



महापत्तन न्यायनिर्णायिक बोर्ड

Adjudicatory Board for Major Ports

पत्तन, पोत परिवहन और जलमार्ग मंत्रालय, भारत सरकार
Ministry of Ports, Shipping and Waterways, Government of India



Dated the 18th May, 2026

Corrigendum/Clarification

GeM Bid No. : GEM/2026/B/7505258

In continuation of the Bid Document published on GeM Portal and Corrigendum/Clarification dated 15.05.2026 issued pursuant to the Pre-Bid Meeting held on 14.05.2026 in respect of GeM Bid No. GEM/2026/B/7505258 for 'SITC AV Video Conferencing digital display solutions enabling virtual court proceedings in ABMP', the following amendments/clarifications are hereby issued for information of all prospective bidders. Response to Pre-Bid Queries is enclosed as **Annexure-I**.

1. UPS/power backup and power conditioning arrangements were inadvertently not included in the BOQ. Accordingly, 5 KVA UPS System of Eaton make, along with all allied accessories and integration required for safe and uninterrupted operation of the proposed AV/VC system, shall form part of the scope of work and financial bid. Bidders are advised to quote accordingly considering complete integration with the proposed system.

2. Table microphones were inadvertently omitted from the BOQ. Accordingly, the following item shall also form part of the scope of work and financial bid:

'Shure - MX412D/C-12-inch desktop gooseneck cardioid condenser microphone with base and mute button, frequency response 50Hz-17kHz, max SPL 124dB, with mute switch and LED indicator - Quantity - seven (07) numbers.

Bidders are advised to quote accordingly considering complete integration with the proposed AV system.

3. The DSP configuration stands revised and shall form part of the scope of work and financial bid as under:

'Biamp TesiraFORTE CI DSP with minimum 12 mic/line level inputs with AEC, 8 mic/line level outputs, Gigabit Ethernet port, configurable USB audio channels, RS-232 serial port, GPIO support, rack mountable configuration, and Ethernet-based system configuration/control.'

The successful bidder shall ensure seamless integration of all microphones and audio peripherals with the proposed AV/VC system.

4. HDMI switching and presentation routing shall form part of the scope of work. Accordingly, bidders shall provide and quote for a suitable 6x4 HDMI Switcher with Audio De-Embedder for seamless integration and routing of multiple video sources/displays within the proposed AV system. The same shall be included in the financial bid and integrated with the proposed setup.

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Corrigendum/Clarification

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5. USB switching/sharing requirement for VC peripherals, camera access and conferencing operation was inadvertently omitted from the BOQ. Accordingly, bidders shall provide and quote for 01 No. USB switching/sharing device (INOGENI TOGGLE USB 3.0 PRO AV Switcher / Logitech Swytch or equivalent) along with all necessary accessories and integration with the proposed AV/VC system. The same shall form part of the scope of work and financial bid.
6. All other terms and conditions of the Bid Document and Corrigendum/Clarification dated 14.05.2026 shall remain unchanged.

sd/-
(Randhir Kumar)
Administrative Officer

RESPONSE TO PRE-BID QUERIES

Queries received from M/s Unicom Infotel Pvt. Ltd., Andheri (East), Mumbai.			
Sr.	Clause / BOQ Reference	Query / Clarification Required	Response from ABMP
1	BOQ – Faceplate Connectivity	Although two table connectivity faceplates are considered in the BOQ, the associated signal and connectivity architecture for the same is not clearly defined. Kindly clarify the intended connectivity scope for both faceplates.	The two table connectivity faceplates are intended to provide HDMI and USB input connectivity from user devices (such as laptops) to the proposed AV/VC system for presentation sharing, conferencing, and peripheral integration. The successful bidder shall ensure complete connectivity, interoperability, and seamless integration with the overall AV setup.
2	BOQ – USB/Camera Access	Camera and audio peripheral access through both faceplates is not clearly mentioned in the BOQ. Additional USB extension/switching or hub arrangement may be required for seamless operation. Kindly clarify the intended implementation scope.	The table connectivity faceplates are intended to support integration of user devices with the AV system, including access to VC camera and audio peripherals. Accordingly, the successful bidder shall provide all necessary USB extension, switching, hub arrangements, signal management accessories, and related components required for seamless functionality and integration. The same shall form part of the bidder's scope and financial bid.
3	BOQ – Audio System	The BOQ includes DSP, amplifier, and speakers; however, microphones are not specifically mentioned. Kindly clarify whether existing microphones are to be reused or whether microphone provisioning is in the client's scope.	Microphones were inadvertently omitted from the BOQ. Accordingly, the following item shall also form part of the scope of work and financial bid : Shure MX412D/C – 12-inch desktop gooseneck cardioid condenser microphone with base and mute button, frequency response 50Hz–17kHz, max SPL 124dB, with mute switch and LED indicator – Quantity - Seven (07) . Bidders are advised to quote accordingly considering complete integration with the proposed AV system.

4	BOQ – HDMI Switching	The HDMI switching and presentation routing architecture required for multiple source integration is not clearly defined in the BOQ. Kindly clarify the switching requirement and operational expectation.	The HDMI switching and presentation routing requirement shall form part of the scope of work. Accordingly, bidders shall provide and quote for a suitable 6x4 HDMI Switcher with Audio De-Embedder for seamless multiple source integration, routing, and display management within the AV system. The same shall be included in the financial bid and integrated with the proposed AV setup.
5	BOQ – USB Switching	The USB switching/sharing architecture required for VC peripherals, camera access, and conferencing operation is not clearly defined in the BOQ. Kindly clarify the intended scope.	The USB switching/sharing requirement for VC peripherals, camera access, and conferencing operation shall form part of the scope of work. Accordingly, bidders shall provide and quote for 01 No. USB switching/sharing device (such as INOGENI TOGGLE USB 3.0 PRO AV Switcher / Logitech Swytch or equivalent) along with all necessary accessories for seamless integration and operation with the AV system. The same shall be included in the financial bid.
6	BOQ – All-in-One Systems	Since the overall connectivity and signal flow architecture is not clearly mentioned, the intended utilization and interconnectivity of the 23.8" and 21.5" All-in-One systems is not fully clear. Kindly clarify the operational requirement and intended usage.	<p>The 23.8" All-in-One Touch Screen systems are intended for use by Board Members for viewing case records, video conferencing participation, and presentation interaction. The 21.5" All-in-One systems are intended for use by the Court Master and Coordinator for managing Webex meetings, scheduling, content sharing, and overall conferencing coordination.</p> <p>The successful bidder shall ensure necessary interconnectivity and seamless integration of the above systems with the proposed AV and VC setup as part of the scope of work.</p>

