

SUPPLEMENTAL/BID BULLETIN NO. 2

PROJECT : **Paging Management System at LANDBANK Plaza under Project Identification No. LBP-GIBAC-ITB-GS-20250221-01**

IMPLEMENTOR : **Bids and Awards Committee for Goods and Infrastructure (GI-BAC)**

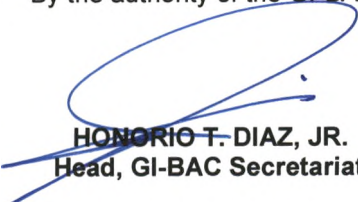
DATE : **27 May 2025**

This Supplemental/Bid Bulletin is issued to modify, amend and/or clarify specific items in the Bidding Documents. It shall form an integral part of the Bidding Documents.

Modification, amendment and/or clarification:

1. The Terms of Reference (Annexes D-1 to D-8), Technical Specifications (Section VII) and Checklist of Bidding Documents (Item No. 12 of Technical Documents) have been revised. Please see attached revised Annexes D-1 to D-8 and specific sections of the bidding documents.
2. The Submission and Opening of Bids is rescheduled on June 5, 2025 at 10:00 A.M. through videoconferencing using Microsoft (MS) Teams application.

By the authority of the GI-BAC:



HONORIO T. DIAZ, JR.
Head, GI-BAC Secretariat

Technical Specifications

Specifications	Statement of Compliance
<p align="center">Paging Management System at LANDBANK Plaza</p> <ol style="list-style-type: none"> 1. Terms of Reference, scope of works and other requirements per attached Revised Terms of Reference (Annexes D-1 to D-8) and Bill of Quantities (Annexes E-1 to E-4). 2. Documentary requirements enumerated in Item C (Annex D-1) of the Terms of Reference. <p>Non-submission of the above documents/requirements may result in the post-disqualification of the bidder.</p>	<p>Bidders must signify their compliance with the Technical Specifications/Terms of Reference by stating below either “Comply” or Not “Comply</p> <p>Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.</p>

Conforme:

Name of Bidder

Signature over Printed Name of
Authorized Representative

Position

Checklist of Bidding Documents for Procurement of Goods and Services

The documents for each component should be arranged as per this Checklist. Kindly provide guides or dividers with appropriate labels.

Eligibility and Technical Components (PDF File)

- ***The Eligibility and Technical Component shall contain documents sequentially arranged as follows:***

- **Eligibility Documents – Class “A”**

Legal Eligibility Documents

1. Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages).

Technical Eligibility Documents

2. Duly notarized Secretary's Certificate attesting that the signatory is the duly authorized representative of the prospective bidder, and granted full power and authority to do, execute and perform any and all acts necessary and/or to represent the prospective bidder in the bidding, if the prospective bidder is a corporation, partnership, cooperative, or joint venture or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder. (sample form - Form No. 7).
3. Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid, within the last five (5) years from the date of submission and receipt of bids. The statement shall include all information required in the sample form (Form No. 3).
4. Statement of the prospective bidder identifying its Single Largest Completed Contract (SLCC) similar to the contract to be bid within the relevant period as provided in the Bidding Documents. The statement shall include all information required in the sample form (Form No. 4).

Financial Eligibility Documents

5. The prospective bidder's audited financial statements, showing, among others, the prospective bidder's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission.
6. The prospective bidder's computation for its Net Financial Contracting Capacity (NFCC) following the sample form (Form No. 5), or in the case of Procurement of Goods, a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

○ **Eligibility Documents – Class “B”**

7. Duly signed valid joint venture agreement (JVA), in case the joint venture is already in existence. In the absence of a JVA, duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful shall be included in the bid. Failure to enter into a joint venture in the event of a contract award shall be ground for the forfeiture of the bid security. Each partner of the joint venture shall submit its legal eligibility documents. The submission of technical and financial eligibility documents by any of the joint venture partners constitutes compliance, provided, that the partner responsible to submit the NFCC shall likewise submit the statement of all its ongoing contracts and Audited Financial Statements.
8. For foreign bidders claiming by reason of their country's extension of reciprocal rights to Filipinos, Certification from the relevant government office of their country stating that Filipinos are allowed to participate in government procurement activities for the same item or product.
9. Certification from the DTI if the Bidder claims preference as a Domestic Bidder.

