



INVITATION TO BID FOR **Other Property, Plant and Equipment**

(Name of Project)

1. The CITY GOVERNMENT OF ZAMBOANGA, through the **Annual Budget FY 2019** intends to apply the sum of **TWENTY TWO MILLION PESOS ONLY (P22,000,000.00)** being the Approved Budget for the Contract (ABC) to payments under the contract for **Other Property, Plant and Equipment (PR No. 100-23-09-1864)**. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The CITY GOVERNMENT OF ZAMBOANGA now invites bids for the **10 Units Generator Set, etc.** Delivery of the GOODS is required by **Sixty (60) Calendar Days**. Bidders should have completed within a period of ten (10) years from the date of submission and receipt of bids, a contract similar to the Project, with a value of at least (50%) of the ABC and to meet other eligibility requirements stated in the Eligibility Documents. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary "pass/fail" criterion as specified in the 2016 Revised Implementing Rules and Regulations (IRR) of Republic Act (RA) 9184.
Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA 5183.
4. Prospective Bidders may obtain further information from CITY GOVERNMENT OF ZAMBOANGA in the Office of the City Mayor-Procurement, Acquisition and Awards Division (CMO-PAAD) and inspect the Bidding Documents at the address given below during 8:00 AM to 5:00 PM.
5. A complete set of Bidding Documents may be acquired by interested Bidders on **November 23, 2023 to December 13, 2023** from the given address and website/s below and upon payment of a non-refundable fee for the Bidding Documents, pursuant to the latest guidelines issued by the GPPB, in the amount of **P15,000.00**. The method of payment will be **Cash payable to the City Treasurer's Office**. The Bidding Documents shall be received personally by the Prospective Bidder or his/her authorized representative. The Procuring Entity shall allow the bidder to present its proof of payment for the fees "machine copy of the official receipt" not later than the submission of their bids.
6. The CITY GOVERNMENT OF ZAMBOANGA will hold a Pre-bid Conference on **December 01, 2023 at 10:00 AM** at Office of the City Mayor - Procurement, Acquisition and Awards Division (CMO-PAAD), Conference Room, Villalobos St., Zamboanga City, which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat through manual submission on or before **December 13, 2023 at 10:00 AM** at Office of the City Mayor - Procurement, Acquisition and Awards Division (CMO-PAAD), Conference Room, Villalobos St., Zamboanga City. Late bids shall not be accepted.
8. All Bids must be accompanied by a Bid Security in any of the acceptable forms and in the amount stated in ITB Clause 14.
9. All Bids must be accompanied by a Bid Security which shall be a **Bid Securing Declaration** or at least one other form of the following: cash, cashier's/manager's check, bank draft/guarantee confirmed by a Universal/Commercial Bank, Irrevocable Letter of Credit issued by a Universal/Commercial Bank or from other bank certified by the Bangko Sentral ng Pilipinas as authorized to issue such financial instrument, provided however that it shall be confirmed or authenticated by a Universal/Commercial Bank if issued by a foreign bank in the amount of **P440,000.00** or Surety Bond callable upon demand issued by a Surety or Insurance Company duly certified by the Insurance Commission as authorized to issue such security in the amount of **P1,100,000.00** or any combination of the foregoing in the amount proportionate to share of form with respect to total amount of security.
The Bid Security shall be denominated in Philippine Pesos and posted in favor of the Procuring Entity.
Bidders are required to indicate the BRAND NAME and/or NAME OF MANUFACTURER of GOODS offered/quoted, when appropriate.
10. Bid opening shall be on **December 13, 2023 at 10:00 AM** at Office of the City Mayor - Procurement, Acquisition and Awards Division (CMO-PAAD), Conference Room, Villalobos St., Zamboanga City. Bids will be opened in the presence of the bidder's representatives who choose to attend the activity.
11. To be delivered in the **Office of the City Mayor**
12. The CITY GOVERNMENT OF ZAMBOANGA reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Section 35.6 and 41 of the 2016 revised Implementing Rules or Regulations (IRR) of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
13. Bidders are advised to use the **BID FORM** at the back of this ITB. Failure to do so would lead to non-acceptance of the bid.
14. For Further information please refer to:



BID FORM

Date: _____

TO: CITY GOVERNMENT OF ZAMBOANGA
 Address: Villalobos Street ZAMBOANGA CITY

Having examined the Philippine Bidding Documents (PBDs) including the Supplemental or Bid Bulletin Numbers including Bid Bulletin Numbers **Goods 23-1123-0199** the receipt of which is hereby duly acknowledge, we, the undersigned, offer to supply/deliver/perform **Other Property, Plant and Equipment** in conformity with the said Philippine Bidding Documents (PBDs) for the sum of

_____ (total Bid amount in words and figures)

or the total calculated bid price, as evaluated and corrected for computational errors, and other bid modifications in accordance with the Price Schedules attached herewith and made part of this Bid. The total bid price includes the cost of all taxes, such as, but not limited to: *[specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax' (iii) local taxes, and (iv) other fiscal levies and duties]*, which are itemized herein or in the Price Schedules,

if our Bid is accepted, we undertake:

- a. To deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements of the Philippine Bidding Documents (PBDs);
- b. To provide a performance security in the form, amounts, and within the times prescribed in the PBDs;
- c. To abide by the Bid Validity Period specified in the PBDs and it shall remain binding upon as at any time before the expiration of that period.

[Insert this paragraph if Foreign-Assisted Project with the Development Partner:

Commissions or gratuities, if any, paid, 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:

Name and address Amount and Purpose of agent Currency Commission or gratuity

(if none, state "None")]

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your 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 pursuant to the PBDs.

The undersigned is authorized to submit the bid on behalf of _____
 (name of bidder)

as evidenced by the attached _____
 (state the written authority)

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.

Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____

Date: _____

PRICE SCHEDULE FOR GOODS

Name of Bidder _____ Solicitation No.: **Goods 23-1123-0199** Page 1 of 6

1	2	3	4		5	6	7	8	9	10
Item	Description	Country of origin	Quantity		Unit price EXW per item	Transportation and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (Col 5+6+7+8)	Total Price delivered Final Destination (Col.9) x (col 4)
1.	Generator Set Estimated Cost: P15,000,000.00		10	units						
<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>Brand New Water Cooled Diesel Engine, Brushless Alternators (Class H, with AVR), Base Frame Fuel Tank for continue 8-20 hours running, , digital control panel with auto full protection, MCCB air circuit breaker with safety protection,</p> <p>General Specifications: Power (KVA): PRP-50 kva, ESP-55 kva Power (kW): PRP-40 kw, ESP-44 kw Rated Speed (r.p.m.): 1800 Rated Outlet: 3 phase 220/127V 60Hz Rated Power Factor: 0.8 @ lagging Rated Current: 131 Amps</p> <p>Performance Data: Alternator: VG-224D/40kW Control System: AMF digital panel 6120N Start Battery: 2x12V/60Ah Breaker: MCCB 3P 160A Fuel Consumption: @ 100% load: 14.9 L/h or 251 g/kW.h</p> <p>Dimensions: Type: Soundproof Length (L): 2150 mm Width (W): 920 mm Height (H): 1200 mm Net Weight: 950 kg Fuel Tank (L): 100 L</p> <p>Engine/Motor Specification: Type: In Line Pump, water cooling, 4 stroke, 4 cylinder Rated Output Power: 50kW @ 1800RPM Max RPM, off load: ≤ 1875RPM</p> </div> <div style="width: 48%;"> <p>Low Idling Speed: ≤ 600RPM Bore x stroke (mm): 102*115 Compression Ratio: 16:1 Displacement: 3.76L Fire Order: 1-3-4-2 Oil Capacity: 14L Coolant Capacity: 6.8L Air Intake System: turbocharged Fuel Consumption: 14.9 L/h (100%), 11.6 L/h (75%), 8.3 L/h (50%) Oil Consumption: ≤2.04g/kw.h Mean effective pressure: 1067 kPa Starter: 24V DC Fuel pump: Mechanical Cooling system: 50 °C ambient radiator Exhaust gas temperature: ≤ 540 °C</p> <p>Alternator Specification: Rated Power: 40kw @ 1800 RPM Power Factor (cos Ø): 0.8 Efficiency: 93.7% Insulation System: Class H Protection :IP23 Stator Length: 160mm Rotor: Single Bearing Winding Connections (Standard): Star/Y, 4 wires Excitation System: Self-excited Voltage Regualator: A.V.R. Sx460 Maximum Overspeed: 2250 Rev/Min Altitude: ≤ 1000m</p> </div> </div>										
<p>Purpose: For official use in the Office of the City Mayor, this city.</p>										

Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____

Date: _____

PRICE SCHEDULE FOR GOODS

Name of Bidder _____ Solicitation No.: **Goods 23-1123-0199** Page 2 of 6

1	2	3	4	5	6	7	8	9	10
Item	Description	Country of origin	Quantity	Unit price EXW per item	Transportation and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (Col 5+6+7+8)	Total Price delivered Final Destination (Col.9) x (col 4)
	Voltage Stabilized Regulation: $\leq \pm 1.5\%$ Voltage Instantaneous Regulation: $C \pm 20\%$ Voltage Recovery Time (s): ≤ 1 Voltage Fluctuation Ratio: $\leq 1\%$ Voltage Wave Aberration ratio: $\leq 5\%$ Frequency Stabilized Regulation: $\leq 1\%$ (adjustable) Frequency Instantaneous Regulation: 10% - 12% Frequency Fluctuation ratio: $\leq 1\%$ Control Panel: Control Module Features: AMF (Automatic Mains Failure Module) STOP/RESET-MANUAL-AUTO-TEST-START Metering Via LCD Display: Generator Volts (L-L/L-N); mains volts (L-L/L-N); Generator Amps (L1, L2, L3); Generator (kVA and kW); Generator Frequency; Generator (cos); Engine Hours Run; Start battery Volts; Engine oil pressure (psi and bar); Engine speed (rpm); Fuel tank Capacity level; Engine Temperature ($^{\circ}C$) Automatic Shutdown and Fault Conditions: Under/Over Speed: fail to start High Engine Temperature: Fail to stop Low oil pressure: Charge fail Under/Over generator volts; over current Under/Over generator frequency; emergency stop				Under/Over mains frequency Under/Over mains voltage Low/High Battery Volts Canopy and Steel Base Ventilation parts are designed with modular principles Soundproof and lined with sound reducing foam All metal canopy parts are painted by powder paint Panel Window Emergency Stop button Lockable doors on front and back Easy maintenance and operation Easy Lifting and Moving Exterior emergency stop push button Steel Chassis and anti-vibration pads Base Frame Design incorporates an integral fuel tank The generator can be lifted or pushed/pulled by the base frame carefully Includes Diesel Level Sensor Information to the Controller				
Purpose: For official use in the Office of the City Mayor , this city.									

Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____

Date: _____

PRICE SCHEDULE FOR GOODS

Name of Bidder _____ Solicitation No.: **Goods 23-1123-0199** Page 3 of 6

1	2	3	4		5	6	7	8	9	10
Item	Description	Country of origin	Quantity		Unit price EXW per item	Transportation and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (Col 5+6+7+8)	Total Price delivered Final Destination (Col.9) x (col 4)
2.	Generator Set Estimated Cost: P1,500,000.00		1	set						
<p>Brand New Water Cooled Diesel Engine, Brushless Alternators (Class H, with AVR), Base Frame Fuel Tank for continue 8-10 hours running, , digital control panel with auto full protection, MCCB air circuit breaker with safety protection,</p> <p>Geneal Specifications: Power (KVA): PRP-25 kva, ESP-27.5 kva Power (kW): PRP-20 kw, ESP-22 kw Rated Speed (r.p.m.): 1800 Rated Outlet: 3 220V 60Hz Rated Power Factor: 0.8 @ lagging Rated Current: 65.6 Amps</p> <p>Performance Data: Alternator: VG-184E Control System: SmartGen HGM6120N Start Battery: 2pcs 12V/60Ah Breaker: MCCB 3P 100A Fuel Consumption: @ 75% load: 6.8 L/h or 238 g/kW.h</p> <p>Dimensions: Type: Trailer Length (L): 3100 mm Width (W): 1700 mm Height (H): 1900 mm Net Weight: 1200 kg Fuel Tank (L): 80 L</p> <p>Engine/Motor Specification: Type: In Line Pump, 4 stroke, 4 cylinder Displacement: 3.9L Bore x stroke (mm): 102*120</p> <p style="text-align: right;">Compression Ratio: 18.0:1 Arrangement: 1800RPM Rated Output/Speed: 30 kw Standby Output/Speed: 33 kw Fuel System: Electronic Governor Governor Regulation: ≤ 5%</p> <p>General Engine Data: Engine Weight (wet): 308kg Engine Idle Speed: 950-1050 RPM Fire Order: 1-3-4-2</p> <p>Exhaust System: Maximum Back Pressure: 10kPa</p> <p>Air Intake System: Maximum Intake Air Restriction with Heavy Duty Air Cleaner Dirty Element: 6 kPa Clean Element: 4 kPa</p> <p>Lubrication System: Engine Oil Pressure for Engine Protection Devices Idle Speed (Minimum): 207 kPa Governed Speed (Maximum): 345 kPa Maximum Oil Temperature: 121 °C Minimum Required Lube System Capacity: 10.9L</p> <p>Fuel System Type Injection System: BYC A Direct Injection Maximum Restriction at Lift Pump: 13.6 kPa Maximum Fuel Inlet Temperature: 70 °C Total Drain Flow (constant for all loads): 30L</p>										
<p>Purpose: For official use in the Office of the City Mayor, this city.</p>										

Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____

Date: _____

PRICE SCHEDULE FOR GOODS

Name of Bidder _____ Solicitation No.: **Goods 23-1123-0199** Page 4 of 6

1	2	3	4	5	6	7	8	9	10					
Item	Description	Country of origin	Quantity	Unit price EXW per item	Transportation and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (Col 5+6+7+8)	Total Price delivered Final Destination (Col.9) x (col 4)					
	<p>Cooling System: Coolant Capacity – Engine Only: 7.2 L Maximum Coolant Friction Head External to Engine: 35 kPa Standard thermostat (modulating) Range: 82-95 °C Minimum Pressure Cap: 69 kPa Maximum Top Tank Temperature for standby/Prime Power: 104/100 °C</p> <p>Electrical System: Cranking Motor: 24V Battery Charging System: 40A Minimum Recommended Battery Capacity: 60A</p> <p>Alternator Specification: Rated Power: 20kw @1800RPM Winding: 100% Copper Power Factor (cos Ø): 0.8 Insulation System: Class H Protection: IP23 Efficiency: 91.7% Winding Connections (Standard): Star/Y Stator Length: 190 mm Winding Pitch: Two Thirds Winding leads: 12 Excitation System: Self-excited Coating: Vacuum Impregnation Voltage Regulator: A.V.R. Sx460 Weight: 230kg Voltage Stabilized Regulation: ≤± 0.5% Voltage Instantaneous Regulation: ≤± 20% Voltage Recovery Time: ≤1S Voltage Fluctuation Ratio: ≤ 1% Voltage Wave Aberration ratio: ≤5% Frequency Stabilized Regulation: ≤1% (adjustable) Frequency Instantaneous Regulation: -10% ~ 12%</p>				<p>Frequency Fluctuation ratio: ≤1%</p> <p>Control Panel: Control Module Features: AMF (Automatic Mains Failure Module) STOP/RESET-MANUAL-AUTO-TEST-START</p> <p>Metering Via LCD Display: Generator Volts (L-L/L-N); mains volts (L-L/L-N); Generator Amps (L1, L2,L3); Generator (kVA and kW); Generator Frequency; Generator (cos); Engine Hours Run; Start Battery Volts; Engine oil pressure (psi and bar); Engine speed (rpm); Fuel tank Capacity level; Engine Temperature (*C)</p> <p>Automatic Shutdown and Fault Conditions: Under/Over Speed: fail to start High Engine Temperature: fail to stop Low oil pressure; charge fail Under/Over generator volts; over current Under/Over generator frequency; emergency stop Under/Over mains frequency Under/Over mains voltage Low/High Battery Volt</p> <p>Canopy and Steel Base Ventilation parts are designed with modular principles Soundproof and lined with sound reducing foam All metal canopy parts are painted by powder paint Panel Window Lockable doors on front and back Easy maintenance and operation Easy Lifting and Moving Exterior emergency stop push button Steel Chassis and anti-vibration pads Base frame Design incorporates an integral fuel tank The generator can be lifted or pushed/pulled by the base frame carefully Includes Diesel Level Sensor Information to the Controller</p>									
<p>Purpose: For official use in the Office of the City Mayor, this city.</p>														

Name: _____
 Legal Capacity: _____
 Signature: _____
 Duly authorized to sign the Bid for and behalf of: _____
 Date: _____

PRICE SCHEDULE FOR GOODS

Name of Bidder _____ Solicitation No.: **Goods 23-1123-0199** Page 5 of 6

1	2	3	4		5	6	7	8	9	10
Item	Description	Country of origin	Quantity		Unit price EXW per item	Transportation and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (Col 5+6+7+8)	Total Price delivered Final Destination (Col.9) x (col 4)
3..	Mobile Generator Estimated Cost: P3,000,000.00		1	set						
<p>Strong power, high torque, easy to maintain, easy to start; Low noise, low emissions; Cabinet made of high quality sheet metal, corrosion-resistant, scratch-resistant; Canopy sealing performance, high waterproof, dust-proof, rain, dust and other difficult to access; Omni-directional control, easy connection and simple; Cranes, fork, pull, drag. easy transportation; >8-hour fuel tanks; Soundproof type with 50 °C radiator</p> <p>Ratings at 0.8 power factor</p> <ol style="list-style-type: none"> 1) Ambient reference conditions: 1,000 mbar, 27°C, 30% relative humidity 2) Standby Power Standby duty, operation under variable load, without over load ; 3) Prime Power-Continuous duty operation, under variable load 24/24h-10% over Load permissible 1 hour/12 hours <p>Output Ratings: Three-Phase, 60 Hz, 1800 RPM Output @ Prime Power: 200kVa/160kW Output @ Standby Power: 220kVa/176 kW Voltage @ Prime Power: 220V, 525A Voltage @ Standby Power: 440V, 289A</p> <p>Performance Data: Control System: SmartGen HGM6120 Standard Noise Level@7m (Soundproof Sets): 80dBA Circuit Breaker Type: 3 Pole MCCB Tank (L): 350L Fuel Consumption (l/hr): 110% Load: 46 100% Load: 42 75% Load: 33 50% Load: 22 Dimension and Weight: Length (mm): 3600 Width (mm): 1150 Height (mm): 1950 Weight (kg):2500</p>					<p>Engine Specifications: No. of Cylinders/Alignment: 6/ In line Cycle: 4 Stroke Bore/Stroke: 126X130mm Induction: TC Cooling Method: Water Lubricant Oil Capacity (L): 23 Gross Engine Power (kW): @ Prime: 216 kW/294 Hp @ Standby: 238 kW/324 Hp</p> <p>Comprssion Ratio: 15.5:1 Displacement (L): 9.7 Governing Type: Electronic Net Weight (kg): 496 Coolant Capacity (L): 32.6</p> <p>Alternator Specifications: Rated Capacity (kVA): 200 Rated Power (kW): 160 THF(BS EN60034 - 1): <2% Bearing Number: Single Windings: 100% Copper Silicon Steel Core Processing: One Piece Punching Insulation Class: H Winding Pitch: 2/3 Amortisseur Winding: Full A.V.R. Model: SX460 Voltage Regulation (no load-full load): =1.0% Underspeed Protection: Standard Protection: IP23 Phase Sequence: A(U), B(V), C(W) TIF(NEMA MG 1-22): <50</p>					
<p>Purpose: For official use in the Office of the City Mayor, this city.</p>										

Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____

Date: _____

PRICE SCHEDULE FOR GOODS

Name of Bidder _____ Solicitation No.: **Goods 23-1123-0199** Page 6 of 6

1	2	3	4	5	6	7	8	9	10
Item	Description	Country of origin	Quantity	Unit price EXW per item	Transportation and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (Col 5+6+7+8)	Total Price delivered Final Destination (Col.9) x (col 4)
	Excitation System: Self-excited, SHUNT Ambient Temperature: 50°C Stator Rated Temperature: 125°C Control System: Monitoring engine speed, oil pressure, coolant temperature, frequency, voltage, current, power and fuel level, the modules will give comprehensive engine and alternator protection. This will be indicated on the largest back-lit LCD icon display in its class via an array of warning, electrical trip and shutdown alarms. System alarms are annunciated on the LCD screen (multiple language options available), illuminated LED and audible sounder. WITH TWO WHEELS TRAILER								
4.	Portable Tower Light with Trailer and Generator Estimated Cost: P2,000,000.00		4	units					
	Specifications: Dimensions: Size: 2180-1130-2700mm (L-W-H) Full Extending Height: 7m Gross Weight: 550kg Engine: Speed (rpm): 3000 Engine Characteristics: 4 stroke, Air-Cooled Diesel, Single Cylinder Combustion System: Direct Injection Engine Aspiration: Naturally Aspirated Alternator: Standard Configuration: Brush, 100% copper Frequency (Hz): 50/60 Rating Voltage (50/60 Hz): 230/240 – 120 VAC Alternator insulation: Class H Alternator Protection Grade: IP23 Mast & Lights: Types of Lights: 4 x 1000 Watt Metal Halide Lamps Lampshade type: Round Luminous Flux: 110000 LM/light Mast Lifting: Manually								
	Winch type: High Capacity Durable Auto Break Winch Rotation deg.: 350 degree Rotatable Mast Max Towing Speed: 40km/h Trailer: Trailer Type: Leaf Springs & Single axle without tail reflector light Traction trolley: A Style tow frame with supporting jack Stabilizing legs & number: 4 pcs extendable bar with manually retractable jacks Wheel's rim sizes and tires: 13" rim with regular tires Sockets: 2 pcs waterproof socket plug Additional Features: Fuel Tank Capacity: 40 L Operating Hours with Full Fuel: 20 houyrs Control panel: Parameters with low oil pressure and over heat protection Generator Canopy: Stamping steel plate with anti rust painting Generator Starting type or controller: Key Starting Noise Level: 77 dB(A) at 7 meters away								
Purpose: For official use in the Office of the City Mayor , this city.									

Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____

Date: _____

SCHEDULE OF REQUIREMENTS

The delivery schedule expressed as days/weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

<i>Item Number</i>	<i>Description</i>	<i>Quantity</i>		<i>Total</i>	<i>Delivered, Days/Weeks/Months</i>
1.	<p>Generator Set Estimated Cost: P15,000,000.00</p>	10	units		
	<p>Brand New Water Cooled Diesel Engine, Brushless Alternators (Class H, with AVR), Base Frame Fuel Tank for continue 8-20 hours running, , digital control panel with auto full protection, MCCB air circuit breaker with safety protection, General Specifications: Power (KVA): PRP-50 kva, ESP-55 kva Power (kW): PRP-40 kw, ESP-44 kw Rated Speed (r.p.m.): 1800 Rated Outlet: 3 phase 220/127V 60Hz Rated Power Factor: 0.8 @ lagging Rated Current: 131 Amps Performance Data: Alternator: VG-224D/40kW Control System: AMF digital panel 6120N Start Battery: 2x12V/60Ah Breaker: MCCB 3P 160A Fuel Consumption: @ 100% load: 14.9 L/h or 251 g/kW.h Dimensions: Type: Soundproof Length (L): 2150 mm Width (W): 920 mm Height (H): 1200 mm Net Weight: 950 kg Fuel Tank (L): 100 L Engine/Motor Specification: Type: In Line Pump, water cooling, 4 stroke, 4 cylinder Rated Output Power: 50kW @ 1800RPM Max RPM, off load: ≤ 1875RPM Low Idling Speed: ≤ 600RPM Bore x stroke (mm): 102*115 Compression Ratio: 16:1 Displacement: 3.76L Fire Order: 1-3-4-2 Oil Capacity: 14L Coolant Capacity: 6.8L Air Intake System: turbocharged Fuel Consumption: 14.9 L/h (100%), 11.6 L/h (75%), 8.3 L/h (50%) Oil Consumption: ≤2.04g/kw.h Mean effective pressure: 1067 kPa Starter: 24V DC Fuel pump: Mechanical Cooling system: 50 °C ambient radiator Exhaust gas temperature: ≤ 540 °C Alternator Specification: Rated Power: 40kw @ 1800 RPM Power Factor (cos Ø): 0.8 Efficiency: 93.7% Insulation System: Class H Protection :IP23 Stator Length: 160mm Rotor: Single Bearing Winding Connections (Standard): Star/Y, 4 wires Excitation System: Self-excited Voltage Regualator: A.V.R. Sx460 Maximum Overspeed: 2250 Rev/Min Altitude: ≤ 1000m Voltage Stabillized Regulation: ≤± 1.5% Voltage Instantaneous Regulation: C± 20% Voltage Recovery Time (s): ≤1 Voltage Fluctuation Ratio: ≤1% Voltage Wave Aberration ratio: ≤5% Frequence Stabilized Regulation: ≤1% (adjustable) Frequence Instantaneous Regulation: 10% - 12% Frequence Fluctuation ratio: ≤1% Control Panel:</p>				

	<p>Control Module Features: AMF (Automatic Mains Failure Module) STOP/RESET-MANUAL-AUTO-TEST-START Metering Via LCD Display: Generator Volts (L-L/L-N); mains volts (L-L/L-N); Generator Amps (L1, L2, L3); Generator (kVA and kW): Generator Frequency; Generator (cos); Engine Hours Run; Start battery Volts; Engine oil pressure (psi and bar); Engine speed (rpm); Fuel tank Capacity level; Engine Temperature (°C) Automatic Shutdown and Fault Conditions: Under/Over Speed: fail to start High Engine Temperature: Fail to stop Low oil pressure: Charge fail Under/Over generator volts; over current Under/Over generator frequency; emergency stop Under/Over mains frequency Under/Over mains voltage Low/High Battery Volts Canopy and Steel Base Ventilation parts are designed with modular principles Soundproof and lined with sound reducing foam All metal canopy parts are painted by powder paint Panel Window Emergency Stop button Lockable doors on front and back Easy maintenance and operation Easy Lifting and Moving Exterior emergency stop push button Steel Chassis and anti-vibration pads Base Frame Design incorporates an integral fuel tank The generator can be lifted or pushed/pulled by the base frame carefully Includes Diesel Level Sensor Information to the Controller</p>				
2.	<p>Generator Set Estimated Cost: P2,000,000.00</p>	1	set		
	<p>Brand New Water Cooled Diesel Engine, Brushless Alternators (Class H, with AVR), Base Frame Fuel Tank for continue 8-10 hours running, , digital control panel with auto full protection, MCCB air circuit breaker with safety protection, General Specifications: Power (KVA): PRP-25 kva, ESP-27.5 kva Power (kW): PRP-20 kw, ESP-22 kw Rated Speed (r.p.m.): 1800 Rated Outlet: 3 220V 60Hz Rated Power Factor: 0.8 @ lagging Rated Current: 65.6 Amps Performance Data: Alternator: VG-184E Control System: SmartGen HGM6120N Start Battery: 2pcs 12V/60Ah Breaker: MCCB 3P 100A Fuel Consumption: @ 75% load: 6.8 L/h or 238 g/kW.h Dimensions: Type: Trailer Length (L): 3100 mm Width (W): 1700 mm Height (H): 1900 mm Net Weight: 1200 kg Fuel Tank (L): 80 L Engine/Motor Specification: Type: In Line Pump, 4 stroke, 4 cylinder Displacement: 3.9L Bore x stroke (mm): 102*120 Compression Ratio: 18.0:1 Arrangement:1800RPM Rated Output/Speed: 30 kw Standby Output/Speed: 33 kw Fuel System: Electronic Governor Governor Regulation: ≤ 5% General Engine Data: Engine Weight (wet): 308kg Engine Idle Speed: 950-1050 RPM Fire Order: 1-3-4-2</p>				

Exhaust System:
Maximum Back Pressure: 10kPa

Air Intake System:
Maximum Intake Air Restriction with Heavy Duty Air Cleaner
Dirty Element: 6 kPa
Clean Element: 4 kPa

Lubrication System:
Engine Oil Pressure for Engine Protection Devices
Idle Speed (Minimum): 207 kPa
Governed Speed (Maximum): 345 kPa
Maximum Oil Temperature: 121 °C
Minimum Required Lube System Capacity: 10.9L