7	BOQ – Network Infrastructure	Since IP-based PTZ cameras and streaming devices are considered in the BOQ, network switching infrastructure may be required for proper implementation. Kindly clarify whether network switch provisioning is in bidder scope or client scope.	The work is envisaged on complete SITC basis. Accordingly, bidders shall include in their quoted rates all ancillary items/accessories required for successful integration and commissioning of the proposed AV/VC solution, including network switching infrastructure, if required. No separate payment shall be admissible on this account. Relevant BOQ items include CAT6 Cable, Misc. Cables & Consumables (Lumpsum), and Installation, Integration, Testing & Commissioning (SITC).
8	BOQ – Display Solution	Kindly clarify whether there is any specific operational or technical requirement for considering 55" commercial displays in the proposed solution.	The 55" commercial displays have been considered keeping in view the functional requirement of virtual court proceedings, visibility, operational suitability, and intended room environment. Bidders are advised to comply with the minimum specifications prescribed in the bid document.
9	BOQ – Cabling Scope	Cable quantities mentioned in the BOQ appear indicative and may vary based on final routing, actual site conditions, and approved connectivity architecture. Kindly clarify whether variation in cable quantities shall be considered during execution.	Cable quantities indicated in the BOQ are indicative in nature. The bidder shall assess the site conditions and quote accordingly for complete execution of work on turnkey/SITC basis. No additional payment due to variation in cable quantity shall be admissible.
10	BOQ – Rack Requirement	In case additional HDMI/USB switching or interface devices are required during implementation, the proposed rack sizing may require revision accordingly. Kindly confirm whether such variation will be acceptable during execution.	The bidder shall assess and provision all required accessories/interfaces/switching devices necessary for successful integration and commissioning of the system. Suitable rack sizing and integration arrangement shall accordingly be considered by the bidder within the quoted rates.
11	BOQ – OEM/Make Compliance	Kindly clarify whether equivalent makes/models with equal or higher specifications are acceptable against the specified OEM/models mentioned in the BOQ.	Equivalent makes/models meeting or exceeding the prescribed technical specifications may be considered, subject to compliance with bid specifications and approval by the competent authority.
12	BOQ – VC Platform Licensing	Kindly confirm whether VC platform licensing/subscription (Webex/MS Teams/Zoom or equivalent) is in bidder scope or client scope.	VC platform licensing/subscription (Webex/MS Teams/Zoom or equivalent) is in ABMP scope.

13	BOQ – LAN & Internet Connectivity	Kindly clarify whether existing LAN infrastructure and internet connectivity required for VC/live streaming applications shall be provided by the client.	Existing LAN infrastructure and internet connectivity, wherever available at site, shall be provided by the ABMP.
14	BOQ – Existing System Integration	Kindly confirm whether integration with any existing AV/VC infrastructure is required as part of the project scope.	No integration with any existing AV/VC infrastructure is presently envisaged.
15	BOQ – Control & Automation	Kindly clarify whether centralized AV room control, automation, and touch-based room operation functionality are part of the intended requirement.	Automation/Control System functionality is envisaged as part of the project scope for centralized operation and control of the proposed AV/VC setup. However, no separate control processor, touch panel, or automation hardware/equipment is included in the present BOQ. Necessary automation/control equipment, wherever required, shall be provided by ABMP. The successful bidder shall ensure configuration, programming, integration, and seamless interfacing of the AV system with the automation/control infrastructure provided by ABMP, without any additional cost implication.
16	BOQ – Recording & Storage	Kindly clarify whether any additional recording storage retention or NAS backup requirement is expected beyond the recorder's internal storage capacity.	No separate NAS backup or additional storage retention requirement beyond the recorder's supplied/internal storage capacity is presently envisaged.
17	BOQ – Power Backup	Kindly confirm whether UPS/power backup and power conditioning for AV/VC equipment are in bidder scope or client scope.	UPS/power backup and power conditioning arrangements were inadvertently not included in the BOQ. Accordingly, 5 KVA UPS System of Eaton make, along with all allied accessories and integration required for safe and uninterrupted operation of the proposed AV/VC system, shall form part of the scope of work and financial bid. Bidders are advised to quote accordingly considering complete integration with the proposed system.

18	BOQ – Civil & Finishing Work	Kindly clarify whether civil works, conduit, casing-capping, drilling, patchwork, and finishing activities are in bidder scope or client scope.	Minor civil works, conduit, casing-capping, drilling, patchwork, finishing, and related installation activities necessary for complete execution and commissioning shall be in bidder's scope under SITC basis.
19	BOQ – Site Readiness	Kindly confirm whether all required electrical points, LAN points, and mounting locations shall be made ready by the client before commencement of installation activities.	Necessary electrical points, LAN points, and suitable mounting locations shall be provided by the ABMP. However, any minor augmentation/accessories, including Network PoE Switches, connectors, mounting brackets, cables, or other ancillary items required for successful installation, commissioning, and seamless functioning of the system shall be arranged by the bidder within the quoted rates and scope of work, without any additional financial implication to the ABMP.
20	BOQ – Warranty & Support	Kindly clarify the expected warranty/support period for all supplied hardware, software, and integrated systems.	Warranty/support obligations shall be governed as per OEM standard warranty and bid conditions applicable to supplied hardware/software/integrated systems.
21	BOQ – User Training	Kindly confirm whether end-user training and operational handover documentation are expected as part of the project deliverables.	End user training, operational handover, SOP preparation, and related documentation form part of the project deliverables as reflected in the BOQ.
22	BOQ – Documentation	Kindly clarify whether schematic drawings, signal flow diagrams, rack layouts, IP addressing details, and as-built documentation are required to be submitted post commissioning.	Submission of schematic drawings, signal flow diagrams, rack layouts, IP addressing details, and as-built documentation is not specifically provided in the BOQ/bid document. However, the successful bidder shall furnish reasonable technical/operational documentation, wherever required, for effective installation, integration, operation, and handover of the system.
23	BOQ – Live Streaming Requirement	Kindly clarify the intended live streaming platform/application requirement and whether integration with any external streaming platform is expected.	The intended solution is for enabling virtual court proceedings. Live streaming/external streaming is not envisaged.

