

**ASSAM POWER GENERATION CORPORATION LIMITED**Registered Office: Bijulee Bhawan, 3rd floor, Paltanbazar, Guwahati-781 001, Assam.Email: md.zakir@apgcl.org, Tele-Fax: 0361-2739522.**Md. Zakir, CGM (Gen)****Notice No:** APGCL/CGM(GEN)/2025-26/Video Conference Set Up-HQ/33**Date:** 10/12/2025**NOTICE INVITING TENDER (NIT)**

The Chief General Manager (Gen), APGCL, Bijulee Bhawan, Paltanbazar, Guwahati-1 invites sealed quotations from reputed Suppliers/firms/bidders having valid GST registration for the work of **"Supply, Installation and Commissioning of Video conference set-up at Conference Hall Bijulee Bhawan, APGCL"**.

The specification of the offered Video conference set up shall adhere to the specification as mentioned below in TABLE-A.

TABLE-A

Specification for PTZ camera with 12X zoom			
Sl No.	Parameter	Specifications	Compliance Yes / No
1	Camera Sensor	1/2.8 inches, CMOS, Effective Pixels: 2.07 Megapixels	
2	Video System	1080P60, 1080P50, 1080P30, 1080P25, 720P60, 720P50 (Scanning Mode: Progressive)	
3	Optical Zoom	12x Optical Zoom	
4	Digital Zoom	16x Digital Zoom	
5	Field of View (FOV)	Horizontal FOV: 72.5° ~ 6.9° Vertical FOV: 44.8° ~ 3.9°	
6	Pan Range	±170°	
7	Tilt Range	-30° ~ +90°	
8	Pan Speed	2.7° ~ 35.7° /s	
9	Tilt Speed	2.7° ~ 31.5° /s	
10	Presets	Preset Position: 255 Preset Accuracy: 0.1°	
11	Low Light Sensitivity	Minimum Illumination: 0.5Lux @ (F1.8, AGC ON)	
12	White Balance	Auto, Indoor, Outdoor, One Push, Manual, VAR	
13	Backlight Compensation	Support	
14	Noise Reduction	2D & 3D Digital Noise Reduction	
15	Video Output via USB	USB 3.0 (Backward compatible), Formats: YUY2 (YUV 4:2:2) / H.264 / MJPEG	
16	USB Input	1 x USB 3.0, Type-C	
17	UVC Protocol Support	UVC 1.1~1.5, UVC PTZ Control: Support	
18	Control Interface	1 x RS232, 1 x RS485 (Optional). Protocols: VISCA / Pelco-D / Pelco-P	
19	Audio Input	1 x Line In, 3.5mm Jack	
20	Operating Systems Supported	Windows 7/8/10, MacOS 10.5+, Linux 2.4.6+	
21	Power Input	Input Voltage: DC 12V, Power Consumption: 12W	
22	IR Remote Control	Supported (IR Receiver present on device, standard accessory for Elite series)	
23	Weight	Net Weight: 1.41kg	

Specifications for Hybrid Conference Phone			
Sl No	Parameter	Specification	Compliance Yes/No
1	Device Type	Hybrid Conference Phone	
2	Microphones	4 Bi-Directional Microphones (360° Pickup)	
3	Microphone Pickup Range	Up to 3m (extendable up to 5m)	
4	Extended Coverage	Up to 7.5m or more cable length with 2 external microphones (supplied from Day 1), connected via cables for larger room coverage.	
5	Speaker Output	92 dBA or better	
6	Speaker Gain Control	Maximum: 92dB or better	
7	Noise Reduction	18 dB or better	
8	Audio Technology	DSP-based Echo Cancellation (500ms Echo Tail)	
9	Audio Features	AEC, AGC, ANS, Full Duplex, Non-Linear Processing	
10	Interface Ports	USB, Ext1, Ext2, Power Jack	
11	USB Type	USB 2.0 B Type	
12	User Interface	Keypad with Call Controls (Off Hook, Hang Up, Mute Mic, Mute Speaker, Volume Control)	
13	Frequency Range	100Hz to 22kHz or better	
14	Power Supply	100-240V ~ 50/60Hz 0.4A	
15	Power Consumption	<6W	
16	Operating Temperature	10°C ~ 45°C	
17	Environmental Humidity	0-85% RH	
18	Dimensions (L x W x H)	350 x 350 x 55 mm or better	
19	Certifications	It should have CE, FCC, ROHS & latest CB Certification. CB Test Reports must be submitted.	

