



**SUPPLEMENTAL/BID BULLETIN NO. 2
For LBP-HOBAC-ITB-GS-20200914-01**

PROJECT : Generator Set for LANDBANK Plaza
IMPLEMENTOR : Procurement Department
DATE : February 19, 2021

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

Modifications, amendments and/or clarifications:

- 1) The prospective bidder/s who will participate in the bidding for the above project are encouraged to use the Bid Securing Declaration as Bid Security.
- 2) The Terms of Reference (Annex C), Technical Specifications (Section VII), and Checklist of the Bidding Documents (Item Nos. 2, 10, 11, 12, 13, 18, 23, 24, 27, & 28 of the Eligibility and Technical Components) have been revised. Please see attached revised Annexes C-1 to C-11 and specific sections of the Bidding Documents.
- 3) The deadline for the submission of electronic bids for the above project is re-scheduled on **February 26, 2021** at **10:00 A.M.** Submission of physical bids (hard copy) shall **not** be accepted.

Bidder's Queries/Clarifications	LANDBANK Responses
<p>4) The bidder is requesting for clarifications on the following:</p> <ol style="list-style-type: none"> 1) Whether there is a power room allotted for the generator set. 2) Whether the emission test port can be optimized. 3) Whether the requirement for the submission of "at least three (3) Certificates of Satisfactory Performance issued by at least three (3) major clients of High Rise Building or at minimum genset load 	<ol style="list-style-type: none"> 1) Yes, the generator set will be placed inside the power house/generator set room. 2) Yes, as long as it will meet the requirements of the Department of Energy and Natural Resources. 3) No, the Bank will maintain its requirement. Prospective bidders may consolidate all projects involving generating units of the same brand that they have supplied to one (1) client to sum

<p>capacity of 6.4 Mega Watts (e.g. BPOs, hospitals, banks, commercial establishments, condo, malls, power plants, government offices) using the brand being offered” can be relaxed. If not, can the bidder consolidate all its projects for generating units of the same brand being offered to attain the required minimum genset capacity requirement?</p>	<p>up for the total genset load capacity requirement.</p>
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ALWIN I. REYES
Assistant Vice President
Head, Procurement Department and
HOBAC Secretariat

Technical Specifications

Specification	Statement of Compliance
<p style="text-align: center;">Generator Set for LANDBANK Plaza Building</p> <ol style="list-style-type: none"> 1. Specifications, Scope of Works and other requirements per attached Revised Terms of Reference (Revised Annexes C-1 to C-11). 2. For current and past suppliers of generator set for LANDBANK, they must have satisfactory performance in their dealings with LANDBANK for the past twelve (12) months (reckoned from the date of issuance of the Certificate of Satisfactory Performance). <p>A Certificate of Satisfactory Performance issued by the Head, Facilities Management Department or the Head, Project Management and Engineering Department not earlier than 30 calendar days prior to the deadline of submission of bid shall be included in the Technical Component PDF File. The Certificate shall still be subject to verification during post-qualification of bid.</p>	<p style="text-align: center;">Please state here either "Comply" or "Not Comply"</p> <p>Bidders must state below either "Comply" or "Not Comply" against each of the individual parameters of each Specification preferably stating the corresponding performance parameter of the product offered</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>

Note: The Certificate of Satisfactory Performance shall be requested in writing from AVP Ramil P. Remillano, Head of FMD at 25th floor, (Contact No.: 8405-7360) or Mr. Enrico DJ. Samaniego, Head of PMED at 24th floor LANDBANK Plaza Building, (Contact No.: 8405-7362) at least five (5) working days prior to the submission of bid.

Non-submission of the above-mentioned document/requirement may result in bidder's disqualification.