24	BOQ – Acceptance Testing	Kindly clarify the User Acceptance Testing (UAT) methodology and technical acceptance parameters expected for project sign-off.	User Acceptance Testing (UAT) and final acceptance/sign-off shall be based on successful installation, integration, functionality, operational performance, and demonstration of all required features to the satisfaction of the purchaser.
25	BOQ – Execution Timeline	Kindly confirm whether the delivery and installation timeline shall be considered from date of PO issuance or from date of site readiness/handover.	Delivery and installation timeline shall be reckoned from the date of issuance of Purchase Order/work order and availability of site for execution.
26	BOQ – Delivery & Execution Timeline	Considering the procurement lead time of specialized AV/VC equipment, OEM coordination, integration activities, programming, testing, and commissioning requirements, the current delivery timeline may be challenging for successful end-to-end execution. We request the department to kindly consider extending the overall delivery and implementation timeline to 45–60 days for smooth and quality project execution.	The delivery and implementation timeline stipulated in the bid document is 30 days from the date of issuance of Purchase Order/work order. No change is envisaged.

Queries received from M/s Unified Collaboration Services LLP, Vashi, Navi Mumbai.			
Sr.	Clause / BOQ Reference	Query / Clarification Required	Response from ABMP
1		Table microphones are not included in the BOQ/scope, although they appear essential for effective audio pickup during court proceedings.	Table microphones were inadvertently omitted from the BOQ. Accordingly, the following item shall also form part of the scope of work and financial bid: Shure MX412D/C – 12-inch desktop gooseneck cardioid condenser microphone with base and mute button, frequency response 50Hz–17kHz, max SPL 124dB, with mute switch and LED indicator – Qty. 7. Bidders are advised to quote accordingly considering complete integration with the proposed AV system.

2		<p>The specified DSP has only 2 analogue inputs. In the absence of table microphones, kindly clarify the proposed audio input architecture. If table microphones are required, please confirm how they are intended to be integrated with the mentioned DSP configuration.</p>	<p>The DSP configuration stands revised as under and shall form part of the scope of work and financial bid: Biamp TesiraFORTE CI DSP with minimum 12 mic/line level inputs with AEC, 8 mic/line level outputs, Gigabit Ethernet port, configurable USB audio channels, RS-232 serial port, GPIO support, rack mountable configuration, and Ethernet-based system configuration/control. The successful bidder shall ensure seamless integration of all microphones and audio peripherals with the proposed AV/VC system.</p>
3		<p>HDMI Switching System has not been mentioned in the BOQ/scope. Kindly clarify the switching methodology proposed for multiple video sources and displays.</p>	<p>HDMI switching and presentation routing shall form part of the scope of work. Accordingly, bidders shall provide and quote for a suitable 6x4 HDMI Switcher with Audio De-Embedder for seamless integration and routing of multiple video sources/displays within the proposed AV system. The same shall be included in the financial bid and integrated with the proposed setup.</p>
4		<p>Automation/Control System is not included in the BOQ. Please clarify whether any centralized AV control and automation system is envisaged as part of the project scope.</p>	<p>Automation/Control System functionality is envisaged as part of the project scope for centralized operation and control of the proposed AV/VC setup. However, no separate control processor, touch panel, or automation hardware/equipment is included in the present BOQ. Necessary automation/control equipment, wherever required, shall be provided by ABMP. The successful bidder shall ensure configuration, programming, integration, and seamless interfacing of the AV system with the automation/control infrastructure provided by ABMP, without any additional cost implication.</p>

sd/-
(Randhir Kumar)
Administrative Officer



महापत्तन न्यायनिर्णायिक बोर्ड

Adjudicatory Board for Major Ports

पत्तन, पोत परिवहन और जलमार्ग मंत्रालय, भारत सरकार
Ministry of Ports, Shipping and Waterways, Government of India



File No. : D-19015/3/2026-ADMIN [380989]

Date : 05.05.2026

Bid Document

Subject : Supply, Installation, Integration, Testing and Commissioning (SITC) of integrated Audio-Visual (AV) systems, Video Conferencing (VC) systems, digital display solutions and live streaming infrastructure for enabling hybrid/virtual court proceedings.

1. The Adjudicatory Board for Major Ports, Mumbai, invites **online bids** through the Government e-Marketplace (GeM) Portal from eligible, experienced, and technically qualified bidders for the selection of a System Integrator for the **Supply, Installation, Integration, Testing and Commissioning (SITC) of integrated Audio-Visual (AV) systems, Video Conferencing (VC) systems, digital display solutions, and live streaming infrastructure for enabling hybrid/virtual court proceedings**, in **Adjudicatory Board for Major Ports (ABMP)**, 4th Floor, Bhandar Bhavan, M.P. Road, Mazgaon, Mumbai-400010. The work includes end-to-end design, supply, deployment, integration, testing, commissioning, training, and support services to ensure seamless functioning of the complete system.

2. The crucial dates are as under –

No.	Particulars	Dates
1.	Date of Publication of Bid	05 th May, 2026
2.	Last date of submission of queries (if any)	12 th May, 2026
3.	Pre-bid meeting	14 th May, 2026 at 3:00 PM
4.	Uploading of Clarifications/Responses to Queries (if any)	18 th May, 2026
5.	Bid closing Date & Time (Last Date for Submission of Bids)	28 th May, 2026 at 3:00 PM
6.	Date & time for opening of Technical Bid	28 th May, 2026 at 3:30 PM
7.	Opening of Financial Bid	As per GeM Portal Schedule

3. Bids shall be submitted **online through the GeM Portal**. Submission of bids by any other mode, including manual submission, shall **not be accepted under any circumstances** and such bids shall be summarily rejected.

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4th Floor, Bhandar Bhavan, M.P. Road, Mazgaon, Mumbai-400010.

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4. The **ABMP, Mumbai** reserves the right to accept or reject any bid, either in full or in part, without assigning any reason whatsoever. The Competent Authority may also seek **clarifications, additional documents, or information** from any bidder, as deemed necessary, during the evaluation process.

