



PHILIPPINE
PORTS
AUTHORITY



SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF 28 UNITS GENERATOR SETS FOR PORT MANAGEMENT OFFICES (PMOs)

**BID DOCS
ASD-020-2023**

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Glossary of Acronyms, Terms, and Abbreviations

ABC – Approved Budget for the Contract.

BAC – Bids and Awards Committee.

Bid – A signed offer or proposal to undertake a contract submitted by a bidder in response to and in consonance with the requirements of the bidding documents. Also referred to as *Proposal* and *Tender*. (2016 revised IRR, Section 5[c])

Bidder – Refers to a contractor, manufacturer, supplier, distributor and/or consultant who submits a bid in response to the requirements of the Bidding Documents. (2016 revised IRR, Section 5[d])

Bidding Documents – The documents issued by the Procuring Entity as the bases for bids, furnishing all information necessary for a prospective bidder to prepare a bid for the Goods, Infrastructure Projects, and/or Consulting Services required by the Procuring Entity. (2016 revised IRR, Section 5[e])

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

Consulting Services – Refer to services for Infrastructure Projects and other types of projects or activities of the GOP requiring adequate external technical and professional expertise that are beyond the capability and/or capacity of the GOP to undertake such as, but not limited to: (i) advisory and review services; (ii) pre-investment or feasibility studies; (iii) design; (iv) construction supervision; (v) management and related services; and (vi) other technical services or special studies. (2016 revised IRR, Section 5[i])

CDA - Cooperative Development Authority.

Contract – Refers to the agreement entered into between the Procuring Entity and the Supplier or Manufacturer or Distributor or Service Provider for procurement of Goods and Services; Contractor for Procurement of Infrastructure Projects; or Consultant or Consulting Firm for Procurement of Consulting Services; as the case may be, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

CIF – Cost Insurance and Freight.

CIP – Carriage and Insurance Paid.

CPI – Consumer Price Index.

DDP – Refers to the quoted price of the Goods, which means “delivered duty paid.”

DTI – Department of Trade and Industry.

EXW – Ex works.

FCA – “Free Carrier” shipping point.

FOB – “Free on Board” shipping point.

Foreign-funded Procurement or Foreign-Assisted Project– Refers to procurement whose funding source is from a foreign government, foreign or international financing institution as specified in the Treaty or International or Executive Agreement. (2016 revised IRR, Section 5[b]).

Framework Agreement – Refers to a written agreement between a procuring entity and a supplier or service provider that identifies the terms and conditions, under which specific purchases, otherwise known as “Call-Offs,” are made for the duration of the agreement. It is in the nature of an option contract between the procuring entity and the bidder(s) granting the procuring entity the option to either place an order for any of the goods or services identified in the Framework Agreement List or not buy at all, within a minimum period of one (1) year to a maximum period of three (3) years. (GPPB Resolution No. 27-2019)

GFI – Government Financial Institution.

GOCC – Government-owned and/or –controlled corporation.

Goods – Refer to all items, supplies, materials and general support services, except Consulting Services and Infrastructure Projects, which may be needed in the transaction of public businesses or in the pursuit of any government undertaking, project or activity, whether in the nature of equipment, furniture, stationery, materials for construction, or personal property of any kind, including non-personal or contractual services such as the repair and maintenance of equipment and furniture, as well as trucking, hauling, janitorial, security, and related or analogous services, as well as procurement of materials and supplies provided by the Procuring Entity for such services. The term “related” or “analogous services” shall include, but is not limited to, lease or purchase of office space, media advertisements, health maintenance services, and other services essential to the operation of the Procuring Entity. (2016 revised IRR, Section 5[r])

GOP – Government of the Philippines.

GPPB – Government Procurement Policy Board.

INCOTERMS – International Commercial Terms.

Infrastructure Projects – Include the construction, improvement, rehabilitation, demolition, repair, restoration or maintenance of roads and bridges, railways, airports, seaports, communication facilities, civil works components of information technology projects, irrigation, flood control and drainage, water supply, sanitation, sewerage and solid waste management systems, shore protection, energy/power and electrification facilities, national buildings, school buildings, hospital buildings, and other related construction projects of the government. Also referred to as *civil works or works*. (2016 revised IRR, Section 5[u])

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PhilGEPS - Philippine Government Electronic Procurement System.

Procurement Project – refers to a specific or identified procurement covering goods, infrastructure project or consulting services. A Procurement Project shall be described, detailed, and scheduled in the Project Procurement Management Plan prepared by the agency which shall be consolidated in the procuring entity's Annual Procurement Plan. (GPPB Circular No. 06-2019 dated 17 July 2019)

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

Supplier – refers to a citizen, or any corporate body or commercial company duly organized and registered under the laws where it is established, habitually established in business and engaged in the manufacture or sale of the merchandise or performance of the general services covered by his bid. (Item 3.8 of GPPB Resolution No. 13-2019, dated 23 May 2019). Supplier as used in these Bidding Documents may likewise refer to a distributor, manufacturer, contractor, or consultant.

UN – United Nations.



PHILIPPINE
PORTS
AUTHORITY



INVITATION TO BID BAGONG PILIPINAS

FOR THE SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF 28 UNITS GENERATOR SETS FOR PORT MANAGEMENT OFFICES (PMOs)

The Philippine Ports Authority, through the Corporate Budget of the Authority for CY 2023, intends to apply the sum of **P220,000,000.00** being the Approved Budget for the Contract (ABC) to payments under the contract for the Supply, Delivery, Installation, Testing and Commissioning of 28 Units Generator Sets for Port Management Offices (ASD-020-2023). Bids received in excess of the ABC shall be automatically rejected at bid opening.

The Philippine Ports Authority now invites bids for the above Procurement Project. Delivery at warehouse within Metro Manila (for inspection of PPA Head Office representatives is required within Ninety (90) calendar days from the receipt by the successful bidder of the Notice to Proceed while delivery, installation, testing and commissioning at the PMOs is required within Sixty (60) calendar days after inspection and acceptance by PPA Head Office representatives. Bidders should have completed, within five (5) years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).

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.

Prospective Bidders may obtain further information from the Philippine Ports Authority Bids and Awards Committee (BAC) and inspect the Bidding Documents at the address given below during 8:00 a.m. to 5:00 p.m., Monday to Friday.

A complete set of Bidding Documents may be acquired by interested Bidders starting on **25 August 2023** from the given address and website(s) below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **Fifty Thousand (P50,000.00) Pesos**. The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person.

The Philippine Ports Authority's Bids and Awards Committee will hold a Pre-Bid Conference on **04 September 2023 at 10:00 a.m.** at the PPA Function Room, 7th Floor, PPA Bldg., Bonifacio Drive, South Harbor, Port Area, Manila, which shall be open to all prospective bidders.

Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below on or before **19 September 2023 at 9:00 a.m.** Late bids shall not be accepted.

All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in ITB Clause 14.

Bid opening shall be on **19 September 2023 at 10:00 a.m.** at the 7th Floor, PPA Building, A. Bonifacio Drive, South Harbor, Port Area, Manila. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.

The Philippine Ports Authority 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 Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.

For further information, please refer to:

BAC Secretariat, Philippine Ports Authority
5th Floor, PPA Bldg., A. Bonifacio Drive,
South Harbor, Port Area, Manila
Telephone Nos. 527-47-35
527-83-56 to 83 loc. 539
PPA Website: www.ppa.com.ph
PhilGEPS Website: www.philgeps.gov.ph



MARK JON S. PALOMAR
Chairperson, PPA Head Office Bids and Awards
Committee for the Procurement of Goods and
Consultancy Services (HO-BAC-PGCS)

Section II. Instructions to Bidders

1. Scope of Bid

The Procuring Entity, PHILIPPINE PORTS AUTHORITY wishes to receive Bids for the **Supply, Delivery, Installation, Testing and Commissioning of 28 Units Generator Sets for Port Management Offices (PMOs)**, with identification number **ASD-020-2023**.

The Procurement Project (referred to herein as "Project") is composed of a single lot, the details of which are described in Section VII (Technical Specifications).

2. Funding Information

2.1. The Philippine Ports Authority through its corporate budget for the Calendar Year (CY) 2023 in the amount of **TWO HUNDRED TWENTY MILLION PESOS (Php220,000,000.00)**.

2.2. The source of funding is the Corporate Budget of the PHILIPPINE PORTS AUTHORITY.

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 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 at least fifty percent (50%) of the ABC.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

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

- 7.1 The Bidder may subcontract portions of the Project to the extent allowed by the Procuring Entity as stated herein, but in no case more than twenty percent (20%) of the Project.

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 on the specified date and time and either at its physical address at the PPA Function Room, 7th Floor, PPA Building, Bonifacio Drive, South Harbor, Port Area, Manila and/or through videoconferencing/webcasting 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 five (5) 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 for One Hundred Twenty (120) calendar days from the date of the opening of bids. 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 the 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.

If the Procuring Entity allows the submission of bids through online submission or any other electronic means, the Bidder shall submit an electronic copy of its Bid, which must be digitally signed. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.

16. Deadline for Submission of Bids

16.1. The Bidders shall submit on the specified date and time and either at its physical address or through online submission as indicated in paragraph 7 of the **IB**.

17. Opening and Preliminary Examination of Bids

- 17.1. The BAC shall open the Bids in public at the time, on the date, and at the place 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 as 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

- 20.1. 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**.

