

**PRE-BID CLARIFICATION**  
**Reply / clarification to the pre-bid queries**

**Reference:- Clarifications with reference to pre bid meeting dated: 23<sup>th</sup> January, 2024.**

The pre-bid meeting for implementation and execution of Live Streaming and Recording of Court Proceeding on turnkey basis in the High Court of Uttarakhand on Turnkey Basis was held on 23<sup>th</sup> January, 2024. Based on the queries and deliberation by the High Court in response to the queries, response/clarification supersede the respective clauses mentioned in the tender document, other terms/clauses shall remain unchanged.

**Note:-** This Corrigendum shall now be a part of the main tender document for all purposes.

SN	Section No.	Clause No.	Reference/ Subject	Clarification Sought	Remarks from High Court
1	Section IV: Solution Overview - Live Streaming of Court Proceeding Solution	2. Storage and Access:	Archived data shall be stored in electronic devices in encrypted form with a specific hash (#) value.	The current BOQ Scope does not ask for the functionality as the On-Premise Storage has not been asked. <b>Please confirm</b> if this is for future integration	See Section COMPONENTS NEEDED AND SOLUTION OVERVIEW
2	Section IV: Solution Overview - Live Streaming of Court Proceeding Solution	3. Relay of Proceedings and Recordings:	Personal information such as date of birth of parties, home address, identity card number, bank account information, and the personal information of related parties, such as close relatives, witnesses and other participants, will be deleted or muted during Live streaming. However, such Proceedings will be preserved in the archival data.	The Current BOQ Scope does not include the functionality to allow deletion/muting of specific data. <b>Please confirm</b> if this will be integrated in future.	See Section COMPONENTS NEEDED AND SOLUTION OVERVIEW
3	Section IV: Solution Overview - Live Streaming of Court Proceeding Solution	3. Relay of Proceedings and Recordings:	There shall be a delay of ten minutes in streaming, which may be changed as per the direction of the Court.	The Current BOQ Scope does not include functionality to delay the streaming. Moreover the Streaming platforms such as Youtube, Facebook etc do not support the delay functionality. <b>Please confirm</b> if this has to be integrated in future.	See Section COMPONENTS NEEDED AND SOLUTION OVERVIEW
4	Section IV: Solution Overview - Live Streaming of Court Proceeding Solution	5. Functional requirement/Unit	5.4 All-in-one PC (touch screen) with good quality camera and audio device is proposed for Hon'ble Judges to join in online hearing. For Higher quality executive VC desktops may also be used.	The current BOQ scope asks for a Display for the Hon Judges which will be connected to the VC Codec and will display the Far End Meeting View. Hence please confirm if PC/Desktop is required.	Desktop may not be compulsory for CODEC system however similar device for viewing and controlling the Live Streaming is required to be provided by the bidder.
5	Section IV: Solution Overview - Live Streaming of Court Proceeding Solution	5. Functional requirement/Unit	5.4 All-in-one PC (touch screen) with good quality camera and audio device is proposed for Hon'ble Judges to join in online hearing. For Higher quality executive VC desktops may also be used.	The clause ask for a All-in-one touch screen display for the Hon Judges. Hence <b>we request to consider 24"</b> (23.8 active area) <i>for multi window display, Interactive Stylus Pen and Touch display in place of AIO Desktop for Hon Judges.</i>	Desktop may not be compulsory for CODEC system however similar device for viewing and controlling the Live Streaming is required to be provided by the bidder.