5. Detailed bid documents are available on the GeM Portal and on the official website of **ABMP, Mumbai**. Any addendum/corrigendum /modifications to the bid shall be hosted only on the above mentioned platforms. Prospective bidders are advised to regularly visit these websites to stay updated. **No separate communication or public notice shall be issued by the Board in this regard.**

6. All prospective bidders **shall mandatorily undertake a physical inspection of the site** to fully acquaint themselves with the **scope of work (Annexure-I), existing infrastructure, site conditions, access constraints, utilities, and operational environment** prior to submission of the bid. The site visit shall be conducted **during working hours between 10:00 AM to 4:00 PM on all working days (Monday to Friday)**. A **duly signed Site Visit Certificate (Annexure-II), in the format prescribed by this office**, shall be submitted along with the bid as part of the **Mandatory Qualification Criteria**. **Non-submission of the prescribed certificate shall render the bid non-responsive and liable for rejection without further consideration.**

7. **Pre Bid Meeting** – A Pre-Bid Meeting shall be conducted as per the schedule indicated on the GeM Portal to provide an opportunity to prospective bidders to seek clarifications regarding the scope of work, technical specifications, site conditions, and other provisions of the bid. Bidders are required to submit their queries through the GeM Portal and may also forward the same via email at **abmp@abmp.gov.in**, so as to reach this office on or before **12.05.2026**. Queries received after the stipulated date shall not be entertained.

8. The bidder shall present a live demonstration of the proposed solution for the Supply, Installation, Integration, Testing and Commissioning (SITC) of integrated Audio-Visual (AV) systems, Video Conferencing (VC) systems, digital display solutions, and live streaming infrastructure for enabling hybrid/virtual court proceedings at the designated venue during the Pre-Bid Meeting, as per the schedule indicated in the bid document, non-compliance may lead to rejection of the bid at the technical evaluation stage.

9. **Earnest Money Deposit (EMD)** : Each bidder shall deposit **₹1,00,000/-** (Rupees One Lakh Only) through Electronic Funds Transfer (NEFT/RTGS), or Demand Draft (DD) in the following account details of ABMP and receipt / proof of payment must be uploaded along with the technical bid –

Account Number : **001401000008048**

Name of Account : **Adjudicatory Board for Major Ports**

Name of Bank and Branch : **Indian Overseas Bank, Fort Branch.**

IFSC Code- **IOBA0000014.**

- a) Non submission of EMD along with Bid shall lead to rejection of the Bid.
- b) Bidders registered as MSMEs and eligible for exemption as per GeM terms and conditions shall be exempted from payment of EMD, subject to submission of a valid certificate.
- c) The EMD of unsuccessful bidders shall be refunded without interest after the work order is placed to the successful bidder.

10. **Performance Security Deposit :**

- a) The successful bidder shall deposit a Performance Security Deposit of **5%** of total contract value through Electronic Funds Transfer (NEFT/RTGS), Bank Guarantee, or Demand Draft (DD) in the above account details, within 10 days from the date of receipt of intimation. After submission of the performance security by the successful bidder, the corresponding EMD shall be released.
- b) In case the successful bidder fails to deposit the total amount of the Performance Security Deposit within stipulated period the EMD amount deposited by the firm, will be liable to be forfeited.
- c) The Performance Security Deposit shall be retained and released after a period of six (6) months from the date of issuance of the Final Acceptance Certificate, subject to satisfactory system performance and fulfillment of all contractual obligations during the defect liability period.

11. **Technical Bid :**

- a) The detailed technical specification and scope of work are provided in the bid document. Bidders are advised to carefully examine the same and submit their Technical Bid in the proforma given in the bid document along with the supporting documents.
- b) The Technical bid should be submitted in .pdf format only through online GeM portal. Manual/physical submission of bids shall not be accepted.
- c) All pages of the technical bid, including supporting documents, shall be duly signed and stamped by the authorized signatory of the bidder before conversion into PDF and upload on the GeM Portal.
- d) The Technical Bid shall contain complete technical details, compliance statements, and all other information as required under the terms and conditions of the bid document. Incomplete bids or bids lacking required details/documents are liable to be rejected.

12. **Financial Bid :** The Financial Bid (BOQ) shall be submitted strictly in the prescribed format and uploaded online through the GeM Portal only. Submission of the Financial Bid in any other form, including manual submission, shall not be accepted.

13. The prices quoted by the bidder shall be firm and remain valid for the entire contract period and inclusive of the entire scope of work. The quoted prices shall be all inclusive, including GST and all applicable statutory taxes, duties, levies, and charges. Conditional bids shall be summarily rejected. No escalation or additional claims shall be entertained.

14. The bidder must have, during the last three (03) financial years ending on 31st March 2026, successfully executed similar Purchase Orders (POs) / Work Orders with Central Government / State Government Departments / Public Sector Undertakings (PSUs) / Autonomous Bodies, having a cumulative value of not less than ₹30,00,000 (Rupees Thirty Lakhs only), and shall also have an average annual turnover of at least ₹60,00,000 (Rupees Sixty Lakhs only) during the same period.

15. The bidder shall submit documentary evidence in support of the above, including copies of relevant Purchase Orders / Work Orders along with corresponding Completion Certificates or Performance Certificates clearly indicating scope, value, and successful completion of work, in case of ongoing works, proportionate completion certified by the client may be considered, subject to compliance with bid requirements. Additionally, audited financial statements (Balance Sheet and Profit & Loss Account) for the relevant financial years, duly certified by a Chartered Accountant, shall be submitted, in case audited statements for the latest financial year are not available, a Chartered Accountant's certificate indicating the turnover shall be acceptable.

16. The bidder must have successfully executed or completed **at least one similar work** during the last three years in **Government Departments, Public Sector Undertakings (PSUs), Nationalised Banks, or reputed organizations**.

17. The bidder shall submit valid Manufacturer's Authorization Form(s) (MAF) / OEM Authorization Certificate(s) (**Annexure-III**) issued by the respective Original Equipment Manufacturer(s) (OEMs) for all major components of the proposed solution, including but not limited to Large Format Display, PTZ Camera, Microphone, Controller, Amplifier, Speaker, and DSP.

18. Authorization from authorized distributors may be accepted only if duly supported by back-to-back authorization from the OEM. Bids submitted without valid OEM authorization, wherever applicable, shall be liable for rejection.

