

**SUPPLEMENTAL/BID BULLETIN NO. 1**

**PROJECT** : **80Kw Photovoltaic Solar Panel On-grid Type at LANDBANK Plaza under Project Identification No. LBP-GIBAC-ITB-GS-20250728-02**

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

**DATE** : **18 September 2025**

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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-7), 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-7 and specific sections of the Bidding Documents.

By the authority of the GI-BAC:



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

# Technical Specifications

Specifications	Statement of Compliance
	<p><b>Bidders must signify their compliance with the Technical Specifications/Terms of Reference by stating below either "Comply" or Not "Comply"</b></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>
<p><b>80kW Photovoltaic Solar Panel On-grid Type at LANDBANK Plaza</b></p> <ol style="list-style-type: none"><li>1. Scope of works, minimum specifications and other requirements per attached Terms of Reference (<b>Revised Annexes D-1 to D-7</b>) and Bill of Quantities (Annex E).</li><li>2. Documentary requirements enumerated in the Letter D (Annexes D-1 and D-2) of the Terms of Reference.</li></ol> <p>Non-submission of the above documents/requirements may result in the post-disqualification of the bidder.</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 at least five (5) completed projects from years 2020, 2021, 2022, 2023 and 2024, with at least one (1) completed project for each year and with the following details:
  - Name of Project
  - Location of Project
  - Duration of Project
  - Contact Persons and Contact Numbers



Supported by copy of purchase orders or contracts or equivalent documents and Certificate of Satisfactory Performance issued by clients for each completed project.

15. Manufacturer's certificate or back-to-back certificate from the manufacturer confirming that the supplier is an authorized distributor/reseller of the product.
  16. List of at least two (2) service centers within NCR.
  17. Certificate of Inspection issued by LANDBANK Facilities Management Department (FMD).
  18. Official brochures or any official documents from the manufacturer showing the specifications of the offered product.
  19. List of project team with their corresponding license/competency certificate of the following personnel:
    - 19.1 For Electrical Engineer
      - Curriculum Vitae
      - Certificate of Employment
      - Copy of current and valid Professional Regulation Commission Identification Card
    - 19.2 For Safety Officer
      - Curriculum Vitae
      - COSH Certification from a training institution accredited by the Department of Labor and Employment (DOLE)
    - 19.3 For Highly Trained Technicians
      - Curriculum Vitae
      - Certificate of Employment
      - Certificate of Training with regard to the installation of Photovoltaic Solar Panel
- **Post-Qualification Documents/Requirements – [The bidder may submit the following documents/requirements within five (5) calendar days after receipt of Notice of Post-Qualification]:**
20. 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.
  21. Latest Income Tax Return filed manually or through EFPS.
  22. Original copy of Bid Security (if in the form of a Surety Bond, submit also a certification issued by the Insurance Commission).
  23. Original copy of duly notarized Omnibus Sworn Statement (OSS) (sample form - Form No.6).

24. 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 (Annex E) 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 and Commissioning of 80 kW Photovoltaic Solar Panel On-grid type at LANDBANK Plaza.

### B. Objective

- To support the Government's program on renewable energy and Bank's advocacy/Corporate Social Responsibility consistent with LBP's direction for a green building
- Compliance to the Bank's renewable energy (RE) initiatives on the installation of solar panels as part of the LANDBANK Sustainable Finance Framework (LSFF)
- To effectively reduced harmful emissions and achieve economic development thru offsetting/reduction of the Bank's electricity consumption while protecting health and environment

### C. Project Requirements

#### • Qualification Requirements

Particulars	Documentary Requirements
1. The Supplier must have a minimum of five (5) years' experience in the supply, delivery, installation, testing and commissioning of Photovoltaic/Solar Panels.	<ul style="list-style-type: none"> <li>• List of at least five (5) completed projects from Years 2020 to 2024, with at least one (1) completed project per year. The list should include the following information: <ul style="list-style-type: none"> <li>a. Name of Project</li> <li>b. Location of Project</li> <li>c. Duration of Project</li> <li>d. Contact Persons and contact numbers</li> </ul> </li> <li>• Copy of purchase orders or contracts or other related documents as supporting documents for the above requirements; and</li> <li>• Certificate of Satisfactory Performance issued by the client for each completed project.</li> </ul>
2. The Supplier must be an authorized distributor or re-seller and service center of the offered product.	<ul style="list-style-type: none"> <li>• Manufacturer's certificate (for distributors) <u>OR</u> back-to-back certification from the manufacturer and the authorized distributor (for resellers).</li> <li>• List of at least two (2) service centers within NCR</li> </ul>