○ **Technical Documents**

10. Bid Security (if in the form of a Surety Bond, submit also a certification issued by the Insurance Commission).
11. Section VI – Schedule of Requirements with signature of bidder's authorized representative.
12. **Revised Section VII** – Specifications with response on compliance and signature of bidder's authorized representative.
13. Duly notarized Omnibus Sworn Statement (OSS) (sample form - Form No.6).

Note: During the opening of the first bid envelope (Eligibility and Technical Component) only the above mentioned documents will be checked by the BAC if they are all present using a non-discretionary “pass/fail” criterion to determine each bidder's compliance with the documents required to be submitted for eligibility and the technical requirements.

○ **Other Documents to Support Compliance with Technical Specifications [must be submitted inside the first bid envelope (Eligibility and Technical Component)]**

14. List of three (3) completed projects from years 2022, 2023 and 2024 with at least one completed project each year. The list must include:
 - One (1) project for Paging Management System of audio visual equipment
 - Two (2) projects related to supply of audio visual equipment.
 Each completed project must be supported by copy of purchase order, or contract, or equivalent documents, and with Certificate of Satisfactory Performance issued by the supplier's client.

15. Manufacturer's authorization/certification or back-to-back certification confirming that the supplier is an authorized distributor/seller of the offered product.
 16. Certificate of Inspection issued by LANDBANK FMD.
 17. Official Product Brochure or any official documents showing specification of the offered product.
 18. List of at least two (2) service centers within Metro Manila.
- **Post-Qualification Documents/Requirements – [The bidder may submit the following documents/requirements within five (5) calendar days after receipt of Notice of Post-Qualification]:**
19. Business Tax Returns per Revenue Regulations 3-2005 (BIR No.2550 Q) VAT or Percentage Tax Returns for the last two (2) quarters filed manually or through EFPS.
 20. Latest Income Tax Return filed manually or through EFPS.
 21. Original copy of Bid Security (if in the form of a Surety Bond, submit also a certification issued by the Insurance Commission).
 22. Original copy of duly notarized Omnibus Sworn Statement (OSS) (sample form - Form No.6).
 23. Duly notarized Secretary's Certificate designating the authorized signatory in the Contract Agreement if the same is other than the bidder's authorized signatory in the bidding (sample form – Form No. 7).

Financial Component (PDF File)

- ***The Financial Component shall contain documents sequentially arranged as follows:***
 1. Duly filled out Bid Form signed by the Bidder's authorized representative (sample form - Form No.1).
 2. Duly filled out Schedule of Prices signed by the Bidder's authorized representative (sample form - Form No.2).
 3. Dully filled out Bill of Quantities Form (Annexes E-1 to E-4) signed by the Bidder's authorized representative.

Note: The forms attached to the Bidding Documents may be reproduced or reformatted provided the information required in the original forms and other requirements like signatures, if applicable, are complied with in the submittal.

TERMS OF REFERENCE**A. Name and Description of Project**

One (1) Lot Supply, Delivery, Installation, Testing, Configuration and Integration of Digital Paging Management System (PMS) with Peripherals and Consumables

B. Objectives

To upgrade the existing PMS's main control panel board and peripherals from analog to digital to interface with the new Building Management System.

C. Qualification Requirements

Particulars	Documentary Requirements
1. The supplier must have a minimum of three (3) years' experience in the supply and installation of Paging Management System and audio-visual equipment in the Philippines.	<ul style="list-style-type: none"> • List of three (3) completed projects from Years 2022 to 2024, with at least one completed project per year, composed of the following: <ul style="list-style-type: none"> a. One (1) project for PMS of audio visual equipment b. Two (2) projects related to supply of audio-visual equipment • Copy of Purchase Order or Contract or equivalent documents; and • Certificate of Satisfactory Performance issued by the client for each contract.
2. The supplier must be an authorized distributor or reseller of the offered product.	Manufacturer's certificate (for distributor) <u>or</u> back-to-back certification from the manufacturer and the authorized distributor (for reseller).
3. The supplier must conduct a pre-inspection, verification, and overall project assessment within seven (7) calendar days after the Pre-Bid Conference.	Certificate of Inspection issued by the Facilities Management Department.
4. The offered product must comply with all the specifications and requirements outlined in this TOR.	• Official brochures or any official documents from the manufacturer showing the specifications of the offered product.
5. The offered product must include access to a 24/7 service center for customer support, after sales service and repairs.	• List of at least two authorized service centers within Metro Manila.