19. The bidder shall possess a valid ISO 9001:2015 Quality Management System (QMS) certification issued by a certification body accredited by the International Accreditation Forum (IAF) or a member of the IAF Multilateral Recognition Arrangement (MLA). The certificate shall be valid as on the bid submission date and should cover the scope of activities relevant to the subject work. The bidder shall upload a self-attested copy of the valid certificate on the GeM Portal along with the bid. The Purchaser reserves the right to verify the authenticity of the certificate from the issuing certification body, and any discrepancy or submission of an invalid/expired certificate shall render the bid liable for rejection.

20. **Uploading of the documents** specified below is mandatory for qualification in the Technical Evaluation, and non-submission of any required document shall lead to summary rejection of the bid without further consideration. All documents must be duly signed and stamped and uploaded in PDF format only on the GeM portal. Physical/manual submission shall not be accepted. **Bidders shall submit a single indexed file containing the complete checklist of documents for ease of evaluation**, with each document clearly marked against the respective eligibility criteria.

- a) Scanned copy of Permanent Account Number (PAN) Card.
- b) Scanned copy of GST Registration Certificate.
- c) Bid Acceptance Letter as per the prescribed format enclosed with the bid document.
- d) Scanned copy of Shop and Establishment Registration Certificate, along with proof of office presence in Mumbai (rent agreement/utility bill, etc.).
- e) Signed and stamped copy of the complete bid document as token of acceptance of all terms and conditions.
- f) Scanned copies of Work Orders/Purchase Orders and corresponding Completion/Performance Certificates for similar SITC projects, including proof of ongoing works (if applicable), demonstrating at least one completed similar work with a cumulative experience value of not less than Rs.30 lakh.
- g) Turnover Certificate indicating a minimum average annual turnover of Rs.60.00 lakh for the last three financial years, duly certified by a Chartered Accountant.
- h) Valid Manufacturer Authorization Forms (MAF) from OEM(s) for all major components, clearly referencing the GeM Bid Number and confirming supply, installation, warranty, and support; in case of authorization through a distributor, back-to-back OEM authorization shall also be submitted.
- i) Valid ISO 9001:2015 certification issued by an IAF-accredited certification body with relevant scope.
- j) Proof of EMD payment of Rs.1,00,000 through NEFT/RTGS/Demand Draft, or a valid MSME exemption certificate, as applicable.
- k) Mandatory Site Visit Certificate and proof of compliance with the required live demonstration during the Pre-Bid Meeting.
- l) CVs/qualification proofs of proposed technical staff along with an undertaking for deployment of adequate technical manpower for execution of the work.
- m) Duly filled Financial Bid (BoQ) in the prescribed format on the GeM portal, with prices quoted on an all-inclusive basis (including GST, duties, levies, transportation, installation, etc.) and kept firm and fixed for the entire contract period.

21. The successful bidder shall provide on-site technical manpower support for a period of six (06) months from the date of successful commissioning. During this period, at least one (01) qualified technical resource shall be deployed on-site for a minimum of five (05) working days per month to ensure smooth, reliable, and uninterrupted functioning of the system, including operation assistance, troubleshooting, minor maintenance, and user support. The cost of such support shall be deemed to be included in the contract price, and no separate payment shall be admissible. Absence or non-deployment of the required manpower shall be treated as a deficiency in service and may attract appropriate action as per GeM contract provisions.

22. The deployed technical personnel shall be suitably qualified, preferably holding a Diploma / Degree in Electronics / IT / Audio-Visual Systems or equivalent, with a minimum of two (02) years of relevant experience in handling, operation, and basic troubleshooting of AV and Video Conferencing systems. The personnel shall be well-versed with system integration, diagnostics, and user support.

23. The successful bidder shall complete the entire scope of work within the stipulated timeline from the date of issuance of the GeM Contract/Work Order. Time shall be treated as the essence of the contract, and the bidder shall strictly adhere to the approved implementation schedule. In the event of delay attributable to the bidder in completion of the work or any part thereof, Liquidated Damages (LD) shall be levied in accordance with GeM General Terms and Conditions, at the rate of **0.5% of the contract value per week or part thereof**, subject to a maximum of **10% of the total contract value**.

24. The imposition of LD shall be without prejudice to other rights and remedies available to the Purchaser under the contract. In case of continued delay, non-performance, or failure to meet contractual obligations, the Purchaser reserves the right to cancel or terminate the contract, either wholly or partially, and may proceed with alternative arrangements at the risk and cost of the bidder, including forfeiture of Performance Security, as per GeM provisions.

25. The Purchaser shall evaluate and compare only those bids which are **substantially responsive**, i.e., bids that are properly prepared, signed, and conform to all the required terms and conditions, specifications, and eligibility criteria of the bid document. Technical Bids shall be opened on the **specified date and time**, and only those bidders whose Technical Bids are found **technically compliant** upon evaluation shall be considered for opening of their Financial Bids. The contract shall be awarded to the bidder whose offer is determined to be the **Lowest Responsive Evaluated Bid (L1)**, subject to fulfillment of all conditions of the bid.

26. **Payment Terms:** No advance payment shall be made. Payment shall be released only after satisfactory completion of work and certification by the Purchaser/Authorized Committee, as per the following:

(i) 80% of the Contract Value:

Upon successful Supply, Installation, Integration, Testing, and Commissioning (SITC) of the complete system at site, along with submission of all required documents, including installation reports, test/inspection certificates, system configuration details, and as-built documentation, duly verified and certified by the Authorized Committee.

(ii) 20% of the Contract Value:

Upon successful completion of User Acceptance Testing (UAT), including demonstration of all functionalities of Audio-Visual (AV) systems, Video Conferencing (VC) systems, digital display solutions, and live streaming infrastructure, and issuance of the Final Acceptance Certificate (FAC) by the Purchaser.

27. **General Terms and Conditions :**

a) Bidders shall submit their offers strictly through the GeM Portal in accordance with the terms, conditions, scope of work, and technical specifications contained in the Bid Document. Conditional bids, deviations, or qualifications to the bid conditions shall not be accepted and are liable for rejection. Failure to comply with any of the instructions contained in this Bid Document, or submission of unsatisfactory explanations for any such non-compliance, shall also render the bid liable for rejection. Only those bidders who unconditionally accept all terms and conditions of the bid shall be considered for evaluation.