Fuel System
Type Injection System: BYC A Direct Injection
Maximum Restriction at Lift Pump: 13.6 kPa
Maximum Fuel Inlet Temperature: 70 °C
Total Drain Flow (constant for all loads): 30L

Cooling System:
Coolant Capacity – Engine Only: 7.2 L
Maximum Coolant Friction Head External to Engine: 35 kPa
Standard thermostat (modulating) Range: 82-95 °C
Minimum Pressure Cap: 69 kPa
Maximum Top Tank Temperature for standby/Prime Power: 104/100 °C

Electrical System:
Cranking Motor: 24V
Battery Charging System: 40A
Minimum Recommended Battery Capacity: 60A

Alternator Specification:
Rated Power: 20kw @1800RPM
Winding: 100% Copper
Power Factor (cos Ø): 0.8
Insulation System: Class H
Protection: IP23
Efficiency: 91.7%
Winding Connections (Standard): Star/Y
Stator Length: 190 mm
Winding Pitch: Two Thirds
Winding leads: 12
Excitation System: Self-excited
Coating: Vacuum Impregnation
Voltage Regulator: A.V.R. Sx460
Weight: 230kg
Voltage Stabilized Regulation: $\leq \pm 0.5\%$
Voltage Instantaneous Regulation: $\leq \pm 20\%$
Voltage Recovery Time: $\leq 1S$
Voltage Fluctuation Ratio: $\leq 1\%$
Voltage Wave Aberration ratio: $\leq 5\%$
Frequency Stabilized Regulation: $\leq 1\%$ (adjustable)
Frequency Instantaneous Regulation: -10% ~ 12%
Frequency Fluctuation ratio: $\leq 1\%$

Control Panel:
Control Module Features:
AMF (Automatic Mains Failure Module)
STOP/RESET-MANUAL-AUTO-TEST-START

Metering Via LCD Display:
Generator Volts (L-L/L-N); mains volrs (L-L/L-N);
Generator Amps (L1, L2,L3);
Generator (kVA and kW); Generator Frequency;
Generator (cos); Engine Hours Run;
Start Battery Volts; Engine oil pressure (psi and bar); Engine speed (rpm); Fuel tank Capacity level;
Engine Temperature (*C)

Automatic Shutdown and Fault Conditions:
Under/Over Speed: fail to start
High Engine Temperature: fail to stop
Low oil pressure; charge fail
Under/Over generator volts; over current
Under/Over generator frequency; emergency stop
Under/Over mains frequency
Under/Over mains voltage
Low/High Battery Volt

Canopy and Steel Base
Ventilation parts are designed with modular principles

	<p>Soundproof and lined with sound reducing foam All metal canopy parts are painted by powder paint Panel Window Lockable doors on front and back Easy maintenance and operation Easy Lifting and Moving Exterior emergency stop push button Steel Chassis and anti-vibration pads Base frame Design incorporates an integral fuel tank The generator can be lifted or pushed/pulled by the base frame carefully Includes Diesel Level Sensor Information to the Controller</p>			
3.	<p>Mobile Generator Estimated Cost: P3,000,000.00</p>	1	set	
	<p>Strong power, high torque, easy to maintain, easy to start; Low noise, low emissions; Cabinet made of high quality sheet metal, corrosion-resistant, scratch-resistant; Canopy sealing performance, high waterproof, dust-proof, rain, dust and other difficult to access; Omni-directional control, easy connection and simple; Cranes, fork, pull, drag. easy transportation; >8-hour fuel tanks; Soundproof type with 50 °C radiator</p> <p>Ratings at 0.8 power factor</p> <ol style="list-style-type: none"> 1) Ambient reference conditions: 1,000 mbar, 27°C, 30% relative humidity 2) Standby Power Standby duty, operation under variable load, without over load ; 3) Prime Power-Continuous duty operation, under variable load 24/24h-10% over Load permissible 1 hour/12 hours <p>Output Ratings: Three-Phase, 60 Hz, 1800 RPM Output @ Prime Power: 200kVa/160kW Output @ Standby Power: 220kVa/176 kW Voltage @ Prime Power: 220V, 525A Voltage @ Standby Power: 440V, 289A</p> <p>Performance Data: Control System: SmartGen HGM6120 Standard Noise Level@7m (Soundproof Sets): 80dBA Circuit Breaker Type: 3 Pole MCCB Tank (L): 350L Fuel Consumption (l/hr): 110% Load: 46 100% Load: 42 75% Load: 33 50% Load: 22</p> <p>Dimension and Weight: Length (mm): 3600 Width (mm): 1150 Height (mm): 1950 Weight (kg):2500</p> <p>Engine Specifications: No. of Cylinders/Alignment: 6/ In line Cycle: 4 Stroke Bore/Stroke: 126X130mm Induction: TC Cooling Method: Water Lubricant Oil Capacity (L): 23 Gross Engine Power (kW): @ Prime: 216 kW/294 Hp @ Standby: 238 kW/324 Hp</p> <p>Comprssion Ratio: 15.5:1 Displacement (L): 9.7 Governing Type: Electronic Net Weight (kg): 496 Coolant Capacity (L): 32.6</p> <p>Alternator Specifications: Rated Capacity (kVA): 200 Rated Power (kW): 160 THF(BS EN60034 - 1): <2% Bearing Number: Single Windings: 100% Copper Silicon Steel Core Processing: One Piece Punching Insulation Class: H Winding Pitch: 2/3 Amortisseur Winding: Full A.V.R. Model: SX460 Voltage Regulation (no load-full load): =1.0% Underspeed Protection: Standard</p>			

	<p>Protection: IP23 Phase Sequence: A(U), B(V), C(W) TIF(NEMA MG 1-22): <50 Excitation System: Self-excited, SHUNT Ambient Temperature: 50°C Stator Rated Temperature: 125°C Control System: Monitoring engine speed, oil pressure, coolant temperature, frequency, voltage, current, power and fuel level, the modules will give comprehensive engine and alternator protection. This will be indicated on the largest back-lit LCD icon display in its class via an array of warning, electrical trip and shutdown alarms. System alarms are annunciated on the LCD screen (multiple language options available), illuminated LED and audible sounder.</p> <p>WITH TWO WHEELS TRAILER</p>			
4.	<p>Portable Tower Light with Trailer and Generator Estimated Cost: P2,000,000.00</p>	4	units	
	<p>Specifications: Dimensions: Size: 2180-1130-2700mm (L-W-H) Full Extending Height: 7m Gross Weight: 550kg Engine: Speed (rpm): 3000 Engine Characteristics: 4 stroke, Air-Cooled Diesel, Single Cylinder Combustion System: Direct Injection Engine Aspiration: Naturally Aspirated Alternator: Standard Configuration: Brush, 100% copper Frequency (Hz): 50/60 Rating Voltage (50/60 Hz): 230/240 – 120 VAC Alternator insulation: Class H Alternator Protection Grade: IP23 Mast & Lights: Types of Lights: 4 x 1000 Watt Metal Halide Lamps Lampshade type: Round Luminous Flux: 110000 LM/light Mast Lifting: Manually Winch type: High Capacity Durable Auto Break Winch Rotation deg.: 350 degree Rotatable Mast Max Towing Speed: 40km/h Trailer: Trailer Type: Leaf Springs & Single axle without tail reflector light Traction trolley: A Style tow frame with supporting jack Stabilizing legs & number: 4 pcs extendable bar with manually retractable jacks Wheel's rim sizes and tires: 13" rim with regular tires Sockets: 2 pcs waterproof socket plug Additional Features: Fuel Tank Capacity: 40 L Operating Hours with Full Fuel: 20 houyrs Control panel: Parameters with low oil pressure and over heat protection Generator Canopy: Stamping steel plate with anti rust painting Generator Starting type or controller: Key Starting Noise Level: 77 dB(A) at 7 meters away</p>			

Signature over Printed Name

TECHNICAL SPECIFICATIONS

Item	Specification	BRAND NAME	Statement of Compliance Statement of Compliance
1.	<p>Generator Set Estimated Cost: P15,000,000.00</p>		<p>[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.]</p>
	<p>Brand New Water Cooled Diesel Engine, Brushless Alternators (Class H, with AVR), Base Frame Fuel Tank for continue 8-20 hours running, , digital control panel with auto full protection, MCCB air circuit breaker with safety protection,</p> <p>General Specifications: Power (KVA): PRP-50 kva, ESP-55 kva Power (kW): PRP-40 kw, ESP-44 kw Rated Speed (r.p.m.): 1800 Rated Outlet: 3 phase 220/127V 60Hz Rated Power Factor: 0.8 @ lagging Rated Current: 131 Amps</p> <p>Performance Data: Alternator: VG-224D/40kW Control System: AMF digital panel 6120N Start Battery: 2x12V/60Ah Breaker: MCCB 3P 160A Fuel Consumption: @ 100% load: 14.9 L/h or 251 g/kW.h</p> <p>Dimensions: Type: Soundproof Length (L): 2150 mm Width (W): 920 mm Height (H): 1200 mm Net Weight: 950 kg Fuel Tank (L): 100 L</p> <p>Engine/Motor Specification: Type: In Line Pump, water cooling, 4 stroke, 4 cylinder Rated Output Power: 50kW @ 1800RPM Max RPM, off load: ≤ 1875RPM Low Idling Speed: ≤ 600RPM Bore x stroke (mm): 102*115 Compression Ratio: 16:1 Displacement: 3.76L Fire Order: 1-3-4-2 Oil Capacity: 14L Coolant Capacity: 6.8L Air Intake System: turbocharged Fuel Consumption: 14.9 L/h (100%), 11.6 L/h (75%), 8.3 L/h (50%) Oil Consumption: ≤2.04g/kw.h Mean effective pressure: 1067 kPa Starter: 24V DC Fuel pump: Mechanical Cooling system: 50 °C ambient radiator Exhaust gas temperature: ≤ 540 °C</p> <p>Alternator Specification: Rated Power: 40kw @ 1800 RPM Power Factor (cos Ø): 0.8 Efficiency: 93.7% Insulation System: Class H Protection :IP23 Stator Length: 160mm</p>		

