

PORO POINT MANAGEMENT CORPORATION

A Member of the Bases Conversion and Development Authority

CONTRACT FOR THE SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATOR SETS

To All Prospective Bidders:

SUPPLEMENTAL/BID BULLETIN NO. 1

In accordance with the provision stated in the Bidding Documents of the Contract for the Supply, Delivery, Installation and Commissioning of Generator Sets, Supplemental/Bid Bulletin No. 1 is hereby issued to provide additional information, necessary corrections and amendments in the Bidding Documents:

1. On Pages 29 to 33 of the Bidding Documents, Schedule of Requirements shall be amended to read as follows:

SCHEDULE OF REQUIREMENTS

SPECIFICATIONS FOR THE SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATOR SETS

A. SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF ONE (1) UNIT BRAND NEW STANDBY GENERATOR SET, 150 kVA, 220 VAC, 3 PHASE, 60 HZ SILENT TYPE WITH THE FOLLOWING MINIMUM SPECIFICATIONS:

SPECIFICATIONS	
GENERAL FEATURES	Diesel Engine
	24 V DC start motor and storage battery
	Brushless, IP23, insulation class H alternator
	40°C radiator as standard, 50°C is optional
	Key start panel control system as standard, digital auto start panel is optional
VOLTAGE REGULATION	
• Power factor	Between 0.80 – 1.0 lag
• Voltage Regulation	From No load to full load, any steady load
• Speed drop	Variation under 4.5%
ENGINE SPECIFICATION	
• Number of Cylinders	6
• Cycle	4 cycles
• Induction	Turbocharged air to air charged cooled
• Displacement (liter)	5.9
• Rated RPM	1800
• Start Motor Voltage	24 VDC
ALTERNATOR	

SPECIFICATION	
• Exciter Type	Brushless
• Power Factor	0.80
• Voltage Adjust Range	$\geq 5\%$ Voltage Regulation NL-FL: $\leq \pm 0.5\%$
• Insulation Grade	H
• Protection Grade	IP23
• Prime Power	137.5KW
• Standby Power	150 kVA
• Phase	3
• Voltage	220 V
• Frequency	60Hz
OTHER ACCESSORIES	Generator set is equipped with Muffler, Molded Case Circuit Breaker, Battery Charger and Batteries, Generator Set Controller, Meterings and Protection System.
CABLES AND RACEWAYS INCLUDING EARTHING FOR GENERATOR SET	Aerial installation of power cable (provide size and type of wire of power cable applicable to 150kVA) and raceway (with hangar brackets and support), approximately 30 meters length, from generator set to Manual Transfer Switch to panel board termination. Provide grounding. See Power Cable Line Diagram for the Administration Building for details.
TRANSFER SWITCH	Supply and installation of Manual Transfer Switch, including termination to the panel board. Rated Current: 2-500 AT, 230 V, 3 Phase, 3 Pole Rated Voltage: 220-690 VAC Breaker type, MCCB with Mechanical Interlock Enclosure P/N: Nema 3R See Power Cable Line Diagram for the Administration Building for the location of Manual Transfer Switch.
SERVICES	Supplier will provide Supervision, Testing and Commissioning of generator set unit on site including whole electrical system, Operation and Maintenance Training to PPMC personnel and end user. Supplier will provide fuel to the generator set during the entire duration of the Operation and Maintenance Training, Testing and Commissioning (free of charge).
WARRANTY	Pursuant to Section 62.1 of the Updated 2016 Revised IRR of RA 9184, in order to assure that manufacturing defects shall be corrected by the supplier, a warranty security shall be required from the contract awardee for a minimum period of one (1) year after acceptance by the Procuring Entity of the generator sets.

	The obligation for the warranty shall be covered by either retention money in an amount equivalent to at least one percent (1%) but not to exceed five percent (5%) of every progress payment, or a special bank guarantee equivalent to at least one percent (1%) but not to exceed five percent (5%) of the total contract price. The said amounts shall only be released after the lapse of the warranty period
DELIVERY	Generator set including all items and its accessories must be delivered within Forty-Five (45) Calendar Days from Receipt of the Notice to Proceed.
SPECIAL PROVISION	Bidder must have been engaged in the sale and service maintenance of generator set in good standing in the Philippines for at least five (5) years from the date of the invitation to bid. The generator set brand must have good quality track record and must have been commercially sold and distributed in the Philippines for at least five (5) years from the date of the Invitation to Bid.
OTHERS	<p>After Sales Service and Support during the warranty period, all reported defects shall be completely/satisfactorily repaired/replaced by all the winning bidder/supplier within 72 hours after receipt of a verbal and/or written notice from the procuring entity.</p> <p>After the warranty period, spare parts or components shall be supplied as promptly as possible, but in any case, within one month upon placing the order.</p> <p>Spare parts shall be available in the Philippine market.</p>

