

PN BIDS AND AWARDS COMMITTEE

Philippine Navy Project

***Supply and Delivery of Materials and Repair Parts
for the Repair and Maintenance of Power Support
System of LMSs and LMDs at Naval Forces
Eastern, Western Mindanao and Northern Luzon***

C4ISR-PNBAC1-2024-41

PHILIPPINE BIDDING DOCUMENTS

(As Harmonized with Development Partners)

2024

**HEADQUARTERS PHILIPPINE NAVY
NAVAL STATION JOSE V ANDRADA
2335 PRES. MANUEL ROXAS BLVD., MANILA**

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.



HEADQUARTERS PHILIPPINE NAVY
OFFICE OF THE PHILIPPINE NAVY BIDS AND AWARDS COMMITTEE-1
 Naval Station Jose Francisco, Fort Bonifacio, Taguig City

INVITATION TO BID FOR THE PROJECT
Supply and Delivery of Repair Parts for the Repair and Maintenance of Power Support Systems of LMSs and LMDs at Naval Forces Eastern, Western Mindanao and Northern Luzon

- The Philippine Navy through the **GAA 2024 PN Appropriation Fund** intends to apply the sum of **Three Million Four Hundred Six Thousand Three Hundred Sixty-Three Pesos and 40/100 (Php 3,406,363.40)** only. only being the ABC to payments under the contract for the Supply and Delivery of Repair Parts for the Repair and Maintenance of Power Support Systems of LMSs and LMDs at Naval Forces Eastern, Western Mindanao and Northern Luzon. Bids received in excess of the ABC shall be automatically rejected at bid opening.

Nomenclature/ Activity	Approved Budget for the Contract	Price of Bidding Documents (Non-Refundable)	Date/Time		Delivery Period
			Pre-Bid Conference (PBC)	Submission & Opening of Bid Envelopes (SOBE)	
C4ISR-PNBAC1-2024-41 Supply and Delivery of Repair Parts for the Repair and Maintenance of Power Support Systems of LMSs and LMDs at Naval Forces Eastern, Western Mindanao and Northern Luzon	₱3,406,363.40	₱5,000.00	July 30, 2024 09:00 A.M (Tuesday)	August 15, 2024 09:00 A.M (Thursday)	Forty-Five (45) Calendar Days from the receipt of Notice to Proceed (NTP)

- The **Philippine Navy, through the Philippine Navy Bids and Awards Committee (PNBAC)** now invites bids for the above Procurement Project. Completion of the Works is required by **Forty-Five (45) Calendar Days from the receipt of Notice to Proceed (NTP)**. Bidders should have completed a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instruction 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) No. 9184. **Bidding is open to all interested bidders, whether local or foreign, subject to the conditions for eligibility provided in the 2016 revised IRR of RA No. 9184.**
- Interested Bidders may obtain further information from Philippine Navy Bids and Awards Committee (PNBAC-1) and inspect the Bidding Documents at the address given below during, **Monday to Friday from 8:00 AM to 5:00 PM**
- A complete set of Bidding Documents may be acquired by interested Bidders on **July 25, 2024 to August 14, 2024 from 8:00 AM to 5:00 PM, Monday to Friday** from the given address and website below upon payment of the applicable fee for the Bidding Documents, pursuant to the latest

Guidelines issued by the GPPB, in the amount of **Five Thousand Pesos (PhP5,000.00)**. The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person or through electronic means.

6. The Philippine Navy Bids and Awards Committee (PNBAC-1) will hold a Pre-Bid Conference via **blended/VTC on July 30, 2024 09:00 A.M (Tuesday) at Philippine Navy Bids and Awards Committee, Naval Station Jose Francisco, Fort Bonifacio, Taguig City or through Video Tele Conferencing (VTC) via Zoom Application. (Zoom Meeting ID: 965 038 3082; Password: SDr9Dz)**, which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below, on or before **August 15, 2024 09:00 A.M (Thursday)**. Late bids shall not be accepted.
8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 14.
9. Bid opening shall be conducted via **blended/VTC on August 15, 2024 09:00 A.M (Thursday) at Philippine Navy Bids and Awards Committee, Naval Station Jose Francisco, Fort Bonifacio, Taguig City**. Bidders **may physically attend** the opening and evaluation of bidding documents or through **Video Tele Conferencing (VTC) via Zoom Application. (Zoom Meeting ID: 965 038 3082; Password: SDr9Dz)** who choose to attend the activity. Bids received in excess of the ABC for each lot shall be automatically rejected at bid opening.
10. The Philippine Navy 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.
11. For further information, please refer to:

LCDR ROMELL M CARRASCO PN

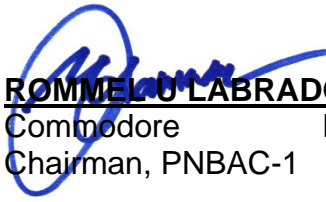
*Office of the PN Bids and Awards Committee
Naval Station Jose Francisco, Fort Bonifacio, Taguig City
Cell Phone Nr: 0917-587-4882
Email Add: pnbac2016@gmail.com*

12. You may visit the following websites:

For downloading of Bidding Documents: **www.Philgeps.gov.ph**

July 22, 2024

Date of Issue


ROMMEL LABRADOR
Commodore PN
Chairman, PNBAC-1

Section II. Instruction to Bidders

1. Scope of Bid

- 1.1 The Procuring Entity, Armed Forces of the Philippines (Philippine Navy), wishes to receive Bids for the **Supply and Delivery of Materials and Repair Parts for the Repair and Maintenance of Power Support System of LMSs and LMDs at Naval Forces Eastern, Western Mindanao and Northern Luzon** with identification number **(C4ISR-PNBAC1-2024-41)**.
- 1.2 The Procurement Project "**Supply and Delivery of Materials and Repair Parts for the Repair and Maintenance of Power Support System of LMSs and LMDs at Naval Forces Eastern, Western Mindanao and Northern Luzon**" is composed *One (1) lot*, the details of which are described in Section VII (Technical Specifications).

2. Funding Information

- 2.1 The Government of the Philippines (GOP) through the source of funding as indicated below for Philippine Navy Appropriations CY2024 under Early Procurement Activity (EPA) in the amount of **Three Million Four Hundred Six Thousand Three Hundred Sixty-Three Pesos and 40/100 (Php 3,406,363.40)** only.
- 2.2 The source of funding is National Government Agency (NGA), National Expenditure Program.

3. Bidding Requirements

- 3.1 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.
- 3.2 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.
- 3.3 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:

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

For procurement where the Procuring Entity has determined, after the conduct of market research, that imposition of either (a) or (b) will likely result to failure of bidding or monopoly that will defeat the purpose of public bidding: the Bidder should comply with the following requirements:

- i. Completed at least two (2) similar contracts, the aggregate amount of which should be equivalent to at least fifty percent (50%) of the ABC for this Project; and
 - ii. The largest of these similar contracts must be equivalent to at least half of the percentage of the ABC as required above.
- 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

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 **[See Invitation to Bid (ITB) or SBB if any] at the Office of the PN Bids and Awards Committee, Naval Station Jose Francisco, Fort Bonifacio, Taguig City** and/or through videoconferencing/webcasting} as indicated in paragraph 6 of the **IB**.

9. Clarification and Amendment of Bidding Documents

9.1. 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.

9.2. The opportunity to raise and submit written queries or clarification is limited only to those who have purchased the Bidding Documents.

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 the last 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: Eligibility and Technical Components

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.

12. Bid Prices

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:

1. The price of the Goods quoted EXW (ex-works, ex-factory, ex-warehouse, ex-showroom, or off-the-shelf, as applicable);
 2. The cost of all customs duties and sales and other taxes already paid or payable;
 3. The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and
 4. The price of other (incidental) services, if any, listed in e.
- (b) For Goods offered from abroad:
1. 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.
 2. 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 trade-able 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 Declaration¹ or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.

14.2 The Bid and bid security shall be valid until *[indicate date (120 CD from SOBE)]*. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

15. Sealing and Marking of Bids

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

¹ In the case of Framework Agreement, the undertaking shall refer to entering into contract with the Procuring Entity and furnishing of the performance security or the performance securing declaration within ten (10) calendar days from receipt of Notice to Execute Framework Agreement.

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

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

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 follows: **One Project having several items that shall be awarded as one contract (Option 1).**
- 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

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

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.

