

SUPPLEMENTAL BID BULLETIN NO.1

Supply, Delivery, and Installation
of One (1) unit 853KVA Generator Set
with MTS and Stainless Day Tank,
Powerhouse, Port of Zamboanga, Zamboanga City

To : All Prospective Contractors
: Members, BAC for Procurement of Goods
: Others Concerned

Relative to the publication of the Bidding Documents for the above project,
please be informed of the following corrected items:

1. Technical Specifications (Minimum Requirements)
2. Bid Form (Form 11)
3. Genset Specification: Built-in Stainless Day Tank at the side of Genset
4. Wiring requirements: 500mcm and 750mcm

Issued this 25th day of August 2017.

THE BIDS AND AWARDS COMMITTEE:

By:

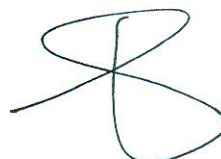


EMILIANO M. ESPARAGUERA, JR.
Chairperson, BAC for Procurement of Goods


Technical Specifications

(Minimum Requirements)

Item	Specification	Statement of Compliance
I	<p>I. SUPPLY & DELIVERY OF ONE (1) NEW 853 KVA GENERATOR SET WITH 2,000 LITERS STAINLESS DAY TANK – 1 unit</p> <p>1.1 Supply and delivery of brand new 853KVA Generator set with 2,000 Liters Stainless Day Tank, Number of Cylinders-12, Cylinder Arrangement - V type, Aspiration-Turbocharged after-water cooling, Prime Rating Power (kW/kVA)-614.4kW/768Kva, Standby Rating Power (kW/kVA)-682.4kW/853Kva, Control Panel-Digital, Electrical Speed governor, Cooling System-Water Cooling Cycle, Phase 3, 1800 Rpm, 480VAC (due to existing power distribution used), Frequency-60Hz, Power Factor - 0.8, Fuel Consumption at 100% load (L/H) -180, Insulation- Class H, Starter Motor-24V, Exciter type -Single bearing, Brushless, Self-excited.</p> <p><i>Special Provisions</i></p> <ol style="list-style-type: none"> <i>1. The Work covered shall include but not limited to all labor, materials, equipment and incidentals necessary for the Supplier/Contractor to furnish/provide diesel electric generating unit with accessories, auxiliary equipment, and associated work as specified and indicated herein.</i> <i>2. The New Equipment shall be compatible with the existing control panel board located at the Powerhouse, Port of Zamboanga, Zamboanga City.</i> <i>3. Provide tank gage with indicator to read the fuel level from empty to full.</i> <i>4. The Generator set shall, as a minimum, be in accordance with the requirements of this specification and shall be the manufacturer's standard commercial product with any added features needed to comply with the requirements. Furnish new materials of high quality which will give long life and reliable operation. Equipment shall not have been in prior service except as required by factory tests. Workmanship shall be of highest quality in every detail.</i> <i>5. Generator set shall consist of a diesel engine connected to an alternating current generator mounted on a concrete platform base and provide with all necessary accessories, auxiliaries, and control equipment resulting in a complete self-contained unit people capable of operation.</i> <i>6. The accessories of the diesel engine to be furnished shall, at least, contain the following: Gauges, thermometer, safety devices, miscellaneous, and other accessories to complete the</i> 	<p>Bidders must "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 the following:</p> <ol style="list-style-type: none"> Original Supplier's factory inspection report, if any; Original copy of the Manufacturer's and/or Supplier's warranty certificate; Original copy of the certificate of origin (for imported Goods), if any; Brochures of the Generator & auxiliary equipment (Generator Set); Tax Receipts from the Bureau of Customs or the BIR, indicating the exact specifications, and or serial number of the equipment procured by the government as proof of payment of all taxes and duties due on the same equipment, supplied or sold to the government (AO) No. 200 dated November 21, 1990 (for imported goods).



