leased Line is required to ensure reliability
- ✓ There will be a point to point video conferencing session between two locations. Also it is recommended to keep a provision for Multi party conferencing option to ensure multiple conferencing sessions at a time. At least 5 party conference must be in the provision initially incorporated in Kolkata Session court. It may go up to more than 50 simultaneous conferencing session by incorporating an additional conference bridge
- ✓ Gigabit LAN infrastructure will be available in both locations
- ✓ There will be a provision for at least four nos. of LAN points at each court room.

# System study | Kolkata Session Court:

## Kolkata Session Court -

- ✓ Room size: 40 ft x 40 ft x 18 ft ( $L \times B \times H$ ) approximately.
- ✓ Illumination: sufficient illumination is required(Minimum 500 Lux)
- ✓ Ambience noise: heavy noisy. Insulation required
- ✓ Window: in one side. Curtain required
- √ False ceiling: No

#### Room plan -



# **Requirement Suggested:**

- ✓ One no. large display will be placed on side wall opposite to the wall where windows are placed
- √ Three nos. standard floor mount display for advocates
- ✓ One no. table top standard display for Judge
- ✓ Three nos. IP PTZ Full HD cameras to focus the following:
  - Accused area
  - o Advocate & Witness
  - Judge
- ✓ Ceiling mount Microphones to the accused area. These microphones will be fixed on ceiling and positioned in such a manner that no one can tamper/ destroy or damage them physically
- √ Wireless microphones for advocates
- ✓ One no. Wired gooseneck microphone at judge's table
- ✓ There will be a table top high definition document camera to be placed on Judge's table to capture and share any hard content with other location
- ✓ Column speakers will be mounted on wall to ensure uniform acoustic in room
- ✓ Video streams of all PTZ cameras and document camera will be shared in real time with far end (Darjeeling) through a High Definition 1080p Video Conference system
- ✓ A high end Digital Signal Processor with Acoustic Echo Cancellation (AEC) technology will be introduced for AEC / Noise canceller / Feedback reduction with Auto Mic Mixing technology. This will help to reduce background noise and audio feedback from far end
- ✓ A video mixing technology will be introduced to capture at least three IP PTZ camera content and share the video stream in far end
- √ A conference session recording system will be introduced for evidence if any

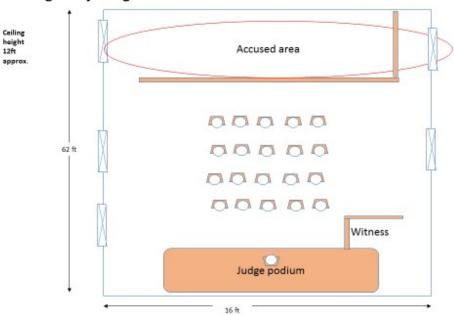
# System study | Darjeeling Session Court:

#### **Darjeeling Session Court -**

- ✓ Room size: 62 ft x 16 ft x 12 ft (L x B x H) approximately.
- ✓ Illumination: insufficient. Sufficient illumination is required(Minimum 500 Lux)
- ✓ Ambience noise: noisy. Insulation required
- √ Window: upper side of wall (at 8 ft height)
- √ False ceiling: No

## Room plan -

# **Design Darjeeling court**



\*\*\* Requirement at Darjeeling Session Court will be much simple than Kolkata. Here Advocate may not be present. There will be a judge or a coordinator who will conduct court proceeding at Darjeeling with Kolkata over audio-visual conferencing system. Judge will be seating at Kolkata court.

#### **Requirement Suggested:**

- ✓ One no. large display will be placed on any of the walls. The mounting arrangement shall be from ceiling due to limited space
- ✓ One no. standard table top display for coordinator/judge's table
- ✓ One no. standard floor mount display for Advocates (if any).
- ✓ Two nos. IP PTZ Full HD cameras to focus the following:
  - o Accused area
  - o coordinator& Witness
  - Advocates (if any)
- ✓ Ceiling mount Microphones to the accused area. These microphones will be fixed on ceiling and positioned in such a manner that no one can tamper/ destroy or damage them physically
- √ Wireless microphones for coordinator
- ✓ One no. Wired gooseneck microphone on table
- ✓ There will be a table top high definition document camera to be placed on a table to capture and share any hard content with other location
- ✓ Column speakers will be mounted on wall to ensure uniform acoustic in room
- ✓ Video streams of all PTZ cameras and document camera will be shared in real time with far end (Kolkata) through a High Definition 1080p Video Conference system
- ✓ A high end Digital Signal Processor with Acoustic Echo Cancellation (AEC) technology will be introduced for AEC / Noise canceller / Feedback reduction with Auto Mic Mixing technology. This will help to reduce background noise and audio feedback from far end

#### RESPONSIBILITY

## **For System Integrator**

- 1) Supply: Entrusted bidder must supply and work as per work order. All supplies must be certified and new. Supplied components must satisfy the minimum guiding specifications and guidelines, as applicable, proprietary technology must be mentioned against each component. Bidder is allowed to propose only one make / model per system or software required for the proposed solution. Bids with optional offers would be summarily rejected.
- 2) Installation, Integration & Implementation: Installation, integration & implementation will be governed by the stated guidelines and associated standards & in line with the scope of work defined in this document. The delivery / supply of the materials done by successful Bidder at respective location only. The Post installation warranty supports are the sole responsibility of the Bidder. After installation & implementation of Active Components system integrator will provide project documentation including warranty period.
- 3) **Support and Maintenance:** Bidder will provide support and maintenance of the entire system for the entire Warranty Period from date of installation or acceptance.
- 4) Service Quality and Assurance: Services within installation, warranty period must be rendered with OEM for hardware and systems software components, and by professionally qualified engineers / personnel in the related field. Any damage by the bidder will attract penalty in tangible terms, as fixed by the WTL. Uptime of the integrated system must not be less than 99% calculated and jointly certified, with a maximum of 2 (two) instances with a cumulative down-time not exceeding 0.5%, calculated on every quarter of the year, otherwise related penalty clauses as drawn by the WTL will be applicable if the failure can be attributed to the bidder.
- 5) Acceptance: After successful installation & commissioning, installation report prepared by WTL, signed and sealed by Public Works Directorate.
- **6) Single Point of Contact:** Entrusted bidder will provide single point of contact for availing during the implementation period, warranty services.
- 7) Warranty: All hardware components, software and service items should have minimum warranty period from the date of receipt of materials at Public Works Directorate. Within the warranty period, entrusted bidder will replace, re-integrate faulty, buggy components (including firmware, excluding physically damage components) with the latest and new ones but not losing performance, and will get the set-right / performance report jointly signed. Entrusted bidder will provide after warranty with terms, conditions and penalty clauses laid down by the WTL. After warranty, all components will be handed over to the Public Works Directorate.

# For West Bengal Public Works Directorate

1. Public Works Directorate will provide requisite space, power, working permission & cooling (if enquire) for installation & implementation of Hardware system to Implement Audio-Visual and Video Conferencing Facility at Public Works Directorate.

# For Webel Technology Limited

1. WTL being the nodal implementation agency for this project shall be responsible for provision of all Resources, access and information under its control that is necessary during implementation of work relating to this job. The confidentiality of the data being shared shall be maintained.

#### **SECTION - B**

#### **ELIGIBILITY CRITERIA**

- The bidder must be a company registered under Companies Act, 1956/2013 or Partnership or LLP or OPC or Proprietary Firm. Documentary (Certificate of incorporation/Relevant document) evidence to be submitted.
- 2. The bidder should have their presence in Kolkata with own office. Valid proof should be submitted along with the bid.
- 3. The bidder GST Registration Certificate, PAN & Trade License. Bidder shall have to submit photocopy of the document.
- 4. The bidder must submit the installation/ completion report of at least one Project of Audio-Visual and Video Conference integration work in PWDroom/ boardroom/ meeting room/ Court room environment of minimum value of Rs.88.00 lakhs or two projects of Audio-Visual and Video Conference integration work in PWDroom/ boardroom/ meeting room/ Court room environment of minimum value of Rs.44.00 lakhs each for any Central / State Government/ PSU Organization / Private Sector in India in the PWD three financial years (FY- 2015-16, 2016-17 & 2017-18). Self Attested Photocopy of Work Orders to be submitted along with installation/ completion certificate from concerned authority.
- 5. The bidder shall have aggregate turnover of not less than Rs 10.00 Crores each in the PWD three financial years (FY- 2015-16, 2016-17 & 2017-18). Audited Accounts and necessary Audited Statement to be submitted.
- 6. The bidder should have a Call Centre operational on all days of the year except Sundays & National holidays. Call Center details with number & detailed escalation matrix to be submitted.
- 7. Tender specific Manufacturer's Authorizations of the items must be submitted as per format (Section I), without which the offer will be treated as non-responsive and summarily rejected.
- 8. Bidder should submit Earnest Money Deposit (EMD) of Rs. 300000.00 (Rupees Three lakh only) in the form of Demand Draft from any Scheduled Bank in favour of Webel Technology Limited payable at Kolkata.
- 9. Bidder should submit Tender Fee of Rs. 6000.00 (Rupees Six thousand only) in the form of Demand Draft from any Scheduled Bank in favour of Webel Technology Limited payable at Kolkata.
- 10. The bidder shall have Quality Certificate (ISO 9001:2015, certificates). Copy of Certificate to be submitted.
- 11. The Bidder/OEM must have Support Service Center with manpower in Kolkata and so that any call reported is attended within the response time. The detailed Support Service with manpower for bidder & OEM should be submitted as per format (Section J).
- 12. The bidder shall not have been blacklisted by any State/Central Government or PSU Organization or bilateral / multilateral funding agencies for breach of ethical conduct or fraudulent practices as on date of submission of the proposal (as per DIT guidance note issued on 26-Dec-2011). Declaration on bidder's letter head to be submitted.
- 13. The bidder shall submit Bid Form (Section E) duly signed by the authorized signatory of the company as per the format enclosed. Deviation in format may not be accepted.

# SECTION - C

# DATE AND TIME SCHEDULE

Sl. No.	Particulars	Date & Time
1	Date of uploading of N.I.T. & other Documents (online) (Publishing Date)	08.04.2019
2	Documents download/sale start date (Online)	08.04.2019
3	Date and time of sending the queries (Offline)	15.04.2019 & 12.00 hrs
4	Pre Bid Meeting at WTL Office (Off Line)	16.04.2019 & 12.00 hrs
5	Corrigendum, if any will be published (On Line)	-
6	Bid Submission start date & time (On line)	25.04.2019 & 14.00 hrs
7	Date & time of submission of original Demand Draft/Pay Order for cost of Earnest Money Deposit (Off line)	02.05.2019 & 11.00 hrs
8	Date & time of submission of original Demand Draft/Pay Order for cost of Tender Fee (Off line)	02.05.2019 & 11.00 hrs
9	Bid Submission closing date & time (On line)	30.04.2019 & 12.00 hrs
10	Bid opening date & time for Technical Proposals (On line)	02.05.2019 & 12.00 hrs
11	Date of uploading the final list of Technically Qualified Bidder (online) after disposal of appeals, if any	-
12	Date for opening of Financial Bid (Online)	-

#### **SECTION - D**

# INSTRUCTION TO BIDDER

#### 1. **DEFINITIONS**

In this document, the following terms shall have following respective meanings:

- "Acceptance Test Document" means a document, which defines procedures for testing the functioning of installed system. The document will be finalized with the contractor within 7 days of issuance of the Letter of Award.
- "Bidder" means any firm offering the solution(s), service(s) and /or materials required in the RFP. The word Bidder when used in the pre award period shall be synonymous with Bidder, and when used after award of the Contract shall mean the successful Bidder.
- "Contract" is used synonymously with Agreement.
- "Contract Price" means the price to be paid to the Contractor for providing the Solution, in accordance with the payment terms.
- "Contractor" means the Bidder whose bid to perform the Contract has been accepted by Tender Committee and is named as such in the Letter of Award.
- "Default Notice" shall mean the written notice of Default of the Agreement issued by one Party to the other.
- "Installation" shall mean Implementation of Audio-Visual and Video Conferencing Facility.
- "Fraudulent Practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a Contract and includes collusive practice among Bidders (prior to or after Bid submission) designed to establish Bid prices at artificial noncompetitive levels and to deprive the West Bengal Public Works Directorate and eventually Gov. of W. Bengal of the benefits of free and open competition.
- "Good Industry Practice" shall mean the exercise of that degree of skill, diligence and prudence which would reasonably and ordinarily be expected from a reasonably skilled and experienced Operator engaged in the same type of undertaking under the same or similar circumstances.
- "Government" / "Gov. of W. Bengal" means the Government of West Bengal.
- "GoI" shall stand for the Government of India.
- "GoWB" means Government of West Bengal
- "Personnel" means persons hired by the Bidder as employees and assigned to the performance of the Infrastructure Solution or any part thereof.
- "Similar Nature of Work" means Implementation of Audio-Visual and Video Conferencing Facility.
- "Project" means Audio-Visual and Video Conferencing Facility between Kolkata Session Court and Darjeeling Session Court under Public Works Directorate.
- "Services" means the work to be performed by the Bidder pursuant to this Contract, as described in the detailed Scope of Work.
- "Interest rate" means "364 days Government of India (GoI) Treasury Bills" rate.
- "Law" shall mean any Act, notification, bye law, rules and regulations, directive, ordinance, order or instruction having the force of law enacted or issued by the Central Government and/or the Government of West Bengal or any other Government or regulatory authority or political subdivision of government agency.
- **"LOI"** means issuing of Letter of Intent shall constitute the intention of the WTL to place the Purchase Order with the successful bidder.
- "Operator" means the company providing the services under Agreement.
- "PWD" means West Bengal Public Works Directorate

"Requirements" shall mean and include schedules, details, description, statement of technical data, performance characteristics, standards (Indian as well as International) as applicable and specified in the Contract.

"Service" means provision of Contracted service viz., operation, maintenance and associated services for DEPLOYED SYSTEMS as per Section titled "Scope of Work"

"Termination Notice" means the written notice of termination of the Agreement issued by WTL.

"**Uptime**" means the time period when specified services are available with specified technical and service standards as mentioned in section titled WARRANTY SUPPORT" "%**Uptime**" means ratio of 'up time' (in minutes) as mentioned in section titled "Warranty support"

"Service Down Time" (SDT) means the time period when specified services with specified technical and operational requirements as mentioned in section titled "WARRANTY SUPPORT"" are not available to Gov. of W. Bengal and its user departments and organizations.

"WTL" means Webel Technology Limited a Govt. of W. Bengal undertaking.

#### 2. PRE BID MEETING

Pre Bid Meeting will be held on 16.04.2019 at 12.00 hrs at premises of WTL. Bidder can send their queries as per format (Section - N) to Manager (Purchase) (arunava.saha@wtl.co.in) Ms. Anita Dey (anita.dey@wtl.co.in) and copy to Mr. P. S. Mitra (psmitra@wtl.co.in). Only the queries received within the stipulated date prior to the Pre Bid Meeting will be answered. The entrance to the Pre Bid Meeting will be limited to two persons per bidder and carrying valid authorization letter on official letter head bearing company seal.

#### 3. COST OF BIDDING

The bidder shall bear all costs associated with the preparation and submission of the bid and WTL will no case be responsible for those costs regardless of the conduct or outcome of the bidding process.

#### 4. BID DOCUMENT

Bidder is expected to examine all instructions, forms, terms and requirement in the bid document. The invitation to bid together with all its attachment thereto shall be considered to be read, understood and accepted by the bidder unless deviations are specifically stated in the seriatim by the bidder. Failure to furnish all information required by the bid document or a bid not substantially responsive to the bid document in every respect may result of the bid.

# 5. AMENDMENT OF BID DOCUMENT

At any time prior to the deadline for submission of proposals, WTL reserves the right to add/modify/delete any portion of this document by issuance of an Corrigendum, which would be published on the website and will also be made available to the all the Bidder who have been issued the tender document. The Corrigendum shall be binding on all bidders and will form part of the bid documents.

## 6. MODIFICATION AND WITHDRAWAL OF BIDS

As per the bidding process available in the tender.

## 7. LANGUAGE OF BID & CORRESPONDENCE

The proposal will be prepared by the Bidder in English language only. All the documents relating to the proposal (including brochures) supplied by the firm should also be in English, and the correspondence between the Bidder & WTL will be in English language only. The correspondence by fax/E-mail must be subsequently confirmed by a duly signed formal copy.

#### 8. BIDDER'S SOLUTION

The bidders are requested to study the Bill of Material supplied with this document carefully. While working out the solution the bidder has to work with the broad minimum specification provided in the tender documents, conforming to the model, make and Part number (wherever provided). While submitting the bid the bidder has to detail out all components needed to complete the system BOM. The bidder is required quote for each item retaining all major components/sub system detailed and specified. As the contractor will be responsible for smooth functioning of the system, availability of spares during the tenure of the warranty period have to be take care by the contractor to maintain the guaranteed uptime.

# 9. EARNEST MONEY DEPOSIT (EMD)

The firm shall furnish an EMD of Rs.300000.00 (Rupees Three lakh only) in the form of a demand draft from a Scheduled Bank payable at Kolkata and in favour of Webel Technology Limited. Any bid not accompanied with the EMD shall be rejected.

#### 10. FORFEITURE OF EMD

EMD made by Bidder may be forfeited under the following conditions:

If Bidder withdraws the proposal before the expiry of validity period.

During the evaluation process, if a Bidder indulges in any such activity as would jeopardize the process, the decision of WTL regarding forfeiture of EMD shall be final and shall not be called upon question under any circumstances.

If Bidder violates any of the provisions of the terms and conditions of the proposal.

In the case of a successful Bidder, if Bidder fails to:

- a) Accept the work order along with the terms and conditions.
- b) Furnish performance security.
- c) Violates any of the work conditions of this proposal or indulges in any such activities as would jeopardize the work.
- d) Submitting false/misleading information/declaration/documents/proof/etc.

The decision of WTL regarding forfeiture of EMD shall be final and shall not be called upon to question under any circumstances, besides, forfeiture of EMD even the Bidder will be deferred from participating in any job for a period of one year.

#### 11. FORMS AND FORMATS

The various inputs for the Techno Commercial as Financial Bids are to be submitted in the format specified. The bidder shall use the form, wherever specified, to provide relevant information. If form does not provide space for any required information, space at the end of the form or additional sheets shall be used to convey the said information. For all other cases, the bidder shall design a form to hold the required information.

#### 12. LACK OF INFORMATION TO BIDDER

The bidder shall be deemed to have carefully examined the Bid document to his entire satisfaction. Any lack of information shall not relieve the bidder of his responsibility to fulfill his obligation under the bid. If bidder has any queries relating to bid document then he can send the queries before the Pre Bid Meeting.

#### 13. CONTRACT EXECUTION

On receipt of the Letter of Award the contractor should submit a Performance Bank Guarantee (PBG) equivalent to 10% of the total contract value within three weeks from the date of receipt of Letter of Award/Order. The PBG should be valid for six month more than the warranty period. All delivery of the material will have to be completed within 45 days from the date of acceptance of contract and the contractor has to ensure all activities leading to the commissioning of the contract to be completed within 75 days from the date of award. Subsequent to the award of contract, the contractor will have to arrange for the requisite material as per BOM.

#### 14. TIME SCHEDULE FOR DELIVERY & INSTALLATION

- All delivery of the material will have to be completed within 4-5 weeks from the date of Order.
- All activities leading to the commissioning of the contract to be completed within 6 weeks days from the date of Order

#### 15. LIQUIDATED DAMAGE / PENALTY

The job includes the supply and installation of materials mentioned in the tender document. In the event of failure to meet the job completion in stipulated date/time liquidated damage may be imposed on the contractor for sum not less than 0.5% of the contract value for that item/job for each week or part thereof, subject to a ceiling of 10% of the total contract value (excluding all taxes & duties and other charges). In the event of LD exceeds 10% of the order value, WTL reserves the right to terminate the contract and WTL will get the job completed by any other competent party. The difference of cost incurred by WTL will be recovered from the contractor and PBG will be invoked.

## 16. LIABILITY

In case of a default on bidder's part or other liability, WTL shall be entitled to recover damages from the Contractor. In each such instance, regardless of the basis on which WTL is entitled to claim damages from the Contractor (including fundamental breach, negligence, misrepresentation, or other contract or tort claim), Contractor shall be liable for no more than:

- Payment referred to in the Patents and Copyrights clause.
- Liability for bodily injury (including death) or damage to real property and tangible personal property limited to that cause by the Contractor's negligence.
- As to any other actual damage arising in any situation involving non-performance by Contractor
  pursuant to or in any way related to the subject of this Agreement, the charge paid by WTL for the
  individual product or Service that is the subject of the Claim. However, the contractor shall not be

liable for

For any indirect, consequential loss or damage, lost profits, third party loss or damage to property
or loss of or damage to data.

For any direct loss or damage that exceeds the total payment for Contract Price made or expected to be made to the Contractor hereunder.

#### 17. PATENTS & COPYRIGHT

If a third party claims that a product delivered by the Contractor to WTL infringes that party's patent or copyright, the Contractor shall defend WTL against that claim at Contractor's expense and pay all costs, damages, and attorney's fees that a court finally awards or that are included in a settlement approved by the Contractor, provided that WTL.

- Promptly notifies Contractor in writing of the claim
- Allows Contractor to control and co-operate with Contractor in the defense and any related settlement negotiations.

Remedies: If such a claim is made or appears likely to be made, WTL would permit Contractor to enable WTL to continue to use the product, or to modify it, or replace it with one that is at least functionally equivalent. If Contractor determines that none of these alternatives is reasonably available, WTL agrees to return the product to Contractor on Contractor's written request. Contractor will then give WTL a credit equal to for a machine. WTL's net book value (provided WTL has followed generally accepted accounting principles for a generally available software product produced by Contractor (Program) the amount paid by WTL or 12 months charges (which ever is lesser) and for materials the amount paid by WTL for the materials. These will be Contractor's entire obligation regarding any claim of infringement.

#### 18. SUSPENSION OF WORK

WTL shall have the power at any time and from time to time by notice to the Contractor to delay or suspend the progress of the work or any part of the work due to any other adequate reasons and on receipt of such notice the contractor shall forthwith suspend further progress of the work until further notice from WTL. The Contractor shall recommence work immediately after receiving a notice to do so from WTL. The whole or any part of the time lost for such delay or suspension shall, if WTL in its absolute discretion thinks fit, but not otherwise, be added to the time allowed for completion.

#### 19. TERMS OF PAYMENT

Payment terms will be on back-to-back basis, i.e., payment will be made only on receipt of payment from relevant customer, i.e. West Bengal Public Works Directorate. A scheduled payment terms depicted below:

a) 100% payment of the total deliverable (Audio-Visual and Video Conferencing Facility between Kolkata Session Court and Darjeeling Session Court) value will be made after successful delivery & installation of materials.

#### 20. GOVERNING LAWS

This contract should be governed by and interpreted by Arbitration clause in accordance with Laws in force in India. The courts at Kolkata shall have exclusive jurisdiction in all matters arising under the contract. The selected vendor shall keep himself fully informed of all current national, state and municipal law and ordinances. The selected vendor shall at their own expense, obtain all necessary permits and license and pay all fees and taxes required by law. These will be selected vendor's entire obligation regarding any claim of infringement. The selected vendor hereto agrees that it shall comply with all applicable union, state and local laws, ordinances, regulations and codes in performing its obligations hereunder, including the procurement of licenses, permits certificates and payment of taxes where required. The selected vendor shall establish and maintain all proper records (particularly, but without limitation, accounting records) required by any law, code/practice of corporate policy applicable to it from time to time including records and returns as applicable under labor legislation.