- b) In the event of breach of any contractual terms and conditions, the Purchaser shall have the right to cancel/terminate the Contract or Work Order, either wholly or partially, in accordance with GeM provisions. In such cases, the Performance Security and/or EMD, as applicable, shall be liable for forfeiture, without prejudice to any other remedies available under law or contract. The Purchaser may, however, relax specific conditions in public interest or to address genuine operational requirements, with due justification.
- c) The bidder shall deploy adequate, qualified, and experienced manpower at its own cost for execution of the work. The personnel deployed shall remain under the administrative and disciplinary control of the bidder at all times. The Purchaser shall have no liability whatsoever towards wages, statutory dues, insurance, or any employer-employee relationship. The bidder shall ensure proper conduct, discipline, and adherence to security and office protocols by its personnel.
- d) The bidder shall arrange and deploy all necessary infrastructure, equipment, tools, licensed software, and other resources required for successful execution of the work. All such equipment shall conform to applicable standards and shall be subject to inspection/approval by the Purchaser. Any facilities such as space or utilities provided by the Purchaser shall be used strictly for official purposes and in compliance with applicable guidelines.
- e) The bidder shall ensure continuous, efficient, and uninterrupted execution of the work throughout the contract period. Preventive and corrective maintenance of all deployed systems shall be the responsibility of the bidder. In case of any failure or breakdown, the bidder shall make immediate alternate arrangements to avoid disruption of services, without any additional cost to the Purchaser.
- f) The bidder shall provide necessary training, documentation, and handholding support to the designated personnel of the Purchaser for effective operation, management, and utilization of the systems installed under the contract.
- g) The bidder shall be solely responsible for the safety, security, and integrity of all documents, data, and records handled during the execution of the contract. Any loss, damage, tampering, or discrepancy attributable to the bidder shall be made good by the bidder at its own cost, and the bidder shall be liable for appropriate action as per contract terms.
- h) Payments shall be made strictly in accordance with the Payment Terms specified in the bid document and as per GeM guidelines, subject to satisfactory performance and certification by the competent authority. Payments may be withheld, in part or full, in case of deficiency in services or non-compliance with contractual obligations.
- i) The bidder shall be responsible for compliance with all applicable statutory provisions, including payment of taxes, duties, levies, labour laws, and other regulatory requirements. All invoices shall be raised in accordance with GeM contract conditions and shall clearly indicate relevant GeM Contract/Order details along with supporting documents.

j) The contract shall be non-transferable. The bidder shall not assign, transfer, or subcontract the work, either wholly or partially, without prior written approval of the Purchaser. Any violation shall constitute a material breach of contract and may result in termination and forfeiture of security deposits.

k) All disputes arising out of or in connection with the contract shall be subject to the jurisdiction at Mumbai. Efforts shall, however, be made to resolve disputes amicably in line with applicable dispute resolution provisions under GeM.

l) These terms and conditions shall be read in conjunction with other provisions of the bid document and GeM General Terms and Conditions. In case of any inconsistency, the provisions of GeM shall prevail to the extent applicable.

Site Visit Certificate

This is to certify that M/s _____ (Bidder Name), through its duly authorized representative, has carried out a detailed inspection of the project site at ABMP, Mumbai, in connection with the proposed work for Supply, Installation, Integration, Testing and Commissioning (SITC) of the specified systems.

2. The bidder confirms that it has fully examined and understood the site conditions, existing infrastructure, accessibility, local constraints, installation requirements, and all other factors that may affect execution of the work. The bidder further acknowledges that all such factors have been duly considered while preparing and submitting the bid.

3. It is hereby expressly agreed that no claim, whatsoever, shall be entertained at any stage on account of ignorance of site conditions, inadequacy of information, or any misunderstanding in respect of scope, logistics, or execution requirements. All costs, risks, and responsibilities arising out of site conditions shall be deemed to be included in the quoted price.

Name of Authorized Representative: _____

Designation: _____

Signature: _____

Date of Visit: _____

Certified by ABMP Official

OEM AUTHORIZATION CERTIFICATE (MAF)

(on letter head)

To
The Director,
Adjudicatory Board for Major Ports,
4th Floor, Bhandar Bhavan,
M.P. Road, Mazgaon,
Mumbai – 400010

Subject: Manufacturer Authorization for GeM Bid No. _____

Madam,

We, M/s _____ (OEM Name), having our registered office at _____, do hereby authorize M/s _____ (Bidder Name) to quote, supply, install, integrate, test, commission, and provide comprehensive warranty and after sales support for our products against the above-mentioned GeM Bid.

2. We hereby confirm and undertake the following:
 - a) The products offered are genuine, new, and meet all technical specifications as stipulated in the bid document.
 - b) We fully support the bidder in execution of the project, including supply, installation, integration, testing, and commissioning (SITC).
 - c) Comprehensive OEM warranty, technical support, firmware/software updates, and availability of spare parts shall be ensured for the entire warranty/contract period.
 - d) We shall provide back-to-back technical and service support to the bidder and the end user for satisfactory performance of the system.
 - e) The authorization is specific to this GeM Bid and shall remain valid for the entire duration of the contract, including warranty/AMC period, as applicable.
 - f) In case of any failure of the bidder to perform contractual obligations, we shall extend necessary support to ensure continuity of services, as per GeM terms and conditions.
 - g) This authorization is issued without any reservation and is binding on us.

Authorized Signatory (OEM)

Name: _____

Designation: _____

Signature: _____

Seal: _____

Date: _____

BID ACCEPTANCE LETTER

(Should be furnished by all the bidders on company letter head)

To
The Director
Adjudicatory Board for Major Ports
Ministry of Ports, Shipping and Waterways
Government of India, 4th Floor, Bhandar Bhavan,
Mujawar Pakhadi Road, Mazgaon, Mumbai – 400010.