Bid Data Sheet

ITB Clause	
5.3	<p>For this purpose, contracts similar to the Project shall be:</p> <ul style="list-style-type: none"> a. contract for the Supply, Delivery, Installation and Commissioning of Generator Sets. b. completed within the last five (5) years prior to the deadline for the submission and receipt of bids.
7.1	Subcontracting is not allowed.
12	The price of the Goods shall be quoted DDP <i>[Manila]</i> or the applicable International Commercial Terms (INCOTERMS) for this Project.
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> <ul style="list-style-type: none"> a. The amount of not less than Four Million Four Hundred Thousand Pesos (Php4,400,000.00), 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 Eleven Million Pesos (Php11,000,000.00) if bid security is in Surety Bond.
15	<p>Each Bidder shall submit ONE (1) original and SIX (6) copies of its Technical and Financial Components of its Bid in two (2) separate sealed bid envelopes, which should be submitted simultaneously. Each of the bid documents should be individually sealed.</p> <p>All bid documents shall be book-bound with hard cover and properly labelled with index tabs. Failure to comply with the said requirements is a ground for automatic disqualification of the bidder.</p>
19.3	Partial bid is not allowed. The goods are grouped in a single lot and the lot shall not be divided into sub-lots for the purpose of bidding, evaluation, and contract award.
20.1	No additional requirements.
21.1	No additional requirements.

Section IV. General Conditions of Contract

1. Scope of Contract

This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. All the provisions of RA No. 9184 and its 2016 revised IRR, including the Generic Procurement Manual, and associated issuances, constitute the primary source for the terms and conditions of the Contract, and thus, applicable in contract implementation. Herein clauses shall serve as the secondary source for the terms and conditions of the Contract.

This is without prejudice to Sections 74.1 and 74.2 of the 2016 revised IRR of RA No. 9184 allowing the GPPB to amend the IRR, which shall be applied to all procurement activities, the advertisement, posting, or invitation of which were issued after the effectivity of the said amendment.

Additional requirements for the completion of this Contract shall be provided in the **Special Conditions of Contract (SCC)**.

2. Advance Payment and Terms of Payment

- 2.1. Advance payment of the contract amount is provided under Annex "D" of the revised 2016 IRR of RA No. 9184.
- 2.2. The Procuring Entity is allowed to determine the terms of payment on the partial or staggered delivery of the Goods procured, provided such partial payment shall correspond to the value of the goods delivered and accepted in accordance with prevailing accounting and auditing rules and regulations. The terms of payment are indicated in the SCC.

3. Performance Security

Within ten (10) calendar days from receipt of the Notice of Award by the Bidder from the Procuring Entity but in no case later than prior to the signing of the Contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR of RA No. 9184.

4. Inspection and Tests

The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Project specifications at no extra cost to the Procuring Entity in accordance with the Generic Procurement Manual. In addition to tests in the SCC, **Section IV (Technical Specifications)** shall specify what inspections and/or tests the Procuring Entity requires, and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.

All reasonable facilities and assistance for the inspection and testing of Goods, including access to drawings and production data, shall be provided by the Supplier to the authorized inspectors at no charge to the Procuring Entity.

5. Warranty

- 6.1. In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier as provided under Section 62.1 of the 2016 revised IRR of RA No. 9184.
- 6.2. The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall, repair or replace the defective Goods or parts thereof without cost to the Procuring Entity, pursuant to the Generic Procurement Manual.

6. Liability of the Supplier

The Supplier's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

If the Supplier is a joint venture, all partners to the joint venture shall be jointly and severally liable to the Procuring Entity.

Section V. Special Conditions of Contract

Special Conditions of Contract

GCC Clause

1

Delivery and Documents –

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:

[For Goods supplied from abroad, state:] “The delivery terms applicable to the Contract are DDP delivered [indicate place of destination]. In accordance with INCOTERMS.”

For Goods supplied from within the Philippines, state:] “The delivery terms applicable to this Contract are delivered [indicate place of destination]. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.”

Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).

For purposes of this Clause the Procuring Entity’s Representative at the Project Site are: Philippine Ports Authority, Port Management Offices (PMOs), as follows:

Generator Set Requirements				
	PMO	Capacity	Qty.	Deployment
1	Bataan/Aurora	350 KVA, 3 Phase	1	Baseport
		350 KVA, 3 Phase	1	TMO Capinpin
2	NCR North	15 KVA, 3 Phase	1	VTMS Radar Station
3	Northern Luzon	300 KVA, 3 Phase	1	POB Currimao
		165 KVA, 3 Phase	1	PTB Currimao
		15 KVA, Single Phase	1	Port of Salomague
		50 KVA, 3 Phase	1	TMO Office Bldg-Masinloc Zambales
4	Bicol	250 KVA, 3 Phase	1	Port of Pio Duran
		250 KVA, 3 Phase	1	Port of Pasacao (Camarines)

		5	Palawan	300 KVA, 3 Phase	1	POB Bldg. Coron
				50 KVA, Single Phase	1	Port of San Fernando, El Nido
				50 KVA, Single Phase	1	Port of Borac, Coron
				50 KVA, Single Phase	1	Port of Taytay
				50 KVA, Single Phase	1	Port of Narra
				50 KVA, Single Phase	1	Port of Balabac
		6	Zamboanga	853 KVA, 3 Phase	1	New PTB Building
		7	Misamis Oriental/ CDO	300 KVA, 3 Phase	1	Baseport
				50 KVA, Single Phase	1	Port of Guinsiliban
		8	Misamis Occidental/ Ozamis	300 KVA, 3 Phase	1	Baseport
		9	Batangas	75 KVA, 3 Phase	1	Port of Talaga
		10	Panay/Guimaras	50 KVA, Single Phase	1	Port of Dumaguait
				15 KVA, Single Phase	1	Port of Caticlan
				50 KVA, Single Phase	1	Port of Lipata
				15 KVA, Single Phase	1	Port of Sibunag
				50 KVA, Single Phase	1	Port of Buenavista
		11	Davao	300 KVA, 3 Phase	1	Baseport
				50 KVA, Single Phase	1	Baseport PPD Office
				50 KVA, Single Phase	1	Port of Maco
		TOTAL NO. OF UNITS				

Incidental Services –

The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements:

- 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; and
- 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.

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.

Spare Parts –

The Supplier is required to provide all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:

- 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:
 - 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.

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.

The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts or components for the Goods for a period of at least **five (5) years from the purchase of the subject units.**

Spare parts or components shall be supplied as promptly as possible, but in any case, within two (2) months of placing the order.

Packaging –

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.

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.

The outer packaging must be clearly marked on at least four (4) sides as follows:

Name of the Procuring Entity

Name of the Supplier

Contract Description

Final Destination

Gross weight

Any special lifting instructions

Any special handling instructions

Any relevant HAZCHEM classifications

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.

Transportation –

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.

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.

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>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>The terms of payment shall be as follows:</p> <ol style="list-style-type: none"> 1. 70% of contract cost – after inspection and acceptance by PPA Head Office. 2. 30% of contract cost – after installation, testing, commissioning, inspection and acceptance by PMOs.
4	<p>The inspection and tests that will be conducted are:</p> <ol style="list-style-type: none"> 1. Delivery at warehouse within Metro Manila (for inspection of PPA Head Office representatives). 2. The equipment shall be tested (on/off and running for at least 10 minutes) after installation to the respective PMOs as per deployment list.

Section VI. Schedule of Requirements

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

Item Number	Description¹	Quantity	Total	Delivered, Weeks/Months
	<p>Supply, Delivery, Installation, Testing and Commissioning of 28 Units Generator Sets for Port Management Offices (PMOs), subject to the following schedule:</p> <p>1. Delivery at warehouse within Metro Manila (for inspection of PPA Head Office representatives)</p> <p>2. Delivery, installation, testing and commissioning at the PMOs.</p>			<p>Within ninety (90) calendar days from receipt of Notice to Proceed.</p> <p>Within sixty (60) calendar days after inspection and acceptance by PPA Head Office representatives.</p>

¹ Subject to the Deployment and Technical Specifications under Items III and V, respectively, of the Terms of Reference.

Section VII. Technical Specifications

Technical Specifications

Item	Specification	Statement of Compliance
		<p><i>[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</i></p>

		<p><i>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.]</i></p>
	SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF 28 UNITS GENERATOR SETS FOR PORT MANAGEMENT OFFICES (PMOs)	
	SCOPE OF WORK	

1. Supply and delivery of the brand new generator sets and Automatic Transfer Switch (ATS).
2. Mobilization of manpower, equipment and technical supervision.
3. Installation of the equipment at the designated deployment ports.
4. Testing and commissioning of the equipment per port or terminal.