6	Section IV: Solution Overview - Live Streaming of Court Proceeding Solution	5. Functional requirement/Unit	5.5 The audio and video output from the All-in-One-PC / executive VC Desktop placed on the dais, video output from the cameras and audio output from the microphones are connected to the Audio/Video Mixer or CODEC installed inside the court hall. An all-in-one AV mixer combines the twin functions of audio mixing and video switching in one stand-alone device. This AV mixer typically has enough input ports to connect cameras, mics and secondary sources. For better quality CODEC can also be used.	The Current BOQ scope asked for Vc Codec to which all cameras will get connected and will merge stream of all 3 cameras into 1 stream and sent it to the Virtual meeting. It does not mention requirement of a Video Mixer. Please confirm	See Section COMPONENTS NEEDED AND SOLUTION OVERVIEW
7	Section IV: Solution Overview - Live Streaming of Court Proceeding Solution	3 Implementation Model	1 Maintenance of Audio/Video Files For record purposes and for any future reference the A/V files till 6 months are to be stored either in cloud with two copies of footage i.e. original and live streamed copy. A proper file naming convention is to be in place for easy reference at a later date, the file name of each content may likely referring to the Bench ID, Cause List Date and Type of Cause List and a unique number generated for each file.	As mentioned, the recording has to be retained for 6 Months. Please confirm the total no of hours which need to be stored per court room, & recording format (HD/FHD etc.)which will help us calculate the storage requirement.	See Section COMPONENTS NEEDED AND SOLUTION OVERVIEW
8	4 MINIMUM SPECIFICATIONS AND QUANTITY OF HARWDRAE ITEMS		2. Video conferencing Codec with 3 cameras  SITC of Video Conferencing Unit for Court Room with minimum 3 x 1080p60fps, 20x optical Zoom Cameras, Touch Panel. VC Codec, Cameras and Touch Panel should be from Same OEM. Codec should support standard H.232 and SIP Protocols, H.264, G.711, G.722 or better, H.239, BFCP for content sharing. The Codec should have 3-5 x FullHD 1080p60 fps inputs to connect to 3-5 cameras directly. The Codec should combine video of 3-5 cameras into a single video stream	Please confirm if the Codec, Camera and Touch Panel should be from Same OEM for better interop, integration and support.	Video conferencing Codec/Mixer with 3 cameras SITC of Video Conferencing Unit for Court Room with minimum 3 x 1080p60fps, 20x optical Zoom PTZ Cameras, Touch Panel. For the seamless integration the VC Codec/Mixer, Cameras and Touch Panel should be from Same OEM, Codec/mixer should support standard H.232 and SIP Protocols, H.264, G.711, G.722 or better, H.239, BFCP for content sharing. The Codec should have 3-5 x FullHD 1080p60 fps inputs to connect to 3-5 cameras directly. The Codec/Mixer should combine video of 3-5 cameras into a single video stream.
9	4 MINIMUM SPECIFICATIONS AND QUANTITY OF HARWDRAE ITEMS		4. Cloud Storage to archive live streaming a/v of minimum 6 months with original and live streamed copy of footage.	As the BOQ Scope does not ask for editing solution of the video to be streamed, hence only Original Video will be stored. Please confirm.	See Section COMPONENTS NEEDED AND SOLUTION OVERVIEW
10	4. MINIMUM SPECIFICATIONS AND QUANTITY OF HARWDRAE ITEMS	1	<b>Cloud Meeting License</b> Cloud Meeting License supporting 1000 participants in a single meeting with participants joining from H.323/SIP VC Endpoints, PC, Laptop, Windows, Mac, Linux, iOS and Android.	<b>For a wider participation and competitive solution from various OEM's. Request you to allow OEM's like Zoom, Cisco WebEx, Vconnect etc. for Cloud Meeting License supporting 1000 participants in a single meeting with participants joining from H.323/SIP VC Endpoints, PC, Laptop, Windows, Mac, Linux, iOS and Android</b>	Tender terms prevails

