

PHILIPPINE BIDDING DOCUMENTS

Procurement of INFRASTRUCTURE PROJECTS

Government of the Republic of the Philippines

**SUPPLY, DELIVERY AND INSTALLATION OF
SOLAR PANELS FOR BUILDING A AND B**

**Sixth Edition
May 2025**

Preface

These Philippine Bidding Documents (PBDs) for the procurement of Infrastructure Projects (hereinafter referred to also as the “Works”) through Competitive Bidding have been prepared by the Government of the Philippines for use by all branches, agencies, departments, bureaus, offices, or instrumentalities of the government, including government-owned and/or -controlled corporations, government financial institutions, state universities and colleges, local government units, and autonomous regional government. The procedures and practices presented in this document have been developed through broad experience, and are for mandatory use in projects that are financed in whole or in part by the Government of the Philippines or any foreign government/foreign or international financing institution in accordance with the provisions of the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

The PBDs are intended as a model for admeasurements (unit prices or unit rates in a bill of quantities) types of contract, which are the most common in Works contracting.

The Bidding Documents shall clearly and adequately define, among others: (i) the objectives, scope, and expected outputs and/or results of the proposed contract; (ii) the eligibility requirements of Bidders; (iii) the expected contract duration; and (iv) the obligations, duties, and/or functions of the winning Bidder.

Care should be taken to check the relevance of the provisions of the PBDs against the requirements of the specific Works to be procured. If duplication of a subject is inevitable in other sections of the document prepared by the Procuring Entity, care must be exercised to avoid contradictions between clauses dealing with the same matter.

Moreover, each section is prepared with notes intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They shall not be included in the final documents. The following general directions should be observed when using the documents:

- a. All the documents listed in the Table of Contents are normally required for the procurement of Infrastructure Projects. However, they should be adapted as necessary to the circumstances of the particular Project.
- b. Specific details, such as the “*name of the Procuring Entity*” and “*address for bid submission*,” should be furnished in the Instructions to Bidders, Bid Data Sheet, and Special Conditions of Contract. The final documents should contain neither blank spaces nor options.
- c. This Preface and the footnotes or notes in italics included in the Invitation to Bid, BDS, General Conditions of Contract, Special Conditions of Contract, Specifications, Drawings, and Bill of Quantities are not part of the text of the final document, although they contain instructions that the Procuring Entity should strictly follow.
- d. The cover should be modified as required to identify the Bidding Documents as to the names of the Project, Contract, and Procuring Entity, in addition to date of issue.

- e. Modifications for specific Procurement Project details should be provided in the Special Conditions of Contract as amendments to the Conditions of Contract. For easy completion, whenever reference has to be made to specific clauses in the Bid Data Sheet or Special Conditions of Contract, these terms shall be printed in bold typeface on Sections I (Instructions to Bidders) and III (General Conditions of Contract), respectively.
- f. For guidelines on the use of Bidding Forms and the procurement of Foreign-Assisted Projects, these will be covered by a separate issuance of the Government Procurement Policy Board.

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Glossary of Terms, Abbreviations, and Acronyms

ABC – Approved Budget for the Contract.

ARCC – Allowable Range of Contract Cost.

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.

CDA – Cooperative Development Authority.

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])

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.

Contractor – is a natural or juridical entity whose proposal was accepted by the Procuring Entity and to whom the Contract to execute the Work was awarded. Contractor as used in these Bidding Documents may likewise refer to a supplier, distributor, manufacturer, or consultant.

CPI – Consumer Price Index.

DOLE – Department of Labor and Employment.

DTI – Department of Trade and Industry.

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]).

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.

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.

PCAB – Philippine Contractors Accreditation Board.

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.

UN – United Nations.

Section I. Invitation to Bid



REPUBLIC OF THE PHILIPPINES
Philippine State College of Aeronautics
Piccio Garden, Villamor, Pasay City

INVITATION TO BID

Supply, Delivery and Installation of Solar Panels for Building A and B

1. The **Philippine State College of Aeronautics (PhilSCA)** through the **Corporate Operating Budget** intends to apply the sum **Twenty-Two Million Pesos (PhP 22,000,000.00)** being the Approved Budget for the Contract (ABC) to payments under the contract for **Bid** entitled **Supply, Delivery and Installation of Solar Panels for Building A and B/PB2025 – Infra -9**. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. PhilSCA now invites bids for the above Procurement Project. Completion of the Works is **90 days after the receipt of Notice to Proceed**. 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 (Instructions to Bidders).
3. Bidding will be conducted through open competitive bidding procedures using non-discretionary *"pass/fail"* criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
4. Prospective Bidders may obtain further information from the Bids and Awards Committee of PhilSCA and inspect the Bidding Documents at the address given below during office hours from 8:00AM to 5:00PM, Monday to Friday except Saturdays, Sundays and Holidays.
5. A complete set of Bidding Documents may be acquired by interested bidders on **May 27, 2025 to June 16, 2025** fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **Twenty - Five Thousand Pesos (PhP 25,000.00)**. The Procuring Entity shall allow the bidder to present its proof of payment for the fees be presented in person.
6. The Philippine State College of Aeronautics] will hold a Pre-Bid Conference on June 3, 2025, 9:00 AM at Bids and Awards Committee Office of Building – A, PhilSCA, Piccio Garden, Villamor, Pasay City which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat through manual submission at the office address as indicated below on or before **June 16, 2025, 8:20 am**. 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 on **June 16, 2025, Monday at 8:30 AM** onwards at the given address below through blended (in person or online). Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
10. PhilSCA 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/s.
11. For further information, please refer to:

MR. NOEL E. LAGUI

Head, BAC Secretariat
BAC Office, Building – A, PhilSCA,
Piccio Garden, Villamor, Pasay City
philscabac@gmail.com
09285244731
www.philsca.edu.ph

12. You may visit the website: www.philsca.edu.ph for downloading of Bidding Documents.

Date Posted: **May 27, 2025**

DARBY P. ESPERANZATE

Chairperson, Bids and Awards Committee

Section II. Instructions to Bidders

1. Scope of Bid

1. Scope of Bid

The Procuring Entity, NFRDI invites Bids for the **Supply, Delivery and Installation of Solar Panels for Building A and B**, with Project Identification Number **PB2025 – Infra – 9**.

The Procurement Project (referred to herein as “Project”) is for the construction of Works, as described in Section VI (Specifications).

2. Funding Information

2.1. The GOP through the source of funding as indicated below for APP CY 2025 in the amount of **Twenty - Two million Pesos, PhP 22,000,000.00**, inclusive of all applicable government taxes.

2.2. The source of funding is:

- a. GOCC and GFIs, the proposed Corporate Operating Budget.

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 Manual 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 invitation to bid 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 inspected the site, determined the general characteristics of the contracted Works and the conditions for this Project, such as the location and the nature of the work; (b) climatic conditions; (c) transportation facilities; (c) nature and condition of the terrain, geological conditions at the site communication facilities, requirements, location and availability of construction aggregates and other materials, labor, water, electric power and access roads; and (d) 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, Coercive, and Obstructive Practices

The Procuring Entity, as well as the Bidders and Contractors, 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. The Bidder must have an experience of having completed a Single Largest Completed Contract (SLCC) that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC adjusted, if necessary, by the Bidder to current prices using the PSA's CPI, except under conditions provided for in Section 23.4.2.4 of the 2016 revised IRR of RA No. 9184.

A contract is considered to be "similar" to the contract to be bid if it has the major categories of work stated in the **BDS**.

- 5.3. For Foreign-funded Procurement, the Procuring Entity and the foreign government/foreign or international financing institution may agree on another track record requirement, as specified in the Bidding Document prepared for this purpose.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.2 of the 2016 IRR of RA No. 9184.

6. Origin of Associated 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.

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 fifty percent (50%) 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 below 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 IX. Checklist of Technical and Financial Documents**.
- 10.2. 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. 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.
- 10.3. A valid special PCAB License in case of Joint Ventures, and registration for the type and cost of the contract for this Project. Any additional type of Contractor license or permit shall be indicated in the **BDS**.
- 10.4. A List of Contractor's key personnel (e.g., Project Manager, Project Engineers, Materials Engineers, and Foremen) assigned to the contract to be bid, with their complete qualification and experience data shall be provided. These key personnel must meet the required minimum years of experience set in the **BDS**.
- 10.5. A List of Contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership, certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be, must meet the minimum requirements for the contract set in the **BDS**.