DEPLOYMENT

Generator Set Requirements				
	PMO	Capacity	Qty.	Deployment
1	Bataan/Aurora	350 KVA, 3 Phase	1	Baseport
		350 KVA, 3 Phase	1	TMO Capinpin
2	NCR North	15 KVA, 3 Phase	1	VTMS Radar Station
3	Northern Luzon	300 KVA, 3 Phase	1	POB Currinao
		165 KVA, 3 Phase	1	PTB Currinao
		15 KVA, Single Phase	1	Port of Salomague
		50 KVA, 3 Phase	1	TMO Office Bldg-Masinloc Zambales
4	Bicol	250 KVA, 3 Phase	1	Port of Pio Duran
		250 KVA, 3 Phase	1	Port of Pasacao (Camarines)
5	Palawan	300 KVA, 3 Phase	1	POB Bldg. Coron
		50 KVA, Single Phase	1	Port of San Fernando, El Nido
		50 KVA, Single Phase	1	Port of Borac, Coron
		50 KVA, Single Phase	1	Port of Taytay
		50 KVA, Single Phase	1	Port of Narra
		50 KVA, Single Phase	1	Port of Balabac
6	Zamboanga	853 KVA, 3 Phase	1	New PTB Building
7	Misamis Oriental/CDO	300 KVA, 3 Phase	1	Baseport
		50 KVA, Single Phase	1	Port of Guinsiliban
8	Misamis Occidental/Ozamis	300 KVA, 3 Phase	1	Baseport
9	Batangas	75 KVA, 3 Phase	1	Port of Talaga
10	Panay/Guimaras	50 KVA, Single Phase	1	Port of Dumaguait
		15 KVA, Single Phase	1	Port of Caticlan
		50 KVA, Single Phase	1	Port of Lipata
		15 KVA, Single Phase	1	Port of Sibunag
		50 KVA, Single Phase	1	Port of Buenavista
11	Davao	300 KVA, 3 Phase	1	Baseport
		50 KVA, Single Phase	1	Baseport PPD Office
		50 KVA, Single Phase	1	Port of Maco
TOTAL NO. OF UNITS			28	

TECHNICAL SPECIFICATIONS**1. One (1) Unit 350KVA Prime Power Generator Set
Baseport of PMO Bataan/Aurora**

Number of cylinders	6
Cylinder arrangement	In-Line
Aspiration	Turbocharged
Prime Rating Power (kW/kVA)	280kW/350kVA
Standby Rating Power (kW/kVA)	308kW/385kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	3
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	81L/H
Fuel Tank Capacity	480L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**2. One (1) Unit 350KVA Prime Power Generator Set
TMO Capinpin, PMO Bataan/Aurora**

Number of cylinders	6
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	280kW/350kVA
Standby Rating Power (kW/kVA)	308kW/385kVA

Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	3
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	81L/H
Fuel Tank Capacity	480L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**3. One (1) Unit 15KVA Prime Power Generator Set
Port of VTMS Radar Station, PMO NCR North**

Number of cylinders	4
Cylinder arrangement	In-Line
Aspiration	Naturally Aspirated
Prime Rating Power (kW/kVA)	12kW/15kVA
Standby Rating Power (kW/kVA)	13.2kW/16.5kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	3
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	7.1L/H
Fuel Tank Capacity	85L
Insulation	Class H

Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**4. One (1) Unit 300KVA Prime Power Generator Set
POB Currimao, PMO Northern Luzon**

Number of cylinders	6
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	240kW/300kVA
Standby Rating Power (kW/kVA)	264kW/330kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	3
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	68L/H
Fuel Tank Capacity	480L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**5. One (1) Unit 165KVA Prime Power Generator Set
PTB Currimao, PMO Northern Luzon**

Number of cylinders	6
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling

Prime Rating Power (kW/kVA)	132kW/165kVA
Standby Rating Power (kW/kVA)	145.2kW/181.5kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	3
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	44L/H
Fuel Tank Capacity	350L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**6. One (1) Unit 15KVA Prime Power Generator Set
Port of Salomague, PMO Northern Luzon**

Number of cylinders	4
Cylinder arrangement	In-Line
Aspiration	Naturally Aspirated
Prime Rating Power (kW/kVA)	15kW/15kVA
Standby Rating Power (kW/kVA)	16.5kW/16.5kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	1
Rpm	1800
Volts	230Vac
Frequency	60hZ

Power Factor	0.8
Fuel consumption at 100% load (L/H)	7.1L/H
Fuel Tank Capacity	85L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**7. One (1) Unit 50KVA Prime Power Generator Set
TMO Bldg. Masinloc Zambales, PMO Northern Luzon**

Number of cylinders	4
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	40kW/50kVA
Standby Rating Power (kW/kVA)	44kW/55kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	3
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	15.9 L/H
Fuel Tank Capacity	85L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**8. One (1) Unit 250KVA Prime Power Generator Set
Port of Pio Duran, PMO Bicol**

Number of cylinders	6
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	200kW/250kVA
Standby Rating Power (kW/kVA)	220kW/275kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	3
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	59L/H
Fuel Tank Capacity	350L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**9. One (1) Unit 250KVA Prime Power Generator Set
Port of Pasacao (Camarines), PMO Bicol**

Number of cylinders	6
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	200kW/250kVA
Standby Rating Power (kW/kVA)	220kW/275kVA
Control Panel	Digital
Speed governor	Electronic

Cooling system	Water Cooling Cycle
Phase	3
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	59L/H
Fuel Tank Capacity	350L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**10. One (1) Unit 300KVA Prime Power Generator Set
POB Bldg. Coron, PMO Palawan**

Number of cylinders	6
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	240kW/300kVA
Standby Rating Power (kW/kVA)	264kW/330kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	3
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	68L/H
Fuel Tank Capacity	480L
Insulation	Class H
Starter motor	24V

	Exciter type	Single bearing, Brushless, Self-excited	
11. One (1) Unit 50KVA Prime Power Generator Set Port of San Fernando, PMO Palawan			
	Number of cylinders	4	
	Cylinder arrangement	In-Line	
	Aspiration	Turbocharged after-water cooling	
	Prime Rating Power (kW/kVA)	50kW/50kVA	
	Standby Rating Power (kW/kVA)	55kW/55kVA	
	Control Panel	Digital	
	Speed governor	Electronic	
	Cooling system	Water Cooling Cycle	
	Phase	1	
	Rpm	1800	
	Volts	230Vac	
	Frequency	60hZ	
	Power Factor	0.8	
	Fuel consumption at 100% load (L/H)	15.9 L/H	
	Fuel Tank Capacity	120L	
	Insulation	Class H	
	Starter motor	24V	
	Exciter type	Single bearing, Brushless, Self-excited	
12. One (1) Unit 50KVA Prime Power Generator Set Port of Borac Coron, PMO Palawan			
	Number of cylinders	4	
	Cylinder arrangement	In-Line	
	Aspiration	Turbocharged after-water cooling	

Prime Rating Power (kW/kVA)	50kW/50kVA
Standby Rating Power (kW/kVA)	55kW/55kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	1
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	15.9 L/H
Fuel Tank Capacity	120L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**13. One (1) Unit 50KVA Prime Power Generator Set
Port of Taytay, PMO Palawan**

Number of cylinders	4
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	50kW/50kVA
Standby Rating Power (kW/kVA)	55kW/55kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	1
Rpm	1800
Volts	230Vac

Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	15.9 L/H
Fuel Tank Capacity	120L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**14. One (1) Unit 50KVA Prime Power Generator Set
Port of Narra, PMO Palawan**

Number of cylinders	4
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	50kW/50kVA
Standby Rating Power (kW/kVA)	55kW/55kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	1
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	15.9 L/H
Fuel Tank Capacity	120L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**15. One (1) Unit 50KVA Prime Power Generator Set
Port of Balabac, PMO Palawan**

Number of cylinders	4
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	50kW/50kVA
Standby Rating Power (kW/kVA)	55kW/55kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	1
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	15.9 L/H
Fuel Tank Capacity	120L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**16. One (1) Unit 853KVA Prime Power Generator Set
Port of New PTB Bldg., PMO Zamboanga**

Number of cylinders	12
Cylinder arrangement	V-Type
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	682.4kW/853kVA
Standby Rating Power (kW/kVA)	750.64kW/938.3kVA
Control Panel	Digital
Speed governor	Electronic

Cooling system	Water Cooling Cycle
Phase	3
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	216g/kw.h
Fuel Tank Capacity	1200L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**17. One (1) Unit 300KVA Prime Power Generator Set
Baseport of Misamis Oriental**

Number of cylinders	6
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	240kW/300kVA
Standby Rating Power (kW/kVA)	264kW/330kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	3
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	68L/H
Fuel Tank Capacity	480L
Insulation	Class H
Starter motor	24V

Exciter type	Single bearing, Brushless, Self-excited
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**18. One (1) Unit 50KVA Prime Power Generator Set
Port of Guinsiliban, PMO Misamis Oriental**

Number of cylinders	4
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	50kW/50kVA
Standby Rating Power (kW/kVA)	55kW/55kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	1
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	15.9 L/H
Fuel Tank Capacity	120L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**19. One (1) Unit 300KVA Prime Power Generator Set
Baseport of Misamis Occidental**

Number of cylinders	6
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	240kW/300kVA

	Standby Rating Power (kW/kVA)	264kW/330kVA	
	Control Panel	Digital	
	Speed governor	Electronic	
	Cooling system	Water Cooling Cycle	
	Phase	3	
	Rpm	1800	
	Volts	230Vac	
	Frequency	60hZ	
	Power Factor	0.8	
	Fuel consumption at 100% load (L/H)	68L/H	
	Fuel Tank Capacity	480L	
	Insulation	Class H	
	Starter motor	24V	
	Exciter type	Single bearing, Brushless, Self-excited	
20. One (1) Unit 75KVA Prime Power Generator Set			
Port of Talaga, PMO Batangas			
	Number of cylinders	4	
	Cylinder arrangement	In-Line	
	Aspiration	Turbocharged after-water cooling	
	Prime Rating Power (kW/kVA)	60kW/75kVA	
	Standby Rating Power (kW/kVA)	66kW/82.5kVA	
	Control Panel	Digital	
	Speed governor	Electronic	
	Cooling system	Water Cooling Cycle	
	Phase	3	
	Rpm	1800	
	Volts	230Vac	
	Frequency	60hZ	
	Power Factor	0.8	

