



Republic of the Philippines
Department of Agriculture
BUREAU OF FISHERIES AND AQUATIC RESOURCES
BIDS AND AWARDS COMMITTEE OFFICE

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SUPPLEMENTAL BID BULLETIN 01

December 11, 2023

SUBJECT : Bid Reference 2023 – 57 entitled “SUPPLY, INSTALLATION & COMMISSIONING OF A BACK UP POWER SUPPLY FOR NFRDI OFFICE AND LABORATORY BUILDING”

This Supplemental Bid Bulletin no. 1 is issued to all participating bidders to clarify, amend and/or modify certain provisions and requirements set forth under the above-entitled procurement project based on the result of the Pre-Bidding Conference conducted on December 06, 2023, through video conferencing or webcasting via “Zoom” application, to wit:

Section III – Bid Data Sheet

FROM	TO
ITB Clause 5.2 – Page No. 21 For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be: a. Supply, Installation & Commissioning of A Back up Power Supply; and b. Completed within ten (10) years prior to the deadline for the submission and receipt of bids.	ITB Clause 5.2 – Page No. 21 For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be: a. Supply, Installation & Commissioning of A Back up Power Supply; and b. Completed within five (5) years prior to the deadline for the submission and receipt of bids.

Section V – Special Conditions of Contract

FROM	TO
GCC Clause 7.2 – Page No. 34 One (1) year.	GCC Clause 7.2 – Page No. 34 Five (5) years for Civil Works; and One (1) year for the remaining items.

Section VI – Specifications

FROM	TO
Specifications – Page No. 35 “PHASE 1 BACKFILLING OF THE BFAR – NMC’s RECLAMATION AREA OF 3,000 SQUARE METER (sqm) FOR THE ESTABLISHMENT OF TWO – STOREY DORMITORY BUILDING AT BARANGAY CAGANGOHAN, PANABO CITY, DAVAO DEL NORTE” Approved Budget for the Contract (ABC): PhP2,999,700.00	Specifications – Page No. 35 “SUPPLY, INSTALLATION & COMMISSIONING OF A BACK UP POWER SUPPLY FOR NFRDI OFFICE AND LABORATORY BUILDING” Approved Budget for the Contract (ABC): PhP49,088,616.29

Terms of Reference – Page No. 36 – 37

2. GENERATOR SET

2.1 Supply, delivery, and installation of two (2)-units brand new 825 kVA/ ~~716 kW~~ brand new silent type generator set complete with controls & instrumentations, overload protective devices, and all necessary components and accessories to make the system operational with the following minimum specifications:

General features:

- a. Rating:** 825 kVA / ~~716 kW~~, standby power 230V, 60 Hz, 3 Phase, 3W + Gnd
- b. Engine:** Diesel engine, Turbocharged
- c. Excitation System:** AVR, Brushless
- d. Alternator insulation class:** Class H-F
- e. Alternator Protection:** IP23
- f. Control panel:** Digital, Synchronized-ready, BMS ready,
- g. Filters:** Dry Type

Terms of Reference – Page No. 36 – 37

2. GENERATOR SET

2.1 Supply, delivery, and installation of two (2)-units brand new **825 kVA/ 660 kW** brand new silent type generator set complete with controls & instrumentations, overload protective devices, and all necessary components and accessories to make the system operational with the following minimum specifications:

General features:

- c) Rating:** **825 kVA / 660 kW**, standby power 230V, 60 Hz, 3 Phase, 3W + Gnd
- c) Engine:** Diesel engine, Turbocharged
- c) Excitation System:** AVR, Brushless
- c) Alternator insulation class:** Class H-F
- c) Alternator Protection:** IP23
- c) Control panel:** Digital, Synchronized-ready, BMS ready,
- c) Filters:** Dry Type