Section III. Bid Data Sheet

ITB Clause										
2	<p>The Funding Source is:</p> <p>The Government of the Philippines (GOP) through PHILIPPINE NAVY Appropriations CY2024 under Early Procurement Activity (EPA) in the amount of Three Million Four Hundred Six Thousand Three Hundred Sixty-Three Pesos and 40/100 (Php 3,406,363.40).</p> <p>The name of the project is: Supply and Delivery of Materials and Repair Parts for the Repair and Maintenance of Power Support System of LMSs and LMDs at Naval Forces Eastern, Western Mindanao and Northern Luzon</p>									
5.3	<p>The bidder must have completed a similar Government and/or Private Contracts with equivalent amount of at least 50% of the ABC.</p> <p>For this purpose, contracts similar to the Projects shall be:</p> <ul style="list-style-type: none"> a) “Supply and Delivery of Repair Parts for the Repair and Maintenance of Power Support Systems” b) Completed within FIVE (5) YEARS prior to the deadline for the submission and receipt of bids. 									
7.1	Subcontracting is not allowed.									
10	See Section VIII. Checklist of Technical and Financial Documents									
11	<p>The ABC is <u>Three Million Four Hundred Six Thousand Three Hundred Sixty-Three Pesos and 40/100 (Php 3,406,363.40)</u>.only as follows:</p> <table border="1" data-bbox="363 1361 1417 1682"> <thead> <tr> <th data-bbox="363 1361 962 1413">TITLE</th> <th data-bbox="962 1361 1126 1413">ITEM NR</th> <th data-bbox="1126 1361 1417 1413">ABC (PHP)</th> </tr> </thead> <tbody> <tr> <td data-bbox="363 1413 962 1637">Supply and Delivery of Materials and Repair Parts for the Repair and Maintenance of Power Support System of LMSs and LMDs at Naval Forces Eastern, Western Mindanao and Northern Luzon</td> <td data-bbox="962 1413 1126 1637">1-12</td> <td data-bbox="1126 1413 1417 1637">Php3,406,363.40</td> </tr> <tr> <td colspan="2" data-bbox="363 1637 1126 1682" style="text-align: center;">TOTAL</td> <td data-bbox="1126 1637 1417 1682">Php3,406,363.40</td> </tr> </tbody> </table> <p>Any bid with a financial offer exceeding the total ABC shall not be accepted.</p> <p>During the evaluation of the financial envelope, in cases that there are the same items under the different line items in the Technical Specifications and such same items were not quoted with the same price, it is understood that the lowest price quoted for such items will be used in the computation of the bid price.</p>	TITLE	ITEM NR	ABC (PHP)	Supply and Delivery of Materials and Repair Parts for the Repair and Maintenance of Power Support System of LMSs and LMDs at Naval Forces Eastern, Western Mindanao and Northern Luzon	1-12	Php3,406,363.40	TOTAL		Php3,406,363.40
TITLE	ITEM NR	ABC (PHP)								
Supply and Delivery of Materials and Repair Parts for the Repair and Maintenance of Power Support System of LMSs and LMDs at Naval Forces Eastern, Western Mindanao and Northern Luzon	1-12	Php3,406,363.40								
TOTAL		Php3,406,363.40								

	Same item shall mean items with the same name, same serial/part number and or proof of equivalence.
12	The price of the goods shall be quoted Delivered Duty Paid (DDP) to be delivered to the project site.
14.1	<p>The bid security shall be limited to any of the following forms and amount:</p> <ol style="list-style-type: none"> 1. PhP 68,127.26, Two percent (2%) of the ABC if bid security is in cashier's/manager's: 2. PhP 170,318.17, Five percent (5%) of ABC if bid security is in Surety Bond: <p>or;</p> <ol style="list-style-type: none"> 3. Duly notarized Bid-Securing Declaration. <p>The Bid Security shall be payable to the Armed Forces of The Philippines (AFP)/Philippine Navy (PN).</p>
15	<p>Each Bidder shall submit one (1) original and four (4) copies of the first and second components of its bid with proper tabs.</p> <p>All envelopes shall:</p> <ol style="list-style-type: none"> (a) Contain the name of the contract to be bid in capital letters; (b) Bear the name and address of the Bidder in capital letters; (c) Be addressed to the Procuring Entity's BAC in accordance with ITB Clause 1.1; (d) Bear the specific identification of this bidding process indicated in the ITB Clause 1.2; and (e) Bear a warning "DO NOT OPEN BEFORE..." the date and time for the opening of bids, in accordance with ITB Clause 21. <p>TO: PHILIPPINE NAVY BIDS AND AWARDS COMMITTEE</p> <p>FROM: _____ (Name of Bidder in Capital Letters)</p> <p>ADDRESS: _____ (Address of Bidder in Capital Letters)</p> <p>PROJECTS:</p> <p>Supply and Delivery of Materials and Repair Parts for the Repair and Maintenance of Power Support System of LMSs and LMDs at Naval Forces Eastern, Western Mindanao and Northern Luzon</p>

