

## SUPPLEMENTAL BID BULLETIN 01

October 02, 2023

**SUBJECT : Bid Reference 2023 - 38 entitled "SUPPLY, DELIVERY AND INSTALLATION OF DIESEL MARINE GENERATOR SET WITH FAST MOVING SPARE PARTS FOR DA - BFAR MMOV 5001 AND 5002"**

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 September 27, 2023, through video conferencing or webcasting via "Zoom" application, to wit:

### Section III – Bid Data Sheet

FROM	TO
<p><b>Page 17</b> <b>ITB Clause 5.3</b></p> <p>For this purpose, contracts similar to the Project shall be:</p> <p><b>a. <del>Supply, Delivery and Installation of Diesel Marine Generator/Marine Engine.</del></b></p> <p><b>b. Bidder must have completed a single contract that is similar to this Project, equivalent to at least <b>Fifty percent (50%)</b> of the ABC within <del>Two (2) years</del> prior to the deadline for the submission and receipt of bids.</b></p>	<p><b>Page 17</b> <b>ITB Clause 5.3</b></p> <p>For this purpose, contracts similar to the Project shall be:</p> <p><b>a. <b>Supply, Delivery and Installation / Testing of Marine or Industrial Generator Set / Marine Engine.</b></b></p> <p><b>b. Bidder must have completed a single contract that is similar to this Project, equivalent to at least <b>Fifty percent (50%)</b> of the ABC within <b>Five (5) years</b> prior to the deadline for the submission and receipt of bids.</b></p>

## Section VII – Technical Specification

### FROM

“SUPPLY, DELIVERY AND INSTALLATION OF DIESEL MARINE GENERATOR SET WITH FAST MOVING SPARE PARTS FOR DA – BFAR MMOV 5001 AND 5002”

**Approved Budget for the Contract (ABC):** PhP 49,200,000.00

Specification			Statement of Compliance
No.	Item Description	Qty.	[Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. 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 Bidder’s 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.]
1	<p><b>Supply, Delivery and Installation of Brand New Marine Generator Set (rated at minimum 240 kWe, 300 kVA, 3 Phase, 60 Hz, 440V, and 1,800 RPM) with Fast Moving Spare Parts for 2 units of 50 Meters</b></p> <p><b>Port and Starboard Side Marine Generator Set</b></p> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>- In-line, 4 Stroke-Cycle Diesel</li> <li>- IMO II / III Switchable</li> <li>- Turbocharged-After Cooled</li> <li>- Electronic Governor</li> <li>- Heat Exchanger Cooled</li> </ul> <p><b>Standard Engine Equipment:</b></p> <ul style="list-style-type: none"> <li>- Corrosion-resistant Sea water aftercooler</li> <li>- Gear driven, self-priming rubber impeller sea water pump</li> <li>- Belt-driven jacket water pump</li> <li>- Plate type oil cooler</li> <li>- Primary fuel filters</li> <li>- Water cooled exhaust manifold and turbocharger</li> <li>- Soft engine mount configuration above base frame</li> <li>- Generator space heater</li> <li>- Voltage regulator</li> <li>- Current transformer</li> <li>- All auxiliary engines are rated for prime power for continuous electric service according to ISO 8525-1</li> </ul> <p><b>Inclusive:</b></p> <ul style="list-style-type: none"> <li>- Delivery at Pier 2, Navotas City</li> <li>- Rigging in and out</li> <li>- Mounting of new generator set engine</li> <li>- Generator set engine skid modification to suit foundation</li> <li>- Exhaust, fuel, and cooling interface adaptation</li> <li>- MCR Marine Power Display Monitoring lay – out</li> <li>- Electrical output line interface adaptation</li> <li>- Supply and installation of speed control for synchro function (programming of existing Easygen Controller not included)</li> <li>- Provide and install sea water strainer</li> <li>- One (1) meter insulation cladding for exhaust interface</li> <li>- Provide and install RACOR Fuel Water Separator</li> <li>- Supply of lube oil and coolant</li> <li>- Attendance of Safety Officer during the duration of the installation works</li> <li>- Load testing and commissioning</li> <li>- Two (2) x days Training on Operation and Maintenance</li> <li>- Spare spares for 1,000 hours or 1 (one) x year (whichever comes first; excluding fluids)</li> </ul> <p>For the Spare Parts these includes:</p> <ul style="list-style-type: none"> <li>- 16 pcs – Fuel Filters</li> <li>- 8 pcs – Air Filters</li> <li>- 8 pcs – Impellers</li> <li>- 8 pcs – Sensors</li> <li>- 4 pcs – Starters</li> <li>- 4 pcs – Alternators</li> <li>- 4 pcs – Jacket Water Pumps</li> <li>- 4 pcs – Sea Water Pumps</li> </ul> <p><b>Notes:</b></p>	4	