THE SUPPLIER MAY OFFER MORE SUPERIOR SPECIFICATIONS AT NO ADDITIONAL COST TO PPMC.

B. SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF ONE (1) UNIT BRAND NEW STANDBY GENERATOR SET, 25 kVA, 220 VAC, 1 PHASE, 60 HZ SILENT TYPE WITH THE FOLLOWING MINIMUM SPECIFICATIONS:

SPECIFICATIONS	
GENERAL FEATURES	Diesel Engine
	12 V DC start motor and storage battery
	Brushless, IP23, insulation class H alternator
	40°C radiator as standard, 50°C is optional
	Key start panel control system as standard, digital auto start panel is optional
VOLTAGE REGULATION	

• Power factor	Between 0.80 – 1.0 lag
• Voltage Regulation	From No load to full load, any steady load
• Speed drop	Variation under 4.5%
ENGINE SPECIFICATION	
• Number of Cylinders	4
• Cycle	4 cycles
• Induction	Turbocharged air to air charged cooled
• Displacement (liter)	2.14
• Rated RPM	1500
• Start Motor Voltage	12 VDC
ALTERNATOR SPECIFICATION	
• Exciter Type	Brushless
• Power Factor	0.80
• Voltage Adjust Range	≥5% Voltage Regulation NL-FL: ≤±0.5%
• Insulation Grade	H
• Protection Grade	IP23
• Prime Power	20 KW
• Standby Power	25 kVA
• Phase	1
• Voltage	220 V
• Frequency	60 Hz
OTHER ACCESSORIES	Generator set is equipped with Muffler, Molded Case Circuit Breaker, Battery Charger and Batteries, Generator Set Controller, Meterings and Protection System.
CABLES AND RACEWAYS INCLUDING EARTHING FOR GENERATOR SET	Aerial installation of power cable (provide size and type of wire of power cable applicable to 25kVA) and raceway (with hangar brackets and support), approximately 30 meters length, from generator set to Manual Transfer Switch to panel board termination. Provide grounding. See Power Cable Line Diagram for the Security Operations Center Office for details.
TRANSFER SWITCH	Supply and installation of Manual Transfer Switch, including termination to the panel board. Rated Current: 2-150 AT, 230 V, 1 Phase, 2 Pole Rated Voltage: 220-690 VAC Breaker type, MCCB with Mechanical Interlock Enclosure P/N: Nema 3R See Power Cable Line Diagram for the Security Operations Center Office for the location of Manual Transfer Switch.

SERVICES	<p>Supplier will provide Supervision, Testing and Commissioning of generator set unit on site including whole electrical system, Operation and Maintenance Training to PPMC personnel and end user.</p> <p>Supplier will provide fuel to the generator set during the entire duration of the Operation and Maintenance Training, Testing and Commissioning (free of charge).</p>
WARRANTY	<p>Pursuant to Section 62.1 of the Updated 2016 Revised IRR od RA 9184, in order to assure that manufacturing defects shall be corrected by the supplier, a warranty security shall be required from the contract awardee for a minimum period of one (1) year after acceptance by the Procuring Entity of the generator sets.</p> <p>The obligation for the warranty shall be covered by either retention money in an amount equivalent to at least one percent (1%) but not to exceed five percent (5%) of every progress payment, or a special bank guarantee equivalent to at least one percent (1%) but not to exceed five percent (5%) of the total contract price. The said amounts shall only be released after the lapse of the warranty period.</p>
DELIVERY	<p>Generator set including all items and its accessories must be delivered within Forty-Five (45) Calendar Days from Receipt of the Notice to Proceed.</p>
SPECIAL PROVISION	<p>Bidder must have been engaged in the sale and service maintenance of generator set in good standing in the Philippines for at least five (5) years from the date of the invitation to bid. The generator set brand must have good quality track record and must have been commercially sold and distributed in the Philippines for at least five (5) years from the date of the Invitation to Bid.</p>
OTHERS	<p>After Sales Service and Support during the warranty period, all reported defects shall be completely/satisfactorily repaired/replaced by all the winning bidder/supplier within 72 hours after receipt of a verbal and/or written notice from the procuring entity.</p> <p>After the warranty period, spare parts or components shall be supplied as promptly as possible, but in any case, within one month upon placing the order.</p> <p>Spare parts shall be available in the Philippine market.</p>