	<p>BID REF NO: (In Capital Letters, Indicate the Phrase): "DO NOT OPEN BEFORE: _____ (Time and date of SOBE)</p>
16	The deadline for submission of bids is <u>[See Invitation to Bid (ITB) or SBB if any]</u>
19.4	<p>Grouping and Evaluation of Lot – The goods shall be bid as one project for the purpose of evaluation, and contract award.</p>
20	<p>The authenticated or certified true copies of the following documentary requirements must be submitted during PQ (Original Copy must be presented):</p> <ul style="list-style-type: none"> i. General Information Sheet of the Company; ii. Latest Income and Business Tax Returns filed through Electronic Filing and Payment System (EFPS); iii. Current and valid PHILGEPS (Platinum) Certificate of the proponent/s with updated supporting documents: <ul style="list-style-type: none"> a. SEC/DTI/CDA Registration Certificate; b. Business/Mayor’s Permit; c. Tax Clearance; and d. Updated Audited Financial Statement; iv. Warranty Certificate; v. Project Specific Eligibility/Additional Requirement: <ul style="list-style-type: none"> a. Notarized Certification from the proponent that it will ensure to deliver genuine and original equipment/machineries/ spare parts. (see sample form I1); b. Authorized Distributor/Re-Seller Certificate from the manufacturer; c. Customer Satisfaction Assessment with the rating expressing at least Very Satisfactory performance issued by the company/end-users for all the contracts the bidder has submitted to comprise the largest similar contract; d. Certificate of Sample Items Verification to be issued by the authorized end-user representative: <p style="text-align: center;">CDR MARK B BUHION PN (GSC) Acting Commanding Officer, Maritime Domain Awareness Group Contact Nr. 0999 992 1326</p> vi. Certificate of no delay of not more than 10% of ALL its ongoing contracts with the Philippine Navy, thru PNBAC, to be issued by 302nd Contracting Office. vii. The SLCC statement should be supported with the following documents: <ul style="list-style-type: none"> A) Notice of Award (NOA); B) Notice to Proceed (NTP);

	<p>C) PN Technical Inspection and Acceptance Committee (TIAC) Report; and/or Certificate of Final Acceptance Report or equivalent in the Private Sector</p> <p>viii. Other supporting permits, appropriate Board Resolution, documents etc., that will support the veracity of technical/eligibility documents presented during the Submission and Opening of Bid Envelopes (SOBE).</p> <p>Note: The latest income and business tax returns are those within the last six (6) months preceding the date of bid submission.</p> <p>Failure to submit the above requirements on time or a finding against the veracity of such shall be grounds for disqualification of the bidder and the subsequent forfeiture of the bid security.</p>
21	In order to guarantee faithful performance of its obligation under the contract, the winning bidder must submit either a performance security in any of the prescribed forms under Section 39.2 of the 2016 revised IRR of RA No. 9184

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

- 4.1 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.

- 4.2 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

- 5.1 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.
- 5.2 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

- 6.1 The Supplier's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.
- 6.2 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

GCC Clause	
1	<p>The Project Site/Delivery Site is at the <u>Headquarters Naval Information and Communications Technology Center.</u></p> <p>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:</p> <p>[For Goods supplied from abroad, state:] “The delivery terms applicable to the Contract are DDP delivered <u>Headquarters Naval Information and Communications Technology Center.</u> In accordance with INCOTERMS.”</p> <p>[For Goods supplied from within the Philippines, state:] “The delivery terms applicable to this Contract are delivered <u>Headquarters Naval Information and Communications Technology Center.</u> Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.”</p> <p>Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).</p> <p>For purposes of this Clause the Procuring Entity’s Representative at the Project Site is at <u>Commander, Naval Information and Communications Technology Center (CNICTC), or his authorized representative.</u></p> <p>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:</p> <ol style="list-style-type: none"> 1. Performance or supervision of on-site assembly and/or start-up of the supplied Goods. 2. Furnishing of tools required for assembly and/or maintenance of the supplied Goods. 3. Furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods. 4. Performance or supervision or maintenance and/or repair of the supplied Goods, for a period agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this contract. 5. Supplier should deliver all equipment indicated in the Section VII (Technical Specifications) at Headquarters Naval Information and Communications Technology Center.

6. **Supplier should conduct operations, maintenance and troubleshooting training to atleast 10 personnel for 3 days at HNICTC.**
7. **Materials, transportation, meals and other miscellaneous expenses during the conduct of training shall be shouldered by the Supplier.**

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:

1. 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
2. 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 costs 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 [indicate here the time period specified. If not used indicate a time period of three times the warranty period].