Subject : Acceptance of Terms and Conditions of Bid.
GeM Bid No. : _____

Dear Madam,

1. I/We hereby certify that I/We have carefully read and understood the entire bid document, including all annexures, schedules, and corrigenda issued from time to time, and agree to abide by all terms, conditions, and provisions contained therein.
2. I/We unconditionally accept all the terms and conditions of the bid document and corrigenda in their entirety.
3. I/We declare that our firm has not been blacklisted or debarred by any Government Department, Autonomous Body, or Public Sector Undertaking.
4. I/We confirm that the quoted prices are all-inclusive (including packing, forwarding, freight, insurance, taxes, duties, etc.), are in Indian Rupees, and shall remain firm and fixed for the entire duration of the contract.
5. I/We certify that all information furnished in the bid is true and correct. In case any information is found to be false, incorrect, or misleading, the Purchaser shall have the right to reject the bid or terminate the contract without notice, including forfeiture of EMD/Performance Security.
6. I/We undertake that if we withdraw or modify the bid during its validity period, or fail to sign the contract or submit Performance Security within the stipulated time after award, we shall be liable for suspension/debarment for a period of two (2) years, as per GeM provisions.
7. I/We confirm that the minimum average annual turnover criteria, as specified in the bid document, has been complied with, and relevant supporting documents have been submitted. In case of MSME exemption, valid documentary proof has been provided.
8. I/We hereby declare that there is no conflict of interest in participating in the present bid, and I/We have not engaged in any anti-competitive practices or collusion with other bidders.
9. I/We shall comply with all applicable laws, rules, regulations, labour laws, taxation laws, and statutory requirements during the execution of the contract.
10. I/We accept that the Purchaser reserves the right to accept or reject any or all bids, cancel the bidding process, or annul the award without assigning any reason, as per GeM provisions.

11. I/We undertake to submit Performance Security within the stipulated time as per GeM terms, failing which applicable action may be taken.

12. I/We confirm that the offered products/services shall be supported by OEM-backed warranty and after sales support as per bid requirements.

Yours faithfully

(Signature of the bidder, with official seal)

Dated :

Place :

Annexure – V

Supply, Installation, Integration, Testing and Commissioning (SITC) of integrated Audio-Visual (AV) systems, Video Conferencing (VC) systems, digital display solutions, and necessary infrastructure for enabling hybrid/virtual court proceedings.

FINANCIAL BID (BoQ)

*(All prices to be quoted **inclusive of GST, duties, freight, installation, commissioning, and all incidental costs** as per bid conditions)*

A. SUPPLY ITEMS - HARDWARE COMPONENTS AS PER DETAILED SPECS, DESCRIPTION AND IMAGES GIVEN IN ANNEXURE-I SCOPE OF WORK OF THIS BID DOCUMENTS

Sr. No.	Item Description	Make/Model	Qty	Unit Rate (₹.)	Total Amount (₹.)
1	55" Commercial Display	Samsung 55QEF1AU	3		
2	Wall Mount Bracket	Lumi	2		
3	Floor Mount Stand	Lumi	1		
4	All-in-One Desktop (23.8")	HP EliteOne 840 G9	3		
5	Monitor Mount Stand	Lumi/Equivalent	3		
6	All-in-One Desktop (21.5")	HP 22-dg0786in	2		
7	PTZ Camera	Lumens VC-R31	2		
8	Ceiling Mount Kit	Lumi/Equivalent	2		
9	Multi-viewer AI Box	Lumens AI-Box1 CamConnect	1		
10	VC Recorder	Lumens LC-100N	1		
11	Audio DSP	BIAMP Tesira Forte X1600	1		
12	Power Amplifier	JBL Libra 300	1		
13	Wall Speakers	JBL Control 25-1	4		

B. CABLING & INFRASTRUCTURE AS PER DETAILED SPECS, DESCRIPTION AND IMAGES GIVEN IN ANNEXURE-I SCOPE OF WORK OF THIS BID DOCUMENTS

Sr. No.	Item Description	Qty	Unit Rate (₹.)	Total Amount (₹.)
14	Metal Faceplate HDMI + USB	2		
15	HDMI Cable (1.8m)	6		
16	USB Cable (50m)	1		
17	15U AV Rack	1		
18	CAT6 Cable (305m)	1		
19	HDMI Extender (TX+RX)	4		
20	Misc. Cables & Consumables (Lumpsum)	1		

C. SERVICES & IMPLEMENTATION

Sr. No.	Description	Qty	Unit Rate (₹.)	Total Amount (₹.)
21	Installation, Integration, Testing & Commissioning (SITC)	1		
22	DSP Programming & Configuration	1		
23	Documentation, Training & SOP Preparation	1		

D. MANPOWER SUPPORT (AS PER BID CONDITION)

Sr. No.	Description	Duration	Rate (₹.)	Total Amount(₹.)
24	On-site Technical Support (5 days/month for 6 months)	6 Months		

Summary (A+B+C+D)




Grand Total (Inclusive of GST)				
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Clarification Clause for Financial Bid (GeM BoQ) –




1. The bidder is advised to carefully refer to the detailed **Scope of Work (Annexure-I)**, technical specifications, site conditions, and all provisions of the bid document before quoting the Financial Bid.
2. The quoted prices shall be **comprehensive and all-inclusive**, covering the complete scope of Supply, Installation, Integration, Testing, Commissioning (SITC), configuration, training, documentation, and support services required for successful execution of the project.
3. No separate payment shall be made for any item, activity, component, or service that is **implicitly or explicitly required** for achieving full system functionality, even if not individually specified in the BoQ but covered under the scope of work.
4. In case of any ambiguity or requirement of clarification, the bidder shall rely on the Scope of Work and bid conditions for interpretation and shall quote accordingly. Any omission or under-quotation shall not entitle the bidder to claim additional cost at a later stage.
5. The bidder shall also ensure that all costs towards, cabling and interconnections (including variation up to $\pm 20\%$), mounting, accessories, consumables, system integration with existing platforms (e.g., Webex), testing, commissioning, and demonstration, documentation, SOPs, and training, and initial manpower support are **duly factored into the quoted price**, and no extra claims shall be entertained.