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); or all of the following:
 - Registration Certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives, or any proof of such registration as stated in the Bidding Documents;
 - Valid and current mayor's/business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or equivalent document for Exclusive Economic Zones or Areas; and
 - Tax Clearance per Executive Order 398, Series of 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

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, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, 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.

o **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 or Domestic Entity.

o **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).**
14. Certificate of Inspection (CI) issued by the LANDBANK – Facilities Management Department (FMD).
15. Manufacturer’s Authorization or Back-to-Back Certification evidencing that the bidder is an authorized seller/distributor of the offered product and/or other supporting documents.
16. Copy of at least ten (10) Purchase Orders or Contracts (from 2004 to present).
17. List of at least ten (10) clients with addresses, contact persons and telephone numbers.
18. **Certificates of Satisfactory Performance issued by at least three (3) major clients of High Rise Building or at minimum genset load capacity of 6.4 Mega Watts (e.g., BPOs, hospitals, banks, commercial establishments, condominium, malls, power plants and government offices) using the brand being offered.**
19. Certificate of availability with corresponding list of the following:
 - 19.1. In-house electrical and mechanical shop
 - 19.2. In-house load bank at 1000kW (minimum)
 - 19.3. Parts inventory for consumables and emergency repair/major overhauling
 - 19.4. 24 hours service engineer/crew for emergency repair
20. List of at least five (5) names of regular employed technicians with copy of license and corresponding certificate from DOLE-accredited Testing Organization for Heavy Equipment.
21. Certificate of Employment and corresponding license/competency certificate for Electrical Engineer, Mechanical Engineer, Project Supervisor, Assistant Supervisor and Safety Officer.
22. Print out of the Homepage of the manufacturer’s website showing the URL (web address) and the offered product and its technical specifications.
23. **Certification from a governing body [Underwriters Laboratories (UL), or European Conformity (EC)] on the offered product or its manufacturer.**
24. **Certificate of Satisfactory Performance issued by the Head, Facilities Management Department or by the Head, Project Management**

Engineering Department not earlier than 30 calendar days prior to the deadline of submission of bid.

- **Post-Qualification Documents – [The bidder may submit the following documents within five (5) calendar days after receipt of Notice of Post-Qualification]:**

25. 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.
26. Latest Income Tax Return filed manually or through EFPS.
27. **Original copy of Bid Security (if in the form of a Surety Bond, submit also a certification issued by the Insurance Commission).**
28. **Original copy of duly notarized Revised Omnibus Sworn Statement (OSS) (sample form - Form No.6).**

Financial Component (PDF File)

- **The Financial Component shall contain the 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 D-1 to D-2).

TERMS OF REFERENCE

I. Project Description:

One (1) lot – Supply, delivery and installation of One (1) unit 400kW/500kVA Standby Generator Set at Generator Set Room, 6th floor, LANDBANK Plaza, Malate Manila, including supply of technical supervision, labor, tools, materials and equipment complete with standard accessories, dismantling and hauling of existing Generator Set No. 5.

II. Objective:

To replace and upgrade one (1) unit Generator Set at LANDBANK Plaza Building that serves as exclusive back-up power for Technology Management Department (TMG) during:

- a) power supply shortage/interruption from power utility company – MERALCO;
- b) preventive maintenance at power substation, and;
- c) replacement of 200kVA UPS batteries at 9th floor by TMG.

III. Project Details:

III. A Technical Specifications:

<i>Standby Power Rating</i>	400kW/500kVA at 0.8 power factor (pf) , open type without Fuel Tank	
<i>Rated Voltage</i>	480 Volts (V)	
<i>Frequency (Hertz)</i>	60 Hertz (Hz)	
<i>Number of Phase</i>	Three (3)	
<i>Engine</i>	Compression Ratio	16:3:1
	No. of Cylinders	6
	No. of Stroke	4- Stroke- Cycle
	Bore x Stroke	125 - 135 mm x 150 to 160 mm (min to max)
	Displacement	11 to 15 L (min to max)
	Rated Speed	1800 revolution per minute (rpm)
	Governor	Mechanical / Electronic
	Aspiration	Turbocharged Air-Air-After cooled
	Cooling System	Radiator-Water Cooled
	Starting system	Electric
<i>Alternator</i>	Type	Self-excited , brushless alternator
	Number of Poles	4, Rotating –Field
	Insulation	Class H
	Voltage Regulator	Automatic Voltage Regulator
	No. of Bearing	Single/Double Bearing
<i>Engine Electrical System</i>	Battery charging alternator	Ground (negative/positive) Volts (DC) – 24 V Ampere Rating – 30 to 45 A Starter Motor voltage (DC)— 24V