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Particulars	Documentary Requirements
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 (FMD)
4. The offered Photovoltaic/Solar Panels must comply with all the specifications and requirements outlined in this TOR.	<ul style="list-style-type: none"> <li>Official brochures or any official documents from the manufacturer showing the specifications of the offered product.</li> </ul>
5. The following must be part of the team members to implement the project: <ul style="list-style-type: none"> <li>One (1) Electrical Engineer (EE) who is a regular employee of the supplier, with a minimum of five years of experience in the industry.</li> <li>One (1) Safety Officer (SO) with a minimum of five years of experience in the industry. The SO must have completed a Basic Occupational Safety and Health (BOSH) training program.</li> <li>Highly Trained Technicians who are regular employee of the company</li> </ul>	<p>For EE</p> <ul style="list-style-type: none"> <li>Curriculum Vitae</li> <li>Certificate of Employment</li> <li>Copy of current and valid Professional Regulation Commission (PRC) Identification Card (ID)</li> </ul> <p>For SO</p> <ul style="list-style-type: none"> <li>Curriculum Vitae</li> <li>COSH Certification from a training institution accredited by the Department of Labor and Employment (DOLE)</li> </ul> <p>For Highly Trained Technician</p> <ul style="list-style-type: none"> <li>Curriculum Vitae</li> <li>Certificate of employment</li> <li>Certificate of training with regard to the installation of Photovoltaic Solar Panel.</li> </ul>

• **Technical Specifications**

Name and Description	Technical Specifications	
<b>Solar Panel Module</b>	<b><u>Mechanical</u></b>	
	Cell Type	Mono-crystalline silicon
	Peak Power Output (Pmax)	500 Watts – 600 Watts
	Dimension(mm)	2500x1200x35 (max)
	Weight(kg)	30 (max)
	Back Sheet Color	White
	Mechanical Load (MPa)	2400 (max)
	Certification	ISO9001/UL/CE
	<b><u>Electrical (min)</u></b>	
	Open-Circuit Voltage (Voc)	52 V (max)
	Optimum Operating Voltage (Vmp)	43 V (max)
	Short-Circuit Current (Isc)	16 (max)
	Optimum Operating Current (Imp)	12 A (min)
	Cell Efficiency (%)	20% (min)
	Max system Voltage	750 V
	Max Fuse Rating (A)	30A
	Power Tolerance (%)	± 15
	Tier	One (1)

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	<b>Temperature</b>	
	Nominal Operating Cell Temp.	47°C(±3°C)
	Temperature Coefficient of Pmax	-0.45%/°C
	Temperature Coefficient of Voc	-0.35%/°C
<b>ON-GRID INVERTER</b>	Temperature Coefficient of Isc	+0.05%/°C
	Type	Grid-tie with limiter
	No. of Phase	Three (3)
	Rated Power output (kW)	50 kW
	Max. Input Voltage	1100 VDC
	Rated Input Voltage	600 VDC
	MPPT range (VDC)	180-1000 VDC
	Max output current	145 A
	Rated Grid Frequency	60 hz.
	Max. Efficiency	94% (min)
	Display	LED/LCD
	THD(lac)	THD(lac) ≤3% (full cap.
	Power Factor	>0.99 (0.8 leading – 0.8 lagging)
	Switch	Integrated DC
	Protection	DC reverse-polarity
		Output overcurrent
	Monitoring	Grid
	Waterproof and Dustproof	Outdoor
	Cooling System	Naturally cooling
	Operating Environment Temperature	-20°C ~ +60°C
<b>PHOTOVOLTAIC WIRE</b>	Certification	ISO9001, IEC 61727, IEC 62116, IEC 62109, IEC 61000-6-2
	Conductors	Stranded Copper
	Insulation	XLPE
	Rated Temperature	90°C for exposed or concealed wiring
	Rated Voltage	600V
	Protection	Sunlight resistance
	Application	Direct Burial
	Reference Standard	UL Subject 4703
<b>MOUNTING FRAME</b>	Certification	ISO9001/UL/CE
	Material	Extruded Aluminum (Frame & Rails), Anodized Treatment, use chemical treated bolts for anchorage of e framing system.
	Design Load	105 kN/sq.m
	Designed Wind Load	To comply with the requirements of NSCP 2025, 7 <sup>th</sup> Ed. Chapter 2, Section 80. (Wind load provisions)
<b>Features</b>	Communication	RS485/WiFi/LAN