Annexure – I


Scope of Work

Sr. No.	Item	Make/Model	Description	Qty.	Image of product
Display Solutions					
01	Commercial Display	SAMSUNG Model- 55QEF1AU	55 inch QLED QEF1 4K Samsung Vision AI Smart TV Quantum HDR Q4 AI Processor (QEF1 2025) [For Justice- 02 nos. & For Parties – 01 no.]	03	
02	Wall Mounting	Lumi brand	SITC flexible wall mounting push & hold, mountable bracket for display up to 55 inch TV (3X3 ft.)	02	
03	Floor mount	Lumi brand	Metal Comfort Monitor stand (Flexible) [For 55 inch TV]	01	

04	All-in-one Desktop Computer	HP	HP EliteOne 840 G9 60.5 cm (23.8) All-in-One Desktop PC- Touch Screen with wireless Keyboard & Mouse (USB 3.1 for accessing HD content) [For Board Members]	03	-
05	Monitor Stand	Lumi or Other Similar Brand	Adjustable Metal Folding Monitor Bracket for Touch Screen Desk Mount with VESA Hole 75x75mm&100x100mm All in Single PC Stand (Black)	03	
06	All-in-one Desktop Computer	HP	HP 54.5 cm (21.5) All-in-One Desktop PC 22-dg0786in- with wireless Keyboard & Mouse [For Court Master & for coordinator to manage Webex meeting]	02	-
VC Camera and Recording Solutions					
07	Stage Tracking Camera	Lumens VC-R31	VC-R31 HD IP PTZ Camera <i>A 1080p 60 fps PTZ camera with a 12x zoom, HDMI , USB and IP streaming, 1080p 60 fps, Superb value for money, 2x zoom / 72.5° horizontal field of view, Simultaneous HDMI, USB and IP streaming output, Outstanding color reproduction</i>	02	

08	Ceiling Mount	Lumi or equivalent	Ceiling Mounting kit for PTZ Camera	02	
09	Multi viewer Box	Lumens Cam connect Pro AI-Box1	AI-Box1 CamConnect Processor Supports up-to 4 IP cameras, Supports multiple array microphones, Supports PBP, three-split screen and four-split screen multiview output, AI algorithm for people tracking and center stage	01	
10	VC Recorder	Lumens LC-100N	Capture Vision System, 2-Channel Recorder and Streaming, Media Processor with HD NDI HX support, 2-Channel Media Processing, Simultaneous Recording, Live, Production and Streaming, NDI HX2, HDMI, SDI, RTSP and USB inputs, XLR Audio with phantom power, Built-in 2TB HDD storage, Supports for NAS and FTP storage	01	
Audio Solution					

11	Audio DSP	BIAMP [16-input Digital Signal Processor]	<p>TESIRAFORTÉ® X 1600 MEETING ROOM DSP</p> <p>Supports simultaneous operation of AVB, Dante, and AES67 digital audio networking protocols • 2 mic/line level inputs, 2 mic/line level outputs • Five 1 Gigabit Ethernet ports • Four ports support PoE+ power (IEEE 802.3.at Class 4, 30W) • Up to 2x2 channels of configurable USB audio • 16 AEC channels assignable to any input 4-pin GPIO • Surface mountable with included bracket • Supports port authentication via IEEE 802.1X • SIP VoIP interface via Gigabit Ethernet connection • CE marked, UL listed, and RoHS compliant • Covered by Biamp Systems' 5-year warranty</p>	01	<p>DATA SHEET TESIRAFORTÉ X 1600 MEETING ROOM DSP</p> 
12	Power Amplifier	JBL Libra300	<p>JBL Libra 300 Mixer Amplifier 300w x 1Ch With USB, Bluetooth and Mic Inputs</p>	01	

13	Wall Speaker	JBL Control 25-1	<ul style="list-style-type: none"> • 5-¼” woofer with woven fiberglass cone • ¾” PEI diaphragm tweeter with fluid cooling • Contemporary, high-design appearance • Built-in InvisiBall® mounting hardware*, plus available U-bracket • Weather resistant enclosure and transducers • Wide 100° x 100° coverage • 100 Watt power handling (200 Watt program) in direct 8Ω setting, plus built-in 30 Watt 70V/100V multi-tap transformer. • High fidelity sound character with broad frequency response of 60 Hz – 20 kHz. 	04	
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Cable & Connector Solutions

14	Faceplate	Standard	Metal Faceplate with CNC Cut HDMI + USB connectivity	02	
15		Standard	PREMIUM High-Speed HDMI Cable 1.8 Mtr	06	
16		Standard	USB 3.0 A (M) to A (F) Cable -50 Mtr	01	

17		NetRack	15U -AV Rack with Fron Glass Door and Associated with STD Accessories	01	
18		D-Link	CAT6 cable with connector accessories for connecting HDMI Transmitter and Receiver 305 Mtr	01	
19		Standard	HDMI Extension Set over CAT6 (TX + RX)	04	
20		Standard	Various Cables, Connectors & consumables – Lumsum	01	
Manpower/ Services					
21	Manpower/Services	UCS	Installation, Integration, Testing & Commissioning (SITC)	01	
22	Manpower/Services	UCS	DSP Programming & Configuration	01	
23	Manpower/Services	UCS	Documentation, Training & SOP Preparation	01	

1. Mandatory Site Visit

The bidder shall mandatorily conduct a detailed site visit prior to submission of the bid to assess the site conditions, infrastructure availability, and scope requirements. No claim arising out of lack of site knowledge shall be entertained at a later stage.

2. Cable Quantity Variation

The quantity of cable required for connectivity may vary within a range of $\pm 20\%$ from the estimated quantity, based on actual site conditions. The bidder shall accommodate such variation without objection. Payment shall be made based on actual measured quantities executed.

3. Scope of Work Inclusion

All activities required for successful completion and commissioning of the project, whether explicitly mentioned or not, but necessary for operational functionality, shall be deemed included in the Scope of Work.

4. Installation and Testing

The bidder shall be responsible for complete supply installation, configuration, integration, testing, commissioning, and handover of the system in fully operational condition to the satisfaction of the Department/Authority.

5. CISCO Webex Integration

The bidder shall ensure seamless integration of the system with the existing Cisco Webex platform and shall be responsible for compatibility, configuration, testing, and successful demonstration of the integration.

6. Submission of SOP / Training / Flow Chart

The successful bidder shall provide:

- Standard Operating Procedures (SOP) documentation
- User Manuals
- Operational Flow Charts
- Training to designated officials/staff for smooth operation and maintenance of the system

7. Infrastructure to be Provided by Department

The Department/Office shall provide the required I/O ports and electrical power connection within the Court Room. All other required materials, other than those mentioned above, accessories and components shall be arranged by the bidder.

8. Manpower Support (Initial Six Months)

For the first six (6) months from the date of commissioning, the bidder shall provide on-site technical manpower support for a minimum of five (5) days per month. The cost of such manpower shall be quoted separately and shall be payable as per the agreed rates.