THE SUPPLIER MAY OFFER MORE SUPERIOR SPECIFICATIONS AT NO ADDITIONAL COST TO PPMC.

2. On Pages 36 to 41 of the Bidding Documents, Technical Specifications shall be amended to read as follows:

TECHNICAL SPECIFICATIONS

ITEM	SPECIFICATIONS	STATEMENT OF COMPLIANCE
<p>A. SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF ONE (1) UNIT BRAND NEW STANDBY GENERATOR SET, 150 kVA, 220 VAC, 3 PHASE, 60 HZ SILENT TYPE WITH THE FOLLOWING MINIMUM SPECIFICATIONS:</p>		
<p>SPECIFICATIONS</p>		
<p>GENERAL FEATURES</p>	<p>Diesel Engine</p>	
	<p>24 V DC start motor and storage battery</p>	
	<p>Brushless, IP23, insulation class H alternator</p>	
	<p>40°C radiator as standard, 50°C is optional</p>	
	<p>Key start panel control system as standard, digital auto start panel is optional</p>	
<p>VOLTAGE REGULATION</p>		
<ul style="list-style-type: none"> • Power factor 	<p>Between 0.80 – 1.0 lag</p>	
<ul style="list-style-type: none"> • Voltage Regulation 	<p>From No load to full load, any steady load</p>	
<ul style="list-style-type: none"> • Speed drop 	<p>Variation under 4.5%</p>	
<p>ENGINE SPECIFICATION</p>		

• Number of Cylinders	6	
• Cycle	4 cycles	
• Induction	Turbocharged air to air charged cooled	
• Displacement (liter)	5.9	
• Rated RPM	1800	
• Start Motor Voltage	24 VDC	
ALTERNATOR SPECIFICATION		
• Exciter Type	Brushless	
• Power Factor	0.80	
• Voltage Adjust Range	$\geq 5\%$ Voltage Regulation NL-FL: $\leq \pm 0.5\%$	
• Insulation Grade	H	
• Protection Grade	IP23	
• Prime Power	137.5KW	
• Standby Power	150 kVA	
• Phase	3	
• Voltage	220 V	
• Frequency	60Hz	
OTHER ACCESSORIES	Generator set is equipped with Muffler, Molded Case Circuit Breaker, Battery Charger and Batteries, Generator Set Controller, Meterings and Protection System.	
CABLES AND RACEWAYS INCLUDING EARTHING FOR GENERATOR SET	Aerial installation of power cable (provide size and type of wire of power cable applicable to 150kVA) and raceway (with hangar brackets and support), approximately 30 meters length, from generator set to Manual Transfer Switch to panel board termination. Provide grounding. See Power Cable Line Diagram for the Administration Building for details.	
TRANSFER SWITCH	Supply and installation of Manual Transfer Switch, including termination to the panel board. Rated Current: 2-500 AT, 230 V, 3 Phase, 3 Pole Rated Voltage: 220-690 VAC Breaker type, MCCB with	

	<p>Mechanical Interlock Enclosure P/N: Nema 3R</p> <p>See Power Cable Line Diagram for the Administration Building for the location of Manual Transfer Switch.</p>	
SERVICES	<p>Supplier will provide Supervision, Testing and Commissioning of generator set unit on site including whole electrical system, Operation and Maintenance Training to PPMC personnel and end user.</p> <p>Supplier will provide fuel to the generator set during the entire duration of the Operation and Maintenance Training, Testing and Commissioning (free of charge).</p>	
WARRANTY	<p>Pursuant to Section 62.1 of the Updated 2016 Revised IRR od RA 9184, in order to assure that manufacturing defects shall be corrected by the supplier, a warranty security shall be required from the contract awardee for a minimum period of one (1) year after acceptance by the Procuring Entity of the generator sets.</p> <p>The obligation for the warranty shall be covered by either retention money in an amount equivalent to at least one percent (1%) but not to exceed five percent (5%) of every progress payment, or a special bank guarantee equivalent to at least one percent (1%) but not to exceed five percent (5%) of the total contract price. The said amounts shall only be released after the lapse of the warranty period</p>	
DELIVERY	<p>Generator set including all items and its accessories must be delivered within Forty-Five (45) Calendar Days from Receipt of the Notice to Proceed.</p>	
SPECIAL PROVISION	<p>Bidder must have been engaged in the sale and service maintenance of</p>	