#### 21. CORRUPT OR FRAUDULENT

The Tender Committee requires that the bidders under this Tender observe the highest standards of ethics during the procurement and execution of such contracts. For this purpose the definition of corrupt and fraudulent practices will follow the provisions of the relevant laws in force. The Tender Committee will reject a proposal for award if it detects that the bidder has engaged in corrupt or fraudulent practices in competing for the contract in question. The Tender Committee will declare a firm ineligible, either indefinitely or for a stated period of time, if it at any time determines that the firm has engaged in corrupt and fraudulent practices in competing for, or in executing, a contract.

# 22. BIDING CLAUSE

All decisions taken by the Tender Committee regarding the processing of this tender and award of contract shall be final and binding on all parties concerned.

The Tender Committee reserves the right:

• To vary, modify, revise, amend or change any of the terms and conditions mentioned above and,

• To reject any or all the Tender/s without assigning any reason whatsoever thereof or to annul the bidding process and reject all bids at any time prior to award of contract, without thereby incurring any liability to the affected bidder(s) or any obligation to inform the affected bidder(s) of the grounds for such decision.

#### 23. WORKMEN'S COMPENSATION

In every case in which by virtue of the provision of the workmen's compensation Act 1923 or any other relevant acts and rules, compensation to a workmen employed by the contractor, is payable, then this should be done by the Contractor. If WTL is obliged to make any compensation under the said rules and acts, then the amount shall be recovered without prejudice, from the bills and due of the Contractor. WTL shall not be bound to contest any claim made against the Contractor in respect of workmen's compensation.

#### 24. CONTRACTOR'S EMPLOYEES

The Contractor shall comply with the provision of all labour legislation including the requirement of the payment of Wage Act 1936 and the rules framed there under and modifications thereof in respect of men employed by him in carrying out the contract. The Contractor must ensure that he complies with PF, ESI regulation for all his deployed employees. The Contractor shall see that all authorized Sub Contractors under him similarly complied with the above requirement.

#### 25. SAFETY MEASURES

The Contractor shall in the course of execution of the work take all necessary precaution for the protection of all persons and property. The Contractor shall take adequate measures to protect the work and present accident during the work. In the event of any accident to any person or persons or damage or injury of any description to any person or property due to failure on the part of the contractor in taking proper precautionary measures the contractor shall be responsible for and must make good the loss the damage at his own cost to the satisfaction of the department and employees of the department shall be indemnified from all claims or liabilities arising there from or any expenses incurred on account thereof.

#### 26. EQUIPMENT

All tools & tackles necessary for the work shall have to be procured by the contractor unless other wise specified elsewhere in these tender documents. The equipment used by the contractor for a particular work must be appropriate for the type of work. The contractor shall maintain the equipment used on the work properly so that they are in good working condition. In no case shall the contractor use defective or imperfect equipment in the work. The contractor shall arrange to replace or repair all defective equipment so that the progress of the work is not hampered. No defective equipment should be left at the site of work and the department shall not be responsible for any loss or damage to any of these equipments during the course of the execution of the work.

#### 27. SUB-CONTRACT

The purchaser (WTL) does not recognize the existence of Sub-Contractors. The Contractor's responsibility is not transferable.

#### 28. TERMINATION FOR DEFAULT

WTL may without prejudice to any other remedy or right of claim for breach of contract by giving not less than 30 days written notice of default sent to the contractor, terminate the order in whole or in part. If the contractor materially fails to render any or all the services within the time period specified in the contract or any extension thereof granted by WTL in writing and fails to remedy its failure within a period of thirty days after receipt of default notice from WTL. If the project (delivery, commissioning as well as warranty maintenance support is not carried out according to specification due to deficiency in service as per terms of the contract. In such case WTL will invoke the amount held back from the contractor as PBG.

# 29. BANKRUPTCY

If the contractor becomes bankrupt or have a receiving order made against him or compound with his creditors or being a corporation commence to be wound up, not being a voluntary winding up for the purpose only or amalgamation or reconstruction, or carry on their business under a receiver for the benefit of their creditors or any of them, WTL shall be at liberty to terminate the engagement forthwith without any notice in writing to the contractor or to the liquidator or receiver or to any person in whom the contractor may become vested and without any compensation to give such liquidator or receiver or other person the option of carrying out the engagement subject to their providing a guarantee for the due and faithful performance of the engagement up to an amount to be determined by WTL.

# 30. FORCE MAJEURE

It is hereby defined as any cause, which is beyond the control of the Contractor or WTL as the case may be, which such party could not foresee or with a reasonable amount of diligence could not have foreseen and which substantially affect the performance of the contract, such as

- War, Hostilities or warlike operations (whether a state of war be declared or not), invasion, act of foreign enemy and civil war.
- Rebellion, revolution, insurrection, mutiny, usurpation of civil or military, government, conspiracy, riot, civil commotion and terrorist area.
- Confiscation, nationalization, mobilization, commandeering or requisition by or under the order of any
  government or de facto authority or ruler, or any other act or failure to act of any local state or national
  government authority.
- Strike, sabotage, lockout, embargo, import restriction, port congestion, lack of usual means of public transportation and communication, industrial dispute, shipwreck, shortage of power supply epidemics, quarantine and plaque.
- Earthquake, landslide, volcanic activity, fire flood or inundation, tidal wave, typhoon or cyclone, hurricane, nuclear and pressure waves or other natural or physical disaster.

If either party is prevented, hindered or delayed from or in performing any of its obligations under the Contract by an event of Force Majeure, then it shall notify the other in writing of the occurrence of such event and the circumstances of the event of Force Majeure within fourteen days after the occurrence of such event. The party who has given such notice shall be excused from the performance or punctual performance of its obligations under the Contract for so long as the relevant event of Force Majeure continues and to the extent that such party's performance is prevented, hindered or delayed.

The party or parties affected by the event of Force Majeure shall use reasonable efforts to mitigate the effect of the event of Force Majeure upto its or their performance of the Contract and to fulfill its or their obligation under the Contract but without prejudice to either party's right to terminate the Contract.

No delay or nonperformance by either party to this Contract caused by the occurrence of any event of Force Majeure shall.

- Constitute a default or breach of the contract.
- Give rise to any claim fro damages or additional cost or expense occurred by the delay or nonperformance. If, and to the extent, that such delay or nonperformance is caused by the occurrence of an event of Force Majeure.

#### 31. INSURANCE COVERAGE

Appropriate insurance to cover all solution components for the transit period and until the time of its acceptance at the respective site is to be taken by the contractor. As the contractor will carry the risk for the material in his books during transit, the contractor should arrange insurance for the total system as period from the dispatch till Acceptance Test is successfully achieved. Further the contractor is to take all required insurance coverage in respect of all its personnel who shall be working on this engagement.

#### 32. WARRANTY

The Bidder/OEM will warranty that products supplied under the contract are newly made and are free from defects in the design, engineering and workmanship. The Contractor would be responsible for the up keep and maintenance of the items and necessary deliverables supplied during the entire warranty period, i.e. 24 months from the date of final acceptance of the system by the user. Within warranty period, entrusted OEM will replace, re-integrate faulty, buggy components. The Contractor/OEM shall not, without the express prior written consent of WTL, assign to any third party of the contract or part thereof. Service support for the entire warranty period will be on site and comprehensive (including spares) and free of cost for the entire warranty period. Warranty will be invalid if the equipment is serviced by unauthorized personnel of misuse is detected.

### 33. WARRANTY SUPPORT

The total system will be warranted against bad workmanship and manufacturing defects from the date of acceptance of the system whole or part. Service support for the entire warranty period will be on site and comprehensive (including spares and all other support) and free of cost for the entire warranty period. The bidder should have a call centre in Kolkata. The contact details of the call centre must be furnished along with the bid. Any call logged with the service centre must be given a running docket number to the person reporting the call.

The average uptime averaged over each quarter should be as follows:

Category	Uptime	Response Time	Maximum
	Requirement	Requirement	Downtime
Equipments located Kolkata and Darjeeling	98.0%	8 Hours	24 Hours

If the uptime goes below the prescribed limit in any quarter, the same will be noted. At the scheduled end of the warranty period the total of such deviation will be done and the contractor

will have to extend the warranty support by the default time. Penalty shall be deducted for deviation of warranty support.

## 34. PERFORMANCE BANK GUARANTEE (PBG)

As a guarantee for timely delivery, installation and commissioning of equipment as well as performance of onsite warranty support, as mentioned in Bill of Material, from the date of final acceptance of systems and pertaining to proper running of the systems, the bidder will have to submit 10% of the contract value as security in the form of Performance Bank Guarantee from any nationalized bank as per format enclosed (Section – Q).

#### 35. CONTRACTOR'S RESPONSIBILITIES

Refer Section - A (Scope of Work & Responsibility)

#### 36. NO WAIVER OF RIGHTS

Neither the inspection by WTL or any of their agents nor any order by WTL for payment of money or any payment for or acceptance of the whole or any part of the works by WTL, nor any extension of time, nor any possession taken by WTL shall operate as a waiver of any provision of the contract or of any power reserved to WTL, or any right to damages here in provided, nor shall any waiver of any breach in the contract be held to be a waiver of any other subsequent breach.

#### 37. GRAFTS, COMMISSIONS, GIFTS, ETC.

It is the Purchaser's policy to require that bidders, suppliers, contractors and consultants under contracts, observe the highest standard of ethics during the procurement and execution of such contracts. Any graft, commission, gift or advantage given, promised or offered by or on behalf of the contractor or his partner, agent, officers, director, employee or servant or any one on his or their behalf in relation to the obtaining or to the execution of this or any other contract with WTL shall in addition to any criminal liability which it may incur, subject the contractor to the cancellation of this and all other contracts and also to payment of any loss or damage to WTL resulting from any cancellation. WTL shall then be entitled to deduct the amount so payable from any monies otherwise due to the contractor under contract.

#### 38. ENFORCEMENT OF TERMS

The failure of either party to enforce at any time any of the provision of this contract or any rights in respect thereto or to exercise any option here in provided shall in no way be construed to be a waiver to such provisions, rights or options or in any way to affect the validity of the contract. The exercise by either party of any of its rights herein shall not preclude or prejudice either party from exercising the same or any other right it may have hereunder.

# 39. PERIOD OF VALIDITY OF OFFER

For the purpose of placing the order, the proposals shall remain valid till 180 days. During the period of validity of proposals, the rates quoted shall not change. In exceptional circumstances, WTL may ask for extension of the period of validity and such a request shall be binding on Bidders. WTL's request and the response to such a request by various Bidders shall be in writing. A Bidder agreeing to such an extension will not be permitted to increase its rates.

#### **40. TAXES & DUTIES**

- The prices shall be inclusive of all taxes & levies including GST and other statutory duties as applicable. Rate of taxes should be indicated separately in the Price Bid.
- Contract Price specified in Price Bid should be based on the taxes & duties and charges prevailing at the date one day prior to the date of Bid submission.
- Statutory deduction, wherever applicable, shall be made from invoice as per government rules. Necessary certificate will be issued for such deductions.
- Bidder submitting a bid shall produce valid statutory documents / certificates with respect to GST, Income Tax, ROC, Prof. Tax, Trade Licence, etc. All such documents / certificates shall remain valid on the date of tender submission.
- In case of inter-state transaction, WTL will provide "Waybill". However, statutory charges, if any will be borne by the bidder.
- GST component of the invoice of the bidder may be kept on hold in case there is any mismatch / irregularity in GST return filling on the part of the bidder.