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 IX. Checklist of Technical and Financial Documents**.
- 11.2. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 11.3. 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. Alternative Bids

Bidders shall submit offers that comply with the requirements of the Bidding Documents, including the basic technical design as indicated in the drawings and specifications. Unless there is a value engineering clause in the **BDS**, alternative Bids shall not be accepted.

13. Bid Prices

All bid prices for the given scope of work in the Project as awarded shall be considered as fixed prices, and therefore not subject to price escalation during contract implementation, except under extraordinary circumstances as determined by the NEDA and approved by the GPPB pursuant to the revised Guidelines for Contract Price Escalation guidelines.

14. Bid and Payment Currencies

14.1. 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.

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

15. Bid Security

15.1. 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**.

15.2. The Bid and bid security shall be valid until **120 calendar days from the date of bid opening**. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

16. Sealing and Marking of Bids

Each Bidder shall submit **one (1) original and three (3) copies** of the first and second components of its Bid. Every page must be signed by the authorize bidder's representative.

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 to the given website 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.

17. Deadline for Submission of Bids

The Bidders shall submit on the specified date and time its physical address as indicated in paragraph 7 of the **IB**.

18. Opening and Preliminary Examination of Bids

18.1. 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.

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

19. Detailed Evaluation and Comparison of Bids

19.1. The Procuring Entity's 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 2016 revised IRR of RA No. 9184.

19.2. If the Project allows partial bids, all Bids and combinations of Bids as indicated in the **BDS** shall be received by the same deadline and opened and evaluated simultaneously so as to determine the Bid or combination of Bids offering the lowest calculated cost to the Procuring Entity. Bid Security as required by **ITB** Clause 15 shall be submitted for each contract (lot) separately.

19.3. In all cases, the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184 must be sufficient for the total of the ABCs for all the lots 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

Bid Data Sheet

ITB Clause			
5.2	For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be: Solar PV contracts with minimum total aggregate installed capacity of 250 kWp within the last five (5) years.		
7.1	Subcontracting is not allowed		
10.3	PCAB License, Category “B” with a classification Electrical Work For Joint Venture Bidders, a Joint License issued by the PCAB pursuant to Section 38 of Republic Act No. 4566, and not the PCAB license and registration individually issued to each joint venture partner must be submitted. Failure of the Joint Venture Bidders to submit a Joint License may be a ground for its disqualification despite the submission of the individual licenses of each joint venture partner.		
10.4	The key personnel must meet the required minimum years of experience set below:		
	Key Personnel	General Experience	Relevant Experience
	Design Professionals:		
	Professional Electrical Engineer (1)	Holder of valid PRC license	Minimum of 12 years
	Professional Electronics and Communication Engineer (1)	Holder of valid PRC license	Minimum of 10 years
	Registered Civil Engineer (1)	Holder of valid PRC license; must be a member of Association of Structural Engineers of the Philippines (ASEP)	Minimum of 12 years
	Registered Electrical Engineer (1)	Holder of valid PRC license	Minimum of 5 years
	Registered Electronics and Communication Engineer (1)	Holder of valid PRC license	Minimum of 5 years

Installation Personnel:

Registered Electrical Engineer (1)	Holder of valid PRC license	Minimum of 5 years
Registered Civil Engineer (1)	Holder of valid PRC license	Minimum of 5 years
Foreman (1)	Holder of valid National Certificate II	Minimum of 5 years
Electrician (3)	Holder of valid National Certificate II	Minimum of 5 years
Welder (3)	Holder of valid National Certificate II	Minimum of 3 years
Safety Officer (3)	(1) Holder of valid Safety Training Certification (COSH-SO-3) (2) Holder of valid Safety Training Certification (COSH-SO-2)	Minimum of 5 years Minimum of 1 year
Fire Safety Officer (1)	Holder of valid Fire Safety Training Certification	Minimum of 5 years
First Aider (1)	Holder of valid Philippine Red Cross Standard First Aid & Basic life Support and CPR Certification	Minimum of 1 year
Security Guard (2)	Holder of valid Certificate duly recognized by Philippine government	Minimum of 1 year
Solar Installer (5)		Minimum of 1 year
Electrical Helper (5)		Minimum of 1 year

10.5

The minimum major equipment requirements are the following:

Equipment

Capacity

Number of Units

Description	Qty
Boom Truck Crane	1
Scaffolding	1
Welding Machine	3
Ladder	1
Power tools	1
Testing Equipment	1

12	<i>[Insert Value Engineering clause if allowed.]</i>
15.1	The bid security shall be in any of the following forms and amounts: - Notarized Bid Securing Declaration using the form prescribed in the Bidding Documents. - Not less than 2% of the ABC or PhP 440,000.00, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit. Bidders who opt to submit a bid security in the form of cash and/or cashier's/manager's check shall deposit the said bid security to the GSIS Cashier, in coordination with the GBAC Secretariat, prior to the submission of bids. The Official Receipt issued by the GSIS Cashier shall be submitted as part of the Technical Component. If a bank draft/guarantee or an irrevocable letter of credit issued by a foreign bank will be submitted, it shall be confirmed or authenticated by a Universal or Commercial Bank. - Not less than 5% of the ABC or Php1,100,000.00, if bid security is in Surety Bond. It shall be accompanied by a certification from the Insurance Commission stating that the surety or insurance company is authorized to issue such instruments.
16	Bidders are required to submit one (1) original copy and three (3) triplicate copies (COPY 1, COPY 2 and COPY 3) of the eligibility & technical documents described in Section II. Instructions to Bidders (ITB) Clause 10 marked "TECHNICAL COMPONENT", and their financial documents described in ITB Clause 11 in another sealed envelope marked "FINANCIAL COMPONENT", sealing them all in an outer envelope marked "BID". All pages of the original and duplicate copies must be properly signed (wet signature) by the bidder's authorized representative. Further, all envelopes shall: - contain the name of the contract to be bid in capital letter; - bear the name and address of the Bidder in capital letters; - be addressed to the Procuring Entity's BAC in accordance with Section I. Invitation to Bid Clause 9; - bear the specific identification of the Project indicated in ITB Clause 1; and - bear a warning "DO NOT OPEN BEFORE..." the date and time for the opening of bids, in accordance with the aforementioned date and time. Please be reminded that pursuant to Section 25.9 of the 2016 Revised IRR of R.A No. 9184, unsealed or unmarked bid envelopes shall be rejected. However, bid envelopes that are not properly sealed and marked, as required in the Bidding Documents, shall be accepted, provided that the bidder or its duly authorized representative shall acknowledge such condition of the bid as submitted. The BAC shall assume no responsibility for the misplacement of the contents of the improperly sealed or marked bid, or for its premature opening.
19.1	The bid amount shall be evaluated based on the unit cost reflected in the Bill of Quantities. The Detailed Cost Estimate shall contain the detailed computation of the unit costs used in the Bill of Quantities. In case of discrepancies, the unit cost

	in the Bill of Quantities shall be prevail, in accordance with Section 32.2.3 of the 2016 Revised IRR of RA 9184. The amended/corrected Detailed Cost Estimate will be submitted during contract implementation, if warranted
19.2	Partial bid is not allowed
19.3	The computation of a prospective bidder's NFCC must be at least equal to the ABC to be bid, pursuant to Section 23.4.2.6 of the 2016 Revised IRR of RA No. 9184.
20	<i>[List licenses and permits relevant to the Project and the corresponding law requiring it, e.g. Environmental Compliance Certificate, Certification that the project site is not within a geohazard zone, etc.]</i>
20.1	Refer to Section VIII. Checklist of Post-Qualification Documents/ Requirements.
21	Additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity, such as construction schedule and S-curve, manpower schedule, construction methods, equipment utilization schedule, construction safety and health program approved by the DOLE, and other acceptable tools of project scheduling. Copy of the Bidding Documents, including bid bulletins (if any), obtained from GSIS and signed on every page by the winning bidder's authorized representative.

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.

2. Sectional Completion of Works

If sectional completion is specified in the **Special Conditions of Contract (SCC)**, references in the Conditions of Contract to the Works, the Completion Date, and the Intended Completion Date shall apply to any Section of the Works (other than references to the Completion Date and Intended Completion Date for the whole of the Works).

3. Possession of Site

3.1 The Procuring Entity shall give possession of all or parts of the Site to the Contractor based on the schedule of delivery indicated in the **SCC**, which corresponds to the execution of the Works. If the Contractor suffers delay or incurs cost from failure on the part of the Procuring Entity to give possession in accordance with the terms of this clause, the Procuring Entity's Representative shall give the Contractor a Contract Time Extension and certify such sum as fair to cover the cost incurred, which sum shall be paid by Procuring Entity.