	generator set in good standing in the Philippines for at least five (5) years from the date of the invitation to bid. The generator set brand must have good quality track record and must have been commercially sold and distributed in the Philippines for at least five (5) years from the date of the Invitation to Bid.	
OTHERS	<p>After Sales Service and Support during the warranty period, all reported defects shall be completely/satisfactorily repaired/replaced by all the winning bidder/supplier within 72 hours after receipt of a verbal and/or written notice from the procuring entity.</p> <p>After the warranty period, spare parts or components shall be supplied as promptly as possible, but in any case, within one month upon placing the order.</p> <p>Spare parts shall be available in the Philippine market.</p>	

B. SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF ONE (1) UNIT BRAND NEW STANDBY GENERATOR SET, 25 kVA, 220 VAC, 1 PHASE, 60 HZ SILENT TYPE WITH THE FOLLOWING MINIMUM SPECIFICATIONS:

SPECIFICATIONS

GENERAL FEATURES	Diesel Engine	
	12 V DC start motor and storage battery	
	Brushless, IP23, insulation class H alternator	
	40°C radiator as standard, 50°C is optional	
	Key start panel control system as standard, digital auto start panel is optional	
VOLTAGE REGULATION		
• Power factor	Between 0.80 – 1.0 lag	
• Voltage Regulation	From No load to full load, any steady load	
• Speed drop	Variation under 4.5%	
ENGINE SPECIFICATION		
• Number of Cylinders	4	
• Cycle	4 cycles	

• Induction	Turbocharged air to air charged cooled	
• Displacement (liter)	2.14	
• Rated RPM	1500	
• Start Motor Voltage	12 VDC	
ALTERNATOR SPECIFICATION		
• Exciter Type	Brushless	
• Power Factor	0.80	
• Voltage Adjust Range	≥5% Voltage Regulation NL-FL: ≤±0.5%	
• Insulation Grade	H	
• Protection Grade	IP23	
• Prime Power	20 KW	
• Standby Power	25 kVA	
• Phase	1	
• Voltage	220 V	
• Frequency	60 Hz	
OTHER ACCESSORIES	Generator set is equipped with Muffler, Molded Case Circuit Breaker, Battery Charger and Batteries, Generator Set Controller, Meterings and Protection System.	
CABLES AND RACEWAYS INCLUDING EARTHING FOR GENERATOR SET	Aerial installation of power cable (provide size and type of wire of power cable applicable to 25kVA) and raceway (with hangar brackets and support), approximately 30 meters length, from generator set to Manual Transfer Switch to panel board termination. Provide grounding. See Power Cable Line Diagram for the Security Operations Center Office for details.	
TRANSFER SWITCH	Supply and installation of Manual Transfer Switch, including termination to the panel board. Rated Current: 2-150 AT, 230 V, 1 Phase, 2 Pole Rated Voltage: 220-690 VAC Breaker type, MCCB with Mechanical Interlock Enclosure P/N: Nema 3R	

	See Power Cable Line Diagram for the Security Operations Center Office for the location of Manual Transfer Switch.	
SERVICES	<p>Supplier will provide Supervision, Testing and Commissioning of generator set unit on site including whole electrical system, Operation and Maintenance Training to PPMC personnel and end user.</p> <p>Supplier will provide fuel to the generator set during the entire duration of the Operation and Maintenance Training, Testing and Commissioning (free of charge).</p>	
WARRANTY	<p>Pursuant to Section 62.1 of the Updated 2016 Revised IRR od RA 9184, in order to assure that manufacturing defects shall be corrected by the supplier, a warranty security shall be required from the contract awardee for a minimum period of one (1) year after acceptance by the Procuring Entity of the generator sets.</p> <p>The obligation for the warranty shall be covered by either retention money in an amount equivalent to at least one percent (1%) but not to exceed five percent (5%) of every progress payment, or a special bank guarantee equivalent to at least one percent (1%) but not to exceed five percent (5%) of the total contract price. The said amounts shall only be released after the lapse of the warranty period</p>	
DELIVERY	Generator set including all items and its accessories must be delivered within Forty-Five (45) Calendar Days from Receipt of the Notice to Proceed.	
SPECIAL PROVISION	Bidder must have been engaged in the sale and service maintenance of	