# 41. DISCREPANCIES IN BID

- Discrepancy between description in words and figures, the rate which corresponds to the words quoted by the bidder shall be taken as correct.
- Discrepancy in the amount quoted by the bidder due to calculation mistake of the unit rate then the unit rate shall be regarded as firm.
- Discrepancy in totaling or carry forward in the amount quoted by the bidder shall be corrected.

#### **42. BID DUE DATE**

The online tender has to submitted not later than the due date and time specified in the Important Dates Sheet. WTL may as its discretion on giving reasonable notice by fax, or any other written communication to all prospective bidders who have been issued the bid documents, extend the bid due date, in which case all rights and obligations of the WTL and the bidders, previously subject to the bid due date, shall thereafter be subject to the new bid due date as extended.

#### 43. LATE BID

Any proposal received by WTL after the deadline for submission of proposals may not be accepted.

#### 44. OPENING OF BID BY WTL

Bids shall be opened and downloaded electronically through operation of the process in the e-Tender portal in presence of Tender Committee. Bidders interested to remain present during electronic bid opening may attend the bid opening session at WTL premises at scheduled date & time.

#### 45. CONTACTING WTL

Bidder shall not approach WTL officers beyond office hours and/or outside WTL office premises from the time of the Bid opening to the time of finalization of successful bidder. Any effort by bidder to influence WTL office in the decision on Bid evaluation, Bid comparison or finalization may result in rejection of the Bidder's offer. If the bidder wishes to bring additional information to the notice of WTL, it should be in writing following the procedure mentioned hereinabove.

# 46. WTL'S RIGHT TO REJECT ANY OR ALL BIDS

WTL reserves the right to reject any bid and to annul the bidding process and reject all bids at any time prior to award of Contract, without thereby incurring any liability to the affected bidder(s) or any obligation to inform the affected bidder(s) of the grounds for such decision.

#### **47. BID CURRENCIES**

Prices shall be quoted in Indian Rupees, inclusive of all prevailing GST, levies, duties, cess etc.

#### 48. PRICE

- Price should be quoted in the Price Bid format only. No deviation in any form in the Price Bid sheet is acceptable.
- · Price quoted should be firm, inclusive of packing, forwarding, insurance and freight charges.
- Percentage/specified amount of taxes & duties should be clearly mentioned otherwise WTL reserves the right to reject such vague offer.
- Price to be quoted inclusive of supply, installation & commissioning charges.

#### 49. CANVASSING

Canvassing or support in any form for the acceptance of any tender is strictly prohibited. Any bidder doing so will render him liable to penalties, which may include removal of this name from the register of approved Contractors.

#### 50. NON-TRANSFERABILITY OF TENDER

This tender document is not transferable.

# 51. FORMATS AND SIGNING OF BID

The original and all copies of the proposals shall be neatly typed and shall be signed by an authorized signatory (ies) on behalf of the Bidder. The authorization shall be provided by written Power of Attorney accompanying the proposal. All pages of the proposal, except for un-amended printed literature, shall be initialed by the person or persons signing the proposal. The proposal shall contain no interlineations, erase or overwriting. In order to correct errors made by the Bidder, all corrections shall be done & initialed with date by the authorized signatory after striking out the original words/figures completely.

### **52. WITHDRAWAL OF BID**

Bid cannot be withdrawn during the interval between their submission and expiry of Bid's validity period. Fresh Bid may be called from eligible bidders for any additional item(s) of work not mentioned herein, if so required.

#### 53. INTERPRETATION OF DOCUMENTS

If any bidder should find discrepancies or omission in the specifications or other tender documents, or if he should be in doubt as to the true meaning of any part thereof, he shall make a written request to the tender inviting authority for correction/clarification or interpretation or can put in a separate sheet along with his technical bid document.

## 54. SPLITTING OF THE CONTRACT AND CURTAILMENT OF WORK

WTL reserve the right to split up and distribute the work among the successful bidders and to curtail any item of work in the schedule partly or fully.

#### 55. PREPARATION OF TENDER

Tender shall be submitted in accordance with the following instructions:

- a) Tenders shall be submitted in the prescribed forms. Digital signatures shall be used. Where there is conflict between the words and the figures, the words shall govern.
- b) All notations must be in ink or type written. No erasing or overwriting will be permitted. Mistakes may be crossed out and corrections typed or written with ink adjacent thereto and must be initialed in ink by the person or persons signing the tender.
- c) Tenders shall not contain any recapitulation of the work to be done. Alternative proposals will not be considered unless called for. No written, oral, telegraphic or telephonic proposals for modifications will be acceptable.
- d) Tenders shall be uploaded as notified on or before the date and time set for the opening of tenders in the Notice Inviting Tenders.
- e) Tenders subject to any conditions or stipulations imposed by the bidder are liable to be rejected.
- f) Each and every page of the tender document must be signed with company seal by the bidder.
- g) Any bidder may withdraw his tender by written request at any time prior to the scheduled closing time for receipt of tenders and not thereafter.

#### 56. PRE-DISPATCH INSTRUCTION

All materials / equipments supplied against the purchase order shall be subjected to Inspection, check and /or test by the authorized representative from WTL.

#### **57. FINAL INSPECTION**

Final inspection will be carried by the authorized representative from WTL.

#### **58. SITE INSPECTION**

Bidder can inspect (at their own cost) the sites if required, for which they have to take necessary permission from WTL in writing. WTL will take at least four days to organize such permission.

#### 59. ERASURES OR ALTERNATIONS

The offers with overwriting and erasures may make the tender liable for rejection if each of such overwriting/erasures/manuscript ions is not only signed by the authorized signatory of the bidder. There should be no hand-written material, corrections or alterations in the offer. Technical details must be completely filled up. Correct technical information of the product being offered must be filled in. Filling up of the information using terms such as "OK", "accepted", "noted", "as given in brochure/manual" is not acceptable. The Customer may treat offers not adhering to these guidelines as unacceptable. The Customer may, at its discretion, waive any minor non-conformity or any minor irregularity in the offer. This shall be binding on all bidders and the Tender Committee reserves the right for such waivers.

# **60. COMPLIANCE WITH LAW**

The contractor hereto agrees that it shall comply with all applicable union, state and local laws, ordinances, regulations and codes in performing its obligations hereunder, including the procurement of licenses, permits certificates and payment of taxes where required. The contractor shall establish and maintain all proper records (particularly, but without limitation, accounting records) required by any law, code/practice of corporate policy applicable to it from time to time including records and returns as applicable under labor legislation.

## **61. CLARIFICATION OF BIDS**

During evaluation of the bids, the Customer/Tender Committee, at its discretion may ask the bidder for clarification of its bid. The request for the clarification and the response shall be in writing (fax/email) and no change in the substance of the bid shall seek offered or permitted.

#### **62. DEEMED ACCEPTANCE**

Deliverables will be deemed to be fully and finally accepted by West Bengal Public Works Directorate in the event West Bengal Public Works Directorate has not submitted such Deliverable Review Statement to Bidder/Implementation Partner before the expiration of the 30-days review period, or when West Bengal Public Works Directorate uses the Deliverable in its business, whichever occurs earlier ("Deemed Acceptance").

#### **63. QUALITY CONTROL**

- The contractor is obliged to work closely with WTL and/or PWD, act within its authority and abide by directive issued by them on implementation activities.
- The contractor will abide by the safety measures and free WTL and PWD from all demands or responsibilities arising from accident/loss of life, the cause of which is due to their negligence. The bidder will pay all indemnities arising from such incidents and will not hold WTL and PWD responsible.
- The contractor will treat as confidential all data and information about the system, obtained in the execution of its responsibilities in strict confidence and will not reveal such information to any party without the prior written approval of WTL/PWD.

- WTL reserves the right to inspect all phases of contractor's operation to ensure conformity to the
  specifications. WTL shall have engineers, inspectors or other duly authorized representatives made
  known to the contractor, present during the progress of the work and such representatives shall have
  free access to the work at all times. The presence or absence of representatives of WTL does not
  relieve the contractor of the responsibility for quality control in all phases.
- The Court of Kolkata only will have the jurisdiction to deal with and decide any legal matters or dispute whatsoever arising out of the contract.

#### 64. SITE NOT READY

The bidder shall not be in any manner liable for any delay arising out of West Bengal Public Works Directorate inability to make the site ready within the stipulated period.

#### 65. GENERAL TERMS

- a) All the pages of the bid document including documents submitted therein must be duly signed and stamped failing which the offer shall be liable to be rejected.
- b) All the documents to be submitted by the bidder along with their offer should be duly authenticated by the person signing the offer and if at any point of time during procurement process or subsequently it is detected that documents submitted are forged/tampered/manipulated in any way, the total responsibility lies with the bidder and WTL reserves the full right to take action as may be deemed fit including rejection of the offer and such case is to be kept recorded for any future dealing with them.
- c) No Technical/Commercial clarification will be entertained after opening of the tender.
- d) Overwriting and erasures may make the tender liable for rejection if each of such overwriting/erasures/manuscription is not only signed by the authorized signatory of the bidder. All overwriting should be separately written and signed by the authorized signatory of the bidder.
- e) Quantity mentioned in the tender document is indicative only and orders shall be placed subject to actual requirement. WTL reserve the right to increase or decrease the quantity specified in the tender.
- f) WTL reserve the right to reject or accept or withdraw the tender in full or part as the case may be without assigning the reasons thereof. No dispute of any kind can be raised the right of buyer in any court of law or elsewhere.
- g) WTL reserve the right to ask for clarification in the bid documents submitted by the bidder. Documents may be taken if decided by the committee.
- h) Supporting technical brochures / catalogues indicating each feature in respect of offered model and make must be submitted along with the offer, in absence of which the offer is liable to be ignored.
- i) No dispute by the bidders in regard to Technical/Commercial points will be entertained by WTL and decision taken by the Tender Committee will be final.
- j) Discrepancy in the amount quoted by the bidder due to calculation mistake, the unit rate shall be regarded as firm and the totaling or carry in the amount quoted by the bidder shall be corrected accordingly.
- k) The price offers shall remain firm within the currency of contract and no escalation of price will be allowed.
- The acceptance of the tender will rest with the accepting authority who is not bound to accept the lowest or any tender and reserves the right to reject in part or in full any or all tender(s) received and to split up the work among participants without assigning any reason thereof.
- m) The customer/WTL at its discretion may extend the deadline for the submission of Bids.
- n) The Court of Kolkata only will have the jurisdiction to deal with and decide any legal matters or dispute whatsoever arising out of the contract.

# **SECTION - E**

# **BID FORM**

(Bidders are requested to furnish the Bid Form in the Format given in this section, filling the entire Blank and to be submitted on Letter Head in original)

To
Webel Technology Limited
Plot – 5, Block – BP, Sector - V,
Salt Lake City,
Kolkata – 700091.