	<p>genset.</p> <p>7. Obtain approval from PPA before procurement, fabrication or delivery of items to the job site.</p> <p>8. To provide Brochures of the Generator & auxiliary equipment (Generator with built-in Fuel Day Tank, and MTS in the Technical Bid to check the compliance of the submitted bids against the technical specifications/requirements for the purposes of bid evaluation.</p> <p>9. To provide Tax Receipts from the Bureau of Customs or the BIR, indicating the exact specifications, and or serial number of the equipment procured by the government as proof of payment of all taxes and duties due on the same equipment, supplied or sold to the government (AO) No. 200 dated November 21, 1990 (for imported goods).</p>	<p>Note: 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 provisions of ITB Clause 3.1(a)(ii) and/or GCC Clause 2.1(a)(ii).</p>
II	<p>SUPPLY AND DELIVERY OF MTS – 2 Sets</p> <p>2.1 Supply & delivery of 2 sets Manual Transfer Switch (MTS) complete with accessories, Rated At 2x4000AT, 3Pole, 600/480Volts, Fixed Type, with Emergency Powers complete with Pilot Light and Mechanical Interlock in NEMA-1 Enclosure.</p> <p><i>Special Provision:</i></p> <p>1. To provide brochures of the MTS in the Technical Bid to check the compliance of the submitted bids against the technical specifications/requirements for the purposes of bid evaluation.</p> <p>2. Obtain approval from PPA before procurement, fabrication or delivery of items to the job site.</p> <p>3. Furnish new materials of high quality which will give long life and reliable operation.</p>	<p>Bidders must “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. To submit the following requirements:</p> <p>(i) Attach Brochure of the MTS in the Technical Bid</p> <p>(ii) Original copy of the Manufacturer’s and/or Supplier’s warranty certificate (upon delivery to the site.)</p>



III	<p>WIRINGS FOR INSTALLATION – 1 Lot (30 CD duration)</p> <p><i>Special Provisions:</i></p> <p>1. The Work covered shall include but not limited to all labor, materials, equipment and incidentals necessary for the Supplier/Contractor to furnish/provide wirings for installation.</p> <p>2. All materials shall be new, and shall conform with the latest edition of Philippine Electrical Code, the local utility company and other local enforcing authority. Samples of any material shall be submitted to the Engineer/Representative at the Project Site for approval prior to installation.</p>	<p>Bidders must “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.</p> <p>i) Certificate of Inspection signed by the Engineer/Representative at the Project Site</p>
IV	<p>INSTALLATION/CONCRETE FOUNDATION (0.25m x 3.0m X 10.0m)/OTHER COST (including Load Separation, Wire Terminations, Start-up, and Testing of New Generator set) – 1 Lot (60 CD)</p> <p><i>Special Provisions:</i></p> <p>1. All materials shall be new and shall conform with the latest edition of Philippine Electrical Code, the local utility company and other local enforcing authority. Samples of any material shall be submitted to the Engineer/Representative at the Project Site for approval prior to installation.</p> <p>2. Generator Controls and Instruments shall be suitable for the intended use.</p> <p>3. Applicable Publications Codes like ANSI, ASME, DEMA, IEEE, BPS/PNS shall form part of this specification to the extent referenced. The edition or the revised version of such codes and standards current at the date twenty eight (28) days prior to date of bid submission shall apply.</p> <p>4. The Supplier/Contractor shall submit shop drawings for diesel engine generating unit and auxiliary equipment, Certified Test Reports, provide three (3) sets of operation and maintenance manuals for equipment (identification symbols for all replaceable parts and assemblies shall be included), and safety requirements shall comply with ANSI or with the manufactured recommendation. Drawings shall be a minimum of 210 mm x 297 mm in size or in A3size, except as specified otherwise. Drawings shall include wiring diagrams and installation details indicating the proposed location layout and arrangement, control panels, accessories, and other items that must be shown to assure a coordinated installation.</p> <p>5. Diesel generating unit shall be installed on a concrete foundation as indicated (0.25m x 3.0m x 10.0m). Vibration</p>	<p>Bidders must “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.</p> <p>i) Certificate of Acceptance/Inspection Report signed by the PPA, PMO_Zamboanga’s Representative at the Project Site, and other appropriate requirements or documents prepared specifically for the contract.</p> <p>ii) A3 size shop drawings – 3 sets</p> <p>iii) Operation and Maintenance Manuals – 3 sets</p> <p>iv) Test Results (Factory test, Speed Governing Test, Field Test) – 3 copies each test.</p>



isolators shall be provided to isolated vibrations from the diesel generating unit to the foundations.