	generator set in good standing in the Philippines for at least five (5) years from the date of the invitation to bid. The generator set brand must have good quality track record and must have been commercially sold and distributed in the Philippines for at least five (5) years from the date of the Invitation to Bid.	
OTHERS	<p>After Sales Service and Support during the warranty period, all reported defects shall be completely/satisfactorily repaired/replaced by all the winning bidder/supplier within 72 hours after receipt of a verbal and/or written notice from the procuring entity.</p> <p>After the warranty period, spare parts or components shall be supplied as promptly as possible, but in any case, within one month upon placing the order.</p> <p>Spare parts shall be available in the Philippine market.</p>	

THE SUPPLIER MAY OFFER MORE SUPERIOR SPECIFICATIONS AT NO ADDITIONAL COST TO PPMC.

3. On Pages 56 to 62 of the Bidding Documents, Form 5, Conformity with Technical Specifications shall be amended to read as follows:

FORM 5

CONFORMITY WITH THE TECHNICAL SPECIFICATIONS

ITEM	SPECIFICATIONS	STATEMENT OF COMPLIANCE
		<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</p>

		compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of ITB Clause 4.
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A. SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF ONE (1) UNIT BRAND NEW STANDBY GENERATOR SET, 150 kVA, 220 VAC, 3 PHASE, 60 HZ SILENT TYPE WITH THE FOLLOWING MINIMUM SPECIFICATIONS:

SPECIFICATIONS		
GENERAL FEATURES	Diesel Engine	
	24 V DC start motor and storage battery	
	Brushless, IP23, insulation class H alternator	
	40°C radiator as standard, 50°C is optional	
	Key start panel control system as standard, digital auto start panel is optional	
VOLTAGE REGULATION		
• Power factor	Between 0.80 – 1.0 lag	
• Voltage Regulation	From No load to full load, any steady load	
• Speed drop	Variation under 4.5%	
ENGINE SPECIFICATION		
• Number of Cylinders	6	
• Cycle	4 cycles	
• Induction	Turbocharged air to air charged cooled	
• Displacement (liter)	5.9	
• Rated RPM	1800	
• Start Motor Voltage	24 VDC	
ALTERNATOR SPECIFICATION		
• Exciter Type	Brushless	
• Power Factor	0.80	
• Voltage Adjust Range	≥5% Voltage Regulation NL-FL: ≤±0.5%	
• Insulation Grade	H	
• Protection Grade	IP23	
• Prime Power	137.5KW	
• Standby Power	150 kVA	

• Phase	3	
• Voltage	220 V	
• Frequency	60Hz	
OTHER ACCESSORIES	Generator set is equipped with Muffler, Molded Case Circuit Breaker, Battery Charger and Batteries, Generator Set Controller, Meterings and Protection System.	
CABLES AND RACEWAYS INCLUDING EARTHING FOR GENERATOR SET	<p>Aerial installation of power cable (provide size and type of wire of power cable applicable to 150kVA) and raceway (with hangar brackets and support), approximately 30 meters length, from generator set to Manual Transfer Switch to panel board termination.</p> <p>Provide grounding.</p> <p>See Power Cable Line Diagram for the Administration Building for details.</p>	
TRANSFER SWITCH	<p>Supply and installation of Manual Transfer Switch, including termination to the panel board.</p> <p>Rated Current: 2-500 AT, 230 V, 3 Phase, 3 Pole Rated Voltage: 220-690 VAC Breaker type, MCCB with Mechanical Interlock Enclosure P/N: Nema 3R</p> <p>See Power Cable Line Diagram for the Administration Building for the location of Manual Transfer Switch.</p>	
SERVICES	<p>Supplier will provide Supervision, Testing and Commissioning of generator set unit on site including whole electrical system, Operation and Maintenance Training to PPMC personnel and end user.</p> <p>Supplier will provide fuel to the generator set during the entire duration of the Operation and Maintenance Training, Testing and</p>	