3.2 If possession of a portion is not given by the above date, the Procuring Entity will be deemed to have delayed the start of the relevant activities. The resulting adjustments in contract time to address such delay may be addressed through contract extension provided under Annex "E" of the 2016 revised IRR of RA No. 9184.

4. The Contractor's Obligations

The Contractor shall employ the key personnel named in the Schedule of Key Personnel indicating their designation, in accordance with **ITB** Clause 10.3 and specified in the **BDS**, to carry out the supervision of the Works.

The Procuring Entity will approve any proposed replacement of key personnel only if their relevant qualifications and abilities are equal to or better than those of the personnel listed in the Schedule.

5. Performance Security

- 5.1. Within ten (10) calendar days from receipt of the Notice of Award from the Procuring Entity but in no case later than 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.
- 5.2. The Contractor, by entering into the Contract with the Procuring Entity, acknowledges the right of the Procuring Entity to institute action pursuant to RA No. 3688 against any subcontractor be they an individual, firm, partnership, corporation, or association supplying the Contractor with labor, materials and/or equipment for the performance of this Contract.

6. Site Investigation Reports

The Contractor, in preparing the Bid, shall rely on any Site Investigation Reports referred to in the SCC supplemented by any information obtained by the Contractor.

7. Warranty

- 7.1. In case the Contractor fails to undertake the repair works under Section 62.2.2 of the 2016 revised IRR, the Procuring Entity shall forfeit its performance security, subject its property(ies) to attachment or garnishment proceedings, and perpetually disqualify it from participating in any public bidding. All payables of the GOP in his favor shall be offset to recover the costs.
- 7.2. The warranty against Structural Defects/Failures, except that occasioned-on force majeure, shall cover the period from the date of issuance of the Certificate of Final Acceptance by the Procuring Entity. Specific duration of the warranty is found in the SCC.

8. Liability of the Contractor

Subject to additional provisions, if any, set forth in the SCC, the Contractor's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

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

9. Termination for Other Causes

Contract termination shall be initiated in case it is determined *prima facie* by the Procuring Entity that the Contractor has engaged, before, or during the implementation of the contract, in unlawful deeds and behaviors relative to contract acquisition and implementation, such as, but not limited to corrupt, fraudulent, collusive, coercive, and obstructive practices as stated in **ITB** Clause 4.

10. Dayworks

Subject to the guidelines on Variation Order in Annex “E” of the 2016 revised IRR of RA No. 9184, and if applicable as indicated in the **SCC**, the Dayworks rates in the Contractor’s Bid shall be used for small additional amounts of work only when the Procuring Entity’s Representative has given written instructions in advance for additional work to be paid for in that way.

11. Program of Work

11.1. The Contractor shall submit to the Procuring Entity’s Representative for approval the said Program of Work showing the general methods, arrangements, order, and timing for all the activities in the Works. The submissions of the Program of Work are indicated in the **SCC**.

11.2. The Contractor shall submit to the Procuring Entity’s Representative for approval an updated Program of Work at intervals no longer than the period stated in the **SCC**. If the Contractor does not submit an updated Program of Work within this period, the Procuring Entity’s Representative may withhold the amount stated in the **SCC** from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Program of Work has been submitted.

12. Instructions, Inspections and Audits

The Contractor shall permit the GOP or the Procuring Entity to inspect the Contractor’s accounts and records relating to the performance of the Contractor and to have them audited by auditors of the GOP or the Procuring Entity, as may be required.

13. Advance Payment

The Procuring Entity shall, upon a written request of the Contractor which shall be submitted as a Contract document, make an advance payment to the Contractor in an amount not exceeding fifteen percent (15%) of the total contract price, to be made in lump sum, or at the most two installments according to a schedule specified in the **SCC**, subject to the requirements in Annex “E” of the 2016 revised IRR of RA No. 9184.

14. Progress Payments

The Contractor may submit a request for payment for Work accomplished. Such requests for payment shall be verified and certified by the Procuring Entity’s Representative/Project Engineer. Except as otherwise stipulated in the **SCC**, materials and equipment delivered on the site but not completely put in place shall not be included for payment.

15. Operating and Maintenance Manuals

- 15.1. If required, the Contractor will provide “as built” Drawings and/or operating and maintenance manuals as specified in the **SCC**.
- 15.2. If the Contractor does not provide the Drawings and/or manuals by the dates stated above, or they do not receive the Procuring Entity’s Representative’s approval, the Procuring Entity’s Representative may withhold the amount stated in the **SCC** from payments due to the Contractor.

Section V. Special Conditions of Contract

Special Conditions of Contract

GCC Clause	
2	<i>[If different dates are specified for completion of the Works by section, i.e. “sectional completion,” these dates should be listed here.]</i> Completion of the Works is 150 days after receipt of NTP.
4.1	<i>[Specify the schedule of delivery of the possession of the site to the Contractor, whether full or in part.]</i> The Procuring Entity shall give possession of all parts of the site to the Contractor beginning on the date effectivity of contract until the date of its termination and/or project completion
6	The site investigation reports are: Site inspection is required and must secure a certificate of inspection from the center to include in the bidding documents
7.2	<i>[In case of permanent structures, such as buildings of types 4 and 5 as classified under the National Building Code of the Philippines and other structures made of steel, iron, or concrete which comply with relevant structural codes (e.g., DPWH Standard Specifications), such as, but not limited to, steel/concrete bridges, flyovers, aircraft movement areas, ports, dams, tunnels, filtration and treatment plants, sewerage systems, power plants, transmission and communication towers, railway system, and other similar permanent structures:]</i> Fifteen (15) years.
10	No dayworks are applicable to the contract.
11.1	The Contractor shall submit the Program of Work to the Procuring Entity’s Representative within 15 days of delivery of the Notice of Award.
11.2	The amount to be withheld for late submission of an updated Program of Work is 0.001% of the contract price per day of delays
13	The amount of the advance payment is 15% of the total contract price and schedule of payment. The Procuring Entity shall, upon a written request of the Contractor which shall be submitted as a Contract document, make an advance payment to the Contractor in an amount not exceeding fifteen percent (15%) of the total contract price, to be made in lump sum. The advance payment shall be made only upon the submission to and acceptance by the procuring entity of an irrevocable standby letter of credit of equivalent value from a commercial bank, a bank guarantee or a surety bond callable upon demand, issued by a surety or insurance company duly licensed by the Insurance Commission and

	confirmed by the procuring entity. The advance payment shall be repaid by the contractor by deducting fifteen percent (15%) from his periodic progress payments a percentage equal to the percentage of the total contract price used for the advance payment. The contractor may reduce his standby letter of credit or guarantee instrument by the amounts refunded by the Monthly Certificates in the advance payment.
14	Payments to the CONTRACTOR will be made only for the actual accomplishment and/or material utilized, which may be subdivided into progress percentages of the total area of all the structure certified by the PhilSCA as performed by the CONTRACTOR in accordance with the plans, specifications and program of works/construction schedule.
15.1	The date by which operating and maintenance manuals are required is within 30 calendar days after project completion. The date by which “as built” drawings are required is within 15 calendar days after project completion.
15.2	The amount to be withheld for failing to produce “as built” drawings and/or operating and maintenance manuals by the date required is 5% of the Contract Amount.

Section VI. Specifications

SUPPLY DELIVERY AND INSTALLATION OF SOLAR PANELS FOR BUILDING A AND B

TERMS OF REFERENCE and TECHNICAL SPECIFICATIONS

I. Project Description

The project involves the design, supply, delivery, installation, testing, and commissioning of a 282.72kWp Grid-Tied Rooftop Solar PV System to be installed at the buildings of the Philippine State College of Aeronautics, Piccio Garden, Villamor, Pasay City. The system aims to enhance the institution's sustainability goals by utilizing renewable energy to reduce electricity costs and carbon footprint.