6. The following tests shall be performed on the generator set system provided. The Engineer shall be given seven (7) working days notice prior to each test. The Contractor shall provide all test equipment and personnel and submit three (3) copies of all test results.

1. *Factory Tests* -The engine-generator shall be subject to the manufacturer's standard run-in and conditioning tests. Following the run-in tests, the engine-generator set shall be tested at rated speed and voltage for 8 hours of continuous operations with 2 hours each at 50, 74, 100 and 110 percent of rated load, consecutively, 0.8 power factor. The Contractor shall determine generator frequency, phase current, and voltage and record at 15 minute intervals. The Contractor shall tests run on the voltage regulator to determine the variation in terminal voltage under conditions of constant load, and under conditions of abrupt load changes to determine the maximum voltage change during the surging period and the time required.

2. *Speed Governing Test* -Engine speed governing system shall be tested in accordance with ASME PTC26.

3. *Field Tests and Inspections* - The Contractor shall perform all field tests and trial operations, and conduct all field inspections (except final field inspection). The Contractor shall provide all labor, equipment, and incidentals requirements, including water, fuel, and lubricants required for tests. The Contractor shall give ample notice of the dates and times scheduled for tests, trial operations, and inspections which require the presence of the Engineer. All deficiencies found shall be rectified and work affected by such deficiencies shall be completely retested at the Contractor's expense. Field tests shall include the following:

- a. Demonstrate proper operation of all system
- b. Conduct three (3) hour run utilizing Contractor-furnished portable load bank or dummy load as follows:
½ load - one hour
Full load - two hours.

Bid FormDate: _____
Invitation to Bid⁴ N°: _____

To: *LIBERTO C. DELA ROSA*
Port Manager

Gentlemen and/or Ladies:

Having examined the Bidding Documents including Bid Bulletin Numbers *[insert numbers]*, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to Supply, Delivery, and Installation of One (1) unit 853KVA, 3Phase, 60Hz, 480VAC Generator Set complete with accessories & Stainless Day Tank, including Provision of Concrete Platform Genset in conformity with the said Bidding Documents for the sum of _____ *[total Bid amount in words and figures]* in accordance with the Schedule of Prices attached herewith and made part of this Bid.

We undertake, if our Bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.

If our Bid is accepted, we undertake to provide a performance security in the form, amounts, and within the times specified in the Bidding Documents.

We agree to abide by this Bid for the Bid Validity Period of One Hundred Twenty (120) Calendar Days and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:⁵

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and Notice of Award, shall be binding upon us.

We understand that you are not bound to accept the Lowest Calculated Bid or any Bid you may receive.

We certify/confirm that we comply with the eligibility requirements as per **ITB** Clause 5 of the Bidding Documents.

We likewise certify/confirm that the undersigned, *[for sole proprietorships, insert: as the owner and sole proprietor or authorized representative of Name of Bidder, has the full power and authority to participate, submit the bid, and to sign and execute the ensuing*

⁴ If ADB, JICA and WB funded projects, use IFB.

⁵ Applicable only if the Funding Source is the ADB, JICA or WB.



contract, on the latter's behalf for the said project of the PPA, PMO-Zamboanga. *[for partnerships, corporations, cooperatives, or joint ventures, insert: is granted full power and authority by the Name of Bidder, to participate, submit the bid, and to sign and execute the ensuing contract on the latter's behalf for Name of Project of the Name of the Procuring Entity].*

We acknowledge that failure to sign each and every page of this Bid Form, including the attached Schedule of Prices, shall be a ground for the rejection of our bid.

Dated this _____ day of _____ 20_____.

[signature]

[in the capacity of]

Duly authorized to sign Bid for and on behalf of _____