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<b>Features</b>	Wireless Monitoring application	Desktop/laptop and Android/iOS Compatible application
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• **Scope of Works**

1. Supply, delivery and installation	<ul style="list-style-type: none"> <li>• Mobilization of manpower and equipment/tools at the site</li> <li>• Photovoltaic/Solar Panel System               <ol style="list-style-type: none"> <li>1. Solar Module</li> <li>2. Inverter</li> <li>3. Mounting Frames/ supports</li> <li>4. Wires/Cables</li> <li>5. Miscellaneous Materials</li> </ol> </li> <li>• Testing, commissioning and energization</li> <li>• Cleaning-up works and demobilization</li> </ul>
2. Installation Schedule	Monday to Sunday or as per advice from FMD.
3. Warranty	Twelve (12) years for Solar Module and five (5) years for the Inverter and Mounting frame against factory defects and faulty workmanship reckoned from formal turn-over and final acceptance.
4. Training	Conduct orientation to FMD representatives.
5. Maintenance	Conduct Preventive Maintenance service at quarterly for the period of one year after the final turnover of the project.

• **Submittals:**

<b>Documents</b>	<b>Submission Period</b>
Copy of CGLI and personal insurance covering bodily injury and property damage. Covering the full CGLI coverage for the entire duration of the project.	Upon issuance of Notice to Proceed and prior to actual implementation of project.
GANTT chart showing project schedules	
Detailed drawing plans	
Clearances/permits as may be required by Government Agencies relative to the project.	On a daily basis until completion of the project.
List of personnel and equipment for the project implementation and electrically-operated tools/equipment with corresponding power rating.	
Activity/Service report	
Seven (7) sets of duly signed and sealed by PME as-built plan/layout diagram on the entire system (blueprint) and digitized /soft copy in Flash Disk Drive (e.g., CAD, JPEG, PDF)	On daily basis until completion of the project.

**D. Delivery Schedule**

Within ninety (90) calendar days upon receipt of Notice to Proceed (NTP) and advice from LANDBANK FMD.

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#### **E. Payment Terms**

1. LANDBANK shall pay the Supplier for the item delivered/services rendered subject to accounting and auditing rules of LANDBANK and Commission on Audit.
2. The winning Supplier/contractor 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 disbursement.
3. Payment shall be through credit to the winning Supplier's deposit account with LANDBANK.
4. The Supplier will be paid within sixty (60) calendar days after the submission of billing and complete documentary requirements.

#### **F. 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.

#### **G. Liquidated Damages**

If the winning bidder fails to deliver any or all of the goods and/or services within the period/s specified in this Contract, the Bank 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.

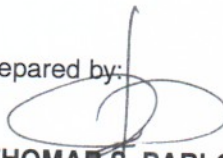
#### **H. Other Terms and Condition**

1. The winning Supplier shall:
  - a. Coordinate with FMD for schedules and project briefing. Work authorization permit must be secured to FMD prior to any mobilization.
  - b. Deploy competent technicians/workers with vast experience and expertise in the entire undertaking and implementation of the project.
  - c. Provide its workers with the required personal protective equipment and appropriate tools in the implementation of the project. In compliance with the requirement of Environmental Management Program in accordance with ISO 14001 standards.
  - d. 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,

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- contributory or due entirely to the fault, negligence and/or dishonesty of its workers in the course of their duties.
- e. 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.
  - f. Be bounded by and shall strictly observe the Bank's existing rules and regulations with regards to the standard security policies and procedures while in the premises.

Prepared by:

  
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Checked by:

  
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VP, FMD

Revised Annex D-6  
09.17.25



12233

17075

12845

4625

23260

4510

1500

1850

1600

1700

500

AREA USED FOR SOLAR

AREA B sc

AREA A sc

RAMP Up

Up

PROPOSED INSTALLATION OF SOLAR PANEL

CAPACITY : 80 KW

No. of Solar Panels : 147 Pcs of 550 Watts

# HELIPAD