Spare parts or components shall be supplied as promptly as possible, but in any case, within [insert appropriate time period] months of placing the order.

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

<p>transit, and open storage. Packaging case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.</p> <p>The packaging, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified below, and in any subsequent instructions ordered by the Procuring Entity.</p> <p>The outer packaging must be clearly marked on at least four (4) sides as follows:</p> <p>Name of the Procuring Entity Name of the Supplier Contract Description Final Destination Gross weight Any special lifting instructions Any special handling instructions Any relevant HAZCHEM classifications</p> <p>A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.</p> <p>Transportation –</p> <p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.</p> <p>Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.</p> <p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available</p>
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	<p>but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure.</p> <p>The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.</p> <p>Intellectual Property Rights –</p> <p>The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.</p>
<p>2.1</p>	<p>Advance Payment is NOT allowed.</p> <p>No payment shall be made without complete delivery of the goods as per contract. Payment must comply with the Payment Scheme as stated in Section V paragraph 2.2.</p>
<p>2.2</p>	<p>One-Time Payment.</p> <p>Payment shall be made only upon a certification by the Head of the Procuring Entity to the effect that the Goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted by the PNTIAC.</p> <p>Release of Retention Money.</p> <p>The obligation for the warranty shall be covered by, at the Supplier's option, either retention money in an amount equivalent to five percent (5%) of the Total Contract Price, or a special bank guarantee equivalent to Five percent (5%) of the Total Contract Price or other such amount if so specified in the SCC. The said amounts shall only be release after the lapse of the warranty period specified in the SCC; provided, however, that the Supplies delivered are free from patent and latent defects and all the conditions imposed under this Contract have been fully met.</p> <p>Notes:</p> <ul style="list-style-type: none"> a) Payment must always be made in accordance to existing laws and accounting and auditing principles and procedures. b) Payment shall be made only upon submission of the required Auditorial Documents. c) Payment must also comply with existing accounting and auditing policies, procedures and rules.

<p>3</p>	<p>In order to guarantee faithful performance of its obligation under the contract, the winning bidder must submit either a performance security in any of the prescribed forms under Section 39.2 of the 2016 revised IRR of RA No. 9184</p>
<p>4</p>	<p>PN TIAC FOR C4ISR requirements for inspection upon completion of delivery as applicable shall be:</p> <ol style="list-style-type: none"> 1) The Supplier must submit to the Authorized Representative of the HOPE and to the PN Technical Inspection and Acceptance Committee (TIAC) upon delivery and/or prior to the installation thereof the Certificate of Origin, Certificate of Warranty, and any of the following documents: <ul style="list-style-type: none"> ▪ OEM Certificate ▪ Certificate of Conformity ▪ Authentic Sales Invoice/Official Receipt/ Bill of Lading/Import Documents authenticated by Bureau of Customs. 2) Completeness of delivery and activation/renewal of new subscriptions; 3) Conformance to Technical Specifications 4) Satisfactory tested and inspected the delivered items 5) End-user’s Acceptance Report <p>That the goods to be supplied must be new, unused, free from defects and strictly in accordance with the technical specifications. The manufactured date of goods must not exceed more than two (2) years from date of delivery.</p>
<p>5</p>	<p>Minimum of One (1) year warranty.</p> <p>Warranty period will start immediately after the issuance of the <u>PN TIAC FINAL ACCEPTANCE REPORT.</u></p> <ol style="list-style-type: none"> a) The Obligation for the warranty (1 year warranty) shall be covered by, at the Supplier’s option, either retention money in an amount equivalent to five percent (5%) of the Total Contract Price, or a special bank guarantee equivalent to Five percent (5%) of the Total Contract Price or other such amount if so specified in the SCC. The retention money for warranty (1 year warranty) shall always be five percent (5%) of the Total Contract Price. b) IN CASE OF DELIVERY OF PARTS/MATERIALS: If there are defects noted on the delivered Goods, the Procuring Entity shall notify the Supplier, through concerned Contracting office, of said defects in writing and must be acted upon by the Supplier within ten (10) calendar days and the replacement of the defective parts must be delivered within thirty (30) calendar days upon notice to the supplier.