	<table border="1"> <tr> <td data-bbox="849 1845 1273 2047">Fuel consumption at 100% load (L/H)</td><td data-bbox="469 1845 849 2047">15.9 L/H</td></tr> <tr> <td data-bbox="849 1621 1273 1845">Fuel Tank Capacity</td><td data-bbox="469 1621 849 1845">120L</td></tr> <tr> <td data-bbox="849 1397 1273 1621">Insulation</td><td data-bbox="469 1397 849 1621">Class H</td></tr> <tr> <td data-bbox="849 1173 1273 1397">Starter motor</td><td data-bbox="469 1173 849 1397">24V</td></tr> <tr> <td data-bbox="849 949 1273 1173">Exciter type</td><td data-bbox="469 949 849 1173">Single bearing, Brushless, Self-excited</td></tr> </table>	Fuel consumption at 100% load (L/H)	15.9 L/H	Fuel Tank Capacity	120L	Insulation	Class H	Starter motor	24V	Exciter type	Single bearing, Brushless, Self-excited																										
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Fuel Tank Capacity	120L																																				
Insulation	Class H																																				
Starter motor	24V																																				
Exciter type	Single bearing, Brushless, Self-excited																																				
	<p>21. One (1) Unit 50KVA Prime Power Generator Set Port of Dumaguite, PMO Panay/Guimaras</p> <table border="1"> <tr> <td data-bbox="849 1397 1273 1442">Number of cylinders</td><td data-bbox="469 1397 849 1442">4</td></tr> <tr> <td data-bbox="849 1330 1273 1397">Cylinder arrangement</td><td data-bbox="469 1330 849 1397">In-Line</td></tr> <tr> <td data-bbox="849 1240 1273 1330">Aspiration</td><td data-bbox="469 1240 849 1330">Turbocharged after-water cooling</td></tr> <tr> <td data-bbox="849 1151 1273 1240">Prime Rating Power (kW/KVA)</td><td data-bbox="469 1151 849 1240">50kW/50KVA</td></tr> <tr> <td data-bbox="849 1061 1273 1151">Standby Rating Power (kW/KVA)</td><td data-bbox="469 1061 849 1151">55kW/55KVA</td></tr> <tr> <td data-bbox="849 994 1273 1061">Control Panel</td><td data-bbox="469 994 849 1061">Digital</td></tr> <tr> <td data-bbox="849 927 1273 994">Speed governor</td><td data-bbox="469 927 849 994">Electronic</td></tr> <tr> <td data-bbox="849 860 1273 927">Cooling system</td><td data-bbox="469 860 849 927">Water Cooling Cycle</td></tr> <tr> <td data-bbox="849 792 1273 860">Phase</td><td data-bbox="469 792 849 860">1</td></tr> <tr> <td data-bbox="849 725 1273 792">Rpm</td><td data-bbox="469 725 849 792">1800</td></tr> <tr> <td data-bbox="849 658 1273 725">Volts</td><td data-bbox="469 658 849 725">230Vac</td></tr> <tr> <td data-bbox="849 591 1273 658">Frequency</td><td data-bbox="469 591 849 658">60Hz</td></tr> <tr> <td data-bbox="849 524 1273 591">Power Factor</td><td data-bbox="469 524 849 591">0.8</td></tr> <tr> <td data-bbox="849 434 1273 524">Fuel consumption at 100% load (L/H)</td><td data-bbox="469 434 849 524">15.9 L/H</td></tr> <tr> <td data-bbox="849 367 1273 434">Fuel Tank Capacity</td><td data-bbox="469 367 849 434">120L</td></tr> <tr> <td data-bbox="849 300 1273 367">Insulation</td><td data-bbox="469 300 849 367">Class H</td></tr> <tr> <td data-bbox="849 232 1273 300">Starter motor</td><td data-bbox="469 232 849 300">24V</td></tr> <tr> <td data-bbox="849 165 1273 232">Exciter type</td><td data-bbox="469 165 849 232">Single bearing, Brushless, Self-excited</td></tr> </table>	Number of cylinders	4	Cylinder arrangement	In-Line	Aspiration	Turbocharged after-water cooling	Prime Rating Power (kW/KVA)	50kW/50KVA	Standby Rating Power (kW/KVA)	55kW/55KVA	Control Panel	Digital	Speed governor	Electronic	Cooling system	Water Cooling Cycle	Phase	1	Rpm	1800	Volts	230Vac	Frequency	60Hz	Power Factor	0.8	Fuel consumption at 100% load (L/H)	15.9 L/H	Fuel Tank Capacity	120L	Insulation	Class H	Starter motor	24V	Exciter type	Single bearing, Brushless, Self-excited
Number of cylinders	4																																				
Cylinder arrangement	In-Line																																				
Aspiration	Turbocharged after-water cooling																																				
Prime Rating Power (kW/KVA)	50kW/50KVA																																				
Standby Rating Power (kW/KVA)	55kW/55KVA																																				
Control Panel	Digital																																				
Speed governor	Electronic																																				
Cooling system	Water Cooling Cycle																																				
Phase	1																																				
Rpm	1800																																				
Volts	230Vac																																				
Frequency	60Hz																																				
Power Factor	0.8																																				
Fuel consumption at 100% load (L/H)	15.9 L/H																																				
Fuel Tank Capacity	120L																																				
Insulation	Class H																																				
Starter motor	24V																																				
Exciter type	Single bearing, Brushless, Self-excited																																				

**22. One (1) Unit 15KVA Prime Power Generator Set
Port of Caticlan, PMO Panay/Guimaras**

Number of cylinders	4
Cylinder arrangement	In-Line
Aspiration	Naturally Aspirated
Prime Rating Power (kW/kVA)	15kW/15kVA
Standby Rating Power (kW/kVA)	16.5kW/16.5kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	1
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	7.1L/H
Fuel Tank Capacity	85L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**23. One (1) Unit 50KVA Prime Power Generator Set
Port of Lipata, PMO Panay/Guimaras**

Number of cylinders	4
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	50kW/50kVA
Standby Rating Power (kW/kVA)	55kW/55kVA
Control Panel	Digital
Speed governor	Electronic

Cooling system	Water Cooling Cycle
Phase	1
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	15.9 L/H
Fuel Tank Capacity	120L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**24. One (1) Unit 15KVA Prime Power Generator Set
Port of Sibunag, PMO Panay/Guimaras**

Number of cylinders	4
Cylinder arrangement	In-Line
Aspiration	Naturally Aspirated
Prime Rating Power (kW/kVA)	15kW/15kVA
Standby Rating Power (kW/kVA)	16.5kW/16.5kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	1
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	7.1L/H
Fuel Tank Capacity	85L
Insulation	Class H
Starter motor	24V

	Exciter type	Single bearing, Brushless, Self-excited	
25. One (1) Unit 50KVA Prime Power Generator Set Port of Buena Vista, PMO Panay/Guimaras			
	Number of cylinders	4	
	Cylinder arrangement	In-Line	
	Aspiration	Turbocharged after-water cooling	
	Prime Rating Power (kW/kVA)	50kW/50kVA	
	Standby Rating Power (kW/kVA)	55kW/55kVA	
	Control Panel	Digital	
	Speed governor	Electronic	
	Cooling system	Water Cooling Cycle	
	Phase	1	
	Rpm	1800	
	Volts	230Vac	
	Frequency	60hZ	
	Power Factor	0.8	
	Fuel consumption at 100% load (L/H)	15.9 L/H	
	Fuel Tank Capacity	120L	
	Insulation	Class H	
	Starter motor	24V	
	Exciter type	Single bearing, Brushless, Self-excited	
26. One (1) Unit 300KVA Prime Power Generator Set Baseport of PMO Davao			
	Number of cylinders	6	
	Cylinder arrangement	In-Line	
	Aspiration	Turbocharged after-water cooling	

Prime Rating Power (kW/kVA)	240kW/300kVA
Standby Rating Power (kW/kVA)	264kW/330kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	3
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	68L/H
Fuel Tank Capacity	480L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**27. One (1) Unit 50KVA Prime Power Generator Set
Baseport of PPD Office, PMO Davao**

Number of cylinders	4
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	50kW/50kVA
Standby Rating Power (kW/kVA)	55kW/55kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	1
Rpm	1800
Volts	230Vac
Frequency	60hZ

Power Factor	0.8
Fuel consumption at 100% load (L/H)	15.9 L/H
Fuel Tank Capacity	120L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited
28. One (1) Unit 50KVA Prime Power Generator Set Port of TMO Maco, PMO Davao	
Number of cylinders	4
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	50kW/50kVA
Standby Rating Power (kW/kVA)	55kW/55kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	1
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	15.9 L/H
Fuel Tank Capacity	120L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited
KVA	SOUND LEVEL

	<table><tr><td>15</td><td>75dBA@7m</td></tr><tr><td>50-350</td><td>80dBA@7m</td></tr><tr><td>853</td><td>90dBA@7m</td></tr></table>	15	75dBA@7m	50-350	80dBA@7m	853	90dBA@7m	
15	75dBA@7m							
50-350	80dBA@7m							
853	90dBA@7m							
	TECHNICAL SPECIFICATIONS – GENERATOR SETS 1. 230 volts, Single phase and 3 phase, Prime power generator sets, wall mounted/floor standing ATS, with NEMA enclosure equal to the capacity of the generator set. 2. Transfer switched based on Molded-Case-Switch components. 3. All Generator sets must come with anti-vibration rubber pads.							
	WARRANTY 1. One (1) year warranty for manufacturing defects and parts from the date of receipt of the Certificate of Acceptance. 2. Two (2) years warranty for services from the date of receipt of the Certificate of Acceptance. 3. Spare parts must be available in case of immediate repair within the warranty period. 4. If equipment is inoperable and malfunctioning, the winning bidder shall provide maintenance service to the site within seventy-two (72) hours after receipt of notification within the warranty period.							
	GENERAL REQUIREMENTS 1. ISO Compliance. ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018 Standards, CE Conformity- Generator Set passed European or US Manufacturing Standards 2. Maintenance The supplier shall provide quarterly preventive maintenance service within a 2-year warranty period. 3. Training/Seminar							

The Supplier must conduct a Generator Set Unit Orientation and Preventive Maintenance Seminar.

4. Provisions

- a.) Complete set of standard tools for the Generator Sets, Operating and Parts Manual.
Initial diesel in tank for testing, upon delivery of Generator Set.
- b.) Provision of anti-vibration rubber.
- c.) Complete testing and commissioning of Generator Sets.