SPECIFICATION FOR 1 KVA LINE INTERACTIVE UPS

Sl no	Parameters	Specification	Compliance Yes/No
1	UPS Topology	Line-interactive	
2	Energy Saving Technology	Energy Saving Bypass	
Input			
1	Generator Compatibility	Yes	
2	Nominal Input Voltage (Vac)	230 ± 10%	
3	Input Voltage Range (Vac)	120~300VAC, 1-Ph	
4	Input Frequency (Hz)	50 ± 10, 60 ± 10	
5	Input Frequency Detection	Auto-sensing	
6	Rated Input Current (A)	5.45	
7	Input Connector Type	IN	
Output			
1	Capacity (VA)	1200	
2	Capacity (Watts)	720	
3	On Battery Waveform	Simulated Sine Wave	
4	On Battery Voltage(s) (Vac)	230 ± 10%	
5	On Battery Frequency (Hz)	50 ± 1%, 60 ± 1%	
6	Automatic Voltage Regulation (AVR)	Double Boost, Single Buck	

7	Overload Protection	Circuit Breaker	
8	Outlet(s) - Total	4	
9	Outlet Type	IN x 4	
10	Outlet(s) - Battery Backup	1 hrs	
Surge Protection & Filtering			
1	EMI/RFI Filtration	Yes	
Management & Communications			
1	LED Indicators	Power On, Line Mode,	
2	Audible Alarms	Low Battery, Overload, Short Circuit and Fault Conditions	
Physical			
1	Form Factor	Tower	
Environmental			
1	Operating Temperature (°C)	0 ~ 40	
2	Operating Relative Humidity (Non-condensing) (%)	0 ~ 90	
3	Online Thermal Dissipation (BTU/hr)	52	

Scope of Work of bidder:

Supply, Installation, Testing and Commissioning:

The scope of work of the bidder includes the supply and installation of all items listed in Table B. The successful bidder shall ensure proper installation of all components in accordance with the instructions of the department.

The bidder will be fully responsible for arranging all skilled and unskilled labour, tools, equipment, and any other resources required for execution of the work. Any additional items or activities necessary for the successful installation and commissioning of the Video Conferencing System shall be provided by the bidder at no extra cost to APGCL.

Bidders are advised to thoroughly familiarize themselves with the scope of work. They may visit the APGCL office on any working day prior to bid submission for this purpose.

TABLE-B

Sl. No.	Particulars	Quantity
1	Supply of Reputed Make 12X Optical Zoom Camera as per specifications provided.	01 no.
2	Supply of Reputed Make Microphone along with accessories as per specifications provided.	01 no.
3	Pop up Box along with all accessories.	03 nos.
4	Supply of Reputed make 1KVA UPS as per specifications provided.	01 no.
5	Installation and Commissioning of the above supplied items.	01 job.

The sealed quotations shall be submitted at the Office of **Chief General Manager (Generation), APGCL, Third Floor, Bijulee Bhawan, Paltanbazar, Guwahati-781001 on or before 26.12.2025 up to 17:00 Hrs.** The sealed quotations received shall be opened on, **29.12.2025 at 12:00 Hrs.** at Office of **Chief General Manager (Generation), APGCL.**

The participating suppliers/bidders/firms or their authorized representatives may be present at the time of opening of the sealed quotations.

Note:

- a) The sealed quotations shall be submitted at the tender box in the O/o the Chief General Manager (Gen), APGCL, 3rd Floor, Bijulee Bhawan, Ghy 01 **on or before 26.12.2025 up to 17:00 Hrs.**
- b) The participating bidder **shall superscribe the envelope** with the following information: -
 1. **Quotation Title/Name of Work.**
 2. **Enquiry Quotation Number.**
 3. **Due Date**
 4. **Name and address of the bidder.**

Terms and Conditions:

- a. **L1 Bidder Selection:** The L1 bidder shall be selected based on the lowest total offered price of bidder provided the offered products are found technically acceptable. The price shall be inclusive of GST, P&F, Freight, Transit Insurance etc. The bidder shall fill up the price bid as given in the format below as Annexure-I.
- b. **Price:** The rates should be quoted for **FOR, APGCL Bijulee Bhawan, Guwahati-01** per unit. GST shall be quoted separately for each unit. The rates should be inclusive of all other charges.
- c. **Price Validity:** The prices quoted by the bidders shall be valid up to **30 (thirty) days** from the date of opening of the sealed quotations.
- d. **Work Completion Period:** The work completion period for the entire work of **"Supply, Installation and Commissioning of Video conference set-up at Conference Hall Bijulee Bhawan, APGCL"**. shall be **30 (Thirty) days** from the date of issue of Work Order.
- e. **Place of Delivery:** O/O The CGM(Gen), 3rd Floor, Bijulee Bhawan, Paltan Bazar, Guwahati-781001.
- f. **Warranty Period:** The materials supplied shall be guaranteed for a period of 12 (Twelve) months from the date of successful commissioning and handover or 18 months from the date of supply, whichever is earlier. Free replacement of the material(s) and/or corrective measures for rectification of any faulty materials shall have to be done for any defect/improper functioning that may develop under normal use during the guarantee period. The free replacement and fault rectification should be done within a minimum time period as determined & directed by APGCL. Guarantee Certificate should be furnished by the bidder after completion of the entire work.
- g. **Consignee:**
The CGM(Gen)
3rd Floor, Bijulee Bhawan.
ASSAM POWER GENERATION CORPORATION LTD,
Paltan Bazar, Guwahati-781001
Email: md.zakir@apgcl.org
Contact No.: 9435529238
- h. **Payment Terms:** 100% payment of the total work order value shall be made after successful completion of the entire work of **"Supply, Installation and Commissioning of Video conference set-up at Conference Hall Bijulee Bhawan, APGCL"** and acceptance of the ordered items.
- i. **Payment Authority:**
The CGM(F&A)
3rd Floor, Bijulee Bhawan.
ASSAM POWER GENERATION CORPORATION LIMITED
Paltan Bazar, Guwahati-781001
Note: All bills are to be processed through The General Manager (HQ), APGCL.
- j. **Liquidated Damage:** In case of delay in work completion beyond the work completion period, APGCL shall be entitled to: -
 - Recover an amount at the rate of 1% of the total value of Uncompleted Work per week or part thereof of delay, subjected to maximum of 10% (ten percent) of the Contract Price/Work Order value of Uncompleted Work as Liquidated Damage. However, the

payment of liquidated damage shall not in any way relieve the Contractor from any of its obligation to complete the work or from any other obligation and liabilities of the Contractor under the Contract/as per work order.

- Complete the balance work giving notice to the Contractor and to recover any extra expenditure incurred thereby for having to complete the work at a higher price, at the risk and responsibility of the Contractor.
 - Cancel the Work Order wholly or in part and to execute the work at the full risk and cost of the Contractor.
- k. The rates once quoted shall be firm without any variations until the successful completion of the entire work of supply.
- l. All other terms and conditions shall be as per the "General Conditions for Supply and Erection, 2014" of APGCL. The same may be obtained from APGCL website.
- m. The undersigned is not bound to accept the lowest rates and reserves the right to accept or reject any or all quotations without assigning any reasons thereof.
- n. Quotation submitted not in conformity with the terms and conditions and having cases overwriting etc. will be rejected.
- o. **Mandatory documents to be submitted by the supplier/firm/bidder with their offer (Quotations with non-submission of any document as per the list below is liable to be rejected):**
- i. Firm registration Certificate, Trade License
 - ii. GST certificate
 - iii. PAN card
 - iv. ITR for F.Y. 2024-25
 - v. Bidder shall submit the Authorization/Dealership/Reseller certificate from the OEM of the offered products.
 - vi. The bidder shall submit the product specification mentioning the **make and model** of the offered Optical Zoom camera, Microphone and accessories and UPS which shall contain the technical information regarding the specifications **adhering to those mentioned in the above TABLE-A and confirming the same.**
 - vii. **Signed copy of the APGCL NIT document as a token of acceptance of all terms and conditions of the tender.**
 - viii. **Filled up price bid Annexure-I**


Chief General Manager (Gen),
APGCL

Memo No: APGCL/CGM(GEN)/2025-26/Video Conference Set Up-HQ/33

Date: 10/12/2025

Copy to:

- 1) OSD to The Chairman, APGCL, Bijulee Bhawan, Paltanbazar, Guwahati-1, for favour of kind information of the Chairman.
- 2) OSD to The Managing Director, APGCL, Bijulee Bhawan, Paltanbazar, Guwahati-1, for favour of kind information of the Managing Director.
- 3) The Chief General Manager (F&A), APGCL, Bijulee Bhawan, Paltanbazar, Guwahati-1, for kind information.
- 4) The General Manager (HQ), APGCL, Bijulee Bhawan, Paltanbazar, Guwahati-1, for information.
- 5) The IT Cell, APGCL-For necessary action.
- 6) Notice Board.
- 7) Relevant File.


Chief General Manager (Gen),
APGCL

Annexure-I

Price Bid. (To be filled up in bidder's pad)

Sl. No.	Particulars	Quantity	Basic Rate (INR) (inclusive of P&F, Freight, Transit Insurance, etc.)	Total Basic Rate (INR)	GST Rate as applicable in Percentage	Total GST (INR)	Total Price (INR)
1	Supply of Reputed Make 12X Optical Zoom Camera.	01 no.					
2	Supply of Reputed Make Microphone along with accessories.	01 no.					
3	Pop up Box along with all accessories.	03 nos.					
4	Supply of Reputed make 1KVA UPS	01 no.					
5	Installation and commissioning	01 Job					

Total Price:**Sign and Seal of the bidder.**