II. Scope of Work

1. Site Inspection and Assessment
 - Pre-installation survey and rooftop evaluation.
2. Procurement and Delivery
 - 456 units of 620Wp Bi-Facial Solar Modules.
 - 4 Grid-tied String Inverters (2 x 50kW, 2 x 75kW).
 - Electrical components, PV mounting accessories, Rapid Shutdown Devices, and other hardware.
3. Mechanical and Electrical Installation
 - Panel mounting using AL6005-T5 structures.
 - Installation of brackets, clamps, grounding, and cable containment.
 - Inverter and Export Power Manager mounting and wiring.
 - Full DC/AC wiring including conduits, cable trays, enclosures, and protection devices.
4. Grounding and Earthing System
 - Ground rods, clamps, busbars, and terminal lugs with complete earthing connections.
5. Testing and Commissioning
 - Insulation resistance testing, inverter functionality, grid sync verification.
6. Documentation and Turnover
 - As-built drawings, test reports, equipment manuals.
 - System turnover and demonstration to designated client representatives.
7. Warranty and Technical Support
 - Solar Panels: 12 years product / 30 years performance warranty.
 - Inverters & Rapid Shutdown Devices: 5 years.
 - Workmanship and post-installation support included.

III. System Specifications

- Total System Capacity: 282.72 kWp
- Modules: 456 pcs, 620Wp Bi-Facial, Dual-glass
- Inverters: 2 x 50kW and 2 x 75kW Grid-tied, 3-phase
- Performance Ratio: 80.4%
- Estimated Annual Energy Production: 357.3 MWh

IV. System Components

A. Solar Modules

- ☐ Type: Bi-Facial, Dual-glass PV Modules
- ☐ Rated Power: 620Wp
- ☐ Dimensions: approximately 2382 x 1134 x 30 mm
- ☐ Electrical Characteristics:
 - Open Circuit Voltage (Voc): ~ 49.08V
 - Short Circuit Current (Isc): ~16.08A
- ☐ The module manufacturer must be ranked among the Top 5 Global Solar PV Module Suppliers based on recognized international industry rankings.

B. Inverters

- ☐ Type: String, Grid-tied, 3-phase, 230V AC Output
- ☐ Rated Capacity:
 - 2 units x 50kW
 - 2 units x 75kW
- ☐ Inverter Specifications:
 - High efficiency, minimum 98%
 - String-level monitoring capability
- ☐ The inverter manufacturer must be ranked among the Top 5 Global Inverter Suppliers based on recognized international industry rankings.

C. Rapid Shutdown Devices

- String-level, temperature activated
- Voltage: 300–1500V DC
- Current: Max 50A

D. Accessories & Mountings

- Export Power Manager, CT Clamps
- Aluminum railings, L-foot brackets, clamps
- SUS 304 cable clips, bolts, screws

E. Electrical and Cabling

- DC cables: 4mm²
- AC cables: 60mm² and 100mm²
- Circuit Breakers: DC MCBs (20A, 4P), AC MCCBs (150A, 225A)
- Distribution boxes, metal enclosures

F. Grounding System

- Rods, clamps, busbars, terminal lugs

V. Construction Requirements

- Compliance with the Philippine Electrical Code, Building Code, and Local Government Permits
- Coordination with campus engineering for access, safety, and approvals
- Adherence to Construction Occupational Safety and Health (COSH) standards
- The winning contractor will shoulder the utilities like electricity and water consumption.

VI. Deliverables

Design Documents

- System Layouts and Single-Line Diagrams (SLDs); Solar production model.

The Solar Production Model must be generated from a registered solar PV simulation software application. The report shall include, but is not limited to, the following information:

1. System Capacity and Energy Yield
 - Total DC System Nameplate Capacity (kWp)
 - Total Inverter AC Capacity (kW)
 - Estimated Annual Energy Production (MWh)
 - Specific Yield (kWh/kWp/year)
2. Performance Metrics
 - System Performance Ratio (%)
 - Load Ratio
 - Annual Production Loss Analysis including:
 - Reflection Losses (%)
 - Soiling Losses (%)
 - Temperature Losses (%)
 - Mismatch Losses (%)
 - Wiring Losses (%)
 - Inverter Efficiency Losses (%)
 - AC System Losses (%)

3. Monthly Energy Production Breakdown
 - Expected monthly energy output from January to December (kWh per month)
4. Modeling Assumptions and Data Inputs
 - Weather Dataset Used
 - Irradiance Levels
 - Temperature Model Used
- Soiling Rates (%)
 - System Design Configuration (Tilt Angle, Azimuth Angle, Mounting Type)

Construction Documents

- Daily reports, inspection checklists, and test results
- Final as-built plans and completion certificates

Training and Turnover Materials

- User manuals
- Warranty certificates
- Operation and maintenance demonstration

VII. Personnel Qualifications, Certifications, and Equipment Requirements

The key personnel must meet the required minimum years of experience set below:

Key Personnel	General Experience	Relevant Experience
<i>Design Professionals:</i>		
Professional Electrical Engineer (1)	Holder of valid PRC license	Minimum of 12 years
Professional Electronics and Communication Engineer (1)	Holder of valid PRC license	Minimum of 10 years
Registered Civil Engineer (1)	Holder of valid PRC license; must be a member of Association of Structural Engineers of the Philippines (ASEP)	Minimum of 12 years
Registered Electrical Engineer (1)	Holder of valid PRC license	Minimum of 5 years
Registered Electronics and Communication Engineer (1)	Holder of valid PRC license	Minimum of 5 years
<i>Installation Personnel:</i>		

Registered Electrical Engineer (1)	Holder of valid PRC license	Minimum of 5 years
Registered Civil Engineer (1)	Holder of valid PRC license	Minimum of 5 years
Foreman (1)	Holder of valid National Certificate II	Minimum of 5 years
Electrician (3)	Holder of valid National Certificate II	Minimum of 5 years
Welder (3)	Holder of valid National Certificate II	Minimum of 3 years
Safety Officer (3)	(1) Holder of valid Safety Training Certification (COSH-SO-3) (2) Holder of valid Safety Training Certification (COSH-SO-2)	Minimum of 5 years Minimum of 1 year
Fire Safety Officer (1)	Holder of valid Fire Safety Training Certification	Minimum of 5 years
First Aider (1)	Holder of valid Philippine Red Cross Standard First Aid & Basic life Support and CPR Certification	Minimum of 1 year
Security Guard (2)	Holder of valid Certificate duly recognized by Philippine government	Minimum of 1 year
Solar Installer (5)		Minimum of 1 year
Electrical Helper (5)		Minimum of 1 year

The required accreditations/certifications include but are not limited to the following:

- PCAB License; Classification: Electrical Work; Category: B
- PHILGEPS Certificate of Registration; Membership: Platinum
- DOLE Certificate of Registration
- BIR Certificate of Registration
- BIR Tax Clearance Certificate
- DOE Certificate of Registration
- SEC or DTI Registration Certificate
- Mayor's / Business Permit or its equivalent document
- Audited Financial Statements for the past two (2) years

The minimum major equipment requirements are the following:

Description	Qty
Boom Truck Crane	1
Scaffolding	1
Welding Machine	3
Ladder	1
Power tools	1
Testing Equipment	1

Contractor's Relevant Experience

The contractor must demonstrate sufficient experience in the design, supply, and installation of solar photovoltaic (PV) systems. The minimum requirements are as follows:

- Must have been actively engaged in the solar PV industry for at least five (5) years.
- Must have completed at least two (2) solar PV projects with a capacity equal to or greater than 250 kWp within the last five (5) years.
- Projects must be grid-tied rooftop solar PV systems or similar installations.
- Proof of experience must be provided through project completion certificates, owner's certificates, or equivalent documentation

VIII. Duration and Timeline

- Total project duration: 90 calendar days upon issuance of Notice to Proceed
- Includes delivery, installation, and commissioning phases

IX. Budgetary Requirement

- Approved Budget for the Contract (ABC) is Php 22,000,000.00

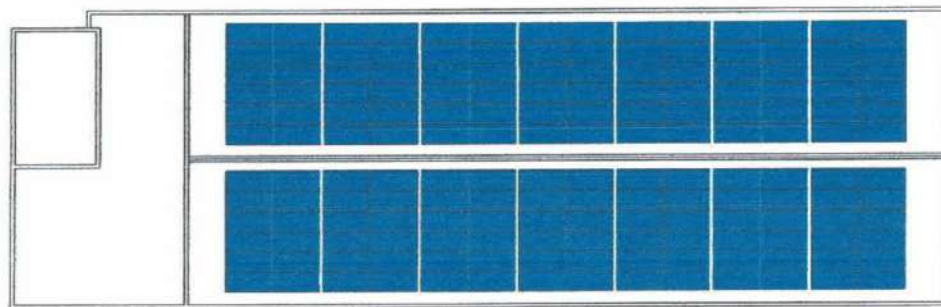
Prepared by:

ENGR. JEROME C. MIRANDA
Planning Officer/Personnel-In-Charge, IDP

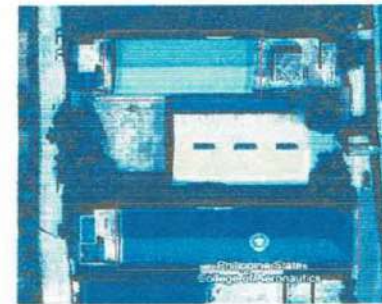
Approved:

Prof. MARWIN M. DELA CRUZ, PH. D.
Presidents

Section VII. Drawings

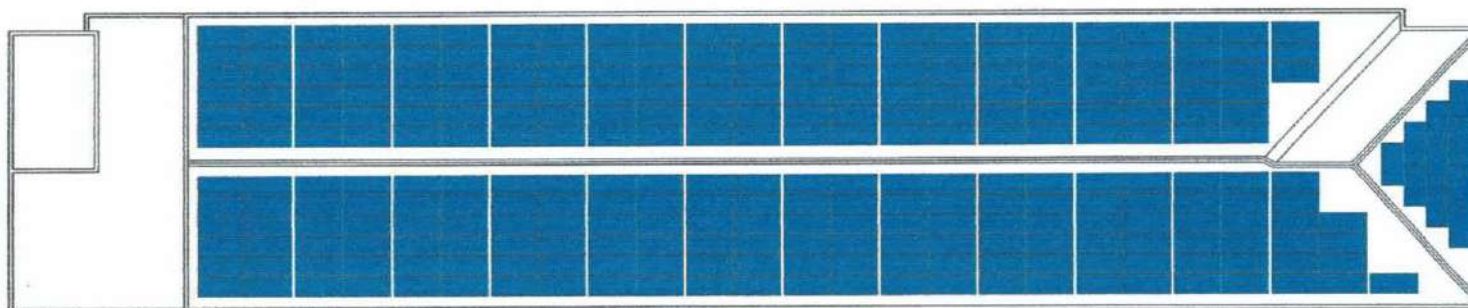


BUILDING A



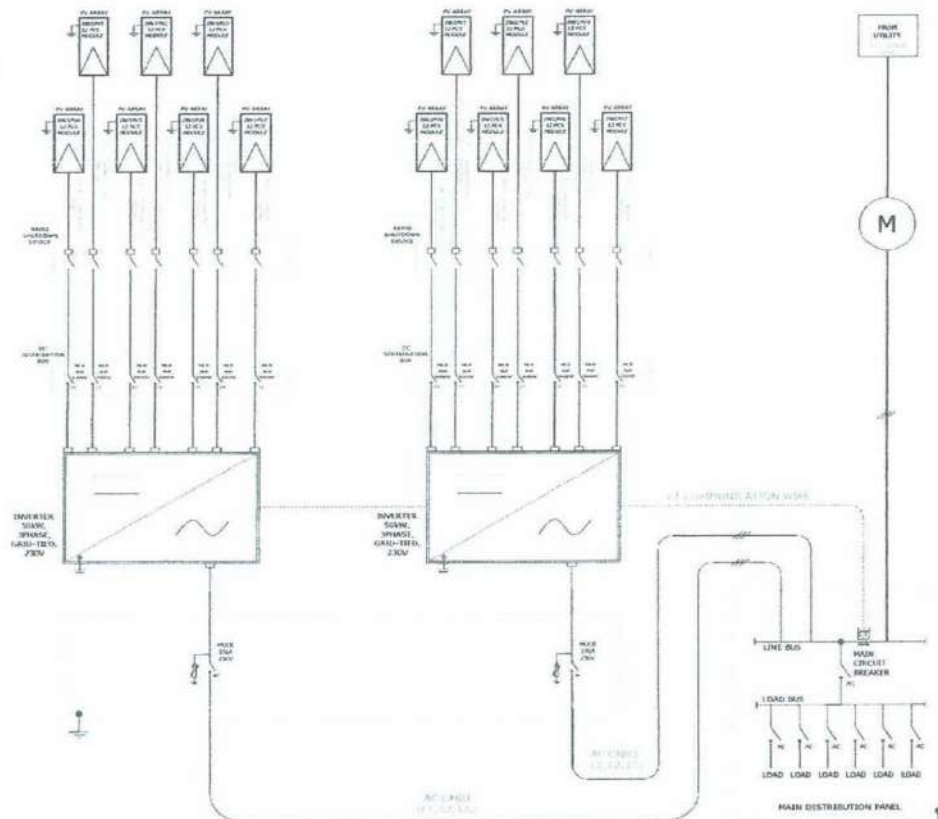
MODULE LOCATION

MODULE DETAILS		
BUILDING	QTY	CAPACITY
A	168	104,160W
B	288	178,560W
TOTAL	456	282,720W



MODULE LAYOUT

BUILDING B



SINGLE LINE DIAGRAM
"BUILDING A"

ELECTRICAL SCHEDULE

DC ELECTRICAL SCHEDULE						
INVERTER 1	PV CONNECTION	Volts = 48.00V	Sec = 18.00	Wp = 670	Sec SF = 1.25	BREAKER RATING
STRING 1	12V	588.96	18.00	7440	20.1	20A
STRING 2	12V	588.96	18.00	7440	20.1	20A
STRING 3	12V	588.96	18.00	7440	20.1	20A
STRING 4	12V	588.96	18.00	7440	20.1	20A
STRING 5	12V	588.96	18.00	7440	20.1	20A
STRING 6	12V	588.96	18.00	7440	20.1	20A
STRING 7	12V	588.96	18.00	7440	20.1	20A
TOTAL				52080		
COMPUTATION:						
DC CIRCUIT BREAKER = Sec = 18.00 x 1.25 = 22.5, use 20A DC MCB 1000V, 4P						
WIRE SIZE = USE 7 SECT-4mm ² PV CABLE, RATED 1.0 KV						
USE THIN / THIN 3.5mm ² CU WIRE FOR GROUNDING						
INVERTER 2	PV CONNECTION	Volts = 48.00V	Sec = 18.00	Wp = 670	Sec SF = 1.25	BREAKER RATING
STRING 1	12V	588.96	18.00	7440	20.1	20A
STRING 2	12V	588.96	18.00	7440	20.1	20A
STRING 3	12V	588.96	18.00	7440	20.1	20A
STRING 4	12V	588.96	18.00	7440	20.1	20A
STRING 5	12V	588.96	18.00	7440	20.1	20A
STRING 6	12V	588.96	18.00	7440	20.1	20A
STRING 7	12V	588.96	18.00	7440	20.1	20A
TOTAL				52080		
COMPUTATION:						
DC CIRCUIT BREAKER = Sec = 18.00 x 1.25 = 22.5, use 20A DC MCB 1000V, 4P						
WIRE SIZE = USE 7 SECT-4mm ² PV CABLE, RATED 1.0 KV						
USE THIN / THIN 3.5mm ² CU WIRE FOR GROUNDING						

LEGEND



AC ELECTRICAL SCHEDULE						
INVERTER 1	VOLTS	WATTS	IL	SF (1.25)	POLE	BREAKER RATING
500W	230	5000	125.51	156.89	3	150AT
COMPUTATION:						
AC CIRCUIT BREAKER = IL x 1.25 = 125.51 x 1.25 = 156.89, USE 150AT, 3P MCB						
USE 3 x THIN / THIN 6mm ² CU WIRE, L1, L2, L3						
USE THIN / THIN 3.5mm ² CU WIRE FOR GROUNDING						
INVERTER 2	VOLTS	WATTS	IL	SF (1.25)	POLE	BREAKER RATING
500W	230	5000	125.51	156.89	3	150AT
COMPUTATION:						
AC CIRCUIT BREAKER = IL x 1.25 = 125.51 x 1.25 = 156.89, USE 150AT, 3P MCB						
USE 3 x THIN / THIN 6mm ² CU WIRE, L1, L2, L3						
USE THIN / THIN 3.5mm ² CU WIRE FOR GROUNDING						

ELECTRICAL NOTES

1. ALL ELECTRICAL WORKS INDICATED SHALL BE DONE IN ACCORDANCE WITH THE LATEST PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINES ELECTRICAL CODE, RULES AND REGULATIONS.
2. ALL MATERIALS TO BE USED SHALL BE NEW AND APPROVED TYPE FOR ALL LOCATION AND PURPOSES.
3. ALL INSTALLATION SHALL BE DONE IN GOOD AND NEAT WORKMANSHIP.
4. ALL ELECTRICAL WORKS SHALL BE DONE UNDER THE DIRECT SUPERVISION OF REGISTERED ELECTRICAL ENGINEER / REGISTERED MASTER ELECTRICIAN.