11	13. MINIMUM SPECIFICATIONS AND QUANTITY OF HARWDRAE ITEMS	Clause 13, UPS	2KVA / 1800 Watts UPS ,30 Min Backup,Genset Compatible , LCD Display,140 – 240 V ,Input Frequency 50 Hz + - 10%,IP Voltage 230 / 240 V AC, Output Voltage 72V (7AH * 6 Nos. battery inside) , Charging Time 4-6 hours ,5 years of electrical including Battery	The asked ratings for UPS 2KVA / 1800 Watts UPS ,30 Min Backup doesn't goes with (7AH * 6 Nos. battery inside) to offer 30 mins backup. The mentioned 7Ah x 6Nos. batteries won't be suitable to provide 30 mins backup, minimum 26Ah x 6Nos OR higher/better. batteries are required for 30 mins backup on 2kVA UPS.  <b>Request you to ammend the specifications</b> and request to consider 26Ah x 6 no <b>OR</b> higher /better to offer 30 mins backup.	Tender terms prevails
12	17. Stipulated Time Schedule	Stipulated Time Schedule	The bidder has to follow the given timelines on award of the contract. Implementation and Go Live of Complete Setup at Uttarakhand High Court (T + 60 Days)	<b>Request you to extend the given timelines</b> for the project - Implementation and Go Live of Complete Setup at Uttarakhand High Court (T + 100 Days)	Tender terms prevails
13	37. Delivery and Implementation SLA	Delivery and Implementation SLA	37.2 Delivery and Implementation as per Scope of work 60 days from the date of issue of work order	<b>Request you to extend the given timelines</b> for the Delivery & Implementation as per Scope of Work 100 days from the date of issue of PO.	Tender terms prevails
14	Section IV: Solution Overview – Live Streaming of Court Proceeding Solution	2. Storage and Access:	Archived data shall be stored in electronic devices in encrypted form with a specific hash (#) value.	The current BOQ Scope does not ask for the functionality as the On-Premise Storage has not been asked. Please confirm if this is for future integration	See Section COMPONENTS NEEDED AND SOLUTION OVERVIEW
15	Section IV: Solution Overview – Live Streaming of Court Proceeding Solution	3. Relay of Proceedings and Recordings:	Personal information such as date of birth of parties, home address, identity card number, bank account information, and the personal information of related parties, such as close relatives, witnesses and other participants, will be deleted or muted during Live streaming. However, such Proceedings will be preserved in the archival data.	The Current BOQ Scope does not include the functionality to allow deletion/muting of specific data. Please confirm if this will be integrated in future.	See Section COMPONENTS NEEDED AND SOLUTION OVERVIEW
16	Section IV: Solution Overview – Live Streaming of Court Proceeding Solution	3. Relay of Proceedings and Recordings:	There shall be a delay of ten minutes in streaming, which may be changed as per the direction of the Court.	The Current BOQ Scope does not include functionality to delay the streaming. Moreover the Streaming platforms such as Youtube, Facebook etc do not support the delay functionality. Please confirm if this has to be integrated in future.	See Section COMPONENTS NEEDED AND SOLUTION OVERVIEW
17	Section IV: Solution Overview – Live Streaming of Court Proceeding Solution	5. Functional requirement/Unit	5.4 All-in-one PC (touch screen) with good quality camera and audio device is proposed for Hon'ble Judges to join in online hearing. For Higher quality executive VC desktops may also be used.	The current BOQ scope asks for a Display for the Hon Judges which will be connected to the VC Codec and will display the Far End Meeting View. Hence please confirm if PC/Desktop is required.	Already explained at sr. No-5.
18	Section IV: Solution Overview – Live Streaming of Court Proceeding Solution	5. Functional requirement/Unit	5.5 The audio and video output from the All-in-One-PC / executive VC Desktop placed on the dais, video output from the cameras and audio output from the microphones are connected to the Audio/Video Mixer or CODEC installed inside the court hall. An all-in-one AV mixer combines the twin functions of audio mixing and video switching in one stand-alone device. This AV mixer typically has enough input ports to connect cameras, mics and secondary sources. For better quality CODEC can also be used.	The Current BOQ scope asked for Vc Codec to which all cameras will get connected and will merge stream of all 3 cameras into 1 stream and sent it to the Virtual meeting. It does not mention requirement of a Video Mixer. Please confirm	See Section COMPONENTS NEEDED AND SOLUTION OVERVIEW