Item Description				
PMO	Capacity (Prime Power)	Deployment	Major Component: 100% Copper High Ampereage Cabling Requirements and other Accessories	
1 Batuan/ Aurora	350 KVA, 3 Phase	Baseport	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @1000A 3P, 120mm ² (Bundle)-430A High Ampereage Stranded Copper Wire @1,425mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector	
	350 KVA, 3 Phase	TMO Capinpin	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @1000A 3P, 120mm ² (Bundle)-430A High Ampereage Stranded Copper Wire @360mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector	
2 NCR North	15 KVA, 3 Phase	VTMS Radar Station	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @1000A 3P, 25mm ² -155A High Ampereage Stranded Copper Wire @90mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector	
3 Northern Luzon	300 KVA, 3 Phase	POB Currimao	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @800A 3P, 120mm ² (Bundle)-430A High Ampereage Stranded Copper Wire @240mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector	
	165 KVA, 3 Phase	PTB Currimao	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @400A 3P, 120mm ² -430A High Ampereage Stranded Copper Wire @100mtrs, Complete set of Copper grounding, pure copper	

					terminal lug long barrel and solderless connector
			15 KVA, Single Phase	Port of Salomague	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @100A 1P, 25mm ² -155A High Amperage Stranded Copper Wire @90mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
			50 KVA, 3 Phase	TMO Bldg. Masinloc, Zambales	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @125A 3P, 35mm ² -195A High Amperage Stranded Copper Wire @180mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
	4	Bicol	250 KVA, 3 Phase	Port of Pio Duran	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @500A 3P, 185mm ² -570A High Amperage Stranded Copper Wire @345mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
			250 KVA, 3 Phase	Port of Pasacao (Camarines)	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @500A 3P, 185mm ² -570A High Amperage Stranded Copper Wire @450mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
	5	Palawan	300 KVA, 3 Phase	POB Bldg. Coron	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @800A 3P, 120mm ² (Bundle)-430A High Amperage Stranded Copper Wire @465mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
			50 KVA, Single Phase	Port of San Fernando, El Nido	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @125A 1P, 35mm ² -195A High Amperage Stranded Copper Wire @110mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
			50 KVA, Single Phase	Port of Borac, Coron	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @125A 1P, 35mm ² -195A High Amperage Stranded Copper Wire @120mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
			50 KVA, Single Phase	Port of Taytay	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker

				with NEMA Enclosure @125A 1P, 35mm ² -195A High Amperage Stranded Copper Wire @120mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
			Port of Narra	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @125A 1P, 35mm ² -195A High Amperage Stranded Copper Wire @140mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
			Port of Balabac	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @125A 1P, 35mm ² -195A High Amperage Stranded Copper Wire @130mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
6	Zamboanga	853 KVA, 3 Phase	New PTB Building	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @2500A 3P, 240mm ² -680A High Amperage Stranded Copper Wire @1210mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
7	Misamis Oriental/ CDO	300 KVA, 3 Phase	Baseport	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @800A 3P, 120mm ² (Bundle)-430A High Amperage Stranded Copper Wire @315mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
			Port of Guinsiliban	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @125A 1P, 35mm ² -195A High Amperage Stranded Copper Wire @180mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
8	Misamis Occidental	300 KVA, 3 Phase	Baseport	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @800A 3P, 120mm ² (Bundle)-430A High Amperage Stranded Copper Wire @345mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
9	Batangas	75 KVA, 3 Phase	Port of Talaga	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @200A 3P, 35mm ² -195A High Amperage Stranded Copper Wire @225mtrs, Complete set of Copper grounding, pure copper terminal

				lug long barrel and solderless connector	
		50 KVA, Single Phase	Port of Dumaguít	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @125A 1P, 35mm ² -195A High Ampereage Stranded Copper Wire @180mmtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector	
		15 KVA, Single Phase	Port of Calician	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @100A 1P, 25mm ² -155A High Ampereage Stranded Copper Wire @135mmtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector	
10	Panay/On imaras	50 KVA, Single Phase	Port of Lipata	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @125A 1P, 35mm ² -195A High Ampereage Stranded Copper Wire @325mmtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector	
		15 KVA, Single Phase	Port of Sibunag	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @100A 1P, 25mm ² -155A High Ampereage Stranded Copper Wire @90mmtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector	
		50 KVA, Single Phase	Port of Buenavista	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @125A 1P, 35mm ² -195A High Ampereage Stranded Copper Wire @110mmtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector	
		300 KVA, 3 Phase	Baseport	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @800A 3P, 120mm ² (Bundle)-430A High Ampereage Stranded Copper Wire @390mmtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector	
11	Davao	50 KVA, Single Phase	Baseport of PPD Office	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @125A 1P, 35mm ² -195A High Ampereage Stranded Copper Wire @270mmtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector	
		50 KVA, Single Phase	Port of Maco	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker	

					with NEMA Enclosure @125A 1P, 35mm ² -195A High Amperage Stranded Copper Wire @270mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector	
				TOTAL NO. OF UNITS	28	
	<p>OTHER REQUIREMENTS</p> <p>Copies of the following duly authenticated documents must be submitted as part of the technical proposal. The original copies of these documents with Red ribbon shall be submitted in a separate envelope during bid opening.</p> <p>a. For Generator Manufacturer:</p> <p>a.) Certificate of Manufacturer</p> <p>b.) Certificate of Product Origin</p> <p>c.) Certificate of Distributorship- (must be valid for 2 years from the date of opening of bids)</p> <p>d.) Certificate of Factory Coupling 60 days fresh from Manufacturing</p> <p>e.) Standard Certificates – ISO9001:2015, ISO14001:2015, ISO45001:2018, and CE Certificate of Conformity that Generator Set passed EU or US Standard.</p> <p>f.) Certificate – Current Original Equipment Manufacturer (OEM) License of Generator Set Engine</p> <p>g.) Certificate – Current Original Equipment Manufacturer (OEM) License of Generator Set Controller</p> <p>h.) Certificate – Current Original Equipment Manufacturer (OEM) License of Generator Set Alternator</p> <p>i.) Certificate of Availability of Authorized Service Center (in the Philippines)- (must be valid for 2 years from the date of opening of bids)</p> <p>b. For High Amperage Cable Manufacturer:</p> <p>a.) Standard Certificates – ISO9001:2015, ISO14001:2015 and ISO45001:2018</p>					
	<p>TESTING</p> <p>The equipment shall be tested (on/off and running for at least ten (10) minutes) after installation to the respective PMOs as per deployment list.</p>					
	<p>All other provisions stated in the Terms of Reference not included herein.</p>					

TERMS OF REFERENCE

SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF 28 UNITS GENERATOR SETS FOR PORT MANAGEMENT OFFICES (PMOs)

This Terms of Reference provides the technical description and other terms and conditions for the Supply, Delivery, Installation, Testing and Commissioning of Generator Sets for use of the Philippine Ports Authority Port Management Offices.

I. OBJECTIVES

The Philippine Ports Authority seeks to procure generator sets for the Port Management Offices (PMOs) to ensure uninterrupted operations and services throughout the ports and terminals.

II. SCOPE OF WORK

1. Supply and delivery of the brand new generator sets and Automatic Transfer Switch (ATS).
2. Mobilization of manpower, equipment and technical supervision.
3. Installation of the equipment at the designated deployment ports.
4. Testing and commissioning of the equipment per port or terminal.

III. DEPLOYMENT

Generator Set Requirements				
	PMO	Capacity	Qty.	Deployment
1	Bataan/Aurora	350 KVA, 3 Phase	1	Baseport
		350 KVA, 3 Phase	1	TMO Capinpin
2	NCR North	15 KVA, 3 Phase	1	VTMS Radar Station
3	Northern Luzon	300 KVA, 3 Phase	1	POB Currimao
		165 KVA, 3 Phase	1	PTB Currimao
		15 KVA, Single Phase	1	Port of Salomague
		50 KVA, 3 Phase	1	TMO Office Bldg- Masinloc Zambales
4	Bicol	250 KVA, 3 Phase	1	Port of Pio Duran
		250 KVA, 3 Phase	1	Port of Pasacao (Camarines)
5	Palawan	300 KVA, 3 Phase	1	POB Bldg. Coron
		50 KVA, Single Phase	1	Port of San Fernando, El Nido
		50 KVA, Single Phase	1	Port of Borac, Coron
		50 KVA, Single Phase	1	Port of Taytay
		50 KVA, Single Phase	1	Port of Narra

		50 KVA, Single Phase	1	Port of Balabac
6	Zamboanga	853 KVA, 3 Phase	1	New PTB Building
7	Misamis Oriental/ CDO	300 KVA, 3 Phase	1	Baseport
		50 KVA, Single Phase	1	Port of Guinsiliban
8	Misamis Occidental/ Ozamis	300 KVA, 3 Phase	1	Baseport
9	Batangas	75 KVA, 3 Phase	1	Port of Talaga
10	Panay/Guimaras	50 KVA, Single Phase	1	Port of Dumaguait
		15 KVA, Single Phase	1	Port of Caticlan
		50 KVA, Single Phase	1	Port of Lipata
		15 KVA, Single Phase	1	Port of Sibunag
		50 KVA, Single Phase	1	Port of Buenavista
11	Davao	300 KVA, 3 Phase	1	Baseport
		50 KVA, Single Phase	1	Baseport PPD Office
		50 KVA, Single Phase	1	Port of Maco
	TOTAL NO. OF UNITS		28	

IV. APPROVED BUDGET FOR THE CONTRACT

The Approved Budget for the Contract is Two Hundred Twenty Million Pesos Only (P 220,000,000.00).