Terms of Reference – Page No. 41

I. MANPOWER REQUIREMENTS:

- a) **One (1) Project Manager** - Must be a regular employee and a certified Project Management Professional with at least five (5) years' experience in project management, design, and implementation, trained in Generator Set. (Submit CV & training certificate)
- b) **Sustaining Technical Employee registered with PCAB under the name of the bidder:**
- **One (1) Professional Mechanical Engineer-** should be a Licensed Professional Mechanical Engineer and regular employee with at least five (5) years' experience in mechanical works, installation, and implementation of Generator Set. Trained in Generator Set.
 - **One (1) Professional Electrical Engineer-** should be a Licensed Professional Electrical Engineer and regular employee with at least five (5) years' experience in electrical system design, installation, and implementation of Generator Set. ~~Trained in Generator Set; Trained in Electrical load and voltage drop calculation and application; Protection and Insulation; Short Circuit calculation and application; and Must have a training/Seminar on Project Design Management.~~
 - **One (1) Civil Engineer-** should be a Registered Civil Engineer and regular employee with at least three (3) years' experience as civil engineer. Trained in Generator Set.
- c) **One (1) Safety Engineer-** should be a license engineer and a regular employee with at least three (3) years' experience as safety officer and must have completed the prescribed course in Occupational Safety and Health by DOLE, ~~trained in Generator Set.~~ (Submit CV & OSH/BOSH/COSH training certificate).

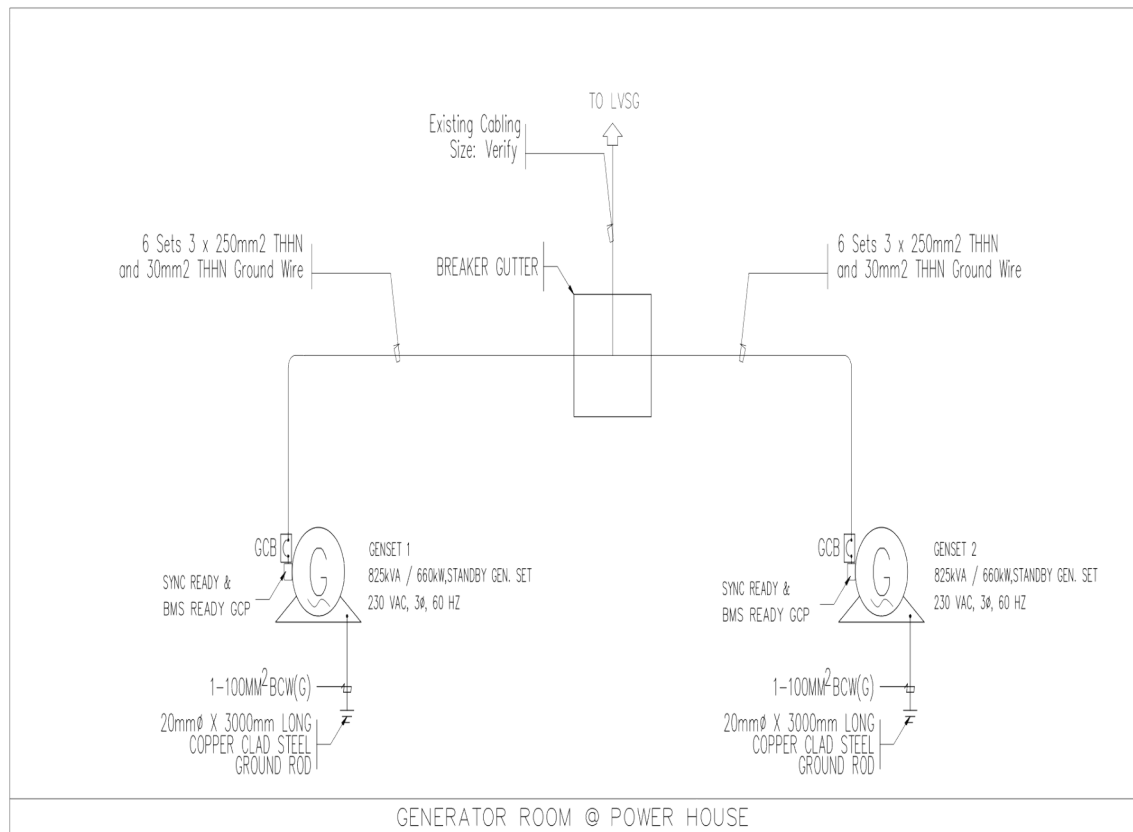
Terms of Reference – Page No. 41

II. MANPOWER REQUIREMENTS:

- a) **One (1) Project Manager** - Must be a regular employee and a certified Project Management Professional with at least five (5) years' experience in project management, design, and implementation, trained in Generator Set. (Submit CV & training certificate)
- b) **Sustaining Technical Employee registered with PCAB under the name of the bidder:**
- **One (1) Professional Mechanical Engineer-** should be a Licensed Professional Mechanical Engineer and regular employee with at least five (5) years' experience in mechanical works, installation, and implementation of Generator Set. Trained in Generator Set.
 - **One (1) Professional Electrical Engineer-** should be a Licensed Professional Electrical Engineer and regular employee with at least five (5) years' experience in electrical system design, installation, and implementation of Generator Set. **(Attach Training Certificate).**
 - **One (1) Civil Engineer-** should be a Registered Civil Engineer and regular employee with at least three (3) years' experience as civil engineer. Trained in Generator Set.
- c) **One (1) Safety Engineer-** should be a license engineer and a regular employee with at least three (3) years' experience as safety officer and must have completed the prescribed course in Occupational Safety and Health by DOLE. **(Submit CV & OSH/BOSH/COSH training certificate).**