<u>Sub: Implementation of Audio-Visual and Video Conferencing Facility between Kolkata Session Court and Darjeeling Session Court.</u>

Dear Sir,

- 1. We the undersigned bidder/(s), having read and examined in details the specifications and other documents of the subject tender no. WTL/PWD/VC/19-20/001 dated 08.04.2019, do hereby propose to execute the job as per specification as set forth in your Bid documents.
- 2. The prices of all items stated in the bid are firm during the entire period of job irrespective of date of completion and not subject to any price adjusted as per in line with the bidding documents. All prices and other terms & conditions of this proposal are valid for a period of 180 (one hundred eighty) days from the date of opening of bid. We further declare that prices stated in our proposal are in accordance with your bidding.
- We confirm that our bid prices include all other taxes and duties and levies applicable on bought
  out components, materials, equipments and other items and confirm that any such taxes, duties
  and levies additionally payable shall be to our account.
- 4. Earnest Money Deposit: We have enclosed EMD in the form of Demand draft for a sum of Rs. 300000/- (DD no. \_\_\_\_\_ dated \_\_\_\_\_ drawn on \_\_\_\_\_).
- 5. We declare that items shall be executed strictly in accordance with the specifications and documents irrespective of whatever has been stated to the contrary anywhere else in our proposal. Further, we agree that additional conditions, deviations, if any, found in the proposal documents other than those stated in our deviation schedule, save that pertaining to any rebates offered shall not be given effect to.
- 6. If this proposal is accepted by you, we agree to provide services and complete the entire work, in accordance with schedule indicated in the proposal. We fully understand that the work completion schedule stipulated in the proposal is the essence of the job, if awarded.
- 7. We further agree that if our proposal is accepted, we shall provide a Performance Bank Guarantee of the value equivalent to ten percent (10%) of the Order value as stipulated in Financial Bid (BOQ).
- 8. We agree that WTL reserves the right to accept in full/part or reject any or all the bids received or split order within successful bidders without any explanation to bidders and his decision on the subject will be final and binding on Bidder.

Dated, this	day of	2019
Thanking you, we remain	ı,	

Yours faithfully	
Signature	
Name in full	
Designation	
	Signature & Authorized Verified by
	Signature
	Name in ful
	Designation
	Company Stamp

# <u>SECTION - F</u>

# TECHNO COMMERCIAL EVALUATION & AWARDING OF CONTRACT

#### 1. EVALUATION PROCEDURE

- The Eligibility Criteria (Section B) will be evaluated by Tender Committee and those qualify will be considered for further evaluation.
- The Tender Committee shall verify the Technical Specification (Technical Specification with Compliance Statement, Section I) Deviation in specification shall not be allowed. Bidder qualified in Technical Specification shall be considered for further evaluation.
- After qualifying in Technical Specification, qualified bidders will only be considered for Financial Bid evaluation.

#### 2. FINAL EVALUATION

Financial Proposal of the bidders qualifying in the evaluation of Technical specification will be evaluated. The bidder who has qualified in the Technical Specification evaluation and returns with lowest quote (L1) in financial bid would normally be awarded the contract subject to Post Oualification.

#### 3. AWARDING OF CONTRACT

An affirmative Post Qualification determination will be prerequisite for award of the contract to the lowest quoted bidder. A negative determination will result in rejection of bidder's bid, in which event the WTL will proceed to the next lowest evaluated bidder to make a similar determination of that bidder's capability to perform satisfactorily. The successful bidder (s) will have to give security deposit in the form of Performance Bank Guarantee.

#### 4. POST QUALIFICATION

The determination will evaluate the Bidder's financial, technical, design, integration, customization, production, management and support capabilities and will be based on an examination of the documentary evidence of the Bidder's qualification, as well as other information WTL deems necessary and appropriate. This determination may include visits or interviews with the Bidder's client's reference in its bid, site inspection, and any other measures. At the time of post-qualification, Directorate of es may also carry out tests to determine that the performance or functionality of the Information System offered meets those stated in the detailed Technical Specification.

# **SECTION - G**

# **GUIDANCE FOR E-TENDERING**

Instructions / Guidelines for electronic submission of the tenders have been annexed for assisting the Bidders to participate in e-Tendering.

#### • Registration of Bidder:

Any Bidder willing to take part in the process of e-Tendering will have to be enrolled & registered with the Government e-Procurement System through logging on to https://wbtenders.gov.in. The Bidder is to click on the link for e-Tendering site as given on the web portal.

#### • Digital Signature Certificate (DSC):

Each Bidder is required to obtain a CPWDs-II or CPWDs-III Digital Signature Certificate (DSC) for submission of tenders from the approved service provider of the National Informatics Centre (NIC) on payment of requisite amount. Details are available at the Web Site stated above. DSC is given as a USB e-Token.

 The Bidder can search & download N.I.T. & BOQ electronically from computer once he logs on to the website mentioned above using the Digital Signature Certificate. This is the only mode of collection of Tender Documents.

#### • Participation in more than one work:

A prospective bidder shall be allowed to participate in the job either in the capacity of individual or as a partner of a firm. If, found to be applied severally in a single job all the applications will be rejected.

#### Submission of Tenders:

Tenders are to be submitted through online to the website stated above in two folders at a time, one in Techno Commercial Proposal & the other is Financial Proposal before the prescribed date & time using the Digital Signature Certificate (DSC). The documents are to be uploaded virus scanned copy duly Digitally Signed. The documents will get encrypted (transformed into non readable formats)

The proposal should contain scanned copies of the following in two covers (folders).

# **Techno Commercial Cover:**

# Technical Document1 (scanned & join in pdf format then upload)

- 1. Copy of Demand Draft of Earnest Money Deposit (EMD)
- 2. Copy of Demand Draft of Tender Fee

## Technical Document2 (scanned & join in pdf format then upload)

- 1. NIT Declaration duly stamped & signed in letter head (Section R)
- 2. Bid Form as per format (Section E)

# Technical Compliance (scanned & joins in pdf format then upload)

- 1. Technical Specification With Compliance Statement (Section I)
- 2. Manufacturer Authorisation Form (Section M)

# Financial Cover:

BOQ will be downloaded and same will be uploaded with quoted rates. While uploading BOQ file name shall remain unchanged. Absence of this document shall lead to summary rejection of the bid.

#### NON-STATUTARY COVER (MY SPACE) CONTAIN FOLLOWING DOCUMENT:

(In each folder, scanned coy will be uploaded with single file having multiple pages)

S1. No.	Category Name	Sub Category Name	Sub Category Description
A	CERTIFICATES	A1. CERTIFICATES	<ul> <li>GST Registration Certificate</li> <li>PAN</li> <li>Trade License</li> <li>As required</li> </ul>
В	COMPANY DETAILS	B1. COMPANY DETAILS 1	As required
		B2. COMPANY DETAILS 2	<ul> <li>Company Profile (Not more than 3 pages)</li> <li>As required</li> </ul>
С	CREDENTIAL	CREDENTIAL 1	Order copies as per Clause no. 4 of Section – B
		CREDENTIAL 2	Product brochure     Other documents, if any
D	DECLARATION	DECLARATION 1	List of Clients as per format (Section – P)
		DECLARATION 2	Financial Capability of Bidder as per format (Section – K)
		DECLARATION 3	<ul> <li>Bidder's Details as per format (Section – L)</li> <li>Service Support as per format (Section – P)</li> </ul>
		DECLARATION 4	Details of Order Execution as per format (Section – J)
		DECLARATION 5	As required
F	FINANCIAL INFO	P/L & BALANCE SHEET 2014-2015	P/L & BALANCE SHEET 2015-2016
		P/L & BALANCE SHEET 2015-2016	P/L & BALANCE SHEET 2016-2017
		P/L & BALANCE SHEET 2016-2017	P/L & BALANCE SHEET 2017-2018

# SECTION – H BILL OF MATERIAL

Sr. No	Product Description	Quantity	Unit
A	Supply Items		
1	75" inch UHD LED Display as per specification (Make: LG / NEC / BARCO)	2	No.
2	55" inch LED Display along with TV trolly with Castor wheels as per specification (Make: LG / NEC / BARCO)	4	No.
3	43" inch LED Display as per specification (Make: LG / NEC / BARCO)	2	No.
4	8x8 4K HDMI Matrix Switcher as per specification (Make: AMX, Crestron, Aten, Extron)	2	No.
5	Audio de embedder as per specification (Make: AMX, Crestron, Aten, Extron)	2	No.
6	HDMI HDBaseT Extender 4K@100m as per specification (Make: AMX, Crestron, Aten, Extron)	8	No.
7	HDMI & VGA HDBaseT Transmitter as per specification (Make: AMX, Crestron, Aten, Extron)	4	No.
8	HDMI HDBaseT Receiver with POH as per specification (Make: AMX, Crestron, Aten, Extron)	4	No.
9	Recording, Streaming and Webcasting system as per specification (Make:Lumens/Extron/Crestron)	2	No.
10	HD PTZ camera as per specification (Make: Lumens/Extron/Crestron)	5	No.
11	Full HD Desktop document camera as per specification (Make: Lumens/Wolfvision)	2	No.
12	Video Conferencing Unit as per specification (Make: Polycom/Cisco/Lifesize)	2	No.
13	Software based Multi party conferencing bridge for video conferencing (Make:Polycom/Cisco/Lifesize)	1	No.
14	Digital Signal Processor with Acoustic Echo Cancellation (AEC) technology as per specification (Make: Polycom/Biamp/Extron)	2	No.
15	Ceiling mount Microphones as per specification (Make: Polycom/Cisco/Lifesize)	5	No.
16	Wireless Handled Micrphone as per specification (Make: Sennheisr/AKG/Beyerdynamic)	2	No.
17	Wireless Lapel Microphone as per specification (Make: Sennheisr/AKG/Beyerdynamic)	2	No.
18	Gooseneck Mic LED with Base stand with Switch as per specification (Make: Sennheisr/AKG/Beyerdynamic)	2	No.
19	Mulitchannel Amplifier as per specification (Make: Crown/Apart/Biamp)	2	No.
20	Line Array Column Loudspeaker as per specification (Make: JBL/Tannoy/Apart)	10	No.
21	Audio Visual Controller (Make: Aten/ Crestron/AMX)	2	No.
22	IR probes as per specification (Make: Aten/ Crestron/AMX)	14	No.
23	Ipad Touch Interface, and required software as per specification (Make: Apple / Wacom)	2	No.
24	Wireless router cum mini switch as per specification (Make: Netgear / Dlink / Tplink)	2	No.
25	HDMI Cable as per specification (Make: Extron/Aten/Purelink)	41	No.
26	VGA with Audio Cable 15-pin HD Male to Male Molded - 6' (1.8 m) (Make: Extron/Aten/Purelink)	4	No.
27	Serial Control/Audio Cable - 1,000' (305 m) spool (Make: Extron /	2	No.

	Aten/ Kramer)		
28	16 AWG Speaker Cable - 1,000' (305 m) spool spool (Make: Extron / Aten/ Kramer)	8	No.
29	Cat6 control Cable (305 m Box) (Make: Molex/Dlink/Amp)	4	No.
30	Connectors, conduits and accessories	2	Lot
31	15" AV Rack with 2 trays, 2 power strip and castor wheels as per specification (Make: Valrack / Netrack / APW)	2	No.
В	Installation & commissioning work, and facility management services		
32	Installation, Programming & Commissioning	1	Lot
33	Facility Management Service for 1 year (8hrsx5days basis) on site one manpower for each location - Total two locations	1	Lot

Bill of quantity may change at the time of ordering of Purchase Order. Detailed Technical Specifications are given in Section - I

# **SECTION - I**

# TECHNICAL SPECIFICATION WITH COMPLIANCE STATEMENT

(Tender No. WTL/PWD/VC/19-20/001)

	Minimum Specifications for 75" inch	LED Display	
Quantity	aantity 2 Nos.		
Make			
Model			
Part No.			
·	Item Description	Offered Spec	Complied (Yes/No)
	The display will be mounted on wall. In case space is not available, mounting arrangement shall be from ceiling. Bidders are advised to visit site.		
Screen Size	75 (190.5 cm)		
Aspect Ratio	16:09		
Brightness	350cd/m2		
Panel Technology	IPS		
Native Resolution	3840 x 2160 (UHD)		
Viewing Angle (HxV)	178 x 178		
Contrast Ratio	1,200:1		
Power Consumption (Typical Mode)	240W or Less		
Input	HDMI, DP, DVI-D, Audio, USB 3.0, SD Card		
Output	DP, Audio		
External Control	RS232C, RJ45, IR Receiver, Pixel Sensor		