PHILIPPINE STATE COLLEGE
OF AERONAUTICS

Professional Electrical Engineer
DATE: _____

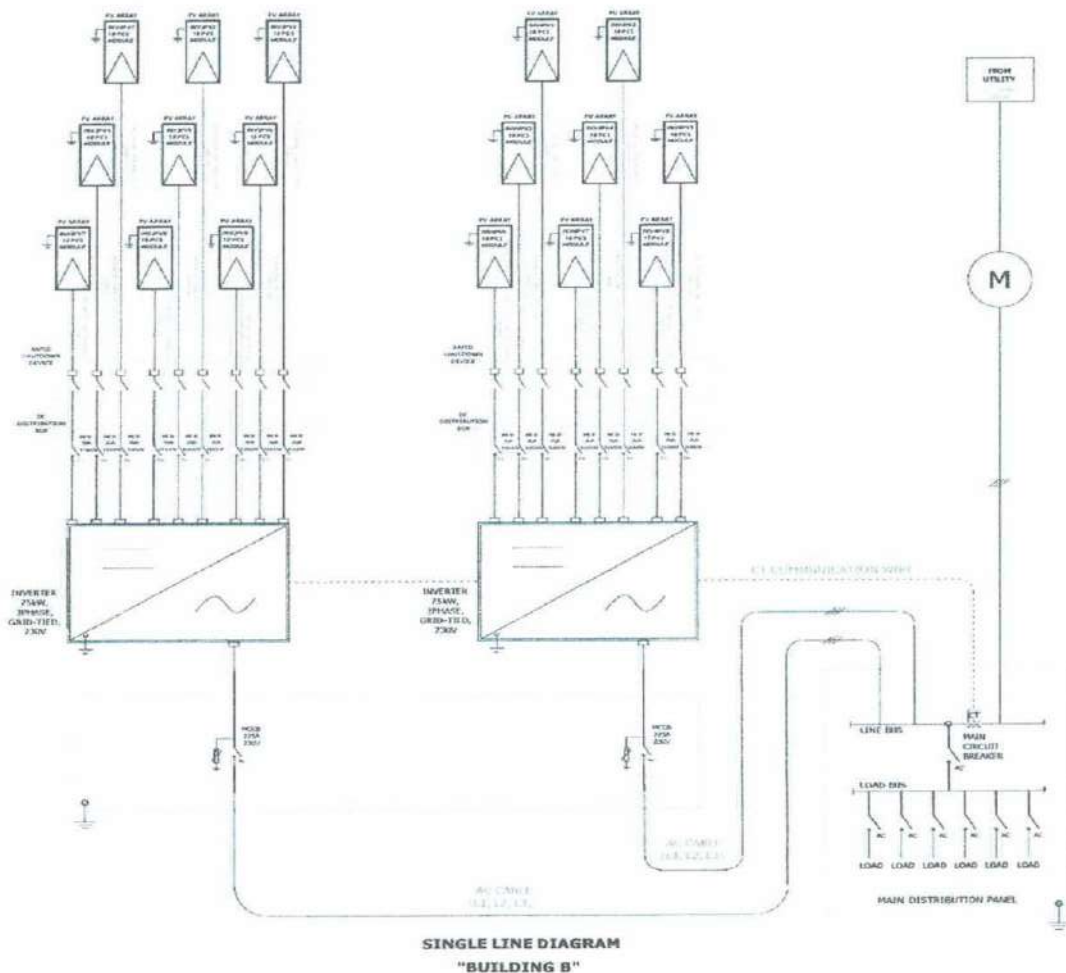
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Checked By: _____
Approved By: _____
Date: _____

Project Title:
INSTALLATION OF SOLAR PANELS FOR
BUILDING A AND B

Project Owner:
PHILIPPINE STATE COLLEGE OF AERONAUTICS
Project Location:
REC'D GARDEN VILLAGE AIRBASE, PASAY CITY

Sheet Content:
SINGLE LINE DIAGRAM

Sheet No.:
2/3



ELECTRICAL SCHEDULE

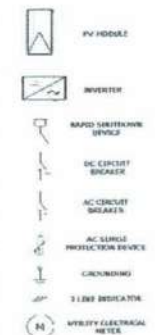
DC ELECTRICAL SCHEDULE					
INVERTER 3	PV CONNECTION	Voc = 49.08	Isc = 34.86	Wp = 620	DC SF = 1.25
STRING 1	185	883.44	16.08	11160	20.1
STRING 2	185	883.44	16.08	11160	20.1
STRING 3	185	883.44	16.08	11160	20.1
STRING 4	185	883.44	16.08	11160	20.1
STRING 5	185	883.44	16.08	11160	20.1
STRING 6	185	883.44	16.08	11160	20.1
STRING 7	125	583.96	16.08	7440	20.1
STRING 8	125	583.96	16.08	7440	20.1
STRING 9	125	583.96	16.08	7440	20.1
STRING 10	125	583.96	16.08	7440	20.1
TOTAL				87960	
COMPUTATION:					
DC CIRCUIT BREAKER = $I_{sc} \times 1.25 = 34.86 \times 1.25 = 43.58$ A USE 50A DC MCB 1000V, 4P					
WIRE SIZE = USE 3 SE 19.4mm ² PV CABLE, RATED 1.0 KV					
USE 10mm ² / THWN 3.5mm ² CU WIRE FOR GROUNDING					
INVERTER 4	PV CONNECTION	Voc = 49.08	Isc = 34.86	Wp = 620	DC SF = 1.25
STRING 1	185	883.44	16.08	11160	20.1
STRING 2	185	883.44	16.08	11160	20.1
STRING 3	185	883.44	16.08	11160	20.1
STRING 4	185	883.44	16.08	11160	20.1
STRING 5	185	883.44	16.08	11160	20.1
STRING 6	185	883.44	16.08	11160	20.1
STRING 7	125	583.96	16.08	7440	20.1
STRING 8	125	583.96	16.08	7440	20.1
STRING 9	125	583.96	16.08	7440	20.1
STRING 10	125	583.96	16.08	7440	20.1
TOTAL				87960	
COMPUTATION:					
DC CIRCUIT BREAKER = $I_{sc} \times 1.25 = 34.86 \times 1.25 = 43.58$ A USE 50A DC MCB 1000V, 4P					
WIRE SIZE = USE 3 SE 19.4mm ² PV CABLE, RATED 1.0 KV					
USE 10mm ² / THWN 3.5mm ² CU WIRE FOR GROUNDING					

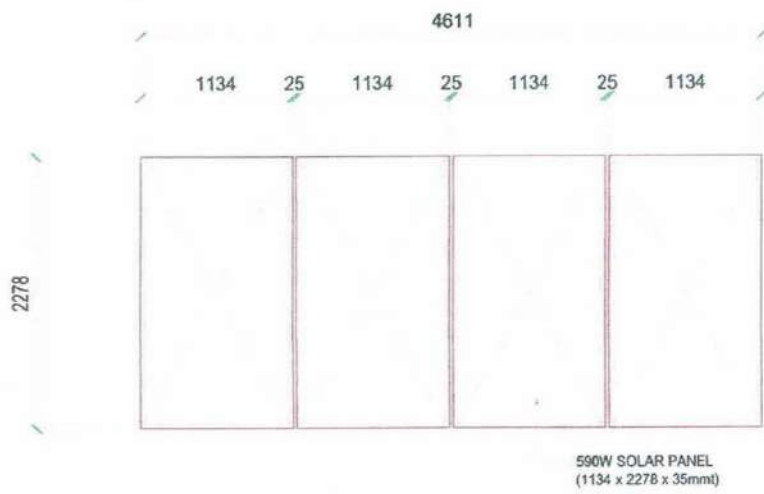
AC ELECTRICAL SCHEDULE					
INVERTER 3	VOLTS	WATTS	IL	SF (1.25)	POLE
75kW	230	75000	188.27	235.33	3
COMPUTATION:					
AC CIRCUIT BREAKER = $I_L \times 1.25 = 188.27 \times 1.25 = 235.34$ A USE 225AT, 3P MCB					
USE 3 X THWN / THWN 100mm ² CU WIRE, L1, L2, L3					
USE 10mm ² / THWN 14mm ² CU WIRE FOR GROUNDING					
INVERTER 4	VOLTS	WATTS	IL	SF (1.25)	POLE
75kW	230	75000	188.27	235.33	3
COMPUTATION:					
AC CIRCUIT BREAKER = $I_L \times 1.25 = 188.27 \times 1.25 = 235.34$ A USE 225AT, 3P MCB					
USE 3 X THWN / THWN 100mm ² CU WIRE, L1, L2, L3					
USE 10mm ² / THWN 14mm ² CU WIRE FOR GROUNDING					