	Commissioning (free of charge).	
WARRANTY	<p>Pursuant to Section 62.1 of the Updated 2016 Revised IRR od RA 9184, in order to assure that manufacturing defects shall be corrected by the supplier, a warranty security shall be required from the contract awardee for a minimum period of one (1) year after acceptance by the Procuring Entity of the generator sets.</p> <p>The obligation for the warranty shall be covered by either retention money in an amount equivalent to at least one percent (1%) but not to exceed five percent (5%) of every progress payment, or a special bank guarantee equivalent to at least one percent (1%) but not to exceed five percent (5%) of the total contract price. The said amounts shall only be released after the lapse of the warranty period</p>	
DELIVERY	Generator set including all items and its accessories must be delivered within Forty-Five (45) Calendar Days from Receipt of the Notice to Proceed.	
SPECIAL PROVISION	Bidder must have been engaged in the sale and service maintenance of generator set in good standing in the Philippines for at least five (5) years from the date of the invitation to bid. The generator set brand must have good quality track record and must have been commercially sold and distributed in the Philippines for at least five (5) years from the date of the Invitation to Bid.	
OTHERS	After Sales Service and Support during the warranty period, all reported defects shall be completely/satisfactorily repaired/replaced by all the winning bidder/supplier within 72 hours after receipt of a verbal and/or written	

	<p>notice from the procuring entity.</p> <p>After the warranty period, spare parts or components shall be supplied as promptly as possible, but in any case, within one month upon placing the order.</p> <p>Spare parts shall be available in the Philippine market.</p>	
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B. SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF ONE (1) UNIT BRAND NEW STANDBY GENERATOR SET, 25 kVA, 220 VAC, 1 PHASE, 60 HZ SILENT TYPE WITH THE FOLLOWING MINIMUM SPECIFICATIONS:

SPECIFICATIONS

GENERAL FEATURES	Diesel Engine	
	12 V DC start motor and storage battery	
	Brushless, IP23, insulation class H alternator	
	40°C radiator as standard, 50°C is optional	
	Key start panel control system as standard, digital auto start panel is optional	
VOLTAGE REGULATION		
• Power factor	Between 0.80 – 1.0 lag	
• Voltage Regulation	From No load to full load, any steady load	
• Speed drop	Variation under 4.5%	
ENGINE SPECIFICATION		
• Number of Cylinders	4	
• Cycle	4 cycles	
• Induction	Turbocharged air to air charged cooled	
• Displacement (liter)	2.14	
• Rated RPM	1500	
• Start Motor Voltage	12 VDC	
ALTERNATOR SPECIFICATION		
• Exciter Type	Brushless	
• Power Factor	0.80	
• Voltage Adjust Range	≥5% Voltage Regulation NL-FL: ≤±0.5%	
• Insulation Grade	H	
• Protection Grade	IP23	
• Prime Power	20 KW	
• Standby Power	25 kVA	
• Phase	1	
• Voltage	220 V	

<ul style="list-style-type: none"> • Frequency 	60 Hz	
OTHER ACCESSORIES	Generator set is equipped with Muffler, Molded Case Circuit Breaker, Battery Charger and Batteries, Generator Set Controller, Meterings and Protection System.	
CABLES AND RACEWAYS INCLUDING EARTHING FOR GENERATOR SET	<p>Aerial installation of power cable (provide size and type of wire of power cable applicable to 25kVA) and raceway (with hangar brackets and support), approximately 30 meters length, from generator set to Manual Transfer Switch to panel board termination.</p> <p>Provide grounding.</p> <p>See Power Cable Line Diagram for the Security Operations Center Office for details.</p>	
TRANSFER SWITCH	<p>Supply and installation of Manual Transfer Switch, including termination to the panel board.</p> <p>Rated Current: 2-150 AT, 230 V, 1 Phase, 2 Pole Rated Voltage: 220-690 VAC Breaker type, MCCB with Mechanical Interlock Enclosure P/N: Nema 3R</p> <p>See Power Cable Line Diagram for the Security Operations Center Office for the location of Manual Transfer Switch.</p>	
SERVICES	<p>Supplier will provide Supervision, Testing and Commissioning of generator set unit on site including whole electrical system, Operation and Maintenance Training to PPMC personnel and end user.</p> <p>Supplier will provide fuel to the generator set during the entire duration of the Operation and Maintenance Training, Testing and Commissioning (free of charge).</p>	