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D. Project Requirements

- Technical Specifications

A. Paging Microphone (3 Units)	
1. Network Interface	RJ45
2. Network Protocol	BACnet and SIP
3. Codec	OPUS 48 KHz, MP344.1KHz, G722 ADPCM 16kHz, G 711 PCMU 8kHz, G 711 PCMA 8kHz (minimum)
4. WIFI	2.4G WIFI (minimum)
5. USB	USB 2.0 (minimum)
6. Speaker	5W (minimum)
7. Audio Interface	1 USB (minimum)
8. Power Supply	DC 12V 1.5A
9. Power Consumption	24W (minimum)
10. Touch Screen size	7 to 8 inch. (minimum to maximum)
11. Screen View Angle	178° (minimum)
12. Operating System	Android 7.1 (minimum)
13. Function	6 SIP Lines, IP Direct Call, RTP Multicast Paging, Real Time monitoring, HTTP server, USB disk music. Quick dial (minimum)
14. Material	Cast Aluminum Panel + Cold Rolled Sheet Shell
B. IP Amplifier (36 Units)	
1. Rated Power Output	240W (minimum)
2. Output	110V and 4 to 16Ω switchable (minimum to maximum)
3. Frequency Response	80-16kHz, ±3 db
4. Total Harmonic Distortion	Less than 0.5% at 1kHz (1/3 rated power)
5. Signal to noise Ratio	Better than 80Db
6. Tone Controls	Bass 100kHz (± 10db), Treble: 10kHz(±10db)
7. Controls	All input gain, 1 treble, 1 bass, 1 mute and power switch (minimum)
8. Cooling	Internal 24V DC fan, extensive heat sinking (minimum)
9. Indicators	Power indicator LED PROT, 100V 4-8Ω, CIP, SIG
10. Protection	Current Limiter, short circuit and thermal protection circuits (minimum)
11. Power consumption	330W (maximum)
12. Power requirements	220-240V AC, 50/60HZ, 24V DC
13. Finish	Panel Aluminum plate, black case, Steel plate, black

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14. Features	<ul style="list-style-type: none"> • Priority: EMC>MIC1.MIC2, MIC3, AUX1, AUX2 • 4 microphone and 2 auxiliary inputs (minimum) • Automatic mute function for paging and announcements • Individual input gain controls with master volume control • MP3/TUNER/Bluetooth module with screen display (minimum) • 24 VDC backup battery lithium ion for power supply
C. IP Wall Speaker (5 Units)	
1. Decoding	OPUS 48kHz, MP3 44.1 kHz, G 722 ADPCM 16kHz, G 711 PCMU 8kHz, G 711 PCMA 9 kHz (minimum)
2. Speaker	Frequency response 80Hz-20kHz Frequency range: 500-2kHz +-10Db, 400-12kHz +-20Db Harmonic distortion: 0.1 @ 1kHz Signal to Noise Ratio: 91Db
3. Network	Security: Password protection, IP address filtering, digest authentication, User interface log, firewall Network protocol: SIP, ONVIF, HTTP, IPv4, DHCP, RTSP, RTP, RTCP, TCP, UDP, ARP, FTP, TFTP, NFS, NTP Network Interface: 10/100 Base-TX, RJ45 (minimum) Voip: Support for integration with Voip systems, integrated with SIP/PBX support SIP features secondary, backsend SIP server, IPv4)IPv6 futhur): support codecs: OPUS G711U, G711A, GSM, MP3 (minimum)
4. Amplifier	Built in Amplifier
5. Material	ABS (IP55 waterproof) (minimum)
6. Rated Power	15W (minimum)
7. Power Supply	Power-over-Ethernet12V
D. Gigabit Smart Managed PoE Switch, 1 Unit (minimum)	
<ul style="list-style-type: none"> • 48 x 10/100BASE-YPoE ports • 4 x 10G SFP + ports • Switch capacity 176 Gbps • Full/half-duplex for 10/100 Mbps and full0duplex for 1000 Mbps speed • Up to 16, 384 MAC address table entries per device • It has flash memory 32MB and DRAM size 256MB • IEEE 802 3af/at PoE standard with PoE capable ports 1 to 48: up to 30W 	
E. Desktop PC (1 Set)	
1. Processor	Intel Core i7-7700 (SMB Cache Quadcore Processor 3.6 GHZ Max frequency 4.20 GHZ) (minimum)
2. Memory	8GB DDR4 2133 Mhz (minimum)
3. Storage	1TB 3.5 inch 7200 RPM (minimum)
4. Graphics	NVIDIA GeForce GT 1050, 2 GDDR5 (supporting DV1-D, HDMI, DP) (minimum)
5. Optical Drive	8x Super-Multi drive, 9.0mm slim, tray-load (minimum)