PROJECT	
Supply, Delivery, Installation, Testing and Commissioning of 28 Units Generator Sets for Port Management Offices (PMOs)	P 220,000,000.00
TOTAL	P 220,000,000.00

V. A. TECHNICAL SPECIFICATIONS - GENERATOR SETS

1. One (1) Unit 350KVA Prime Power Generator Set Baseport of PMO Bataan/ Aurora

Number of cylinders	6
Cylinder arrangement	In-Line
Aspiration	Turbocharged
Prime Rating Power (kW/kVA)	280kW/350kVA
Standby Rating Power (kW/kVA)	308kW/385kVA
Control Panel	Digital
Speed governor	Electronic

Cooling system	Water Cooling Cycle
Phase	3
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	81L/H
Fuel Tank Capacity	480L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**2. One (1) Unit 350KVA Prime Power Generator Set
TMO Capinpin, PMO Bataan/Aurora**

Number of cylinders	6
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	280kW/350kVA
Standby Rating Power (kW/kVA)	308kW/385kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	3
Rpm	1800
Volts	230Vac

Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	81L/H
Fuel Tank Capacity	480L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**3. One (1) Unit 15KVA Prime Power Generator Set
Port of VTMS Radar Station, PMO NCR North**

Number of cylinders	4
Cylinder arrangement	In-Line
Aspiration	Naturally Aspirated
Prime Rating Power (kW/kVA)	12kW/15kVA
Standby Rating Power (kW/kVA)	13.2kW/16.5kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	3
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	7.1L/H
Fuel Tank Capacity	85L
Insulation	Class H

Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**4. One (1) Unit 300KVA Prime Power Generator Set
POB Currimao, PMO Northern Luzon**

Number of cylinders	6
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	240kW/300kVA
Standby Rating Power (kW/kVA)	264kW/330kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	3
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	68L/H
Fuel Tank Capacity	480L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**5. One (1) Unit 165KVA Prime Power Generator Set
PTB Currimao, PMO Northern Luzon**

Number of cylinders	6
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Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	132kW/165kVA
Standby Rating Power (kW/kVA)	145.2kW/181.5kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	3
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	44L/H
Fuel Tank Capacity	350L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**6. One (1) Unit 15KVA Prime Power Generator Set
Port of Salomague, PMO Northern Luzon**

Number of cylinders	4
Cylinder arrangement	In-Line
Aspiration	Naturally Aspirated
Prime Rating Power (kW/kVA)	15kW/15kVA
Standby Rating Power (kW/kVA)	16.5kW/16.5kVA
Control Panel	Digital

Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	1
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H) Fuel Tank Capacity	7.1L/H 85L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**7. One (1) Unit 50KVA Prime Power Generator Set
TMO Bldg. Masinloc Zambales, PMO Northern Luzon**

Number of cylinders	4
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	40kW/50kVA
Standby Rating Power (kW/kVA)	44kW/55kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	3
Rpm	1800
Volts	230Vac

Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	15.9 L/H
Fuel Tank Capacity	85L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**8. One (1) Unit 250KVA Prime Power Generator Set
Port of Pio Duran, PMO Bicol**

Number of cylinders	6
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	200kW/250kVA
Standby Rating Power (kW/kVA)	220kW/275kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	3
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	59L/H
Fuel Tank Capacity	350L
Insulation	Class H

Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**9. One (1) Unit 250KVA Prime Power Generator Set
Port of Pasacao (Camarines), PMO Bicol**

Number of cylinders	6
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	200kW/250kVA
Standby Rating Power (kW/kVA)	220kW/275kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	3
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	59L/H
Fuel Tank Capacity	350L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**10. One (1) Unit 300KVA Prime Power Generator Set
POB Bldg. Coron, PMO Palawan**

Number of cylinders	6
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Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	240kW/300kVA
Standby Rating Power (kW/kVA)	264kW/330kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	3
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	68L/H
Fuel Tank Capacity	480L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**11. One (1) Unit 50KVA Prime Power Generator Set
Port of San Fernando, PMO Palawan**

Number of cylinders	4
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	50kW/50kVA
Standby Rating Power (kW/kVA)	55kW/55kVA
Control Panel	Digital

Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	1
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	15.9 L/H
Fuel Tank Capacity	120L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**12. One (1) Unit 50KVA Prime Power Generator Set
Port of Borac Coron, PMO Palawan**

Number of cylinders	4
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	50kW/50kVA
Standby Rating Power (kW/kVA)	55kW/55kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	1
Rpm	1800

Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H) Fuel Tank Capacity	15.9 L/H 120L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**13. One (1) Unit 50KVA Prime Power Generator Set
Port of Taytay, PMO Palawan**

Number of cylinders	4
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	50kW/50kVA
Standby Rating Power (kW/kVA)	55kW/55kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	1
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H) Fuel Tank Capacity	15.9 L/H 120L

Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**14. One (1) Unit 50KVA Prime Power Generator Set
Port of Narra, PMO Palawan**

Number of cylinders	4
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	50kW/50kVA
Standby Rating Power (kW/kVA)	55kW/55kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	1
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	15.9 L/H
Fuel Tank Capacity	120L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**15. One (1) Unit 50KVA Prime Power Generator Set
Port of Balabac, PMO Palawan**

Number of cylinders	4
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	50kW/50kVA
Standby Rating Power (kW/kVA)	55kW/55kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	1
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	15.9 L/H
Fuel Tank Capacity	120L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**16. One (1) Unit 853KVA Prime Power Generator Set
Port of New PTB Bldg., PMO Zamboanga**

Number of cylinders	12
Cylinder arrangement	V-Type
Aspiration	Turbocharged after-water cooling

Prime Rating Power (kW/kVA)	682.4kW/853kVA
Standby Rating Power (kW/kVA)	750.64kW/938.3kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	3
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	216g/kw.h
Fuel Tank Capacity	1200L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**17. One (1) Unit 300KVA Prime Power Generator Set
Baseport of Misamis Oriental**

Number of cylinders	6
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	240kW/300kVA
Standby Rating Power (kW/kVA)	264kW/330kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle

Phase	3
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	68L/H
Fuel Tank Capacity	480L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**18. One (1) Unit 50KVA Prime Power Generator Set
Port of Guinsiliban, PMO Misamis Oriental**

Number of cylinders	4
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	50kW/50kVA
Standby Rating Power (kW/kVA)	55kW/55kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	1
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8

Fuel consumption at 100% load (L/H)	15.9 L/H
Fuel Tank Capacity	120L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**19. One (1) Unit 300KVA Prime Power Generator Set
Baseport of Misamis Occidental**

Number of cylinders	6
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	240kW/300kVA
Standby Rating Power (kW/kVA)	264kW/330kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	3
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	68L/H
Fuel Tank Capacity	480L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**20. One (1) Unit 75KVA Prime Power Generator Set
Port of Talaga, PMO Batangas**

Number of cylinders	4
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	60kW/75kVA
Standby Rating Power (kW/kVA)	66kW/82.5kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	3
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	15.9 L/H
Fuel Tank Capacity	120L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**21. One (1) Unit 50KVA Prime Power Generator Set
Port of Dumaguít, PMO Panay/Guimaras**

Number of cylinders	4
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling

Prime Rating Power (kW/kVA)	50kW/50kVA
Standby Rating Power (kW/kVA)	55kW/55kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	1
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	15.9 L/H
Fuel Tank Capacity	120L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**22. One (1) Unit 15KVA Prime Power Generator Set
Port of Catidan, PMO Panay/Guimaras**

Number of cylinders	4
Cylinder arrangement	In-Line
Aspiration	Naturally Aspirated
Prime Rating Power (kW/kVA)	15kW/15kVA
Standby Rating Power (kW/kVA)	16.5kW/16.5kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle

Phase	1
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	7.1L/H
Fuel Tank Capacity	85L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**23. One (1) Unit 50KVA Prime Power Generator Set
Port of Lipata, PMO Panay/Guimaras**

Number of cylinders	4
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	50kW/50kVA
Standby Rating Power (kW/kVA)	55kW/55kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	1
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8

Fuel consumption at 100% load (L/H)	15.9 L/H
Fuel Tank Capacity	120L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**24. One (1) Unit 15KVA Prime Power Generator Set
Port of Sibunag, PMO Panay/Guimaras**

Number of cylinders	4
Cylinder arrangement	In-Line
Aspiration	Naturally Aspirated
Prime Rating Power (kW/kVA)	15kW/15kVA
Standby Rating Power (kW/kVA)	16.5kW/16.5kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	1
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	7.1L/H
Fuel Tank Capacity	85L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**25. One (1) Unit 50KVA Prime Power Generator Set
Port of Buena Vista, PMO Panay/Guilmaras**

Number of cylinders	4
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	50kW/50kVA
Standby Rating Power (kW/kVA)	55kW/55kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	1
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	15.9 L/H
Fuel Tank Capacity	120L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**26. One (1) Unit 300KVA Prime Power Generator Set
Baseport of PMO Davao**

Number of cylinders	6
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling

Prime Rating Power (kW/kVA)	240kW/300kVA
Standby Rating Power (kW/kVA)	264kW/330kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	3
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	68L/H
Fuel Tank Capacity	480L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**27. One (1) Unit 50KVA Prime Power Generator Set
Baseport of PPD Office, PMO Davao**

Number of cylinders	4
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	50kW/50kVA
Standby Rating Power (kW/kVA)	55kW/55kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle

Phase	1
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8
Fuel consumption at 100% load (L/H)	15.9 L/H
Fuel Tank Capacity	120L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

**28. One (1) Unit 50KVA Prime Power Generator Set
Port of TMO Maco, PMO Davao**

Number of cylinders	4
Cylinder arrangement	In-Line
Aspiration	Turbocharged after-water cooling
Prime Rating Power (kW/kVA)	50kW/50kVA
Standby Rating Power (kW/kVA)	55kW/55kVA
Control Panel	Digital
Speed governor	Electronic
Cooling system	Water Cooling Cycle
Phase	1
Rpm	1800
Volts	230Vac
Frequency	60hZ
Power Factor	0.8

Fuel consumption at 100% load (L/H)	15.9 L/H
Fuel Tank Capacity	120L
Insulation	Class H
Starter motor	24V
Exciter type	Single bearing, Brushless, Self-excited

KVA	SOUND LEVEL
15	75dBA@7m
50-350	80dBA@7m
853	90dBA@7m

V. B. TECHNICAL SPECIFICATIONS - GENERATOR SETS

1. 230 volts, Single phase and 3 phase, Prime power generator sets, wall mounted/floor standing ATS, with NEMA enclosure equal to the capacity of the generator set.
2. Transfer switched based on Molded-Case-Switch components.
3. All Generator sets must come with anti-vibration rubber pads.