<ul style="list-style-type: none"> <li>- Contractor/Supplier must be Authorized Marine Dealer/Service Center in the Philippines.</li> <li>- Bidders should provide Brochure.</li> </ul> <p><b>Delivery Period:</b> Within thirty (30) calendar days upon receipt of the Notice to Proceed.</p> <p><b>Place of Delivery:</b> Pier 2, PFDA Compound, Navotas Fishport Complex, Navotas City.</p>	
<p><b>I. Logistical Requirements</b></p> <p>The bidder shall provide logistical supplies such as:</p> <ul style="list-style-type: none"> <li>• The capacity to deliver/supply within the required time frame, 30 days upon the received of the Notice to Proceed (NTP).</li> <li>• Manuals on the Brand New Marine Generator Sets shall be also supplied.</li> <li>• An all-risk insurance shall be provided by the supplier on the Brand New Marine Generator Sets during dismantling, delivery, installation, and testing/trial of the marine generator set, until the units are already officially accepted by the end-users.</li> <li>• Brand New Generator Sets purchased, installed and all works performed under this contract are to be inspected/tested by Technical Staff/Consultant during the sea trial, to verify proof of performance with specification requirements. All tests and trial expenses shall be on the account of the winning bidder. <ul style="list-style-type: none"> <li>○ <b>The inspection system shall include the following:</b> <ul style="list-style-type: none"> <li>▪ <b>Receiving Inspection</b> – to verify and confirm compliance of engines and spare parts to the desired quality and specification prior to acceptance. This will be referred to manufacturer’s brochures or any materials specifications.</li> <li>▪ <b>Machinery Inspection and Test</b> – to verify and confirm compliance of engines in accordance to the manufacturer’s brochures. Vibration test shall be conducted by using vibration analyzer.</li> <li>▪ <b>Electrical Inspection and Test</b> – to verify and confirm compliance of the engines to quality standards.</li> <li>▪ <b>Electronic Inspection and Test</b> – to verify and confirm compliance engines to quality standard and desired performance according to manufacturer’s document.</li> <li>▪ <b>Acceptance Trials</b> – the trials shall prove the performance of the marine generator sets as structurally sound without undue bending and sagging and the desired seakeeping stability, maneuverability and speed performance at various headings in calm water as attained. It shall also test and prove that all systems onboard the vessel is functioning to the desired level.</li> </ul> </li> </ul> </li> <li>• Required papers or documents in order to successfully deliver/supply.</li> </ul> <p><b>II. Warranty</b></p> <p>The supplier shall <del>be provided</del> a <b>minimum of one (1) year warranty</b> on the Brand New Marine Generator Sets and its fast moving spare parts.</p> <p><b>III. Payment</b></p> <p>Payment shall be made/process only upon to tests, trials, commissioning of the Brand New Marine Generator Sets prescribed in this Technical Specifications (TS), prior to acceptance by the End-Users.</p>	

## TO

**“SUPPLY, DELIVERY AND INSTALLATION OF DIESEL MARINE GENERATOR SET WITH FAST MOVING SPARE PARTS FOR DA – BFAR MMOV 5001 AND 5002”**  
**Approved Budget for the Contract (ABC): PhP 49,200,000.00**

Specification			Statement of Compliance
No.	Item Description	Qty.	[Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. 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
1	<p><b>Supply, Delivery and Installation of Brand New Marine Generator Set (rated at minimum 240 kWe, 300 kVA, 3 Phase, 60 Hz, 440V, and 1,800 RPM) with Fast Moving Spare Parts for 2 units of 50 Meters</b></p> <p><b>Port and Starboard Side Marine Generator Set</b></p> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>- In-line, 4 Stroke-Cycle Diesel</li> <li>- IMO II / III Switchable</li> <li>- Turbocharged-After Cooled</li> <li>- Electronic Governor</li> <li>- Heat Exchanger Cooled</li> </ul>	4	



**- Equipped with Woodward electronic governor motor for adaptability to the existing Woodward synchronization panel**

**Standard Engine Equipment:**

- Corrosion-resistant Sea water aftercooler
- Gear driven, self-priming rubber impeller sea water pump
- Belt-driven jacket water pump
- Plate type oil cooler
- Primary fuel filters
- Water cooled exhaust manifold and turbocharger
- Soft engine mount configuration above base frame
- Generator space heater
- Voltage regulator
- Current transformer
- All auxiliary engines are rated for prime power for continuous electric service according to ISO 8525-1