<p>WARRANTY</p>	<p>Pursuant to Section 62.1 of the Updated 2016 Revised IRR od RA 9184, in order to assure that manufacturing defects shall be corrected by the supplier, a warranty security shall be required from the contract awardee for a minimum period of one (1) year after acceptance by the Procuring Entity of the generator sets.</p> <p>The obligation for the warranty shall be covered by either retention money in an amount equivalent to at least one percent (1%) but not to exceed five percent (5%) of every progress payment, or a special bank guarantee equivalent to at least one percent (1%) but not to exceed five percent (5%) of the total contract price. The said amounts shall only be released after the lapse of the warranty period</p>	
<p>DELIVERY</p>	<p>Generator set including all items and its accessories must be delivered within Forty-Five (45) Calendar Days from Receipt of the Notice to Proceed.</p>	
<p>SPECIAL PROVISION</p>	<p>Bidder must have been engaged in the sale and service maintenance of generator set in good standing in the Philippines for at least five (5) years from the date of the invitation to bid. The generator set brand must have good quality track record and must have been commercially sold and distributed in the Philippines for at least five (5) years from the date of the Invitation to Bid.</p>	
<p>OTHERS</p>	<p>After Sales Service and Support during the warranty period, all reported defects shall be completely/satisfactorily repaired/replaced by all the winning bidder/supplier within 72 hours after receipt of a verbal and/or written notice from the procuring entity.</p>	

	<p>After the warranty period, spare parts or components shall be supplied as promptly as possible, but in any case, within one month upon placing the order.</p> <p>Spare parts shall be available in the Philippine market.</p>	
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THE SUPPLIER MAY OFFER MORE SUPERIOR SPECIFICATIONS AT NO ADDITIONAL COST TO PPMC.

I hereby undertake to comply with all the above requirements.

Bidder's Representative : _____

Printed Name and Signature of Bidder's Representative/Authorized Signatory

Designation : _____

Date : _____

4. The following responses of the Bids and Awards Committee to the Requests for Clarification are made and integral part of this Supplemental/ Bid Bulletin:

No	Questions	Answer of the Bids and Awards Committee
1	Regarding the Manual Transfer Switch, what was indicated in your Technical Specifications is Air Circuit Breaker (ACB) Type which is MCCB only for this breaker rating.	<p>FOR ONE (1) UNIT BRAND NEW STANDBY GENERATOR SET, 150 kVA, 220 VAC, 3 PHASE, 60 HZ SILENT TYPE</p> <p>Rated Current: 2-500 AT, 230 V, 3 Phase, 3 Pole Rated Voltage: 220-690 VAC Breaker type, MCCB with Mechanical Interlock Enclosure P/N: Nema 3R</p> <p>FOR ONE (1) UNIT BRAND NEW STANDBY GENERATOR SET, 25 kVA, 220 VAC, 1 PHASE, 60 HZ SILENT TYPE</p> <p>Rated Current: 2-150 AT, 230 V, 1 Phase, 2 Pole Rated Voltage: 220-690 VAC Breaker type, MCCB with Mechanical Interlock Enclosure P/N: Nema 3R</p>
2	Are bidders allowed to conduct site inspection?	Yes. Site inspection is allowed. The availability of PPMC's Electro-mechanical Officer is Tuesdays,