VI. DELIVERY

1. Within ninety (90) calendar days from receipt of Notice to Proceed. Delivery at warehouse within Metro Manila (for inspection of PPA Head Office representatives)
2. Within sixty (60) calendar days after inspection and acceptance by PPA Head Office representatives. Delivery, installation, testing and commissioning at the PMOs.

VII. PAYMENT

1. 70% of contract cost – After inspection and acceptance by PPA Head Office.
2. 30% of contract cost – After installation, testing, commissioning, inspection and acceptance by PMOs.

VIII. WARRANTY

1. One (1) year warranty for manufacturing defects and parts from the date of receipt of the Certificate of Acceptance.
2. Two (2) years warranty for services from the date of receipt of the Certificate of Acceptance.
3. Spare parts must be available in case of immediate repair within the warranty period.
4. If equipment is inoperable and malfunctioning, the winning bidder shall provide maintenance service to the site within seventy-two (72) hours after receipt of notification within the warranty period.

IX. GENERAL REQUIREMENTS

1. Must have completed a single contract similar to the contract to be bid whose value must be at least equivalent to fifty percent (50%) of the ABC. For this purpose, a similar contract shall refer to the Supply, Delivery, Installation, and Commissioning of Generator Sets.

2. **ISO Compliance.**

ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018 Standards,
CE Conformity- Generator Set passed European or US Manufacturing Standards

3. **Maintenance**

The supplier shall provide quarterly preventive maintenance service within a 2-year warranty period.

4. **Training/Seminar**

The Supplier must conduct a Generator Set Unit Orientation and Preventive Maintenance Seminar.

5. **Provisions**

- a.) Complete set of standard tools for the Generator Sets, Operating and Parts Manual.

Initial diesel in tank for testing, upon delivery of Generator Set.

- b.) Provision of anti-vibration rubber.

- c.) Complete testing and commissioning of Generator Sets.

Item Description				
	PMO	Capacity (Prime Power)	Deployment	Major Component: 100% Copper High Amperage Cabling Requirements and other Accessories
1	Bataan/Aurora	350 KVA, 3 Phase	Baseport	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA

				Enclosure @1000A 3P, 120mm ² (Bundle)-430A High Amperage Stranded Copper Wire @1.425mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
		350 KVA, 3 Phase	TMO Capinpin	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @1000A 3P, 120mm ² (Bundle)-430A High Amperage Stranded Copper Wire @360mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
2	NCR North	15 KVA, 3 Phase	VTMS Radar Station	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @100A 3P, 25mm ² -155A High Amperage Stranded Copper Wire @90mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
		300 KVA, 3 Phase	POB Currimao	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @800A 3P, 120mm ² (Bundle)-430A High Amperage Stranded Copper Wire @240mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
		165 KVA, 3 Phase	PTB Currimao	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @400A 3P, 120mm ² -430A High Amperage Stranded Copper Wire @100mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
3	Northern Luzon	15 KVA, Single Phase	Port of Salomague	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @100A 1P, 25mm ² -155A High Amperage Stranded Copper Wire @90mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
		50 KVA, 3 Phase	TMO Bldg. Masinloc, Zambales	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @125A 3P, 35mm ² -195A

				High Amperage Stranded Copper Wire @180mts, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
4	Bicol	250 KVA, 3 Phase	Port of Pio Duran	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @500A 3P, 185mm ² -570A High Amperage Stranded Copper Wire @345mts, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
		250 KVA, 3 Phase	Port of Pasacao (Camarines)	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @500A 3P, 185mm ² -570A High Amperage Stranded Copper Wire @450mts, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
		300 KVA, 3 Phase	POB Bldg. Coron	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @800A 3P, 120mm ² (Bundle)-430A High Amperage Stranded Copper Wire @465mts, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
		50 KVA, Single Phase	Port of San Fernando, El Nido	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @125A 1P, 35mm ² -195A High Amperage Stranded Copper Wire @110mts, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
5	Palawan	50 KVA, Single Phase	Port of Borac, Coron	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @125A 1P, 35mm ² -195A High Amperage Stranded Copper Wire @120mts, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
		50 KVA, Single Phase	Port of Taytay	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @125A 1P, 35mm ² -195A High Amperage Stranded Copper Wire @120mts, Complete set of Copper
		50 KVA, Single Phase		

				grounding, pure copper terminal lug long barrel and solderless connector
		50 KVA, Single Phase	Port of Narra	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @125A 1P, 35mm ² -195A High Amperage Stranded Copper Wire @140mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
		50 KVA, Single Phase	Port of Balabac	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @125A 1P, 35mm ² -195A High Amperage Stranded Copper Wire @130mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
		853 KVA, 3 Phase	New PTB Building	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @2500A 3P, 240mm ² -680A High Amperage Stranded Copper Wire @1210mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
6	Zamboanga	300 KVA, 3 Phase	Baseport	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @800A 3P, 120mm ² (Bundle)-430A High Amperage Stranded Copper Wire @315mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
7	Misamis Oriental/CDO	50 KVA, Single Phase	Port of Guinsiliban	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @125A 1P, 35mm ² -195A High Amperage Stranded Copper Wire @180mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
		300 KVA, 3 Phase	Baseport	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @800A 3P, 120mm ² (Bundle)-430A High Amperage Stranded Copper Wire @345mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
8	Misamis Occidental	300 KVA, 3 Phase	Baseport	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @800A 3P, 120mm ² (Bundle)-430A High Amperage Stranded Copper Wire @345mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector

9	Batangas	75 KVA, 3 Phase	Port of Talaga	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @200A 3P, 35mm ² -195A High Amperage Stranded Copper Wire @225mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
10	Panay/Guimaras	50 KVA, Single Phase	Port of Dumaguit	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @125A 1P, 35mm ² -195A High Amperage Stranded Copper Wire @180mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
		15 KVA, Single Phase	Port of Caticlan	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @100A 1P, 25mm ² -155A High Amperage Stranded Copper Wire @135mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
		50 KVA, Single Phase	Port of Lipata	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @125A 1P, 35mm ² -195A High Amperage Stranded Copper Wire @325mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
		15 KVA, Single Phase	Port of Sibunag	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @100A 1P, 25mm ² -155A High Amperage Stranded Copper Wire @90mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
		50 KVA, Single Phase	Port of Buenavista	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @125A 1P, 35mm ² -195A High Amperage Stranded Copper Wire @110mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
11	Davao	300 KVA, 3 Phase	Baseport	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @800A 3P, 120mm ²

				(Bundle)-430A High Amperage Stranded Copper Wire @390mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
		50 KVA, Single Phase	Baseport of PPD Office	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @125A 1P, 35mm ² -195A High Amperage Stranded Copper Wire @270mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
		50 KVA, Single Phase	Port of Maco	Free Standing or Wall Mounted ATS and Floor Standing or Wall Mounted Main Circuit Breaker with NEMA Enclosure @125A 1P, 35mm ² -195A High Amperage Stranded Copper Wire @270mtrs, Complete set of Copper grounding, pure copper terminal lug long barrel and solderless connector
TOTAL NO. OF UNITS			28	

X. OTHER REQUIREMENTS

Copies of the following duly authenticated documents must be submitted as part of the technical proposal. The original copies of these documents with Red ribbon shall be submitted in a separate envelope during bid opening.

a. For Generator Manufacturer:

- a.) Certificate of Manufacturer
- b.) Certificate of Product Origin
- c.) Certificate of Distributorship- (must be valid for 2 years from the date of opening of bids)
- d.) Certificate of Factory Coupling 60 days fresh from Manufacturing
- e.) Standard Certificates – ISO9001:2015, ISO14001:2015, ISO45001:2018, and CE Certificate of Conformity that Generator Set passed EU or US Standard.
- f.) Certificate – Current Original Equipment Manufacturer (OEM) License of Generator Set Engine
- g.) Certificate – Current Original Equipment Manufacturer (OEM) License of Generator Set Controller
- h.) Certificate – Current Original Equipment Manufacturer (OEM) License of Generator Set Alternator
- i.) Certificate of Availability of Authorized Service Center (in the Philippines)- (must be valid for 2 years from the date of opening of bids)

b. For High Amperage Cable Manufacturer:

- a.) Standard Certificates – ISO9001:2015, ISO14001:2015 and ISO45001:2018

X. TESTING

The equipment shall be tested (on/off and running for at least 10 minutes) after installation to the respective PMOs as per deployment list.