ELECTRICAL NOTES

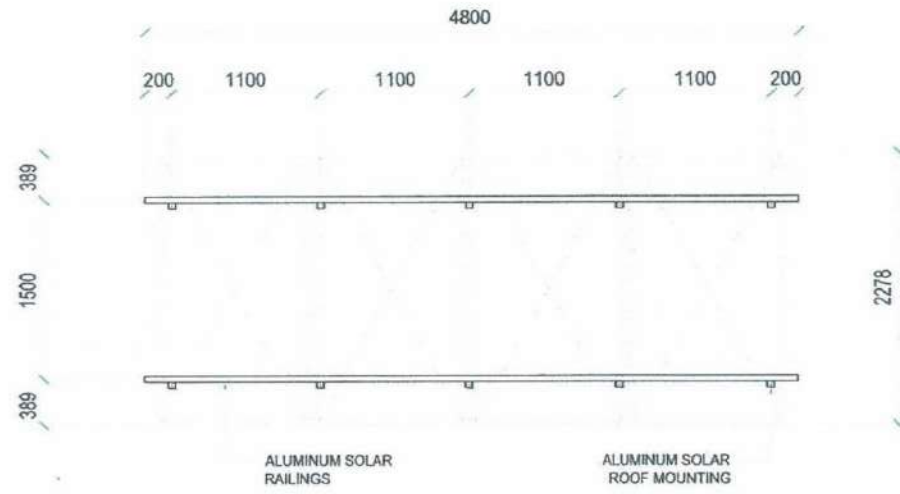
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- ALL ELECTRICAL WORKS SHALL BE DONE UNDER THE DIRECT SUPERVISION OF REGISTERED ELECTRICAL ENGINEER / REGISTERED MASTER ELECTRICIAN.

LEGEND





TYP. SOLAR PANEL LAYOUT
SCALE NTS



TYP. SOLAR PANEL RAILING LAYOUT
SCALE NTS

NOTE:
1.) ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE NOTED.

PHILIPPINE STATE COLLEGE
OF AERONAUTICS

Professional Electrical Engineer

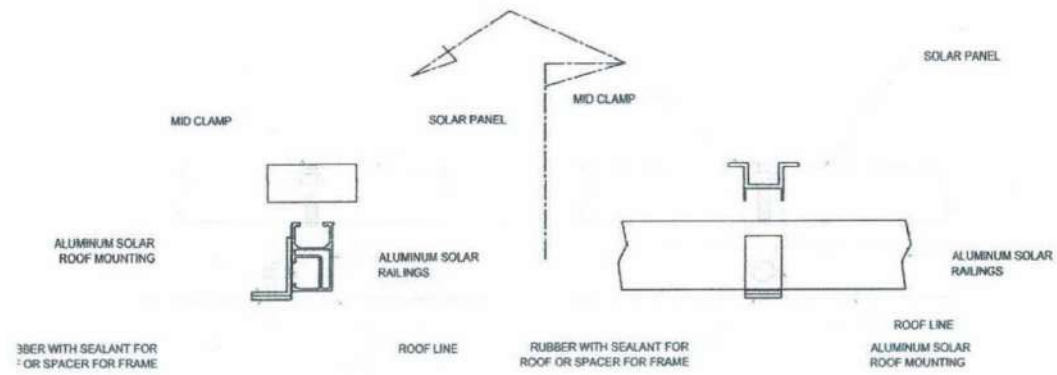
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Checked By:
Approved By:

Project Title:
INSTALLATION OF SOLAR PANELS FOR
BUILDING A AND B

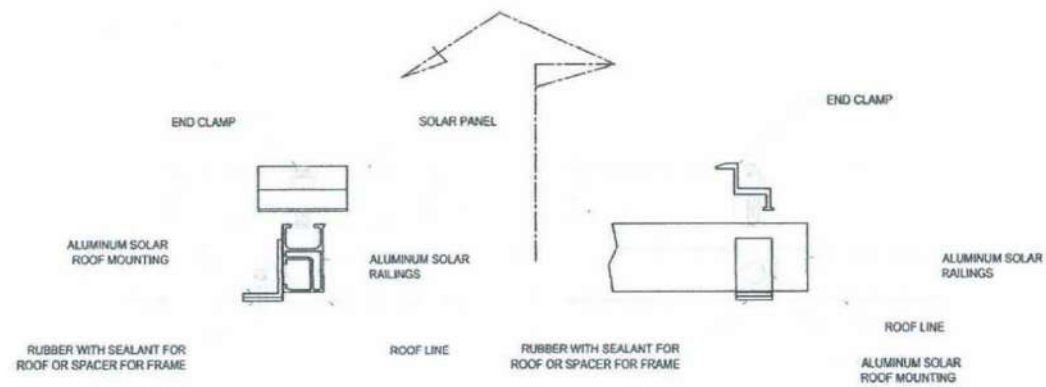
Project Owner:
PHILIPPINE STATE COLLEGE OF AERONAUTICS
Project Location:
PCICD GARDEN VILLAMOR AIRBASE, PASAY CITY

Sheet Contents:
TYP. SOLAR PANEL LAYOUT
TYP. SOLAR PANEL RAILING LAYOUT

Sheet No.:
EE-02



TYP. MOUNTING DETAIL "1"
SCALE NTS



TYP. MOUNTING DETAIL "2"
SCALE NTS

NOTE:
1.) ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE NOTED.

PHILIPPINE STATE COLLEGE
OF AERONAUTICS

Professional Electrical Engineer
PC-A

Drawn By:
Checked By:
Approved By:

Project Title:
INSTALLATION OF SOLAR PANELS FOR
BUILDING A AND B

Project Owner:
PHILIPPINE STATE COLLEGE OF AERONAUTICS
Project Location:
PETER GARDEN VILLAMOR AIRBASE, PASAY CITY

Sheet Contents:
TYP. SOLAR MOUNTING DETAIL "1"
TYP. SOLAR MOUNTING DETAIL "2"

Sheet No.:
EE-02

Section VIII. Bill of Quantities

Name and Description	Unit	Qty	Unit Cost	Amount
MATERIALS				
a. Solar Panel 620Wp, Bifacial Maximum power voltage = 40.74V Maximum power current = 15.22A Open circuit voltage = 49.08V Open circuit voltage = 16.08A Dimension = 2382x1134x30mm 12 years product warranty 30 years performance linear warranty	pcs	484		
b. Inverter Grid-tied, String Inverter, 50 kW, 3phase Maximum output power = 50kW Maximum output current = 144.3A Grid-ties, String Inverter = 75 kW, 3phase Maximum output power = 75kW Maximum output current = 196.8A Dimension = 1183x585x363mm 5 years product warranty	pcs pcs	2 2		
c. Accessories Export Power Manager CT Clamp, 1000/5A	Pcs pcs	2 6		
d. PV mountings 52mm Rall; material – AL6005 – T5 Offset hole L-foot, T-bolt, Tex screw Splice kit, w/ M8X12 hex socket head bolt Mid clamp, adjustable (30-40mm) include spring & earthing clip End clamp, adjustable (27.5-35mm) w/ M8X25 hex socket head bolt Grounding clamp, w/ M8X20 hex socket head bolt Cable clip for holding 2 cables: material – SUS 304	Pcs Pcs Pcs Pcs Pcs Pcs Pcs	484 1452 700 500 400 150 100		
e. PV wires 4mm ² , Red 4mm ² , Black	m m	2500 2500		
f. AC wires 100mm ² , Red 100mm ² , Yellow 100mm ² , Blue 50mm ² , Red 50mm ² , Yellow 50mm ² , Blue	m m m m m m	50 50 50 50 50 50		