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6. Connectivity	802.11 ac/a/a/a/g/n wireless Gigabit LAN and Bluetooth 4.0 LE (minimum)
7. Front/Side/Ports (minimum)	<ul style="list-style-type: none"> • Card Reader – Yes • Audio Jack(s) – 2 • USB 3.0 port(s) – 2
8. Rear I/O Ports (minimum)	<ul style="list-style-type: none"> • HDMI port(s) 2 out • LAN port(s) – 1 • Audio jack(s)-3 • USB 2.0 port(s) -4 • USB 3.0 port(s) – 1 • Number of PCIe x 16 slot(s) – 1 • Number of PCIe x 1 slot(s) – 1 • M2 slot (for SSD) – 1 • M2 slot (for WLAN) – 1
9. Power Supply	300W CR
10. Monitor	23 inches: monitor display with VGA, DVI, HDMI inputs (minimum)
11. Accessories	Wired keyboard and mouse
12. Display Port	DVI to D-sub (minimum)
F. IP Audio Software, 1 unit (minimum)	
<ul style="list-style-type: none"> • It is an audio broadcast/software that transforms multiple audio inputs into SIP extension broadcasting and RTP multicast • It allows multiple users to professionally manage and control various PA systems • It support built-in bell ringing, multi zones management, multi-kinds of audio streams, flexible schedule configuration • It is compatible with all windows music players • It provides all-in-one unified IP audio solution • It has a video monitoring and management in zones and priority broadcasting in each zone 	
G. Wall Mount BRU Equipment Rack (2 units)	
<ul style="list-style-type: none"> • Material: powder-coated steel • Size : Per prospective supplier recommendation thru conduct of pre-inspection (subject for approval of FMD representative) • Design: Hinged doors with ground straps, captive screw door latches, and copper foil tapped ground strip and others as needed 	
H. Consumables (1 lot)	
<ul style="list-style-type: none"> • Twisted Pair # 16 wire • CAT 6 UTP cables • RJ-45 connectors with metal shield • Multiple Outlet – 6 gang • Conduits 	

CLASS D

- **Scope of Works**

The supplier shall perform the following tasks to ensure that the Digital PMS is fully operational, integrated, and optimized for the specific needs of this project

A. Supply and Delivery:

- Procurement of all necessary equipment, including the Digital Paging Management System, peripherals, and consumables.
- Delivery of all equipment to the project site.

B. Dismantling:

- Safe and systematic dismantling of the existing PMS's control panel board.
- Turn-over of the dismantled items to FMD – FSU-Electro-Mechanical Team.

C. Installation:

- Physical installation of the Digital Paging Management System and all associated peripherals.
- Mounting of equipment racks, speakers, control panels, and other hardware components.

D. Testing:

- Conducting initial tests to ensure all components are functioning correctly.
- Performing system diagnostics to identify and resolve any issues.
- Ensuring compliance with relevant standards and specifications.

E. Configuration:

- Setting up the Digital PMS according to project requirements.
- Configuring software and hardware settings to optimize performance.
- Customizing system parameters to meet specific needs, such as zoning and volume control.

F. Integration:

- Integrating the Digital Paging Management System with existing BMS.
- Ensuring seamless communication and interoperability between the new system and existing infrastructure.

G. Training and Documentation:

- Providing training to relevant personnel on the operation and maintenance of the new system.
- Supplying comprehensive documentation, including user manuals, configuration guides, and maintenance procedures.

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H. Support and Maintenance:

- **Regular Maintenance:** Conduct scheduled maintenance activities to ensure the system remains in optimal condition.
- **System Updates:** Implement regular software updates and patches to enhance functionality and security.
- **Troubleshooting:** Offer comprehensive troubleshooting services to resolve any technical issues that arise.
- **Performance Monitoring:** Continuously monitor system performance to preemptively identify and address potential problems.
- **Documentation:** Maintain detailed records of all maintenance activities and service requests for transparency and accountability.

• Submittals

Documents	Submission Period
List of personnel assigned for the project implementation and electrically-operated tools/equipment with their corresponding power ratings.	Prior to actual implementation of the project.
Comprehensive Test Report on the results of the testing conducted on the newly-installed Digital Paging Management System	Upon completion of the project
System Operation and Maintenance Manual	Upon completion of the project
Warranty Certificate for a one (1) year warranty on installed instruments and devices, workmanship, and supplied materials	Upon final acceptance of the project

E. Delivery Period

Within sixty (60) calendar days upon receipt of Notice to Proceed and advice from LANDBANK FMD.