	<p>Rotor: Single Bearing Winding Connections (Standard): Star/Y, 4 wires Excitation System: Self-excited Voltage Regulator: A.V.R. Sx460 Maximum Overspeed: 2250 Rev/Min Altitude: ≤ 1000m Voltage Stabilized Regulation: ≤± 1.5% Voltage Instantaneous Regulation: C± 20% Voltage Recovery Time (s): ≤1 Voltage Fluctuation Ratio: ≤1% Voltage Wave Aberration ratio: ≤5% Frequency Stabilized Regulation: ≤1% (adjustable) Frequency Instantaneous Regulation: 10% - 12% Frequency Fluctuation ratio: ≤1%</p> <p>Control Panel: Control Module Features: AMF (Automatic Mains Failure Module) STOP/RESET-MANUAL-AUTO-TEST-START Metering Via LCD Display: Generator Volts (L-L/L-N); mains volts (L-L/L-N); Generator Amps (L1, L2, L3); Generator (kVA and kW); Generator Frequency; Generator (cos); Engine Hours Run; Start battery Volts; Engine oil pressure (psi and bar); Engine speed (rpm); Fuel tank Capacity level; Engine Temperature (°C)</p> <p>Automatic Shutdown and Fault Conditions: Under/Over Speed: fail to start High Engine Temperature: Fail to stop Low oil pressure: Charge fail Under/Over generator volts; over current Under/Over generator frequency; emergency stop Under/Over mains frequency Under/Over mains voltage Low/High Battery Volts</p> <p>Canopy and Steel Base Ventilation parts are designed with modular principles Soundproof and lined with sound reducing foam All metal canopy parts are painted by powder paint Panel Window Emergency Stop button Lockable doors on front and back Easy maintenance and operation Easy Lifting and Moving Exterior emergency stop push button Steel Chassis and anti-vibration pads Base Frame Design incorporates an integral fuel tank The generator can be lifted or pushed/pulled by the base frame carefully Includes Diesel Level Sensor Information to the Controller</p>		
2.	<p>Generator Set Estimated Cost: P2,000,000.00</p>		
	<p>Brand New Water Cooled Diesel Engine, Brushless Alternators (Class H, with AVR), Base Frame Fuel Tank for continue 8-10 hours running, , digital control panel with auto full protection, MCCB air circuit breaker with safety protection,</p> <p>General Specifications: Power (KVA): PRP-25 kva, ESP-27.5 kva Power (kW): PRP-20 kw, ESP-22 kw Rated Speed (r.p.m.): 1800 Rated Outlet: 3 220V 60Hz Rated Power Factor: 0.8 @ lagging Rated Current: 65.6 Amps</p> <p>Performance Data: Alternator: VG-184E Control System: SmartGen HGM6120N Start Battery: 2pcs 12V/60Ah Breaker: MCCB 3P 100A Fuel Consumption: @ 75% load: 6.8 L/h or 238 g/kW.h</p> <p>Dimensions: Type: Trailer Length (L): 3100 mm Width (W): 1700 mm Height (H): 1900 mm Net Weight: 1200 kg Fuel Tank (L): 80 L</p> <p>Engine/Motor Specification: Type: In Line Pump, 4 stroke, 4 cylinder</p>		

Displacement: 3.9L
 Bore x stroke (mm): 102*120
 Compression Ratio: 18.0:1
 Arrangement: 1800RPM
 Rated Output/Speed: 30 kw
 Standby Output/Speed: 33 kw
 Fuel System: Electronic Governor
 Governor Regulation: $\leq 5\%$
General Engine Data:
 Engine Weight (wet): 308kg
 Engine Idle Speed: 950-1050 RPM
 Fire Order: 1-3-4-2
Exhaust System:
 Maximum Back Pressure: 10kPa
Air Intake System:
 Maximum Intake Air Restriction with Heavy Duty Air Cleaner
 Dirty Element: 6 kPa
 Clean Element: 4 kPa
Lubrication System:
 Engine Oil Pressure for Engine Protection Devices
 Idle Speed (Minimum): 207 kPa
 Governed Speed (Maximum): 345 kPa
 Maximum Oil Temperature: 121 °C
 Minimum Required Lube System Capacity: 10.9L
Fuel System
 Type Injection System: BYC A Direct Injection
 Maximum Restriction at Lift Pump: 13.6 kPa
 Maximum Fuel Inlet Temperature: 70 °C
 Total Drain Flow (constant for all loads): 30L
Cooling System:
 Coolant Capacity – Engine Only: 7.2 L
 Maximum Coolant Friction Head External to Engine: 35 kPa
 Standard thermostat (modulating) Range: 82-95 °C
 Minimum Pressure Cap: 69 kPa
 Maximum Top Tank Temperature for standby/Prime Power: 104/100 °C
Electrical System:
 Cranking Motor: 24V
 Battery Charging System: 40A
 Minimum Recommended Battery Capacity: 60A
Alternator Specification:
 Rated Power: 20kw @1800RPM
 Winding: 100% Copper
 Power Factor (cos ϕ): 0.8
 Insulation System: Class H
 Protection: IP23
 Efficiency: 91.7%
 Winding Connections (Standard): Star/Y
 Stator Length: 190 mm
 Winding Pitch: Two Thirds
 Winding leads: 12
 Excitation System: Self-excited
 Coating: Vacuum Impregnation
 Voltage Regulator: A.V.R. Sx460
 Weight: 230kg
 Voltage Stabilized Regulation: $\leq \pm 0.5\%$
 Voltage Instantaneous Regulation: $\leq \pm 20\%$
 Voltage Recovery Time: $\leq 1S$
 Voltage Fluctuation Ratio: $\leq 1\%$
 Voltage Wave Aberration ratio: $\leq 5\%$
 Frequency Stabilized Regulation: $\leq 1\%$ (adjustable)
 Frequency Instantaneous Regulation: -10% - 12%
 Frequency Fluctuation ratio: $\leq 1\%$
Control Panel:
 Control Module Features:
 AMF (Automatic Mains Failure Module)
 STOP/RESET-MANUAL-AUTO-TEST-START
Metering Via LCD Display:
 Generator Volts (L-L/L-N); mains volrs (L-L/L-N);
 Generator Amps (L1, L2,L3);
 Generator (kVA and kW); Generator Frequency;
 Generator (cos); Engine Hours Run;
 Start Battery Volts; Engine oil pressure (psi and bar);
 Engine speed (rpm); Fuel tank Capacity level;
 Engine Temperature (*C)

	<p>Automatic Shutdown and Fault Conditions: Under/Over Speed: fail to start High Engine Temperature: fail to stop Low oil pressure; charge fail Under/Over generator volts; over current Under/Over generator frequency; emergency stop Under/Over mains frequency Under/Over mains voltage Low/High Battery Volt</p> <p>Canopy and Steel Base Ventilation parts are designed with modular principles Soundproof and lined with sound reducing foam All metal canopy parts are painted by powder paint Panel Window Lockable doors on front and back Easy maintenance and operation Easy Lifting and Moving Exterior emergency stop push button Steel Chassis and anti-vibration pads Base frame Design incorporates an integral fuel tank The generator can be lifted or pushed/pulled by the base frame carefully Includes Diesel Level Sensor Information to the Controller</p>		
3.	<p>Mobile Generator Estimated Cost: P3,000,000.00</p>		
	<p>Strong power, high torque, easy to maintain, easy to start; Low noise, low emissions; Cabinet made of high quality sheet metal, corrosion-resistant, scratch-resistant; Canopy sealing performance, high waterproof, dust-proof, rain, dust and other difficult to access; Omni-directional control, easy connection and simple; Cranes, fork, pull, drag. easy transportation; >8-hour fuel tanks; Soundproof type with 50 °C radiator</p> <p>Ratings at 0.8 power factor</p> <ol style="list-style-type: none"> 4) Ambient reference conditions: 1,000 mbar, 27°C, 30% relative humidity 5) Standby Power Standby duty, operation under variable load, without over load ; 6) Prime Power-Continuous duty operation, under variable load 24/24h-10% over Load permissible 1 hour/12 hours <p>Output Ratings: Three-Phase, 60 Hz, 1800 RPM Output @ Prime Power: 200kVa/160kW Output @ Standby Power: 220kVa/176 kW Voltage @ Prime Power: 220V, 525A Voltage @ Standby Power: 440V, 289A</p> <p>Performance Data: Control System: SmartGen HGM6120 Standard Noise Level@7m (Soundproof Sets): 80dBA Circuit Breaker Type: 3 Pole MCCB Tank (L): 350L Fuel Consumption (l/hr): 110% Load: 46 100% Load: 42 75% Load: 33 50% Load: 22 Dimension and Weight: Length (mm): 3600 Width (mm): 1150 Height (mm): 1950 Weight (kg):2500</p> <p>Engine Specifications: No. of Cylinders/Alignment: 6/ In line Cycle: 4 Stroke Bore/Stroke: 126X130mm Induction: TC Cooling Method: Water Lubricant Oil Capacity (L): 23 Gross Engine Power (kW): @ Prime: 216 kW/294 Hp @ Standby: 238 kW/324 Hp Comprssion Ratio: 15.5:1 Displacement (L): 9.7 Governing Type: Electronic Net Weight (kg): 496 Coolant Capacity (L): 32.6</p> <p>Alternator Specifications: Rated Capacity (kVA): 200 Rated Power (kW): 160 THF(BS EN60034 - 1): <2%</p>		