		Battery , recommended cold cranking Battery Voltage (DC) – 12V
<i>Fuel System</i>	Recommended Fuel Fuel Injection	Diesel Direct Injection/ Electronics
<i>Fuel Consumption</i>	At 100 % load with fan At 75 % load with fan At 50 % load with fan	90 to 110 L/hr (min to max) 60 to 90 L/hr (min to max) 40 to 70 L/hr (min to max)
<i>Exhaust System</i>	Stainless Steel exhaust flex, gaskets, rain cap and Society of Automotive Engineering (SAE) exhaust flange	
<i>Control Panel</i>	Digital Metering Engine Complete Parameters (kW, kVA, rpm , Volts, Battery Voltage Drop, Amperes, Temperature , Pressure, etc.) Generator Protection Functions Engine Protection Multilingual Capability Windows-Based Software (MAC or Proprietary) Operating Hours	
<i>Standard Gen-Set Sound</i>	80 to 100 dB (decibel) within 5 to 7 meters	
<i>Dimensions Lx W x H</i>	3.5 to 4 Length , 1 to 1.5 Width , 1.5 to 2.3 Height in meters (min to max)	
<i>Weight (w/o fuel tank)</i>	3,000 to 6,000 kgs (min to max)	

III.A.1 Parts / Components:

400 kiloWatts (kW) Generator Set		
Engine	Name of Parts / Components	Qty.
	• Air Cleaners	4 pcs at max
	• Oil Pump Assembly	1 lot
	• Oil Drain Extension & S/O Valve Assembly	1 lot
	• Oil Filters	4 pcs at max
	• Fuel Filter (Primary)	2 – 4 pcs
	• Fuel Filter (Secondary)	2 – 4 pcs
	• Closed Crankcase Ventilation	2 – 4 pcs
	• Jacket Water Pump	2 – 4 pcs
	• Intercooler Water Pump	2 – 4 pcs
	• Thermostat	4 pcs at max
	• Blower Fan & Fan Drive	1 lot
	• Radiator - Unit Mounted	1 unit
	• Electric Starting Motor – 24V	1 unit
	• Governor- Electronic	1 unit

	<p>Isochronous/Mechanical</p> <ul style="list-style-type: none"> ● Base – Structural Steel 1 unit ● SAE Flywheel & Bell Housing 1 lot ● Charging Alternator – 24V 1 unit ● Battery Box & Cables 1 lot ● Flexible Fuel Connectors 1 lot ● Flexible Exhaust Connection 1 lot ● Charging Alternator – 24V 1 unit ● Battery Box & Cables 1 lot ● Flexible Fuel Connectors and Fittings 1 lot ● Flexible Exhaust Connection 1 lot ● Engine Block Assembly 1 lot ● Cylinder Head Assembly 1 lot ● Piston and Cylinder Liner Assembly 1 lot
Generator	<ul style="list-style-type: none"> ● National Electrical Manufacturer Association (NEMA) - MG1 , Institute of Electrical and Electronics Engineers (IEEE) and American National Standards Institute (ANSI) standards compliance for temperature rise and motor starting ● Self-Ventilated and Drip-Proof ● Superior Voltage Waveform ● No load to full load regulation ● Digital, Solid State ● Volts-per-Hertz Regulator ● Brushless Alternator with Brushless Pilot ● Exciter ● 4 Pole , Rotating Field
Standard Accessories	<ul style="list-style-type: none"> ● 5A battery charger ● Residential exhaust silencer ● Flexible exhaust connector ● Set mounted control panel with ACG413 controller ● Droop Kit ● Repair Kit ● Resiliently mounted on a common base skid ● Racor fuel / water separator ● Lead acid starting battery ● Operations Manual ● Test Port 1 to 2 pcs (min to max) ● Vibro Spring Pad Insulator (Heavy Duty) 12 pcs at maximum (Factory Supplied Spring Insulator)
Emission	<ul style="list-style-type: none"> ● Environmental Protection Agency (EPA) Certified or Emission Test Compliance Certificate