Minimum Specifications for 55" inch LED Display along with TV Trolley with castor wheels				
Quantity	4 Nos.			
Make				
Model				
Part No.				
	Item Description	Offered Spec	Complied (Yes/No)	
Screen Size	55 (139 cm)diagonal			
Aspect Ratio	16:09			
Brightness	350cd/m2			
Panel Technology	IPS			
Native Resolution	1920 x 1080 (FHD)			
Viewing Angle (HxV)	178 x 178			
Contrast Ratio	1,100:1			
Power Consumption (Typical Mode)	70 W or Less			
Input	HDMI(2), DP, DVI-D, Audio, USB 3.0, SD Card			
Output	DP, Audio			
External Control	RS232C, RJ45, IR Receiver, Pixel Sensor			

TV Trolley	Heavy duty steel capable of supporting the heaviest screen of 55 " inch display	
	with floor mount arrangement along with	
	castor wheel.	
	Universal screen interface	
	Fixing: Suitable for above display	

	Universal screen interface		
	Fixing: Suitable for above display		
	Minimum Specifications for 43" inch LEI	Display on Table	
Quantity	2 Nos.		
Make			
Model			
Part No.			
1411101	Item Description	Offered Spec	Complied (Yes/No)
Screen Size	109cm (43)		
Aspect Ratio	16:09		
Brightness	350		
Panel Technology	IPS		
Native Resolution	1920X1080		
Viewing Angle (HxV)	178x178		
Contrast Ratio	1,100:1		
Power Consumption (Typical Mode)	60 W or Less		
Input	HDMI(2), DVI-D, RGB, Audio		
Output	Audio		
External Control	RS232C in/out, RJ in, IR Receiver, USB		
	Minimum Specifications for 8x8 4K HDM	II Matrix Switcher	
Quantity	2 Nos.		
Make			
Model			
Part No.			
I	Item Description	Offered Spec	Complied (Yes/No)
Video Input & Output Impedance	100 Ω		
Max. Data Rate	10.2 Gbps (3.4 Gbps Per Lane)		
Max. Pixel Clock	340 MHz		
HDMI (3D, Deep Color) and HDCP compatible	Yes		
Max. Resolution	Up to 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0); 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4)		
Operating	0-50°C		
Temperature Storage	-20 - 60°C		
~.ugu			

Minimum Specifications for Audio De-embedder		
Quantity	2 Nos.	
Make		

Model			
Part No.			
	Item Description	Offered Spec	Complied (Yes/No)
Max. Data Rate	6.75 Gps (2.25 Gbps Per Lane)		
Max. Pixel Clock	225 MHz		
Compliance	HDMI (3D, Deep Color)		
	HDCP Compatible		

	Minimum Specifications for HDBas	eT Extenders	
Quantity	8 Nos.		
Make			
Model			
Part No.			
	Item Description	Offered Spec	Complied (Yes/No)
Max. Data Rate	10.2 Gbps		
Max. Pixel Clock	Up to 340 MHz		
Max. Resolutions / Distance	Up to 4K@70m (Cat 5e/6) / 100m (cat 6a); 1080p@100m		
	4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0); 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4)		
RS-232	1 x Terminal Block, 3 Pole		
IR	2 x Mini Stereo Jack Female (Black)		

Minimum Specifications for HDBaseT Transmitter				
Quantity	4 Nos.			
Make				
Model				
Part No.				
	Item Description	Offered Spec	Complied (Yes/No)	
Interfaces	1 x HDMI Type A Female & 1 x HDB-15 (VGA)			
Max. Data Rate	10.2Gbps (3.4Gbps per lane)			
Impedance	HDMI: 100 Ω, HDB-15 (VGA): 75 Ω			
Max. Pixel Clock	340 MHz			
Max. Resolutions / Distance	HDMI: Up to 4K@70m (Cat 5e/6) / 100m (Cat 6a); 1080p@100m (Cat 5e/6/6a)			

Minimum Specification for HDBaseT receiver with POH				
Quantity	4 Nos.			
Make				
Model				
Part No.				
	Item Description	Offered Spec	Complied (Yes/No)	
Interfaces	l x HDMI			
Max. Data Rate	10.2Gbps (3.4Gbps per lane)			
Max. Pixel Clock	340 MHz			
Compliance	HDMI (3D, Deep Color, 4K			

Se/6) / 100m (Cat 6a);	fax. Resolutions / Up to 4
e/6/6a)	istance 1080p@

Minin	num Specifications for Recording, streaming	g and webcasting syst	em
Quantity	2 Nos.		
Make			
Model			
Part No.			
	Item Description	Offered Spec	Complied (Yes/No)
Recording Options	Capture from Multiple Sources and able to record and Stream up to min four full motion HD Videos simultaneously in one frame up to 1080p resolution. Multiple encoding rates, Multiple frame rates, Auto Logo Insertion during recording.		
Streaming Options	Webcast, Unicast and Multicast		
Audio Only Encoding Formats	AAC		
Video Inputs	HDMI/VGA/RJ-45		
Input Channel	HDMI / VGA/ IP for Laptop, Visualizer and Cameras with 4 channel synchronized recording.		
Audio Input	Line In, Mic and 3.5 mm Stereo		
Video Processing	At different frame rates up to 30 fps; Multiple Bit Rate from 64kps to 24Mbps in Full HD Resolution of 1080p		
Output Channel	HDMI/VGA		
Storage	In-built Storage of min 1 TB		
Stored File Format	AVI / MPEG4		
Remote Storage	Yes FTP protocol		
Streaming formats	RTP and RTMP		
Display Output	Full Screen, Picture in Picture, Multi-channel split screen.		
Lecture Editing	Through Web-based back stage and Post Lecture Index Editing		
Operation Control	Through Remote Control and web based control interface		
External Control	RS-232 Interface Port		

Minimum Specifications for Full HD PTZ Camera				
Quantity	5 Nos.			
Make				
Model				
Part No.				
,	Item Description	Offered Spec	Complied (Yes/No)	
Sensor	1/3" 2 MP CMOS			
Optical Zoom	Min. 20X or More			
Panning Angle	+170 ~ -170°			
Tilting Angle	+90 ~ -30°			
Preset Positions	Min. 100			
Video Output (HD) Interface	Ethernet, HDMI, 3GSDI			

Video Output	1080p 60/50 fps, 1080i 60/50 fps, 1080p 30/25fps, 720p 60/50fps, 720p 30/25fps, NTSC/PAL	
Camera Control Interface/Protocol	RS-422 / RS232 / Ethernet	
Video S/N Ratio	> 50dB	
Shutter Speed	1/1~1/10,000	
Focal Length	f=5~50 mm	
Horizontal Viewing Angle	56.5°	
Aperture	F1.8~3.0	
Minimum Illumination	Min. 5lux	
Minimum Object Distance	100(Wide)~1000(Tele) mm	
Digital Zoom	12x	
Gain Control	Auto/Manual	
White Balance	Auto, Indoor, Outdoor, One-Push, Manual	
Exposure Control	Auto, Manual	
Focus System	Auto, Manual	
Image Flip	Required	

Minimum Specifications for Full HD Desktop document camera				
Quantity	2 Nos.			
Make				
Model				
Part No.				
- 050,5101	Item Description	Offered Spec	Complied (Yes/No)	
Pick-up Device	CMOS			
Output Resolution	SXGA (1280x 1024), WXGA (1280 x 800), 1080p			
Frame Rate	30 frames/sec.			
Min Capture Area	Min 400 x 300 mm			
Zooming	Min 20X Optical Zoom and 12 X Digital Zoom			
Lamp	Top Light: Gooseneck LED x 2. Built-in Back Light for negatives and slides.			
Built in Storage	Min 200 frames			
External Storage	Supports USB drive up to 4 TB			
Image Capture	Single or continuous capturing images (time lapse photography)			
Picture by Picture	Yes			
Recording	One touch Video / Audio recording in standalone mode with built-in microphone.			
Image Rotation:	0, 180, mirror, flip.			
Slide Show	For continuous image playback (auto or manually)			
Focusing, White Balance and Exposure	Auto / Manual			
Annotation	Yes, Connecting by USB Mouse without PC			
Inputs	VGA Input HD-SUB 15 Pins Female x 1			
	HDMI x 1			
	Audio In x 1			
_	Built in MIC x 1			
Outputs	VGA Output HD-SUB 15 Pins Female x 2,HDMI x 1,Composite Video x 1,USB 2.0 High Speed x 1,RS232 x 1,Audio out x 1			
	ringii speed x 1, hszsz x 1, hudio odl x 1			

	Minimum Specifications for Video Con	ferencing unit	
Quantity	antity 2 Nos.		
Make			
Model			
Part No.			
1 411 1101	Item Description	Offered Spec	Complied
			(Yes/No)
Package	Full HD 1080p camera, Full HD 1080p Codec, Microphone, Cables, and Wireless Remote Control		
Protocols	H.323 and SIP Compliant		
	H.261, H.263, H.264, RTV. The system should support higher Video Compression protocols such as H.264 High Profile/H.265. The system should support G.711, G.722, G.722.1,G.728, G.729A audio protocols H.239, BFCP. H.263 & H.264 Video error		
77' 7 7	concealment. H.281 far end camera control		
Video Inputs	It should have 2 x Full HD Camera Interface.  It should have another inbuilt 3 x HDMI/DVI/VGA port for PC, Document Camera etc.		
Video Outputs	It should have at least 3 x HDMI/DVI ports to connect displays.		
Main Video	Shall work in high definition video		
Resolutions	resolution of 1080p60fps for live video for both Transmit and receive		
Content Resolutions	The system should support 1080p60fps content along with 1080p60fps Main Video		
Camera	Full HD 1080p 60 fps  1280 x 1080p CCD/CMOS imager, Zoom - 10x Optical Zoom or more		
	Field of View - 65 Degrees or Higher Horizontal FOV and 38 Degrees or Higher Vertical FOV		
	It should be capable of enhancing video conferencing experience (by adding additional hardware/software in future) with advanced speaker-tracking technology from the same OEM such that it automatically scans the room and seamlessly commands the main camera to appropriately frame the speaker during a call without any manual intervention.		
Audio Inputs	It should support minimum 4 nos. of Omni Directional ceiling Microphones either directly or through array.  It should have additional Audio Input for PC		
	Audio		
Audio Outputs	It should have at least 1 x HDMI port It should have at least 1 x 3.5mm/RCA		
Network	Stereo Line-Out port Should have 100/1000 Mbps auto speed Ethernet port		
	Support Data Rate of 6 Mbps or more on IP (H.323 and SIP)		
Multipoint	The system should support 7 more locations all with HD 720p resolution (1+7) using the in built capability from day 1.		
Other Ports	Serial/Ethernet control port for integrating with external control system and minimum		

	2 USB ports.	
Other Features	Should work with IPv4 and IPv6 addressing schemes	
	Should support QOS (Quality of Service) definitions	
	Should support content sharing over network as well as with directly connecting cable	
	Should support native integration with Skype for Business and Lync.	
	Global Directory / Centralized directory support	
Power	Should operate on 230v, 50 Hz Power supply, Auto sensing power supply	
Nominal impedance	< 100 Ω	
Maximum sound pressure level	130 dB SPL	

Minimum Speci	fication for Software based Multiparty confe	erencing bridge for vide	o conferencing
Quantity	1 No	os.	
Make			
Model			
Part No.			
	Item Description	Offered Spec	Complied (Yes/No)
	Software based multiparty video conferencing license with minimum 5 concurrent users		

Minimum S	Minimum Specification for Digital Signal Processor with acoustic eco cancellation (AEC technology)		
Quantity	2 Nos.		
Make			
Model			
Part No.			
	Item Description	Offered Spec	Complied (Yes/No)
	Stereo Acoustic Echo Cancellation (AEC) – product should support both monaural and stereo echo cancellation from 20Hz to 22 kHz – AEC.		
	Support feedback elimination		
	Support matrix architecture – Connect multiple units together to create larger systems without the limitations of traditional bussing		
	Conferencing features should be available on all inputs.		
	Must support Gain sharing automatic microphone mixer		
	Must support Modular dual-line PSTN, or VoIP telephony cards. Frequency response supported – $100~Hz$ – $20~kHz$ , Codecs supported: G.711 (A-law and $\mu$ -law), G.729AB, G.722, G.722.1, and G.722.1C. SIP protocol support.		