19	Section IV: Solution Overview – Live Streaming of Court Proceeding Solution	3 Implementation Model	1 Maintenance of Audio/Video Files For record purposes and for any future reference the A/V files till 6 months are to be stored either in cloud with two copies of footage i.e. original and live streamed copy. A proper file naming convention is to be in place for easy reference at a later date, the file name of each content may likely referring to the Bench ID, Cause List Date and Type of Cause List and a unique number generated for each file.	As mentioned, the recording has to be retained for 6 Months. Please confirm the total no of hours which need to be stored per court room, which will help us calculate the storage requirement.	See Section COMPONENTS NEEDED AND SOLUTION OVERVIEW
20	Section IV: Solution Overview – Live Streaming of Court Proceeding Solution	1 General	A Dedicated Control Room (DCR) shall be set up by the successful bidder including ICT and Non ICT components as per guidelines mentioned in the Model Rules. The High Court will provide reasonably sufficient room with one electrical point. In the DCR, the following needs to be provided by vendor: a Streaming cum storage server capable of storage of minimum 7 days for video recording of both the courts; two Display units of 55 inches with the specifications as mentioned in the BoQ; video editing software; streaming app;	The current BOQ does not include the streaming and storage server. Please confirm if this is for future integration.	See Section COMPONENTS NEEDED AND SOLUTION OVERVIEW
21	Section IV: Solution Overview – Live Streaming of Court Proceeding Solution	2 General	In the DCR, the following needs to be provided by vendor: a Streaming cum storage server capable of storage of minimum 7 days for video recording of both the courts; two Display units of 55 inches with the specifications as mentioned in the BoQ; video editing software; streaming app; and any other item which may be required for meeting the project objectives with requisite furniture and aquatics settings.	Display units are mentioned in the current BOQ. Requesting details of other furniture, electrical, compute and rack requirements in the DCR. The current BOQ also does not include streaming and storage server, please confirm if this is for a future requirement.	See Section COMPONENTS NEEDED AND SOLUTION OVERVIEW
22	4 MINIMUM SPECIFICATIONS AND QUANTITY OF HARWDRAE ITEMS	2. Video conferencing Codec with 3 cameras	SITC of Video Conferencing Unit for Court Room with minimum 3 x 1080p60fps, 20x optical Zoom Cameras, Touch Panel. VC Codec, Cameras and Touch Panel should be from Same OEM. Codec should support standard H.232 and SIP Protocols, H.264, G.711, G.722 or better, H.239, BFCP for content sharing. The Codec should have 3-5 x FullHD 1080p60 fps inputs to connect to 3-5 cameras directly. The Codec should combine video of 3-5 cameras into a single video stream	Please confirm if the Codec, Camera and Touch Panel should be from Same OEM for better interop, integration and support.	Already explained at sr. No-8.
23	4 MINIMUM SPECIFICATIONS AND QUANTITY OF HARWDRAE ITEMS	4	4.Cloud Storage to archive live streaming a/v of minimum 6 months with original and live streamed copy of footage.	As the BOQ Scope does not ask for editing solution of the video to be streamed, hence only Original Video will be stored. Please confirm.	See Section COMPONENTS NEEDED AND SOLUTION OVERVIEW
24	12 Earnest Money Deposit (EMD)	12.5	12.5 The successful Bidder's EMD will be discharged upon the bidder executing the Contract and furnishing the Performance Bank Guarantee/security deposit @10% of contract value valid till minimum 40 months from date of start of project. No interest will be paid by the High Court of Uttarakhand on the EMD.	We request you to kindly clarify the exact validity of performance security as both clauses are contradictory.	Tender terms prevails

25	32 Bank Guarantee for Contract Performance	32.1	32.1 Within 10 days of the receipt of notification of award from the High Court of Uttarakhand, the successful Bidder shall furnish the performance security in the form of Bank guarantee of nationalized bank valid for a period of contract, which is 3 year, plus 3 additional months as claim period in accordance with the Conditions of Contract, in the Contract Performance Guarantee Bond.		Tender terms prevails
26	9. Comprehensive Annual Maintenance Contract (CAMC) Post Warranty		Complete system will be covered under post warranty Comprehensive AMC as per rates quoted in the price bid for a period of 36 months from T (date of start). The post warranty comprehensive AMC rates quoted in price bid for 3 years shall be included in the evaluation. During the post warranty comprehensive AMC period all software/ services etc. as required to rectify any defect / fault; will be provided by the successful bidder at no extra cost to High Court. Material / hardware /spares as required for such maintenance would also be provided by the bidder.	As per clause we need to provide pricing for AMC also. However, as per Price Bid format (BOQ) there is no line item given for AMC.  So, we request you to clarify the same or provide revised BOQ.	Tender terms prevails

**Sd/-**

Registrar General  
High Court of uttarakhand.