	<p>Bearing Number: Single Windings: 100% Copper Silicon Steel Core Processing: One Piece Punching Insulation Class: H Winding Pitch: 2/3 Amortisseur Winding: Full A.V.R. Model: SX460 Voltage Regulation (no load-full load): =1.0% Underspeed Protection: Standard Protection: IP23 Phase Sequence: A(U), B(V), C(W) TIF(NEMA MG 1-22): <50 Excitation System: Self-excited, SHUNT Ambient Temperature: 50°C Stator Rated Temperature: 125°C Control System: Monitoring engine speed, oil pressure, coolant temperature, frequency, voltage, current, power and fuel level, the modules will give comprehensive engine and alternator protection. This will be indicated on the largest back-lit LCD icon display in its class via an array of warning, electrical trip and shutdown alarms. System alarms are annunciated on the LCD screen (multiple language options available), illuminated LED and audible sounder. WITH TWO WHEELS TRAILER</p>		
4.	<p>Portable Tower Light with Trailer and Generator Estimated Cost: P2,000,000.00</p>		
	<p>Specifications: Dimensions: Size: 2180-1130-2700mm (L-W-H) Full Extending Height: 7m Gross Weight: 550kg Engine: Speed (rpm): 3000 Engine Characteristics: 4 stroke, Air-Cooled Diesel, Single Cylinder Combustion System: Direct Injection Engine Aspiration: Naturally Aspirated Alternator: Standard Configuration: Brush, 100% copper Frequency (Hz): 50/60 Rating Voltage (50/60 Hz): 230/240 – 120 VAC Alternator insulation: Class H Alternator Protection Grade: IP23 Mast & Lights: Types of Lights: 4 x 1000 Watt Metal Halide Lamps Lampshade type: Round Luminous Flux: 110000 LM/light Mast Lifting: Manually Winch type: High Capacity Durable Auto Break Winch Rotation deg.: 350 degree Rotatable Mast Max Towing Speed: 40km/h Trailer: Trailer Type: Leaf Springs & Single axle without tail reflector light Traction trolley: A Style tow frame with supporting jack Stabilizing legs & number: 4 pcs extendable bar with manually retractable jacks Wheel's rim sizes and tires: 13" rim with regular tires Sockets: 2 pcs waterproof socket plug Additional Features: Fuel Tank Capacity: 40 L Operating Hours with Full Fuel: 20 hours Control panel: Parameters with low oil pressure and over heat protection Generator Canopy: Stamping steel plate with anti rust painting Generator Starting type or controller: Key Starting Noise Level: 77 dB(A) at 7 meters away</p>		

Signature over Printed Name

SCHEDULE OF WARRANTY

This serves as warranty for **Other Property, Plant and Equipment** in the City Government of Zamboanga.

ITEM NO.	DESCRIPTION	QUANTITY		WARRANTY
1.	<p>Generator Set Estimated Cost: P15,000,000.00</p> <p>Brand New Water Cooled Diesel Engine, Brushless Alternators (Class H, with AVR), Base Frame Fuel Tank for continue 8-20 hours running, , digital control panel with auto full protection, MCCB air circuit breaker with safety protection,</p> <p>General Specifications: Power (KVA): PRP-50 kva, ESP-55 kva Power (kW): PRP-40 kw, ESP-44 kw Rated Speed (r.p.m.): 1800 Rated Outlet: 3 phase 220/127V 60Hz Rated Power Factor: 0.8 @ lagging Rated Current: 131 Amps</p> <p>Performance Data: Alternator: VG-224D/40kW Control System: AMF digital panel 6120N Start Battery: 2x12V/60Ah Breaker: MCCB 3P 160A Fuel Consumption: @ 100% load: 14.9 L/h or 251 g/kW.h</p> <p>Dimensions: Type: Soundproof Length (L): 2150 mm Width (W): 920 mm Height (H): 1200 mm Net Weight: 950 kg Fuel Tank (L): 100 L</p> <p>Engine/Motor Specification: Type: In Line Pump, water cooling, 4 stroke, 4 cylinder Rated Output Power: 50kW @ 1800RPM Max RPM, off load: ≤ 1875RPM Low Idling Speed: ≤ 600RPM Bore x stroke (mm): 102*115 Compression Ratio: 16:1 Displacement: 3.76L Fire Order: 1-3-4-2 Oil Capacity: 14L Coolant Capacity: 6.8L Air Intake System: turbocharged Fuel Consumption: 14.9 L/h (100%), 11.6 L/h (75%), 8.3 L/h (50%) Oil Consumption: ≤2.04g/kw.h Mean effective pressure: 1067 kPa Starter: 24V DC Fuel pump: Mechanical Cooling system: 50 °C ambient radiator Exhaust gas temperature: ≤ 540 °C</p> <p>Alternator Specification: Rated Power: 40kw @ 1800 RPM Power Factor (cos Ø): 0.8 Efficiency: 93.7% Insulation System: Class H Protection :IP23 Stator Length: 160mm Rotor: Single Bearing Winding Connections (Standard): Star/Y, 4 wires Excitation System: Self-excited Voltage Regualator: A.V.R. Sx460 Maximum Overspeed: 2250 Rev/Min Altitude: ≤ 1000m Voltage Stabiliized Regulation: ≤± 1.5% Voltage Instantaneous Regulation: C± 20% Voltage Recovery Time (s): ≤1 Voltage Fluctuation Ratio: ≤1% Voltage Wave Aberration ratio: ≤5% Frequence Stabilized Regulation: ≤1% (adjustable) Frequence Instantaneous Regulation: 10% - 12% Frequence Fluctuation ratio: ≤1%</p> <p>Control Panel: Control Module Features: AMF (Automatic Mains Failure Module) STOP/RESET-MANUAL-AUTO-TEST-START</p>	10	units	

	<p>Metering Via LCD Display: Generator Volts (L-L/L-N); mains volts (L-L/L-N); Generator Amps (L1, L2, L3); Generator (kVA and kW); Generator Frequency; Generator (cos); Engine Hours Run; Start battery Volts; Engine oil pressure (psi and bar); Engine speed (rpm); Fuel tank Capacity level; Engine Temperature (°C)</p> <p>Automatic Shutdown and Fault Conditions: Under/Over Speed: fail to start High Engine Temperature: Fail to stop Low oil pressure: Charge fail Under/Over generator volts; over current Under/Over generator frequency; emergency stop Under/Over mains frequency Under/Over mains voltage Low/High Battery Volts</p> <p>Canopy and Steel Base Ventilation parts are designed with modular principles Soundproof and lined with sound reducing foam All metal canopy parts are painted by powder paint Panel Window Emergency Stop button Lockable doors on front and back Easy maintenance and operation Easy Lifting and Moving Exterior emergency stop push button Steel Chassis and anti-vibration pads Base Frame Design incorporates an integral fuel tank The generator can be lifted or pushed/pulled by the base frame carefully Includes Diesel Level Sensor Information to the Controller</p>			
2.	<p>Generator Set Estimated Cost: P2,000,000.00</p>	1	set	
	<p>Brand New Water Cooled Diesel Engine, Brushless Alternators (Class H, with AVR), Base Frame Fuel Tank for continue 8-10 hours running, , digital control panel with auto full protection, MCCB air circuit breaker with safety protection,</p> <p>Geneal Specifications: Power (KVA): PRP-25 kva, ESP-27.5 kva Power (kW): PRP-20 kw, ESP-22 kw Rated Speed (r.p.m.): 1800 Rated Outlet: 3 220V 60Hz Rated Power Factor: 0.8 @ lagging Rated Current: 65.6 Amps</p> <p>Performance Data: Alternator: VG-184E Control System: SmartGen HGM6120N Start Battery: 2pcs 12V/60Ah Breaker: MCCB 3P 100A Fuel Consumption: @ 75% load: 6.8 L/h or 238 g/kW.h</p> <p>Dimensions: Type: Trailer Length (L): 3100 mm Width (W): 1700 mm Height (H): 1900 mm Net Weight: 1200 kg Fuel Tank (L): 80 L</p> <p>Engine/Motor Specification: Type: In Line Pump, 4 stroke, 4 cylinder Displacement: 3.9L Bore x stroke (mm): 102*120 Compression Ratio: 18.0:1 Arrangement:1800RPM Rated Output/Speed: 30 kw Standby Output/Speed: 33 kw Fuel System: Electronic Governor Governor Regulation: ≤ 5%</p> <p>General Engine Data: Engine Weight (wet): 308kg Engine Idle Speed: 950-1050 RPM Fire Order: 1-3-4-2</p> <p>Exhaust System: Maximum Back Pressure: 10kPa</p> <p>Air Intake System: Maximum Intake Air Restriction with Heavy Duty Air Cleaner Dirty Element: 6 kPa Clean Element: 4 kPa</p>			

Lubrication System:

Engine Oil Pressure for Engine Protection Devices

Idle Speed (Minimum): 207 kPa

Governed Speed (Maximum): 345 kPa

Maximum Oil Temperature: 121 °C

Minimum Required Lube System Capacity: 10.9L

Fuel System

Type Injection System: BYC A Direct Injection

Maximum Restriction at Lift Pump: 13.6 kPa

Maximum Fuel Inlet Temperature: 70 °C

Total Drain Flow (constant for all loads): 30L

Cooling System:

Coolant Capacity – Engine Only: 7.2 L

Maximum Coolant Friction Head External to Engine: 35 kPa

Standard thermostat (modulating) Range: 82-95 °C

Minimum Pressure Cap: 69 kPa

Maximum Top Tank Temperature for standby/Prime Power: 104/100 °C

Electrical System:

Cranking Motor: 24V

Battery Charging System: 40A

Minimum Recommended Battery Capacity: 60A

Alternator Specification:

Rated Power: 20kw @1800RPM

Winding: 100% Copper

Power Factor (cos Ø): 0.8

Insulation System: Class H

Protection: IP23

Efficiency: 91.7%

Winding Connections (Standard): Star/Y

Stator Length: 190 mm

Winding Pitch: Two Thirds

Winding leads: 12

Excitation System: Self-excited

Coating: Vacuum Impregnation

Voltage Regulator: A.V.R. Sx460

Weight: 230kg

Voltage Stabilized Regulation: $\leq \pm 0.5\%$

Voltage Instantaneous Regulation: $\leq \pm 20\%$

Voltage Recovery Time: $\leq 1S$

Voltage Fluctuation Ratio: $\leq 1\%$

Voltage Wave Aberration ratio: $\leq 5\%$

Frequency Stabilized Regulation: $\leq 1\%$ (adjustable)

Frequency Instantaneous Regulation: -10% ~ 12%

Frequency Fluctuation ratio: $\leq 1\%$

Control Panel:

Control Module Features:

AMF (Automatic Mains Failure Module)

STOP/RESET-MANUAL-AUTO-TEST-START

Metering Via LCD Display:

Generator Volts (L-L/L-N); mains volrs (L-L/L-N);

Generator Amps (L1, L2,L3);

Generator (kVA and kW); Generator Frequency; Generator

(cos); Engine Hours Run;

Start Battery Volts; Engine oil pressure (psi and bar);

Engine speed (rpm); Fuel tank Capacity level;

Engine Temperature (*C)

Automatic Shutdown and Fault Conditions:

Under/Over Speed: fail to start

High Engine Temperature: fail to stop

Low oil pressure; charge fail

Under/Over generator volts; over current

Under/Over generator frequency; emergency stop

Under/Over mains frequency

Under/Over mains voltage

Low/High Battery Volt

Canopy and Steel Base

Ventilation parts are designed with modular principles

Soundproof and lined with sound reducing foam

All metal canopy parts are painted by powder paint

Panel Window

Lockable doors on front and back

Easy maintenance and operation

Easy Lifting and Moving

Exterior emergency stop push button

Steel Chassis and anti-vibration pads

Base frame Design incorporates an integral fuel tank

The generator can be lifted or pushed/pulled by the base

frame carefully

Includes Diesel Level Sensor Information to the Controller

3.	Mobile Generator Estimated Cost: P3,000,000.00	1	set	
	<p>Strong power, high torque, easy to maintain, easy to start; Low noise, low emissions; Cabinet made of high quality sheet metal, corrosion-resistant, scratch-resistant; Canopy sealing performance, high waterproof, dust-proof, rain, dust and other difficult to access; Omni-directional control, easy connection and simple; Cranes, fork, pull, drag. easy transportation; >8-hour fuel tanks; Soundproof type with 50 °C radiator</p> <p>Ratings at 0.8 power factor</p> <p>7) Ambient reference conditions: 1,000 mbar, 27°C, 30% relative humidity</p> <p>8) Standby Power Standby duty, operation under variable load, without over load ;</p> <p>9) Prime Power-Continuous duty operation, under variable load 24/24h-10% over Load permissible 1 hour/12 hours</p> <p>Output Ratings: Three-Phase, 60 Hz, 1800 RPM Output @ Prime Power: 200kVa/160kW Output @ Standby Power: 220kVa/176 kW Voltage @ Prime Power: 220V, 525A Voltage @ Standby Power: 440V, 289A</p> <p>Performance Data: Control System: SmartGen HGM6120 Standard Noise Level@7m (Soundproof Sets): 80dBA Circuit Breaker Type: 3 Pole MCCB Tank (L): 350L Fuel Consumption (l/hr): 110% Load: 46 100% Load: 42 75% Load: 33 50% Load: 22 Dimension and Weight: Length (mm): 3600 Width (mm): 1150 Height (mm): 1950 Weight (kg):2500</p> <p>Engine Specifications: No. of Cylinders/Alignment: 6/ In line Cycle: 4 Stroke Bore/Stroke: 126X130mm Induction: TC Cooling Method: Water Lubricant Oil Capacity (L): 23 Gross Engine Power (kW): @ Prime: 216 kW/294 Hp @ Standby: 238 kW/324 Hp Comprssion Ratio: 15.5:1 Displacement (L): 9.7 Governing Type: Electronic Net Weight (kg): 496 Coolant Capacity (L): 32.6</p> <p>Alternator Specifications: Rated Capacity (kVA): 200 Rated Power (kW): 160 THF(BS EN60034 - 1): <2% Bearing Number: Single Windings: 100% Copper Silicon Steel Core Processing: One Piece Punching Insulation Class: H Winding Pitch: 2/3 Amortisseur Winding: Full A.V.R. Model: SX460 Voltage Regulation (no load-full load): =1.0% Underspeed Protection: Standard Protection: IP23 Phase Sequence: A(U), B(V), C(W) TIF(NEMA MG 1-22): <50 Excitation System: Self-excited, SHUNT Ambient Temperature: 50°C Stator Rated Temperature: 125°C</p> <p>Control System: Monitoring engine speed, oil pressure, coolant temperature, frequency, voltage, current, power and fuel level, the modules will give comprehensive engine and alternator protection. This will be indicated on the largest back-lit LCD icon display in its class via an array of warning, electrical trip and shutdown alarms. System alarms are annunciated on the LCD screen (multiple language options available), illuminated LED and audible sounder.</p>			

	WITH TWO WHEELS TRAILER		
4.	Portable Tower Light with Trailer and Generator Estimated Cost: P2,000,000.00	4	units
	<p>Specifications:</p> <p>Dimensions: Size: 2180-1130-2700mm (L-W-H) Full Extending Height: 7m Gross Weight: 550kg</p> <p>Engine: Speed (rpm): 3000 Engine Characteristics: 4 stroke, Air-Cooled Diesel, Single Cylinder Combustion System: Direct Injection Engine Aspiration: Naturally Aspirated</p> <p>Alternator: Standard Configuration: Brush, 100% copper Frequency (Hz): 50/60 Rating Voltage (50/60 Hz): 230/240 – 120 VAC Alternator insulation: Class H Alternator Protection Grade: IP23</p> <p>Mast & Lights: Types of Lights: 4 x 1000 Watt Metal Halide Lamps Lampshade type: Round Luminous Flux: 110000 LM/light Mast Lifting: Manually Winch type: High Capacity Durable Auto Break Winch Rotation deg.: 350 degree Rotatable Mast Max Towing Speed: 40km/h</p> <p>Trailer: Trailer Type: Leaf Springs & Single axle without tail reflector light Traction trolley: A Style tow frame with supporting jack Stabilizing legs & number: 4 pcs extendable bar with manually retractable jacks Wheel's rim sizes and tires: 13" rim with regular tires Sockets: 2 pcs waterproof socket plug</p> <p>Additional Features: Fuel Tank Capacity: 40 L Operating Hours with Full Fuel: 20 houyrs Control panel: Parameters with low oil pressure and over heat protection Generator Canopy: Stamping steel plate with anti rust painting Generator Starting type or controller: Key Starting Noise Level: 77 dB(A) at 7 meters away</p>		

Bidder Signature Over Printed Name

Bid Data Sheet

ITB Clause	
5.3	<p>For this purpose, contracts similar to the project shall be:</p> <p>a. Other Property, Plant and Equipment: 10 Units Generator Set, etc. b. Completed within ten (10) years prior to the deadline for the submission and receipt of bids.</p>
7.1	<p>"Subcontracting is not allowed."</p>
12	<p>The price of the Goods shall be quoted delivered duty paid (DDP) at CGSO, Tetuan, Zamboanga City for this project.</p>
14.1	<p>The Bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:</p> <p>a. The amount of not less than <u>P440,000.00</u>; if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or b. The amount of not less than <u>P1,100,000.00</u>; if bid security is in Surety Bond.</p>
19.4	<p><i>The Project shall be awarded One Project having several items that shall be awarded as one contract.</i></p>
20.2	<p><i>[List here any licenses and permits relevant to the Project and the corresponding law requiring it.]</i></p>
21.2	<p><i>[List here any additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity.]</i></p>

Special Conditions of Contract

GCC Clause	
1	<p>[List here any additional requirements for the completion of this Contract. The following requirements and the corresponding provisions may be deleted, amended, or retained depending on its applicability to this Contract:]</p> <p>Delivery and Documents –</p> <p>For purposes of the Contract, “EXW,” “FOB,” “FCA,” “CIF,” “CIP,” “DDP” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:</p> <p>[For Goods supplied from abroad, state:] “The delivery terms applicable to the Contract are DDP delivered [indicate place of destination]. In accordance with INCOTERMS.”</p> <p>[For Goods supplied from within the Philippines, state:] “The delivery terms applicable to this Contract are delivered Secretary to the Mayor, Zamboanga City. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.”</p> <p>Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).</p> <p>For purposes of this Clause the Procuring Entity’s Representative at the Project Site is [indicate name(s)].</p> <p>Incidental Services –</p> <p>The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements:</p> <p>Select appropriate requirements and delete the rest.</p> <ul style="list-style-type: none"> a. performance or supervision of on-site assembly and/or start-up of the supplied Goods; b. furnishing of tools required for assembly and/or maintenance of the supplied Goods; c. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods; d. performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and e. training of the Procuring Entity’s personnel, at the Supplier’s plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods. f. [Specify additional incidental service requirements, as needed.] <p>The Contract price for the Goods shall include the prices charged by the Supplier for incidental services and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.</p> <p>Spare Parts –</p> <p>The Supplier is required to provide all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:</p> <p>Select appropriate requirements and delete the rest.</p> <ul style="list-style-type: none"> a. such spare parts as the Procuring Entity may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under this Contract; and b. in the event of termination of production of the spare parts: <ul style="list-style-type: none"> i. advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and ii. following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested. <p>The spare parts and other components required are listed in Section VI (Schedule of Requirements) and the cost thereof are included in the contract price.</p> <p>The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts or components for the Goods for a period of Three (3) Months. If not used indicate a time period of three times the warranty period].</p>