F. Payment Terms

1. The supplier will be paid within sixty (60) calendar days after the submission of billing and complete documentary requirements.
2. LANDBANK shall pay the Supplier for the item delivered/services rendered subject to accounting and auditing rules of LANDBANK and Commission on Audit.
3. The winning supplier is required to maintain a deposit account with LANDBANK cash department or any of its branches. This directive is pursuant to Malacañang Executive Order No. 170-Adoption of Digital Payments for Government Disbursement and Collections, directing all government agencies to utilize safe and efficient digital disbursement in the payment of goods, services and other disbursements

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4. Payment shall be through credit to the winning supplier's/contractor deposit account with LANDBANK.

G. Updated Tax Clearance

Updated Tax Clearance shall be presented by the supplier/contractor in accordance with Executive Order No. 398, Series of 2005 and BIR Regulations No.17-2024 prior to final settlement of government contracts.

H. Liquidated Damages

If the Supplier fails to deliver any or all of the goods and/or services within the period/s specified in this Contract, LANDBANK shall, without prejudice to its other remedies under this Contract and under the Applicable Law, deduct from the contract price, as liquidated damages, a sum equivalent to one-tenth of one percent (0.001) of the price of the unperformed portion of the goods and/or services for each day of delay based on the approved contract. LANDBANK need not prove that it has incurred actual damages to be entitled to liquidated damages. Such amount shall be deducted from any money due or which may become due to Supplier. In case the total sum of liquidated damages reached ten percent (10%) of the total contract price, LANDBANK may rescind the contract and impose appropriate sanctions over and above the liquidated damages to be paid.

I. Pre-Termination/Termination of Contract

Pre-termination/Termination of Contract shall be governed by the guidelines on Termination of the Contract per Annex "I" of the 2016 Revised Implementing Rules and Regulations

In addition to the grounds under the said Guidelines for Contract Termination the following are also grounds for pre-termination/termination:

- Failure by the Supplier to perform its obligation thereon;
- Unsatisfactory Performance by the Supplier within the contract duration

J. Other Conditions

1. Data Privacy

- a. The supplier shall uphold the rights of the data subjects under Data Privacy Act of 2012, limited only for the purpose of this Terms of Reference and any information about the data shall be treated in strict confidence and shall be handled with utmost care and cannot be shared to any parties. Moreover, the SUPPLIER shall not engage another Supplier for the implementation of the Terms of Reference without prior written permission of LANDBANK. All data and information shared shall remain the property of LANDBANK and shall be returned to LANDBANK immediately upon its request. Finally, any data breach should be reported to LANDBANK within twenty-four (24) hours from the SUPPLIER's discovery, for the former's appropriate action.

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- b. The SUPPLIER shall ensure that any information regarding the business, operations, plans and organization of LANDBANK acquired by it, and its service personnel assigned to render services to LANDBANK or work within LANDBANK premises shall be kept CONFIDENTIAL. The SUPPLIER shall see to it that this confidentiality requirement shall be observed by all its assigned personnel. Additionally, the SUPPLIER warrant that it shall not disclose to any person or entity any information so acquired without the express prior written consent of LANDBANK.
- c. The SUPPLIER shall guarantee that the information provided by LANDBANK in relation to the performance of the former's function shall be handled with utmost confidentiality. This should be supported by a separate duly notarized Non-Disclosure Agreement (sample template per Exhibit 1) mutually agreed upon by both parties and shall be submitted to FMD prior to contract implementation.

2. Other Terms and Conditions

The supplier shall:

- 1. Coordinate with FMD for schedules and project briefing. Work authorization permit must be secured from FMD prior to any mobilization.
- 2. Provide its workers with the required personal protective equipment and appropriate tools in the implementation of the project.
- 3. Be liable and solely responsible for any harm, damage and injury that may be incurred or suffered by its own crew/workers or any other person in the implementation of the project and to any damage to the Bank's property arising from the acts whether partial, contributory or due entirely to the fault, negligence and/or dishonesty of its workers in the course of their duties.
- 4. Maintain cleanliness at all times. It shall be responsible for the collection and proper disposal - outside of the Bank premises, of all waste materials resulting from any activity related to the implementation of the project, in compliance with the requirements of the covering policies, rules and regulations of the Department of Environment and Natural Resources (DENR) and the Environmental Management Bureau (EMB).
- 5. Be bound by and shall strictly observe the Bank's existing rules and regulations with regard to the standard security policies and procedures while in the premises.