**Inclusive:**

- Delivery at Pier 2, Navotas City
  - Rigging in and out
  - Mounting of new generator set engine
  - Generator set engine skid modification to suit foundation
  - Exhaust, fuel, and cooling interface adaptation
  - MCR Marine Power Display Monitoring lay – out
  - Electrical output line interface adaptation
  - Supply and installation of speed control for synchro function (programming of existing Easygen Controller not included)
  - Provide and install sea water strainer
  - One (1) meter insulation cladding for exhaust interface
  - Provide and install RACOR Fuel Water Separator
  - Supply of lube oil and coolant
  - Attendance of Safety Officer during the duration of the installation works
  - Load testing and commissioning
  - Two (2) x days Training on Operation and Maintenance
  - Spare spares for 1,000 hours or 1 (one) x year (whichever comes first; excluding fluids)
- For the Spare Parts these includes:

- 16 pcs – Fuel Filters
- 8 pcs – Air Filters
- 8 pcs – Impellers
- 8 pcs – Sensors
- 4 pcs – Starters
- 4 pcs – Alternators
- 4 pcs – Jacket Water Pumps
- 4 pcs – Sea Water Pumps

**Notes:**

- Contractor/Supplier must be Authorized Marine Dealer/Service Center in the Philippines.
- Bidders should provide Brochure.

**Delivery Period:** Within thirty (30) calendar days upon receipt of the Notice to Proceed.

**Place of Delivery:** Pier 2, PFDA Compound, Navotas Fishport Complex, Navotas City.

*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 Bidder's 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.]*

**IV. Logistical Requirements**

The bidder shall provide logistical supplies such as:

- The capacity to deliver/supply within the required time frame, 30 days upon the received of the Notice to Proceed (NTP).
- Manuals on the Brand New Marine Generator Sets shall be also supplied.
- An all-risk insurance shall be provided by the supplier on the Brand New Marine Generator Sets during dismantling, delivery, installation, and testing/trial of the marine generator set, until the units are already officially accepted by the end-users.
- Brand New Generator Sets purchased, installed and all works performed under this contract are to be inspected/tested by Technical Staff/Consultant during the sea trial, to verify proof of performance with specification requirements. All tests and trial expenses shall be on the account of the winning bidder.

- **The inspection system shall include the following:**



<ul style="list-style-type: none"> <li>▪ <b>Receiving Inspection</b> – to verify and confirm compliance of engines and spare parts to the desired quality and specification prior to acceptance. This will be referred to manufacturer’s brochures or any materials specifications.</li> <li>▪ <b>Machinery Inspection and Test</b> – to verify and confirm compliance of engines in accordance to the manufacturer’s brochures. Vibration test shall be conducted by using vibration analyzer.</li> <li>▪ <b>Electrical Inspection and Test</b> – to verify and confirm compliance of the engines to quality standards.</li> <li>▪ <b>Electronic Inspection and Test</b> – to verify and confirm compliance engines to quality standard and desired performance according to manufacturer’s document.</li> <li>▪ <b>Acceptance Trials</b> – the trials shall prove the performance of the marine generator sets as structurally sound without undue bending and sagging and the desired seakeeping stability, maneuverability and speed performance at various headings in calm water as attained. It shall also test and prove that all systems onboard the vessel is functioning to the desired level.</li> </ul> <ul style="list-style-type: none"> <li>• Required papers or documents in order to successfully deliver/supply.</li> </ul> <p><b>Additional Requirements</b></p> <ul style="list-style-type: none"> <li>• Must have Nippon Kaiji Kyokai (Class NK) or Bureau Veritas (BV) or American Bureau of Shipping (ABS) type approval certificate which ensures the quality of the product is within international standards.</li> <li>• Available stock must be present during the Post-Qualification phase.</li> </ul> <p><b>V. Warranty</b> The supplier shall provide a <b>minimum of one (1) year warranty</b> on the Brand New Marine Generator Sets and its fast moving spare parts.</p> <p><b>VI. Payment</b> Payment shall be made/process only upon to tests, trials, commissioning of the Brand New Marine Generator Sets prescribed in this Technical Specifications (TS), prior to acceptance by the End-Users.</p>	
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\*\*\*\**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 (6<sup>th</sup> 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