		Wednesdays and Thursdays from 8:00 AM to 5:00 PM.
3	Can we conduct site inspection after this Pre-bid Conference?	Yes. You can conduct site inspection after the Pre-bid Conference
4	Regarding the rating of the 25kVA Generator Set, since it is a small rating, should it be non-turbo?	FOR ONE (1) UNIT BRAND NEW STANDBY GENERATOR SET, 25 kVA, 220 VAC, 1 PHASE, 60 HZ SILENT TYPE It should be Induction: Turbocharged air to air charged cooled
5	Do you have preferred brands for the Generator Sets?	None because pursuant to Section 18 of the Updated 2016 Revised IRR of RA 9184 provides that reference to brand names shall not be allowed
6	If the bidder has only been registered for two years, will they be eligible to submit bid? Aside from the requirement, bidder must have been engaged in the sale and service maintenance of generator set in good standing in the Philippines for at least five (5) years from the date of the invitation to bid, are there other requirements needed to be submitted for the key personnel?	Bidder must have been engaged in the sale and service maintenance of generator set in good standing in the Philippines for at least five (5) years from the date of the invitation to bid. We clarify that what we are looking for are bidders who will supply generator sets. This is a procurement for goods not for infrastructure projects. There is no need to identify and submit documents pertaining to Key Personnel because such requirement is for the procurement of infrastructure projects only.
7	For any brand of generator sets, they have different displacement rating. However, it was indicated in your technical specifications that the supplier may offer more superior specifications at no additional cost to PPMC. If this is the case, then it means that any brand will be accepted and the displacement can also be changed?	What were indicated in the Technical Specifications are only minimum specifications; if bidders will be offering more superior specifications at no additional cost to PPMC, this is allowed.
8	If we will be submitting our bid through electronic mode of submission, are we still required to submit the hard copy of the technical and financial component of our bid?	During the opening of bids, we will only check the bid submitted through electronic means. Once declared as the Lowest Calculated Bid, the BAC and TWG will check the original copy of the technical and financial component of your bid
9	Can we submit our bid through courier?	Yes. Please make sure that your bid will be delivered and received by the BAC Secretariat before the deadline for the submission of bids.
10	How many copies will we prepare?	One (1) Original and Two (2) Copies
11	Can we submit our bid online and at the same time send it also through courier?	Bid submission through online is accepted, however, it is not necessary that you submit two bids. If you already sent your bid through email, this will be acknowledged by the BAC Secretariat. If you still want to submit your bid through email and through courier, just make sure that what you have submitted will be the same, because if not, this can be

		considered as multiple bid which may lead to disqualification. Thus, it is better for bidders to just choose one mode of submission.
12	On the starting of generator set, key start is an old technology, now digital controller is being used and no key required, only touch button.	What was indicated in the Technical Specifications are only minimum specifications, if bidders will be offering more superior specifications at no additional cost to PPMC, this is allowed.
13	Is the 1500 rated RPM for the 25 kVA Generator Set, correct? Is this not 1800 RPM?	What were indicated in the Technical Specifications are only minimum specifications; if bidders will be offering more superior specifications at no additional cost to PPMC, this is allowed.
14	For the 150 kVA Generator Set, is the ACB Type Breaker ranges from 1000 AT – 6000 AT?	FOR ONE (1) UNIT BRAND NEW STANDBY GENERATOR SET, 150 kVA, 220 VAC, 3 PHASE, 60 HZ SILENT TYPE Rated Current: 2-500 AT, 230 V, 3 Phase, 3 Pole Rated Voltage: 220-690 VAC Breaker type, MCCB with Mechanical Interlock Enclosure P/N: Nema 3R
15	For the 150 kVA Generator Set, what is the correct type of enclosure? Is it Nema 1, Nema 3, Nema 3R, Nema 3RX, Nema 4, Nema 4X or Nema 12?	Enclosure P/N: Nema 3R
16	For the 25 kVA Generator Set, is the ACB Type Breaker ranges from 1000 AT – 6000 AT?	FOR ONE (1) UNIT BRAND NEW STANDBY GENERATOR SET, 25 kVA, 220 VAC, 1 PHASE, 60 HZ SILENT TYPE Rated Current: 2-150 AT, 230 V, 1 Phase, 2 Pole Rated Voltage: 220-690 VAC Breaker type, MCCB with Mechanical Interlock Enclosure P/N: Nema 3R
17	For the 25 kVA Generator Set, what is the correct type of enclosure? Is it Nema 1, Nema 3, Nema 3R, Nema 3RX, Nema 4, Nema 4X or Nema 12?	Enclosure P/N: Nema 3R

This Supplemental/ Bid Bulletin No.1 shall form part and made integral to the Bidding Documents.

For the guidance and information of all concerned.

Issued this 27th day of October 2023.

Approved by:

BIDS AND AWARDS COMMITTEE FOR THE PROCUREMENT OF GOODS



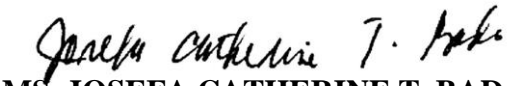
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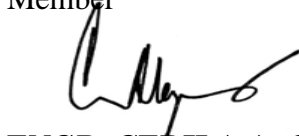
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