	<p>c) IN CASE OF PERFORMANCE OF SERVICE/WORK, the warranty repair/work must be acted upon within 10 CD from notice to the supplier. The repair/work must be performed where the vessel is located/deployed. All incidental expenses/cost to remedy this defect shall be borne by the supplier.</p> <p>d) Failure of the supplier/contractor to deliver the parts or perform the service within 30 calendar days from the receipt of notice to remedy the defect under the warranty, the PE shall have the right to remedy the defect in order to immediately restore the operational readiness of the vessel and subsequently withhold the supplier's retention money. This exercise of right shall not void the warranty.</p> <p>e) The retention money shall only be release after the lapse of the warranty period specified in the SCC; Provided, however, that the goods/parts delivered and the service performed are free from patent and latent defects and all the conditions imposed under this Contract have been fully met. Provided further, that the end-user shall issue a Certificate of Final Acceptance certifying that the supplier/contractor has satisfactorily delivered/cured/remedied the defects and there are no charges imposed upon the retention money.</p> <p>f) The supplier/contractor's performance under this warranty is subject to the issuance of warranty certificate.</p>
<p>6.1</p>	<p>If the Supplier fails to satisfactorily deliver any or all of the Goods <u>after the lapsed of the delivery period</u>, inclusive of duly granted time of extensions if any, the Procuring Entity shall, without prejudice to its other remedies under this Contract and under the applicable law, deduct from the Contract Price, as liquidated damages, the applicable rate of one tenth (1/10) of one (1) percent of the cost of the unperformed portion for every day of delay until the actual delivery or performance. Once the amount of liquidated damages reaches ten percent (10%), the Procuring Entity may rescind or terminate the contract without prejudice to other courses of action and remedies open to it.</p>

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Section VI. Schedule of Requirements

The contractor must be able to complete and deliver the project within the period stated hereunder:

Supply and Delivery of Materials and Repair Parts for the Repair and Maintenance of Power Support System of LMSs and LMDs at Naval Forces Eastern, Western Mindanao and Northern Luzon

L/I Nr	Description	Qty	Unit	Delivery (Calendar Days)	Statement of Compliance (Comply or Not Comply)
Repair Parts of Solar Power System				Forty Five (45) Calendar Days from the receipt of Notice to Proceed (NTP)	
1	Hybrid Inverter 12KW	6	set		
2	Solar Battery 52.1V / 100AH	24	ea		
3	Surge Protection AC	6	ea		
4	Surge Protection DC	6	ea		
5	Metal enclosure	6	ea		
6	DC Circuit Breaker (solar)	6	ea		
7	DC Circuit Breaker (Battery)	6	ea		
8	AC Circuit Breaker 63amp	6	ea		
9	Residual Current Breaker with Over-Current	6	ea		
10	Battery Cable (Black)	10	mtr		
11	Battery Cable (Red)	10	mtr		
12	Solar Panel	24	ea		

Name of Company (in print)

Signature of Company Authorized Representative

Name & Designation (in print)

Date

Section VII. Technical Specifications

STATEMENT OF COMPLIANCE TO TECHNICAL SPECIFICATIONS

The bidder must state in the last column opposite each parameter and required specifications either "Comply" or "Not Comply". All pages shall be properly signed. Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of ITB Clause above goods manufactured by us.

The bidder must submit to the Authorized Representative of the HOPE and to the PN Technical Inspection and Acceptance Committee (TIAC) upon delivery and/or prior to the installation thereof the Certificate of Origin, Certificate of Warranty, and any of the following documents:

- a. OEM Certificate
- b. Certificate of Conformity
- c. Authentic Sales Invoice/Official Receipt/ Bill of Lading/Import Documents authenticated by Bureau of Customs.

CLARIFICATION AND SETTLEMENT OF CONFLICTING INTERPRETATION OF THE TECHNICAL SPECIFICATIONS

All clarifications regarding the technical specifications stipulated in this section will be clarified by the members of the Technical Working Group (TWG) for C4ISR Systems. In cases of conflicting interpretations, the nature and purpose of the equipment will be the basis of interpretation. The main basis for technical specifications and requirements is the nature and purpose of the equipment and its intended use as determined by the doctrinal application of the end-users represented herein by the Project Management Team.