FROM/BIDDING DOCUMENT	BIDDERS' INQUIRY	TO/BFAR RESPONSE
<p>Terms of Reference – Page No. 42</p> <p>2. Additional documentary requirements</p> <p>2.1 The contractor must have installed and configured a Generator Set connected to Building Management System (BMS).</p> <p>2.2 The contractor must be an authorized reseller of the proposed Generator Set and provide after sales service support.</p>	<p>Terms of Reference – Page No. 42</p> <p>In Section VI- Specification, Item 2.1. Additional documentary requirements: <i>"2.1. The contractor must have installed and configured a Generator Set connected to Building Management System (BMS)."</i> We would like to request clarification on what is the required document for compliance that bidders are required to submit?</p> <p>Is Joint venture allowed?</p>	<p>Terms of Reference – Page No. 42</p> <p>For the projection of Building Management System use on daily operation in maintaining BFAR-NFRDI facility and to guarantee the inter-operability and inter-connectivity of the Generator Set to the Building Management System, the bidder shall comply with the following:</p> <p>2. Additional documentary requirements:</p> <p>2.1. The contractor must have installed and configured a Generator Set connected to Building Management System (BMS). <i>(Proof: Submit proof of Contract/ Certificate of Completion or Acceptance).</i></p> <p>2.2. The contractor must be an authorized reseller of the proposed Generator Set and provide after sales service support. <i>(Proof: Submit certificate issued from the manufacturer or local distributor).</i></p> <p>YES.</p>

Section VII – Drawings



NOTES:

1. RATING OF TRANSFORMERS AS PER UTILITY COMPANY'S APPROVAL AND RECOMMENDATION.
2. ALL ELECTRICAL CIRCUITS SHALL BE WIRED ACCORDING TO THE PANELBOARD LOAD SCHEDULE.
3. ALL SHOP DRAWINGS NOT INDICATED IN THE PLANS SHALL BE PROVIDED BY THE CONTRACTOR AND SUBJECT TO OWNER REPRESENTATIVE'S APPROVAL BEFORE INSTALLATION.

SINGLE LINE DIAGRAM

SCALE: NTS

Section VIII – Bill of Quantities – REVISED

“SUPPLY, INSTALLATION & COMMISSIONING OF A BACK UP POWER SUPPLY FOR NFRDI OFFICE AND LABORATORY BUILDING”

Approved Budget for the Contract (ABC) : PhP49,088,616.29

ITEM DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
Supply, Installation & Commissioning of a Back Up Power Supply for NFRDI Office and Laboratory Building	1	Lot		
A. Preliminaries				
Mobilization/Demobilization	1	lot		
Bonds & Insurances	1	lot		
Safety & Health Program	1	lot		
Temporary Facilities	1	lot		
Temporary Utilities	1	lot		
Architectural & Engineering Working Drawings/Shop Drawing	1	lot		
B. Generator Set				
1. Generator Set	2	units		
825KVA/ 660Kw Standby Rated Generator Set				
System Set-up & Configuration & Programming				
Local Logistics & Delivery				
Hauling, Rigging, Positioning of Genset				
2. Civil Works				
Rubber Pad / Vibration Isolator	2	sets		
Concrete Pad, 150mm thk, rubber painted finish	150	sq.m		
Minor tools & Equipment Rental	1	lot		
3. Electrical Works				
Control, Signalling & Battery Charging Connection	1	lot		
Wires, Cables & Piping	1	lot		
Hardwares & Consumables	1	lot		
Minor Tools & Equipment Rentals	1	lot		
Equipment Grounding	1	lot		
25mmØ x 3000mm Copper Cladded Grounding Rod	2	unit		
100 sq.mm BCW	30	meters		
Harwares & Consumables	1	lot		
Minor Tools & Equipment Rentals	1	lot		
4. Mechanical Works				
Fuel day tank 3000 Liter capacity (inc. total initial fuel load of 5400L : 3000L on FDT, 1200L on each Skid Base)	1	lot		