	Fully integrated with video conference solution requested in the RFP.	
	Must support Flexible support of logic inputs (contact closures) and logic outputs For push-to-talk microphones and other applications	
	Must support Password protection – Prevent unauthorized users from accessing, controlling or making changes to the system	
I I	Compatible with both Ceiling Microphone arrays and traditional analog microphones	
	Support simple-to-use interface for volume control, muting, and dialing of DSP through touch control from same OEM.	

Offered Spec	Complied (Yes/No)

	Minimum Specifications for Wireless Handled Microphone
Quantity	2 Nos.
Make	
Model	
Part No.	

Item Description	Offered Spec	Complied (Yes/No)
Audio frequency response: 100Hz to 14kHz.		
Input voltage range: -18dBu to +18dBu (XLR In).		
Maximum output level +10dBV with a signal-to-noise ratio of > 80dB A-weighted at +18dBV.		
Total harmonic distortion < 0.01% A- weighted at +6dBV In and Out.		
Power consumption shall be 245W;		
Operating temperature shall be +5°C to +50°C.		

	Minimum Specifications for Wireless Lapel Microphone		
Quantity	2 Nos		
Make			
Model			
Part No.			
	Item Description	Offered Spec	Complied (Yes/No)
	Frequency range: 470 - 516 MHz,516 - 558 MHz, 734 - 776 MHz  Total harmonic distortion: ≤ 0.9 %  Signal-to-noise ratio: ≥ 110 dBA  Total harmonic distortion < 0.01% A- weighted at +6dBV In and Out.  Switching bandwidth: up to 42 MHz operating temperature shall be +5°C to +50°C.  Peak deviation: ±48 kHz Nominal deviation: ±24 kHz  Modulation: Wideband FM  Current consumption: 300 mA  Adjacent channel rejection: Typically ≥ 65 dB  Intermodulation attenuation: Typically ≥ 65 dB		
	Receiving frequency: Max. 1680 receiving frequencies, adjustable in 25 kHz steps 20 frequency banks, each with up to 12 factory-preset channels, no intermodulation 1 frequency bank with up to 12 programmable channels  RF sensitivity: < 2.5 µV for 52 dBA Receiver Principle: True diversity; Blocking:≥ 70 dB		

	Minimum Specification for Specifi	cation for Gooseneck Mic	
Quantity		2 Nos.	
Make			
Model			
Part No.			
	Item Description	Offered Spec	Complied (Yes/No)
	Acoustics: cardioid		

	Frequency response:50 Hz - 20 kHz	
	Nominal impedance:< 100 Ohm	
	Maximum sound pressure level:130 dB SPL	
	Equivalent noise level:26 dB (A)	
	weighted as per CCIR 468-3:37 dB	
	Phantom powering:.P12 - P48 V	
	Current consumption microphone:3 mA	
	Connectivity: XLR 3M	
	Weight::147 g (4,72 oz)	
	Length:450 mm (17,72")	
	Diameter:8 mm (0,31")	
	Operating temperature:.0+40°C	
	Coating: .matte black	
	Delivery includes: MEG 14-40 B	
Specification for Base stand with switch of Gooseneck Mic	Dimensions:120 x 170 x 43 mm (BTH / WDH)	
	Connector: Mic in: XLR-3F	
	Connector: Mic out: XLR-3M	
	Connector: Logic: clip contact for logic,	
	Pin assignment: trigger signal at the logic	
	connector: Logic in (external LED	
	control), GND, Logic out (switch signal) Weight:1210 g	
	Phantom powering: P 24 - P 48	
	Operating temperature:-10° - +50°C	

	Minimum Specifications for Multichan	nel Amplifier	
Quantity	2 Nos.		
Make			
Model			
Part No.			
1	Item Description	Offered Spec	Complied (Yes/No)
channels	Current consumption:3.7 mA		
Sensitivity			
Rated Power Output (all channels driven)	Output voltage: Logic out: high level output voltage > 2.4 V, low level output voltage < 0.4 V		
THD (full rated power, 20 Hz - 20 kHz)	Output voltage: Logic in: high level input voltage > 2.0 V, low level input voltage < 0.8 V		
Intermodulation Distortion (from 0 dB down to -30 dB)	< 0.05%		
Frequency Response (at 1W, 4/8 ohms)	+/- 0.5 dB		
Crosstalk (below rated power) 20 Hz to 1 kHz	> 70 dB		

	Minimum Specifications for Line Array Column Loudspeaker
Quantity	10 Nos.
Make	

Model			
Part No.			
	Item Description	Offered Spec	Complied (Yes/No)
Frequency Range (-10 dB)	80 Hz – 20 kHz		
Sensitivity (2.83V@ 1m)	93 dB (speech mode, 2 kHz - 14 kHz), 89 dB (music mode, 300 Hz - 18 kHz)		
Nominal Impedance	8 Ohms		
Power Capacity	150W (600W peak),100 W (400W peak)		
70V/100V Transformer Tap	60W, 30W, 15W, (7.5W at 70V only), and 8 thru, via switch		
Coverage Pattern	Vertical 20° (1.5 kHz - 16 kHz, ±10°),Horizontal 150° (ave, 1 kHz - 4 kHz, ±20°)		

Minimum Specifications for Audio Visual Controller				
Quantity	2 Nos.			
Make				
Model				
Part No.				
	Item Description	Offered Spec	Complied (Yes/No)	
Controller	Web based control			
Management				
Control app support	iPhone®, iPad®, and Android™			
IR - SERIAL OUTPUT	8-pin 3.5 mm detachable terminal			
	blocks			
RELAY OUTPUT	8-pin 3.5 mm detachable terminal			
	blocks;			
COM Port	Minimum 4 numbers required			
LAN	RJ45 jack; 10Base-T/100Base-TX			
	Ethernet port			

Minimum Specifications for IR Probes				
Quantity	14 Nos.			
Make				
Model				
Part No.				
	Item Description	Offered Spec	Complied (Yes/No)	
Features-1	IR (infrared) emitter probe should be designed to adhere directly over the IR sensor window of a television, DVD player, or any other IR controllable device.			
Feature-2	A LED should flash to indicate that IR emitter is transmitting.			

Minimum Specifications for IPAD Touch Interface		
Quantity	Quantity 2 Nos.	
Make		

Model			
Part No.			
	Item Description	Offered Spec	Complied (Yes/No)
	Should be minimum 10" diagonal Touch- screen or better		
	Should include appropriate mounting bracket		
	Should include iPad, Lightning to USB Cable and USB Power Adapter		
	iOS operating system & should have built in 32GB space (Latest version)		

	Minimum Specifications for Wireless Router cum mini Switch			
Quantity	ty 2 Nos.			
Make				
Model				
Part No.				
	Item Description	Offered Spec	Complied (Yes/No)	
	300Mbps Wireless N Router for interruption sensitive applications like HD video streaming			
	Minimum Two antennas			
	Wireless security encryption at a push of WPS button			
	Compatible with IPv6			

	Minimum Specifications for HDMI Ultra-Fl	exible Cable - 6' (1.8 m)	
Quantity	41 1	41 Nos.	
Make			
Model			
Part No.			
	Item Description	Offered Spec	Complied (Yes/No)
Feature-1	4K Premium High Speed HDMI Ultra-Flexible Cable - 6' (1.8 m)		

	Minimum Specifications for VGA wi	th Audio cable	
Quantity	4 Nos.		
Make			
Model			
Part No.			
	Item Description	Offered Spec	Complied (Yes/No)
Feature-1	VGA with Audio Cable: 15-pin HD Male to Male Molded - 6' (1.8 m)		

Minimum Specifications for Serial Control/Audio Cable - 1,000' (305 m) spool		
Quantity	Quantity 2 Nos.	
Make		

Model			
Part No.			
	Item Description	Offered Spec	Complied (Yes/No)
Feature-1	Serial Control/Audio Cable - 1,000' (305 m) spool		

M	inimum Specifications for 16 AWG Speaker Cal	ole - 1,000' (305 m) spo	ol
Quantity	8 Nos.	8 Nos.	
Make			
Model			
Part No.			
	Item Description	Offered Spec	Complied (Yes/No)
Feature-1	16 AWG Speaker Cable - 1,000' (305 m) spool		

Minimum Specifications for Cat6 control Cable (305 m Box)				
Quantity	4 Nos.			
Make				
Model				
Part No.				
	Item Description	Offered Spec	Complied (Yes/No)	
Feature-1	CAT6 UTP 4 Pair PVC cable			

	Minimum Specifications for Connectors, cor	duits and accessories			
Quantity	2 Lot.				
Make					
Model					
Part No.					
	Item Description	Offered Spec	Complied (Yes/No)		
Feature-1	Compatible connectors necessary as required. Conduits and accessories as per requirement.				

Minimur	Minimum Specifications for 15" AV Rack with 2 trays, 2 power strip and castor wheels				
Quantity	Quantity 2 Nos.				
Make					
Model					
Part No.					
	Item Description	Offered Spec	Complied (Yes/No)		
	Enclosure Type: Floor mount Side Integrated castor wheel				
	Weight Capacity: Load Capacity of up to 70 Kg.				
	Enclosure: Rack Robust and consist of standardized multifold, welded and powder coated sheet steel frame structure integrated with top, bottom, front and two side panels.				

ing work ed Spec Complied (Yes/No)
ed Spec Complied
rvices
ed Spec Complied (Yes/No)
י

Authorized Signatory (Signature In full):	
Name and title of Signatory:	
Stamp of the Company:	

#### **SECTION - J**

#### **DETAILS OF ORDERS EXECUTED BY BIDDER**

(Tender No. WTL/PWD/VC/19-20/001)

S1. No.	Order No.	Order Date	Order Value	Brief description of items and job details	Completed (Yes/NO)	Name of the Customer	Contact details of the Customer

Authorized Signatory (Signature In full):
Name and title of Signatory:
Stamp of the Company:

#### Note:

- A. Type of Project shall indicate the implementation of services (Implementation of Audio-Visual and Video Conferencing Facility between Kolkata Session Court and Darjeeling Session Court).
- B. Scope of work shall indicate whether it is implementation, Operation or maintenance.
- C. Submit Customer Order Copy details of the order indicating the project value, customer contact details.

## SECTION - K

#### FINANCIAL CAPABILITY OF BIDDER

(Tender No. WTL/PWD/VC/19-20/001)

#### **FINANCIAL INFORMATION**

Sl. No.	Name of the Bidder	Turnover (Rs. / Crores)			
		2015-16	2016-17	2017-18	
1					

Authorized Signatory (Signature In full):	_
Name and title of Signatory:	
Stamp of the Company:	
Note:	

Submit the audited financial statement/ audited annual report of the last three financial years.