USE THIS FORM, DO NOT RETYPE or ALTER

A. Technical Specifications

Supply and Delivery of Repair Parts for the Repair and Maintenance of Power Support Systems of LMSs and LMDs at Naval Forces West AOR

Item Nr	Product Description	Technical Specifications	Statement of Compliance (Comply or Not Comply)
Repair Parts of Solar Power System			
1	Hybrid Inverter 12KW	<ul style="list-style-type: none"> ➤ Battery Type - Lead-acid or Lithium-ion ➤ Battery Voltage Range (V) - 40~60V ➤ Max. Charging Current (A) - 250A ➤ Max. Discharging Current (A) - 250A ➤ Charging Curve - 3 Stages / Equalization ➤ External Temperature Sensor - Yes ➤ Charging Strategy for Li-ion Battery - Self-adaption to BMS PV String Input Data ➤ Max. DC Input Power (W) - 15600W ➤ PV Input Voltage (V)- 370V (125V~500V) ➤ MPPT Range (V) – 150-425 ➤ Start-up Voltage (V)- 125V ➤ PV Input Current (A) - 26A+26A+26A ➤ Max. PV Isc(A) – 44+44+44 ➤ No.of MPPT Trackers - 3 ➤ No.of Strings Per MPPT Tracker - 2+2+2 AC Output Data ➤ Rated AC Output and UPS Power (W)- 12000W ➤ Max. AC Output Power (W)- 13200W ➤ Peak Power (off grid)- 2 times of rated power, 10 S ➤ AC Output Rated Current (A)- 54.6/52.2 ➤ Max. AC Current (A) – 60/57.4 ➤ Max. Continuous AC Passthrough (A) - 60A ➤ Output Frequency and Voltage - 50 / 60Hz; 230Vac (single phase) ➤ Grid Type - Single Phase ➤ Current Harmonic Distortion - THD<3% (Linear load<1.5%) Efficiency ➤ Max. Efficiency - 97.60% ➤ Euro Efficiency - 97.60% Protection ➤ PV Input Lightning Protection - Integrated ➤ Anti-islanding Protection - Integrated 	

		<ul style="list-style-type: none"> ➤ PV String Input Reverse Polarity Protection - Integrated ➤ Insulation Resistor Detection - Integrated ➤ Residual Current Monitoring Unit - Integrated ➤ Output Over Current Protection - Integrated ➤ Output Shorted Protection- Integrated ➤ Output Over Voltage Protection - Integrated ➤ Surge protection - DC Type II / AC Type II <p>General Data</p> <ul style="list-style-type: none"> ➤ Operating Temperature Range (°C) - -25~60°C, >45°C Derating ➤ Cooling - Smart cooling ➤ Noise (dB) - <30 dB ➤ Communication with BMS - RS485; CAN ➤ Protection Degree - IP65 Installation Style - Wall-mounted 	
2	<p>Solar Battery 52.1V / 100AH</p>	<ul style="list-style-type: none"> ➤ 52.1V 100Ah ➤ Battery Type – LifePO4 Lithium-ion Phosphate ➤ Battery Energy – 5.12kWh ➤ Charge Voltage – 55.68 – 56.16 Vdc ➤ Discharge Voltage – 45.6 – 56.16 Vdc ➤ Max Charge Current – 50A ➤ Max Charge Power – 2500W ➤ Max Discharge Current – 100A ➤ Max Discharge Power – 5000W ➤ Short Circuit Current – 350A ➤ Display – SOC status indicator, LED Indicator ➤ Communication – RS232, RS485, CAN ➤ Cycle life – 8000 cycles @ 80% DOD/25 °C/0.5C, 60%EOL ➤ IP Rating – IP20 	
3	<p>Surge Protection AC</p>	<ul style="list-style-type: none"> ➤ Description: Type 2 AC surge protector-2poles ➤ Network: 230/400,240/415V (TN/TT/IT) ➤ Max. AC operating voltage (Uc): 275V ➤ Nominal discharge current In(kA): 10kA ➤ Max. Discharge current I_{max} (kA): 20kA ➤ Protection level Up (kV): ≤1.8kV ➤ Dimensions: 36*90*62MM ➤ Protection rating: IP 20 ➤ Response time t_A (ns): ≤25 ➤ Operating temperature -40/+85°C ➤ Mounting: DIN Rail 35mm ➤ Housing material: Thermoplastic UL94-V0 ➤ Standards compliance: IEC64643-11, GB/T18802.11 	