14" SC40 WELDED B.I. Pipe/s Muffler/Exhaust Extension, Complete with accessories, hangers, and supports.	2	sets		
Gauge #18 G.I. Radiator Ducting complete with canvass cloth, stiffers, brackets, hangers, wire mesh and supports.	2	sets		
Minor Tools & Equipment Rental	1	lot		
C. System Documentation				
Configuration, Testing & Commissioning	1	lot		
Operations Training & Knowledge Transfer	1	lot		
As-Built Documentation	1	lot		
TOTAL AMOUNT OF BID (PhP) (in figures):				
TOTAL AMOUNT OF BID (PhP) (in words):				

Duration: 240 calendar days

Submitted by:

Name and Signature of Bidder's Representative: _____

Position: _____

Name of Company: _____

Date: _____

Section IX – Checklist of Technical and Financial Documents – REVISED

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Documents

- ☐ **(a)** Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages) in accordance with Section 8.5.2 of the IRR;

Technical Documents

- ☐ **(b)** 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 (*attached prescribed format*); **and**
- ☐ **(c)** Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules (*attached prescribed format*); **and**
- ☐ **(d)** Special PCAB License in case of Joint Ventures; **and** registration for the type and cost of the contract to be bid; **and**
A valid and current Philippine Contractors Accreditation Board (PCAB) License requirement shall be:

Size Range: Medium A

License Category: B

Principal Classification: General Building; **and**

- (e) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission; **or** Original copy of Notarized Bid Securing Declaration; **and**

- (f) Project Requirements, which shall include the following:
 - a. Organizational chart for the contract to be bid;
 - b. List of contractor's key personnel (*e.g.*, Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data, **as follows:**
 - Project Manager:** Curriculum Vitae (CV), PRC License & Training Certificate;
 - Professional Mechanical Engineer:** CV, PRC License & Training Certificate;
 - Professional Electrical Engineer:** CV, PRC License & Training Certificate;
 - Registered Civil Engineer:** CV, PRC License & Training Certificate; **and**
 - Safety Engineer:** CV & OSH/BOSH/COSH training certificate;
 - c. List of contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership or certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be;
 - d. Construction schedule and S-curve;
 - e. Project Evaluation and Review Technique (PERT) and Critical Path Method (CPM) signed by Contractor's Project Engineer;
 - f. Manpower Schedule;
 - g. Construction Methods;
 - h. Equipment Utilization Schedule; **and**
 - i. Certificate of Site Inspection issued by Engr. Arnold M. Morales of BFAR – Central Office – GSS Section;
 - j. The contractor must have installed and configured a Generator Set connected to Building Management System (BMS). (**Proof: Submit proof of Contract/ Certificate of Completion or Acceptance**);
 - k. The contractor must be an authorized reseller of the proposed Generator Set and provide after sales service support. (**Proof: Submit certificate issued from the manufacturer or local distributor**).
- (g) Original duly signed Omnibus Sworn Statement (OSS); **and** if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; 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.

Financial Documents

- (h) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC).

Class "B" Documents

- (i) If applicable, duly signed joint venture agreement (JVA) in accordance with RA No. 4566 and its IRR in case the joint venture is already in existence; **or** 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.

II. FINANCIAL COMPONENT ENVELOPE

- (j) Original of duly signed and accomplished Financial Bid Form; **and**

Other documentary requirements under RA No. 9184

- (k) Original of duly signed Bid Prices in the Bill of Quantities; **and**
- (l) Duly accomplished Detailed Estimates Form, including a summary sheet indicating the unit prices of construction materials, labor rates, and equipment rentals used in coming up with the Bid; **and**
- (m) Cash Flow by Quarter.

*****nothing follows*****

All other portions of the Bidding Documents affected by these amendments shall be made to conform the same.

Amendments/inclusions/clarifications made herein shall be considered an integral part of the Bidding Documents.

The changes made in the Philippine Bidding Documents (6th Edition, July 2020) are deemed integrated in terms and conditions for this project.

For further inquiries, please coordinate/call the Bids and Awards Committee Secretariat at Tel. No. 8332-4661.

Please be guided accordingly.

Sgd.

ATTY. MICHAEL S. ANDAYOG

BAC Chairperson