III. C Scope of the Project and Delivery Time/Completion Schedule

1. Scope of Works:	
Inspection	<ul style="list-style-type: none"> • Thorough and detailed inspection, verification, assessment of the condition and other details of the project.
Permits and Licenses	<ul style="list-style-type: none"> • Acquisition of DENR Permit, Mechanical Permit to Install and Operate (Generator Set), Certificate of Compliance (COC) from the Energy Regulatory Commission (ERC) and other necessary permits/legal requirements for the installation and operation of the Gen-Set.
Mobilization	<ul style="list-style-type: none"> • Mobilize of manpower including tools, materials and equipment
Dismantling and Hauling	<ul style="list-style-type: none"> • Dismantling of one (1) unit Generator Set to include the following : <ol style="list-style-type: none"> a. Disconnection of exhaust system b. Disconnection of radiator ducting of the Gen-Set c. Disconnection of all power cables and control wires from the Gen-Set d. Disconnection of fuel pipes from the Gen-Set Note : Existing fuel pipes will be reused e. Dismantling of detachable generator set door louvers f. Dismantling of radiator assembly g. Extracting of anchor bolts and spring isolators h. Other dismantling works necessary for successful pull out of the Gen-Set • Lifting, hauling and rigging of the dismantled Gen-Set including the Field Device Tool (FDT) from other dismantled materials from power house to customer's staging area at LANDBANK Warehouse in Antipolo, Rizal.
Installation	<p>MECHANICAL WORKS – Supply, Delivery and Installation of :</p> <ul style="list-style-type: none"> • One (1) unit brand new Generator Sets, radiator assembly (to be engine mounted at site) and other accessories (e.g. Muffler, Ducting, and other attachments) including lifting, hauling, rigging, mounting and alignment from drop off point to its designated location at Generator Set Room. • Schedule 40 Stainless Steel pipe and residential type muffler for each Gen-Set exhaust system, complete with flexible connectors, expanders, gasket, American National Standard Institute (ANSI) flanges, S.S elbows (90°) and (45°), hangers, spring type supports, standard test port with flange and cover, wall thimble with caulking, and flapper/ rain cap. Pipes inside the power house shall be insulated with 2 inch Rockwool insulation and wrapped with Gauge # 22 Aluminum Cladding. Pipes extending outside the power house shall be painted with high heat aluminum paint. • Gauge #18 radiator ducting complete with canvass cloth, stiffeners, brackets, hangers, Stainless Steel wire mesh and