4	Surge Protection DC	<ul style="list-style-type: none"> ➤ Description: PV Surge Protection Device ➤ DC Network Un(V): 1000,1300 ➤ Max. AC operating voltage (Uc): 1200 ➤ Nominal discharge current In(kA): 10kA ➤ Max. Discharge current I_{max} (kA): 20kA ➤ Protection level Up (kV): ≤4.0 ➤ Dimensions(1P) (mm): 18*90*62 ➤ Protection rating: IP 20 ➤ Response time t_A (ns): ≤25 ➤ Operating temperature: -40/+85°C ➤ Mounting: DIN Rail 35mm ➤ Standards compliance IEC61643-11, GB/T18802.11 	
5	Metal enclosure	<ul style="list-style-type: none"> ➤ Dimension: 800x600x250mm ➤ Cabinet Finish: Epoxy Polyester Coating ➤ Standard Compliance: IEC60529 and NEMA 4, 12 ➤ IP Rating: IP66 	
6	DC Circuit Breaker (solar)	<ul style="list-style-type: none"> ➤ Type: MCCB ➤ Poles: 2P ➤ Standard: IEC60947.2 ➤ Utilization Category: DC-21B ➤ Rated Operational Voltage (U_e) 1000/1500V ➤ Rated Current 30A ➤ Mechanical Cycle: 20000 ➤ Electrical Cycle:4000 ➤ Protection Degree: IP65 enclosure/IP20 switch bod 	
7	DC Circuit Breaker (Battery)	<ul style="list-style-type: none"> ➤ Type: MCCB ➤ Poles 2P ➤ Standard: IEC60947.2 ➤ Utilization Category: DC-21B ➤ Rated Operational Voltage (U_e):500V ➤ Rated Current:300 Amp ➤ Mechanical Cycle:10000 ➤ Electrical Cycle:2000 ➤ Protection Degree: IP20 body ➤ Certificate: TUV 	
8	AC Circuit Breaker	<ul style="list-style-type: none"> ➤ Type:MCB ➤ Poles:2P ➤ Rated Current:63° ➤ Rated Voltage: 415V ➤ Current: 63Amp ➤ Mounting Style: DIN Rail mount 	
9	Residual Current Breaker with Over-Current	<ul style="list-style-type: none"> ➤ Current Rating: 0.03-4000A ➤ Number of Poles:4 ➤ Trip sensitivity: 300mA ➤ Rated AC Voltage: 450V 	

		➤ Mounting Style: DIN Rail Mount	
10	Battery Cable (Black)	<ul style="list-style-type: none"> ➤ Conductor cross-section: 25mm² ➤ Maximum overall diameter: 10.1mm ➤ Plain copper conductor ➤ Single insulated extra flexible ➤ Color: Black 	
11	Battery Cable (Red)	<ul style="list-style-type: none"> ➤ Conductor cross-section: 25mm² ➤ Maximum overall diameter: 10.1mm ➤ Plain copper conductor ➤ Single insulated extra flexible ➤ Color: Red 	
12	Solar Panel	<ul style="list-style-type: none"> ➤ Type: MONO ➤ 550W 	

Notes:

That the goods to be supplied must be new, unused, free from defects and strictly in accordance with the technical specifications. The manufactured date of goods must not exceed more than two (2) years from date of delivery. **Brand manufacturer and country of origin of the goods must be registered in country with defense partnership agreement or has previously supplied for the Government of the Philippines under any AFP Modernization Program Projects, or treaty ally of the Philippines.**

Section VIII. Checklist of Technical and Financial Documents

I. Technical Component Envelope

TAB	
<u>Legal Documents</u>	
A	Valid and Updated PhilGEPS Registration Certificate (Platinum Membership) (all pages) in accordance with Section 8.5.2 of the IRR;
<u>Technical Documents</u>	
B	Statement of the 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;
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.
D	Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by Insurance Commission; or Original copy of Notarized Bid Securing Declaration
E	Conformity with the following: 1) Schedule of requirements; and 2) Technical Specifications.
F	Original Duly signed Omnibus Sworn Statement with appropriate proof of authority
<u>Financial Documents</u>	
G	NFCC computation (in accordance with ITB Clause 5.5 and Sec 23.4.1.4 of the 2016 IRR of RA 9184); <u>Or</u> Committed Line of Credit from a universal or commercial bank (in accordance with Sec 23.4.1.5 of the 2016 IRR of RA 9184).
H	If applicable, a duly signed joint venture agreement (JVA) in case the joint venture is already in existence; <u>Or</u> Duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.
I	<u>Additional Technical Requirements:</u> 1) Warranty Certificate which starts immediately upon final acceptance

II. Financial Component Envelope

Supply and Delivery of Repair Parts for the Repair and Maintenance of Power Support Systems of LMSs and LMDs at Naval Forces Eastern, Western Mindanao and Northern Luzon

TAB	
A	Original of duly signed and accomplished Financial Bid Form; and
B	Original of duly signed and accomplished Breakdown of Bid Price.