	<p>Spare parts or components shall be supplied as promptly as possible, but in any case, within [insert appropriate time period] months of placing the order.</p> <p>Packaging –</p> <p>The Supplier shall provide such packaging of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in this Contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging case size and weights shall take into consideration, where appropriate, the remoteness of the Goods’ final destination and the absence of heavy handling facilities at all points in transit.</p> <p>The packaging, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified below, and in any subsequent instructions ordered by the Procuring Entity.</p> <p>The outer packaging must be clearly marked on at least four (4) sides as follows:</p> <p>Name of the Procuring Entity</p> <p>Name of the Supplier</p> <p>Contract Description</p> <p>Final Destination</p> <p>Gross weight</p> <p>Any special lifting instructions</p> <p>Any special handling instructions</p> <p>Any relevant HAZCHEM classifications</p>
	<p>A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.</p> <p>Transportation –</p> <p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.</p> <p>Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.</p> <p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure.</p> <p>The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.</p> <p>Intellectual Property Rights –</p> <p>The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.</p>
2.2	<p><i>[If partial payment is allowed, state] “The terms of payment shall be as follows: _____.”</i></p>
4	<p>The inspections and tests that will be conducted are: Quality Inspection by Accounting, COA, CGSO and End User.</p>

BID SECURING DECLARATION
Invitation to Bid No.: *[Insert reference number]*

To: **City Government of Zamboanga,**
BIDS AND AWARDS COMMITTEE
Villalobos Street,
Zamboanga City

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid Securing Declaration.
2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA No. 9184; without prejudice to other legal action the government may undertake.
3. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:
 - a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
 - b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right; and;
 - c. I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this ___ day of *[month]* *[year]* at *[place of execution]*.

*[Insert NAME OF BIDDER OR ITS
AUTHORIZED REPRESENTATIVE
[Insert signatory's legal capacity]*

Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

Section II. Instructions to Bidders

Notes on the Instructions to Bidders

This Section on the Instruction to Bidders (ITB) provides the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Entity. It also provides information on bid submission, eligibility check, opening and evaluation of bids, post-qualification, and on the award of contract.

1. Scope of Bid

The Procuring Entity, **CITY GOVERNMENT OF ZAMBOANGA** wishes to receive Bids for the **Other Property, Plant and Equipment: 10 Units Generator Set, etc.** with Solicitation No. **Goods 23-1123-0199.**

The Procurement Project (referred to herein as “Project”) is composed of **1 lot**, the details of which are described in Section VII (Technical Specifications).

2. Funding Information

2.1. The GOP through the source of funding as indicated below for **Annual Budget FY 2019** in the amount of **TWENTY TWO MILLION PESOS ONLY (P22,000,000.00)**

2.2. The source of funding is: LGUs, Annual Budget 2019, as approved by the Sanggunian.

3. Bidding Requirements

The Bidding for the Project shall be governed by all the provisions of RA No. 9184 and its 2016 revised IRR, including its Generic Procurement Manuals and associated policies, rules and regulations as the primary source thereof, while the herein clauses shall serve as the secondary source thereof.

Any amendments made to the IRR and other GPPB issuances shall be applicable only to the ongoing posting, advertisement, or **IB** by the BAC through the issuance of a supplemental or bid bulletin.

The Bidder, by the act of submitting its Bid, shall be deemed to have verified and accepted the general requirements of this Project, including other factors that may affect the cost, duration and execution or implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

4. Corrupt, Fraudulent, Collusive, and Coercive Practices

The Procuring Entity, as well as the Bidders and Suppliers, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and obstructive practices defined under Annex “I” of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

5. Eligible Bidders

5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.

5.2.b Foreign ownership limited to those allowed under the rules may participate in this Project.

5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA’s CPI, must be at least equivalent to:

- a. **For the procurement of Non-expendable Supplies and Services:** The Bidder must have completed a single contract that is similar to this Project, equivalent to at least **fifty percent (50%) of the ABC.**
- b. **For the procurement of expendable Supplies and Services:** The Bidder must have completed a single contract that is similar to this Project, equivalent to at least **fifty percent (25%) of the ABC**

6. Origin of Goods

There is no restriction on the origin of goods other than those prohibited by a decision of the UN Security Council taken under Chapter VII of the Charter of the UN, subject to Domestic Preference requirements under **ITB** Clause 18.

7. Subcontracts

The Procuring Entity has prescribed that: Subcontracting is not allowed.

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project is on **December 01, 2023 at 10:00AM at the Office of the City Mayor- Procurement, Acquisition and Award Division (PAAD) Conference Room, Villalobos Street, Zamboanga City** as indicated in paragraph 6 of the IB.

9. Clarification and Amendment of Bidding Documents

Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such requests must be in writing and received by the Procuring Entity, either at its given address or through electronic mail indicated in the **IB**, at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.

10. Documents comprising the Bid: Eligibility and Technical Components

10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.

10.2. The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed within ten (10) years prior to the deadline for the submission and receipt of bids.

10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

11. Documents comprising the Bid: Financial Component

11.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.

11.2. If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.

11.3. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.

11.4. For Foreign-funded Procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

12. Bid Prices

12.1. Prices indicated on the Price Schedule shall be entered separately in the following manner:

a. For Goods offered from within the Procuring Entity's country:

- i. The price of the Goods quoted EXW (ex-works, ex-factory, ex-warehouse, ex-showroom, or off-the-shelf, as applicable);
- ii. The cost of all customs duties and sales and other taxes already paid or payable;

iii. The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and

iv. The price of other (incidental) services, if any, listed in e.

b. For Goods offered from abroad:

i. Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted delivered duty paid (DDP) with the place of destination in the Philippines as specified in the **BDS**. In quoting the price, the Bidder shall be free to use transportation through carriers registered in any eligible country. Similarly, the Bidder may obtain insurance services from any eligible source country.

ii. The price of other (incidental) services, if any, as listed in **Section VII (Technical Specifications)**.

13. Bid and Payment Currencies

13.1. For Goods that the Bidder will supply from outside the Philippines, the bid prices may be quoted in the local currency or tradeable currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies, shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.

13.2. Payment of the contract price shall be made in **Philippine Pesos**.

14. Bid Security

14.1. The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount indicated in the BDS, which shall be not less than the percentage of the ABC in accordance with the schedule in the BDS.

14.2. The Bid and bid security shall be valid until **One Hundred Twenty Days [120]**. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

15. Sealing and Marking of Bids

Each Bidder shall submit one copy of the first and second components of its Bid.

The Procuring Entity may request additional hard copies and/or electronic copies of the Bid. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.

16. Deadline for Submission of Bids

16.1. The Bidders shall submit on **December 13, 2023 at 10:00 AM at Office of the City Mayor - Procurement, Acquisition and Awards Division (CMO-PAAD), Conference Room, Villalobos St., Zamboanga City** as indicated in paragraph 7 of the **IB**.

17. Opening and Preliminary Examination of Bids

17.1. The BAC shall open the Bids on **December 13, 2023 at 10:00 AM at Office of the City Mayor - Procurement, Acquisition and Awards Division (CMO-PAAD), Conference Room, Villalobos St., Zamboanga City** as specified in paragraph 9 of the **IB**. The Bidders' representatives who are present shall sign a register evidencing their attendance. In case videoconferencing, webcasting or other similar technologies will be used, attendance of participants shall likewise be recorded by the BAC Secretariat.

In case the Bids cannot be opened as scheduled due to justifiable reasons, the rescheduling requirements under Section 29 of the 2016 revised IRR of RA No. 9184 shall prevail.

17.2. The preliminary examination of bids shall be governed by Section 30 of the 2016 revised IRR of RA No. 9184.

18. Domestic Preference

18.1. The Procuring Entity will grant a margin of preference for the purpose of comparison of Bids in accordance with Section 43.1.2 of the 2016 revised IRR of RA No. 9184.

19. Detailed Evaluation and Comparison of Bids

19.1. The Procuring BAC shall immediately conduct a detailed evaluation of all Bids rated “passed,” using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of the 2016 revised IRR of RA No. 9184.

19.2. If the Project allows partial bids bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case maybe. In this case, the Bid Security as required by **ITB** Clause 15 shall be submitted for each lot or item separately.

19.3. The descriptions of the lots or items shall be indicated in **Section VII (Technical Specifications)**, although the ABCs of these lots or items are indicated in the **BDS** for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.

19.4. The Project shall be awarded One Project having several items that shall be awarded as one contract.

19.5. Except for bidders submitting a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation, all Bids must include the NFCC computation pursuant to Section 23.4.1.4 of the 2016 revised IRR of RA No. 9184, which must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder. For bidders submitting the committed Line of Credit, it must be at least equal to ten percent (10%) of the ABCs for all the lots or items participated in by the prospective Bidder.

20. Post-Qualification

20.2. Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the **BDS**.

21. Signing of the Contract

21.1. The documents required in Section 37.2 of the 2016 revised IRR of RA No. 9184 shall form part of the Contract. Additional Contract documents are indicated in the **BDS**.