	<p>supports.</p> <ul style="list-style-type: none"> • One (1) inch schedule 40 seamless Stainless Steel pipes to connect the existing fuel pipes to the Gen-Set, complete with flexible hoses, fittings, elbows, gate valves, check valves, wye strainer between each Gen-Set and the Field Device Tool (FDT). This includes the supply and installation of fuel and water separator with bypass line. <p>ELECTRICAL WORKS – Supply, Delivery and Installation of :</p> <ul style="list-style-type: none"> • Battery charger, including 6 x 3.5 sq. mm THW and 1 x 2.0 sq. mm THW (Green) in liquid tight flexible conduit from 240VAC to electrical outlet to battery charger and from battery charger's 24VDC output to Gen-Set's DC terminal. This shall also include the supply and installation of 30A circuit breaker for the protection of each battery charger. • 1 x 50 sq. mm bare copper wire from Gen-Set to be provided ground tapping point within the generator room. • 800 Ampere at 480Volts Circuit Breaker Manual Transfer Switch (MTS) Circuit Breaker at 10th floor • 3 sets of (2 x 3 500 MCM THHN) Rated power cables from Gen-Set 6th floor going to Manual Transfer Switch 10th floor • Long barrel, crimp type cable terminal lugs at each end of each run of power cables • Ladder type cable tray complete with hangers, supports, bonding wires, and other necessary accessories <p>CIVIL WORKS</p> <ul style="list-style-type: none"> • Removal of any obstruction on the pathway of Gen-Set prior to hauling and rigging. Chipping and restoration of any damaged finishes and/or concrete structures.
<p>Demobilization</p>	<ul style="list-style-type: none"> • Check mechanical and electrical components to include cleaning and tightening of terminal bolts • Pull-out tools, equipment, waste and debris • Clearing and cleaning of the affected areas
<p>Testing and Commissioning</p>	<ul style="list-style-type: none"> • Actual visit for Factory Witness & Acceptance Test (FWAT) based on standard including among others of the following : <ol style="list-style-type: none"> a. at 50% load , 1 hour b. at 75% load , 1 hour c. at 100% load , 1 hour d. at 100% shock load , 1 hour running of the Genset e. shaker / vibration test f. alternator test validation g. fuel consumption test • Final Testing and Commissioning <ol style="list-style-type: none"> a. at 50% load of the building , 1 hour b. at 75% load of the building , 1 hour c. at 100% load of the building , 1 hour <p>Note: Per Section 20 of Executive Order 77 issued by Malacañang, official or personal travel that is funded by suppliers with pending request or future dealings</p>

	is not allowed. In the said order, in case factory testing cannot be witnessed by LANDBANK representative, the winning supplier shall submit videos and pictures during actual testing and load test report.
As-Built Plan	<ul style="list-style-type: none"> Preparation and submission of signed and sealed shop drawings and as-built plans (blue prints, white prints and CAD files in USB)
Work Completion	<ul style="list-style-type: none"> Three Hundred Fifty (350) Calendar Days (including shipment) upon receipt of Notice To Proceed
Installation/Work Schedule	<ul style="list-style-type: none"> Mondays – Sundays in coordination with FMD
Warranty	<ul style="list-style-type: none"> One (1) year warranty against factory/manufacturing defects on equipment, components and parts supplied and against faulty workmanship to commence upon receipt of final turn-over and acceptance documents All equipment, parts and components found defective within the warranty period shall be immediately replaced without additional cost to the Bank Monthly checking/Preventive Maintenance Services for one (1) year to start after 30 days upon receipt of final turn-over and acceptance documents and in full coordination with the FMD. Change oil every after 500 running hours or 1 year whichever comes first. <ul style="list-style-type: none"> a. Replace lube oil and filters b. Replace fuel filters c. Clean radiator coils and fins d. Change radiator coolant

IV. Terms and Conditions:

- All electrical wires from Manual Transfer Switch (MTS) to Generator Set should pass the insulation resistance (megger) test. Submit copy of duly signed insulation test result/report.
- All parts, materials and accessories that will be supplied shall be brand new and ISO approved products except for those specifically approved for re-use.
- Response time for all service calls (repair and /or maintenance works) shall be within 24 hours upon receipt of notification call from FMD.
- Ensure availability of the service spare parts such as sensors, relays, fan belts, or other minor components to ensure ready and prompt operation of Generator Set at all times.
- Conduct the appropriate operator's training to the LANDBANK technical personnel on the proper operation and maintenance of the Generator Set.