ERIC E. DIMACULANGAN
Acting Manager
Administrative Services Department

Section VIII. Checklist of Technical and Financial Documents

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Documents

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

Technical Documents

- ☐ (b) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**
- ☐ (c) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents; **and**
- ☐ (d) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;
Or
Original copy of Notarized Bid Securing Declaration; **and**
- ☐ (e) Conformity with the Technical Specifications, which may include production/delivery schedule, manpower requirements, and/or after-sales/parts, if applicable; **and**
- ☐ (f) Original duly signed Omnibus Sworn Statement (OSS); **and** if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

Financial Documents

- ☐ (g) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC);
or
A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

Class "B" Documents

- ☐ (h) If applicable, a duly signed joint venture agreement (JVA) in case the joint venture is already in existence;
or

duly notarized statements from all the potential joint venture partners stating the following:

- a. that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful; and
- b. failure to enter into JVA in the event of a contract award shall be a ground for bid disqualification and subsequent forfeiture of the bid security.

Other documentary requirements under RA No. 9184 (as applicable)

- ☐ (i) *[For foreign bidders claiming by reason of their country's extension of reciprocal rights to Filipinos]* Certification from the relevant government office of their country stating that Filipinos are allowed to participate in government procurement activities for the same item or product.
- ☐ (j) Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity.

II. FINANCIAL COMPONENT ENVELOPE

- ☐ (a) Original of duly signed and accomplished Financial Bid Form; **and**
- ☐ (b) Original of duly signed and accomplished Price Schedule(s).

Bid Form for the Procurement of Goods
[shall be submitted with the Bid]

BID FORM

Date : _____
Project Identification No. : _____

To: [name and address of Procuring Entity]

Having examined the Philippine Bidding Documents (PBDs) including the Supplemental or Bid Bulletin Numbers [insert numbers], the receipt of which is hereby duly acknowledged, we, the undersigned, offer to [supply/deliver/perform] [description of the Goods] in conformity with the said 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 us at any time before the expiration of that period.

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 the 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: _____

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 104

Name of Bidder _____ Project ID No. _____ Page _____ of _____

Name: _____

Legal Capacity: _____

Signature: _____

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

Price Schedule for Goods Offered from Within the Philippines
[shall be submitted with the Bid if bidder is offering goods from within the Philippines]

For Goods Offered from Within the Philippines

Name of Bidder _____ Project ID No. _____ Page ____ of ____

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)

Name: _____

Legal Capacity: _____

Signature: _____

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

Bid Securing Declaration Form
[shall be submitted with the Bid if bidder opts to provide this form of bid security]

REPUBLIC OF THE PHILIPPINES)
CITY OF _____) S.S.

BID SECURING DECLARATION
Project Identification No.: [Insert number]

To: [Insert name and address of the Procuring Entity]

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]

Contract Agreement Form for the Procurement of Goods (Revised)
[Not required to be submitted with the Bid, but it shall be submitted within ten (10) days after receiving the Notice of Award]

CONTRACT AGREEMENT

THIS AGREEMENT made the ____ day of _____ 20____ between [name of PROCURING ENTITY] of the Philippines (hereinafter called "the Entity") of the one part and [name of Supplier] of [city and country of Supplier] (hereinafter called "the Supplier") of the other part;

WHEREAS, the Entity invited Bids for certain goods and ancillary services, particularly [brief description of goods and services] and has accepted a Bid by the Supplier for the supply of those goods and services in the sum of [contract price in words and figures in specified currency] (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents as required by the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184 shall be deemed to form and be read and construed as integral part of this Agreement, viz.:

- i. Philippine Bidding Documents (PBDs);
 - i. Schedule of Requirements;
 - ii. Technical Specifications;
 - iii. General and Special Conditions of Contract; and
 - iv. Supplemental or Bid Bulletins, if any
- ii. Winning bidder's bid, including the Eligibility requirements, Technical and Financial Proposals, and all other documents or statements submitted;

Bid form, including all the documents/statements contained in the Bidder's bidding envelopes, as annexes, and all other documents submitted (e.g., Bidder's response to request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity's bid evaluation;
- iii. Performance Security;
- iv. Notice of Award of Contract; and the Bidder's conforme thereto; and
- v. Other contract documents that may be required by existing laws and/or the Procuring Entity concerned in the PBDs. Winning bidder agrees that additional contract documents or information prescribed by the GPPB that are subsequently required for submission after the contract execution, such

as the Notice to Proceed, Variation Orders, and Warranty Security, shall likewise form part of the Contract.

3. In consideration for the sum of [total contract price in words and figures] or such other sums as may be ascertained, [Named of the bidder] agrees to [state the object of the contract] in accordance with his/her/its Bid.
4. The [Name of the procuring entity] agrees to pay the above-mentioned sum in accordance with the terms of the Bidding.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of the Republic of the Philippines on the day and year first above written.

[Insert Name and Signature]

[Insert Name and Signature]

[Insert Signatory's Legal Capacity]

[Insert Signatory's Legal Capacity]

for:

for:

[Insert Procuring Entity]

[Insert Name of Supplier]

Acknowledgment

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

Omnibus Sworn Statement (Revised)
[shall be submitted with the Bid]

REPUBLIC OF THE PHILIPPINES)
CITY/MUNICIPALITY OF _____) S.S.

AFFIDAVIT

I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:

1. [Select one, delete the other:]

[If a sole proprietorship:] I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];

[If a partnership, corporation, cooperative, or joint venture:] I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

2. [Select one, delete the other:]

[If a sole proprietorship:] As the owner and sole proprietor, or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached duly notarized Special Power of Attorney;

[If a partnership, corporation, cooperative, or joint venture:] I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable)];

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. [Select one, delete the rest:]

[If a sole proprietorship:] The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a partnership or cooperative:] None of the officers and members of [Name of Bidder] is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a corporation or joint venture:] None of the officers, directors, and controlling stockholders of [Name of Bidder] is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. [Name of Bidder] complies with existing labor laws and standards; and

8. [Name of Bidder] is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:

a. Carefully examining all of the Bidding Documents;

b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;

c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and

d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the [Name of the Project].

9. [Name of Bidder] did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

10. In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to

deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.

IN WITNESS WHEREOF, I have hereunto set my hand this ____ day of ____, 20__ at _____, Philippines.

[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]

Performance Securing Declaration (Revised)
[if used as an alternative performance security but it is not required to be submitted with the Bid, as it shall be submitted within ten (10) days after receiving the Notice of Award]

REPUBLIC OF THE PHILIPPINES)
CITY OF _____) S.S.

PERFORMANCE SECURING DECLARATION

Invitation to Bid: [Insert Reference Number indicated in the Bidding Documents]

To: [Insert name and address of the Procuring Entity]

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, to guarantee the faithful performance by the supplier/distributor/manufacturer/contractor/consultant of its obligations under the Contract, I/we shall submit a Performance Securing Declaration within a maximum period of ten (10) calendar days from the receipt of the Notice of Award prior to the signing of the Contract.
2. I/We accept that: I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of one (1) year for the first offense, or two (2) years for the second offense, upon receipt of your Blacklisting Order if I/We have violated my/our obligations under the Contract;
3. I/We understand that this Performance Securing Declaration shall cease to be valid upon:
 - a. issuance by the Procuring Entity of the Certificate of Final Acceptance, subject to the following conditions:
 - i. Procuring Entity has no claims filed against the contract awardee;
 - ii. It has no claims for labor and materials filed against the contractor; and
 - iii. Other terms of the contract; or
 - b. replacement by the winning bidder of the submitted PSD with a performance security in any of the prescribed forms under Section 39.2 of the 2016 revised IRR of RA No. 9184 as required by the end-user.

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]

NET FINANCIAL CONTRACTING CAPACITY (NFCC) COMPUTATION

- A. The values of the bidder's current assets and current liabilities shall be based on the data submitted to the BIR, through its Electronic Filing and Payment System (EFPS).

		Year 20
1.	Total Assets	
2.	Current Assets	
3.	Total Liabilities	
4.	Current Liabilities	
5.	Net Worth (1-3)	
6.	Net Working Capital (2-4)	

- B. The Net Financial Contracting Capacity (NFCC) based on the above data is computed as follows:

NFCC = [(Current asset minus current liabilities) (15)] minus the value of all outstanding or uncompleted portions of the projects under ongoing contracts, including awarded contracts yet to be started, coinciding with the contract to be bid

NFCC = Php _____

K = 15

Herewith attached are certified true copies of the income tax return and audited financial statement: stamped "RECEIVED" by the BIR or BIR authorized collecting agent for the immediately preceding year.

Submitted by:

Name of Supplier/Distributor/Manufacturer

Signature of Authorized Representative

**STATEMENT OF THE BIDDER'S ONGOING GOVERNMENT AND PRIVATE CONTRACTS,
INCLUDING CONTRACTS AWARDED BUT NOT YET STARTED**

This is to certify that _____ has the following ongoing government and private contracts, including contracts awarded but not yet started:

NAME OF THE CONTRACT	DATE OF THE CONTRACT	CONTRACT DURATION	OWNER'S NAME & ADDRESS	KINDS OF GOODS/SERVICES DELIVERED	AMOUNT OF CONTRACT	VALUE OF OUTSTANDING CONTRACT	DATE OF DELIVERY

***PROOF OF CONTRACT TO BE PRESENTED AT POST-QUALIFICATION.**

Name and Signature of Authorized Representative

Date

**STATEMENT OF THE BIDDER'S SINGLE LARGEST COMPLETED CONTRACT (SLCC)
SIMILAR TO THE CONTRACT TO BE BID**

This is to certify that _____ has completed the following:

NAME OF THE CONTRACT	DATE OF THE CONTRACT	CONTRACT DURATION	OWNER'S NAME & ADDRESS	KINDS OF GOODS	AMOUNT OF COMPLETED CONTRACT/S	DATE OF DELIVERY	END USER'S ACCEPTANCE OR OFFICIAL RECEIPT(S) OR SALES INVOICE ISSUED FOR THE CONTRACT*

***TO BE ATTACHED TO THE STATEMENT**

Name and Signature of Authorized Representative

Date