## SECTION - L

#### **BIDDERS'S DETAILS**

(Tender No. WTL/PWD/VC/19-20/001)

1	Name of the Firm	
2	Registered Office Address	
	Contact Number	
	Fax Number	
	E-mail	
3	Correspondence / Contact address	
	Name & Designation of Contact person	
	Address	
	Contact Number	
	Fax Number	
	E-mail	
4	Is the firm a registered company? If yes, submit	
<b>"</b>	documentary proof	
	Year and Place of the establishment of the company	
6	Former name of the company, if any	
7	Is the firm	
1	a Government/ Public Sector Undertaking	
	a propriety firm	
	<ul> <li>a propriety infit</li> <li>a partnership firm (if yes, give partnership deed)</li> </ul>	
	a limited company or limited corporation	
	- · · ·	
	<ul> <li>a member of a group of companies, (if yes, give</li> <li>name and address and description of other</li> </ul>	
	companies)	
	a subsidiary of a large corporation (if yes give the	
	name and address of the parent organization). If	
	the company is subsidiary, state what involvement	
0	if any, will the parent company have in the project.	
8	Is the firm registered with Sales Tax department? If yes,	
_	submit valid GST Registration certificate.	
9	Is the firm registered for Service Tax with Central Excise	
	Department (Service Tax Cell)? If yes, submit valid	
10	Service Tax registration certificate.	
10	Total number of employees. Attach the organizational	
11	chart showing the structure of the organization.	
11	Are you registered with any Government/ Department/	
10	Public Sector Undertaking (if yes, give details)	
12	How many years has your organization been in business	
	under your present name? What were your fields when	
10	you established your organization	
13		1
	What type best describes your firm? (Purchaser reserves	
	the right to verify the claims if necessary)	
	the right to verify the claims if necessary)  • Manufacturer	
	the right to verify the claims if necessary)  Manufacturer  Supplier	
	the right to verify the claims if necessary)  Manufacturer Supplier System Integrator	
	the right to verify the claims if necessary)  Manufacturer Supplier System Integrator Consultant	
	the right to verify the claims if necessary)  Manufacturer  Supplier  System Integrator  Consultant  Service Provider (Pl. specify details)	
	the right to verify the claims if necessary)  Manufacturer Supplier System Integrator Consultant Service Provider (Pl. specify details) Software Development	
	the right to verify the claims if necessary)  Manufacturer  Supplier  System Integrator  Consultant  Service Provider (Pl. specify details)  Software Development  Total Solution provider (Design, Supply ,	
	the right to verify the claims if necessary)  Manufacturer  Supplier  System Integrator  Consultant  Service Provider (Pl. specify details)  Software Development  Total Solution provider (Design, Supply, Integration, O&M)	
14	the right to verify the claims if necessary)  Manufacturer  Supplier  System Integrator  Consultant  Service Provider (Pl. specify details)  Software Development  Total Solution provider (Design, Supply, Integration, O&M)  IT Company	
14	the right to verify the claims if necessary)  Manufacturer  Supplier  System Integrator  Consultant  Service Provider (Pl. specify details)  Software Development  Total Solution provider (Design, Supply, Integration, O&M)  IT Company  Number of Offices in district head quarters in West Bengal	
15	the right to verify the claims if necessary)  Manufacturer  Supplier  System Integrator  Consultant  Service Provider (Pl. specify details)  Software Development  Total Solution provider (Design, Supply, Integration, O&M)  IT Company  Number of Offices in district head quarters in West Bengal  Is your organization has ISO 9001:2008 certificates?	
	the right to verify the claims if necessary)  Manufacturer  Supplier  System Integrator  Consultant  Service Provider (Pl. specify details)  Software Development  Total Solution provider (Design, Supply, Integration, O&M)  IT Company  Number of Offices in district head quarters in West Bengal	

17	Have you in any capacity not completed any work				
	awarded to you? (If so, give the name of project and				
	reason for not completing the work)				
18	Have you ever been denied tendering facilities by any				
	Government / Department / Public sector Undertaking?				
	(Give details)				
Autl	norized Signatory (Signature In full):				
3.7					
Man	Name and title of Signatory:				
Con	npany Rubber Stamp:				
501	ipary rubber starte.				

## **SECTION - M**

#### **MANUFACTURER'S AUTHORIZATION FORM**

Date:					
To Webel Technology li Plot-5, Block-BP, Sec Salt Lake <u>Kolkata-700 091</u>					
Ref: Tender No.: WTL	/PWD/VC/19-20/00	01 dated 08/04/2019			
WHEREAS		and	who are having do	production hereby	facilities at authorize
		(he	reinafter, the "Bid	locate der") to submit a	d
Products produced by	us, for the Supply	Requirements associ	ated with the abov	e Invitation for B	3ids.
When resold by warranty terms.		, these produ	acts are subject to	o our applicable	e standard end user
We assure you that in Provider in respect of alternate arrangemen	of our standard W				
We also confirm that _hence provide mainte				provider/system	m integrator and can
We also confirm that to 5 years from the day years warranty.					
We also confirm that the date of placement			elivery schedule a	gainst above me	entioned tender from
Name		In the capacity of			
Signed					
Duly authorized to sig	n the authorization	for and on behalf of $\_$			
Dated on	day of	2019			
<b>Note</b> : This letter of a signatory.	authority must be o	on the letterhead of	the Manufacturer	and duly signe	ed by an authorized

## SECTION - N

## **FORMAT FOR PRE-BID MEETING QUERY**

(Tender No. WTL/PWD/VC/19-20/001)

Queries	Queries						
S1. No.	Section No.	Clause No.	Page No.	Queries			
before l	Pre Bid Mee	ting. Querie	es received	LS & PDF Format. There is a cut off date for receiving of queries d after the cutoff period will not be accepted. The Purchaser over e-mail.			
Authori	Authorized Signatory (Signature In full):						
Name a	nd title of Sig	gnatory:					
Compa	Company Rubber Stamp:						

Name of the Bidder:

## SECTION - O

#### **LIST OF CLIENTS OF SIMILAR ORDERS**

(Tender No. WTL/PWD/VC/19-20/001)

Sl. No.	Name of the Client	Address	Contact Person	Designation	Contact Numbers

Authorized Signatory (Signature In full): _	
Name and title of Signatory:	
Company Rubber Stamp:	

## **SECTION - P**

#### SUPPORT SERVICE CENTER & MANPOWER DETAILS OF BIDDER

(Tender No. WTL/PWD/VC/19-20/001)

S1. No.	Name of Place	Address	Name of Support Personnel	Contact Number

Authorized Signatory (Signature In full):	
Name and title of Signatory:	
Company Rubber Stamp:	

#### SECTION - Q

#### PROFORMA FOR PERFORMANCE BANK GUARANTEE

(On non-judicial stamp paper of appropriate value to be purchased in the name of executing Bank)

# PROFORMA OF BANK GUARANTEE FOR SECURITY DEPOSIT –CUM-PRFORMANCE GUARANTEE

Ref Bank Guarantee no
Date PROFORMA OF BG FOR SECURITY DEPOSIT
TROTORIMTOT BOTOR BEOURITEDER OBT
KNOW ALL MEN BY THESE PRESENTS that in consideration of WEBEL TECHNOLOGY LIMTED, a Government of West Bengal Undertaking incorporated under the Companies Act, 1956 having its Registered office at Webel Bhavan, Block EP&GP, Sector V, Kolkata-700 091 (hereinafter called "The Purchaser") having agreed to accept from
which breach the opinion of the Purchaser shall be final and conclusive.
(2) AND WE,DO HEREBY Guarantee and undertake to pay forthwith on demand to the Purchaser such sum not exceeding the said sum ofRupees) only as may be specified in such demand, in the event of the Contractor failing or neglecting to execute fully efficiently and satisfactorily the order for Work Order no. , dated
(3) WE further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said order as laid down in the said Work Order No dated including the warranty obligations and that it shall continue to be enforceable till all the dues of the Purchaser under or by virtue of the said Work Order No dated have been fully paid and its claims satisfied or is charged or till the Purchaser or its authorized representative certified that the terms and conditions of the said Work Order No dated have been fully and properly carried out by the said contractor and accordingly discharged the guarantee.  (4) We the Guarantor undertake to extend the validity of Bank Guarantee at the request of the contractor for further period of periods from time to time beyond its present validity period failing which we shall pay the Purchaser the amount of Guarantee.
(5) The liability under the Guarantee is restricted to Rs (Rupees and unless a claim in writing is presented to us or an action or suit to enforce the claim is filled against us within 6 months from all your rights will be forfeited and we shall be relieved of and discharged from all our liabilities (thereinafter)
(6) The Guarantee herein contained shall not be determined or affected by liquidation or winding up or insolvency or closer of the Contractor.
(7) The executants has the power to issue this guarantee on behalf of Guarantor and holds full and valid power of Attorney granted in his favour by the Guarantor authorizing him to execute the Guarantee.

(8) Notwithsta	anding anything containe	ed herein above, our liability under this guarantee is restricted to
Rs	(Rupees	) only and our guarantee shall remain in force up to
		nd or claim under the guarantee is made on us in writing on or
before	all your rights	ts under the guarantee shall be forfeited and we shall be relieved
	ed from all liabilities ther	The state of the s
WE,	last1	tly undertake not to revoke this guarantee during the currency
except with		ent of the Purchaser in writing. In witness whereof we and subscribed our hand on this day of
		= =
		SIGNED, SEALED AND DELIVERED
		(Stamp of the executants)
WITNESS		
1)		
2)		
(Name &	address in full with Rubbe	per Stamp)

#### INSTRUCTIONS FOR FURNISHING BANK GUARANTEE

- 1. Bank Guarantee (B.G.) for Advance payment, Mobilization Advance, B.G. for security Depositcum-Performance Guarantee, Earnest Money should be executed on the Non- Judicial Stamp paper of the applicable value and to be purchased in the name of the Bank.
- 2. The Executor (Bank authorities) may mention the Power of Attorney No. and date of execution in his/her favour with authorization to sign the documents. The Power of Attorney is to be witnessed by two persons mentioning their full name and address.
- 3. The B.G. should be executed by a Nationalised Bank/ Scheduled Commercial Bank preferably on a branch located in Kolkata. B.G. from Co-operative Bank / Rural Banks is not acceptable.
- 4. A Confirmation Letter of the concerned Bank must be furnished as a proof of genuineness of the Guarantee issued by them.
- 5. Any B.G. if executed on Non-Judicial Stamp paper after 6 (six) months of the purchase of such stamp shall be treated as Non-valid.
- 6. Each page of the B.G. must bear signature and seal of the Bank and B.G. Number.
- 7. The content of the B.G. shall be strictly as Performa prescribed by WTL in line with Purchase Order /LOI/ Work Order etc. and must contain all factual details.
- 8. Any correction, deletion etc. in the B.G. should be authenticated by the Bank Officials signing the B.G.
- 9. In case of extension of a Contract the validity of the B.G. must be extended accordingly.
- 10. B.G. must be furnished within the stipulated period as mentioned in Purchase Order / LOI / Work Order etc.
- 11. Issuing Bank / The Bidder are requested to mention the Purchase Order / Contract / Work Order reference along with the B.G. No. For making any future queries to WTL.

#### **SECTION - R**

#### **NIT DECLARATION**

(Bidders are requested to furnish the Format given in this section, filling the entire Blank and to be submitted on Bidder's Letter Head)

To Webel Technology Limited Plot – 5, Block – BP, Sector - V, Salt Lake City, Kolkata – 700091.

Thanking you, we remain

<u>Sub: Implementation of Audio-Visual and Video Conferencing Facility between Kolkata Session Court and Darjeeling Session Court.</u>

Dear Sir,

We the undersigned OEM/(s) declare that we have read and examined in details the specifications and other documents of the subject tender no. WTL/PWD/VC/19-20/001 dated 08.04.2019. Implementation of Audio-Visual and Video Conferencing Facility between Kolkata Session Court and Darjeeling Session Court. Published by Webel Technology Limited in e-Tender website.

We further declare that we have agreed and accepted all the clauses / sub-clauses / formats / terms & conditions other requirements related to the said tender and we will abide by the same as mentioned in the tender document while executing the said tender though our partner and comply the delivery schedule and maintain the Service Level Agreement during the entire warranty period as per tender terms.

Yours faithfully
Signature
Name in full
. Designation
Company Stamp
Dated, thisday of2019