V. Submittals:

Item	Description	Submission Date
Product Brochure with Underwriters Laboratories (UL) or European Conformity (EC) Certification	<ul style="list-style-type: none"> Detailed technical specifications and features of the generator sets including component parts and accessories Printout Homepage of the manufacturer's website showing URL 	Upon submission of Bid

CLASS D

	(web address).	
Comprehensive General Liability Insurance (CGLI) and Personal Insurance Certificate/Policy	Copy of CGLI and Personal Insurance covering bodily injury and property damage	Upon issuance of Notice To Proceed /Purchase Order (PO) and prior to actual implementation of the project
Load Test Report	Comprehensive report containing the electrical and mechanical parameters of the generator sets	Upon final testing and commissioning
As-built plans (signed and sealed by PME) – 3 sets	Plans showing the locations of generator set	Upon Completion
Warranty Certificate	Warranty Certificate	Upon Completion
Guarantee Certificate	Certificate that the spare parts and components including the aftersales services/ supports that may be required by the bank to ensure the continuous and normal operation of the equipment shall be available in the next five (5) years from the date of commissioning	Upon Completion
Certificate Of Compliance (COC)	Pursuant to Section 38 of Republic Act No. 9136 (RA 9136) creating Energy Regulatory Commission, the pertinent provisions of the implementing Rules and Regulations (IRR) of RA9136, and the 2014 Revised Rules for the issuance of Certificate of Compliance (COC) for Generation Companies , Qualified End-Users and Entities with Self –Generation Facilities	Upon Completion
Permit To Operate (PTO)	Pursuant to Section 1, Rule XIX of the Implementing Rules and Regulations (IRR) of Clean Air Act (RA8749)	Upon Completion
Schedule of Maintenance/ Monitoring Activities	Schedule of Warranty Maintenance Service / Preventive Maintenance	Upon Completion
Monthly Service Report	Actual activities undertaken in the performance of warranty maintenance service	Within 5 days after conduct of monthly service
Factory and Acceptance Test Certification	Actual activities undertaken in the performance of Factory Witness & Acceptance Test based on standard including among others of the following:	Within 30 days after conduct of Test

	a. at 50% load , 1 hour b. at 75% load , 1 hour c. at 100% load , 1 hour d. at 100% shock load , 1 hour running of the Generator set e. alternator test f. fuel consumption test g. seismic / vibration test	
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VI. Estimated Project Cost:

The estimated total project cost is PESOS:

Particulars	Unit Cost	Total Cost
One (1) unit 400kW / 500kVA Generator Set including the following : a. Municipality Mechanical Permit b. DENR Permit To Operate c. ERC Certificate of Compliance		
One (1) Lot Total Installation and Labor Cost (materials, tools, equipment and consumables)		
Grand Total Cost (VAT Inclusive)		

All payments shall be subject to LANDBANK's standard accounting and auditing rules and regulations.

VII. Supplier Qualification Requirements:

Qualification	Documentary Requirement/s
1. Prior to the bidding proper, interested contractors must conduct inspection, verification, and overall project assessment.	<ul style="list-style-type: none"> Submit Certificate of Inspection (CI) issued by the LANDBANK - Facilities Management Department (FMD) five (5) banking/working (8:00 AM- 5:00 PM) days before opening of bid Non-inspection/submission of CI will result to outright disqualification of the bid.
2. Must be authorized distributor and service center of the offered product.	<ul style="list-style-type: none"> Manufacturer's Authorization or Back-to-Back Certification to prove that the bidder is an authorized seller / distributor of the offered product and / or other supporting documents to satisfy the said requirements.
3. Must have minimum of Fifteen (15) years-experience in selling and servicing of Generator Sets in the Philippines	<ul style="list-style-type: none"> Submit at least ten (10) Purchase Orders or Contracts from the year 2004 to Present Submit at least ten (10) list of clients with addresses, contact persons and

<p>4. Must be satisfactorily rated by previous customers / clients</p>	<p>telephone numbers</p> <ul style="list-style-type: none"> • Submit at least three (3) Certificates of satisfactory performance issued by at least 3 major clients of High Rise Building or at minimum genset load capacity of 6.4 Mega Watts (e.g., BPO's, hospitals, banks, commercial establishments, condo, malls, power plants, government offices) using the brand being offered
<p>5. Must have the following mandatory requirements :</p> <ol style="list-style-type: none"> In-house electrical and mechanical shop In-house load bank at 1000kW minimum Parts inventory for consumables and emergency repair/ major overhauling 24 hours service engineer/crew for emergency repair. 	<ul style="list-style-type: none"> • Certificate of availability <p>Submit the list subject to verification of FMD</p>
<p>6. Must have highly trained technicians who are its regular employees and certified by a DOLE – accredited Testing Organization for Heavy Equipment</p>	<ul style="list-style-type: none"> • Submit at least five (5) names of regular employed technicians with a copy of license and corresponding certificate
<p>7. Must have at least one (1) each of the following personnel:</p> <ul style="list-style-type: none"> • Electrical Engineer • Mechanical Engineer • Project Supervisor • Assistant Supervisor • Safety Officer 	<ul style="list-style-type: none"> • Submit copies of employment certificate and corresponding license / competency certificate
<p>8. The specifications of the offered product complete product shall be verifiable from the website of the manufacturer</p>	<ul style="list-style-type: none"> • Print out of the Homepage of the manufacturer's website showing the URL (web address). The offered products and its technical specifications must be in the manufacturer's website
<p>9. The offered product or its manufacturer must be authorized and certified by the approving / governing body</p>	<ul style="list-style-type: none"> • Underwriters Laboratories (UL) or European Conformity (EC) Certification.

VIII. Manner of Payment:

Percentage vs Approved Contract Price	Condition
50%	Upon complete installation of one (1) unit 400kW / 500kVA Generator Set
40%	Upon final load testing and commissioning of Generator Set
10%	Upon submission of the following documents: a. City Mechanical Permit to Operate b. DENR Permit To Operate c. ERC Certificate Of Compliance d. Completion requirements (As built-plan; warranty certificate; guaranty certificate; etc)

IX. Other Terms and Conditions:

1. All incidental expenses for the servicing of the installed Generator Set within the warranty period shall be borne by the contractor at no extra cost on the part of the Bank.
2. The winning contractor/supplier/service provider shall:
 - a. Coordinate with FMD for schedules and project briefing. Work authorization permit must be secured from FMD prior to any mobilization.
 - b. Provide its workers with the required personal protective equipment and appropriate tools in the implementation of the project in compliance with Environmental Management System (EMS) Program of the Bank in accordance with ISO 14001.
 - c. Conform to the provisions (latest edition) of the Philippine Mechanical, Electrical and Building Codes, the Clean Air Act, Environmental Laws and other applicable laws and regulations.
 - 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, 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, 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).
 - 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.
4. The winning contractor shall secure a Comprehensive General Liability Insurance (CGLI) and Personal Insurance to be submitted to LBP upon issuance of Notice to Proceed/Purchase Order (PO) and prior to actual implementation of the project.
CGLI shall cover the following:
 - a. Bodily injured liability

>Each person	Php 50,000.00
>Each accident	Php 50,000.00
>Each period of indemnity	Php 50,000.00

b. Property damage liability

>Each person	Php 50,000.00
>Each accident	Php 50,000.00
>Each period of indemnity	Php 50,000.00

c. Maximum aggregate limit

>Contract amount under this project per bid offered by the winning contractor.
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VII. Contacts Persons:

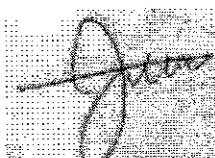
For further information, you may get in touch with any of the undersigned at Tel Nos.(02) 8551-2200 and 8405-7360

Prepared by:



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Reviewed and Concurred with:



JULIUS C. ILAG
Division Chief, EMT

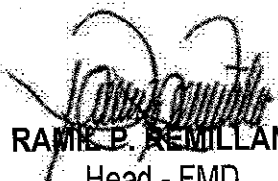


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