8.0mm ² , Green	m	50		
3.5mm ² , Green	m	600		
g. Circuit Breaker				
20A, 4P, DC, MCB	pcs	36		
150A, 3P, AC, MCCB	pcs	2		
250A, 3P, AC, MCCB	pcs	2		
h. Electrical enclosures				
Distribution box, 18ways	pcs	9		
Metal enclosure, 300x250x150mm	pcs	4		
i. Cable Containment				
Cable tray	lot	1		
Solid type				
Straight with cover				
Made from G.I, Sheet Ga. #18 for structure, connectors and cover Bare Finish				
Dimension: 50mm (D) x 75mm (W) x 2400mm (L)				
j. Consumables	lot	1		
LABOR	No. of Person	No. of Hours	Hourly Rate	Amount
a. Project Engineer	2			
b. Foreman	1			
c. Technician	3			
d. Welder	3			
e. Solar Installer	5			
f. Helper	5			
g. Safety Officer	3			
h. Fire Safety Officer	1			
i. First Aider	1			
j. Security Guard	2			
EQUIPMENT				
a. Boom Truck Crane	1			
b. Scaffolding	8			
c. Welding Machine	3			
d. Ladder	1			
e. Power Tools	8			
f. Testing Equipment	1			
Direct Cost:				
Overhead, Contingencies & Miscellaneous (OCM):				
Contractor's Profit:				
Value Added Tax (VAT):				
Total Tax:				

Section IX. 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 under the rules; **and**
- (d) Special PCAB License in case of Joint Ventures **and** registration for the type and cost of the contract to be bid; **and**
- (e) 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**
- (f) Project Requirements, which shall include the following:
 - a. Organizational chart for the contract to be bid;
 - b. List of contractor’s key personnel (*e.g.*, Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data;
 - c. List of contractor’s major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership or certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be; **and**
- (g) 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

- (h) The prospective bidder’s computation of Net Financial Contracting Capacity (NFCC).

Class “B” Documents

- (i) If applicable, duly signed joint venture agreement (JVA) in accordance with RA No. 4566 and its IRR in case the joint venture is already in existence **or** 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.

II. FINANCIAL COMPONENT ENVELOPE

- (j) Original of duly signed and accomplished Financial Bid Form; **and**

Other documentary requirements under RA No. 9184

- (k) Original of duly signed Bid Prices in the Bill of Quantities; **and**
- (l) Duly accomplished Detailed Estimates Form, including a summary sheet indicating the unit prices of construction materials, labor rates, and equipment rentals used in coming up with the Bid; **and**
- (m) Cash Flow by Quarter.

Statement of all Ongoing Government and Private Contracts
Including Contracts Awarded but not yet Started

[shall be submitted with the Bid]

Business Name: _____

Business Address: _____

Name of Client/Contact Person/Contact Number/Contact Email Address	Date of the Contract	Title of the Contract / Name of the Project	Kinds of Goods	Total Amount of Contract	Value of Outstanding Contract	Date of Delivery
<u>Government</u>						
<u>Private</u>						

Submitted by : _____

(Printed Name and Signature)

Designation : _____

Date : _____

Instructions:

- i. State **ALL** ongoing contracts including those awarded but not yet started (government and private contracts which may be **similar or not similar** to the project being bidded) up to **June 16, 2025**.
- ii. If there is no ongoing contract including those awarded but not yet started as of the aforementioned period, state none or equivalent term.
- iii. The total amount of the ongoing and awarded but not yet started contracts should be consistent with those used in the Net Financial Contracting Capacity (NFCC).

Statement of Single Largest Completed Contract which is

Similar in Nature

[shall be submitted with the Bid]

Business Name: _____

Business Address: _____

Name of Client/Contact Person/Contact Number/Contact Email Address	Date of the Contract	Title of the Contract / Name of the Project	Kinds of Goods	Amount of Contract	Date of Acceptance*	End User's Acceptance or Official Receipt(s) Issued for the Contract

Submitted by : _____
(Printed Name and Signature)

Designation : _____

Date : _____

Instructions:

- a. Pursuant to Section 23.4.2.4 of the 2016 Revised IRR of RA No. 9184, the Bidder shall have an SLCC that is similar to the Project, and whose value, adjusted to current prices using the PSA's CPI, must be at least fifty percent (50%) of the ABC to be bid: Provided, however, that contractors under Small A and Small B categories without similar experience on the contract to be bid may be allowed to bid if the cost of such contract is not more than the Allowable Range of Contract Cost (ARCC) of their registration based on the guidelines as prescribed by the PCAB.
- b. The SLCC should have been completed (i.e., accepted) **Five (5) years prior to the date of submission of bid**
- c. The similar contract for this Project shall refer to the painting/repainting of walls/buildings. If the painting/repainting of walls/buildings forms part of a bigger contract, only the cost component of the painting/repainting of walls/buildings shall be considered for purposes of comparing the value thereof to at least fifty percent (50%) of the ABC.

* Date of Acceptance shall mean the date when the items delivered have **satisfactorily met** the requirements of the procuring entity, as evidenced by either a Certificate of Final Acceptance/Completion from the bidder's client, or an Official Receipt or a Sales Invoice (to be submitted during post-qualification).

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.

1. BID SECURING DECLARATION

Project Identification No.: PB2025 – Infra – 9

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]

Omnibus Sworn Statement

[shall be submitted with the Bid]

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

(a) 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]

Bid Form for the Procurement of Infrastructure Projects

[shall be submitted with the Bid]

BID FORM

Date : _____

Project Identification No. : **PB2025 – INFRA - 9**

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, declare that:

- a. We have no reservation to the PBDs, including the Supplemental or Bid Bulletins, for the Procurement Project: ***Supply, Delivery and Installation of Solar Panels for Building A and B***
- b. We offer to execute the Works for this Contract in accordance with the PBDs;
- c. The total price of our Bid in words and figures, excluding any discounts offered below is: [insert information];
- d. The discounts offered and the methodology for their application are: [insert information];
- e. 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 and reflected in the detailed estimates,
- f. Our Bid shall be valid within the period stated in the PBDs, and it shall remain binding upon us at any time before the expiration of that period;
- g. If our Bid is accepted, we commit to obtain a Performance Security in the any of following amount of the Contract Price for the due performance of the Contract:

Form of Performance Security	Amount of Performance Security (Not less than the required percentage of the Total Contract Price)
a. Cash or cashier's/manager's check issued by a Universal or Commercial Bank.	Ten percent (10%)
b. Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: Provided, however, That it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank.	

Signature of Authorized Signatory: _____

c. Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security.	Thirty percent (30%)
d. Performance Securing Declaration in lieu of the allowable forms of Performance Security, subject to the terms and conditions of issued GPPB guidelines for this purpose	None

- h. We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;
- i. We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed; and
- j. We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.
- k. We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and 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 the ***Supply, Delivery and Installation of Solar Panels for Building A and B*** of the Philippine State College of Aeronautics.
- l. We acknowledge that failure to sign each and every page of this Bid Form, including the Bill of Quantities, 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: _____

QUALIFICATION OF KEY PERSONNEL PROPOSED TO BE ASSIGNED TO THE CONTRACT

Bidder’s Name: _____

Bidder’s Address: _____

Name								
Address								
Date of Birth								
Employed Since								
Experience								
(a) Total Experience (Years)	Required							
	Actual							
(b) Experience in Similar Project (Years)	Required							
	Actual							
Previous Employment								
Education								
PRC Registration & License/ Accreditation/ Certification (as required)								

Note: This form is applicable to all required List of Key Personnel for the Contract to be Bid.

Submitted by: _____
(Printed Name & Signature)

Designation: _____

Date: _____

LIST OF CONTRACTORS EQUIPMENT, OWNED OR LEASED AND/OR UNDER PURCHASE AGREEMENTS

Bidder’s Name: _____

Bidder’s Address: _____

Description	Model/Year	Capacity/ Performance Size	Plate No.	Motor No./ Body No.	Location	Condition	Proof of Ownership/ Lessor or Vendor
A. Owned							
i.							
ii.							
iii.							
iv.							
B. Leased							
i.							
ii.							
iii.							
iv.							
C. Under Purchase Agreements							
i.							
ii.							
iii.							
iv.							

List of minimum equipment required for the Project

Submitted by: _____
(Printed Name & Signature)

Designation: _____

Date: _____

Contract Agreement Form for the Procurement of Infrastructure Projects

[Not required to be submitted with the Bid, but it shall be submitted within ten (10) days after receiving the Notice of Award]

CONTRACT No. 2025-____
NAME OF PROJECT

This CONTRACT made and entered into by and between the following:

PHILIPPINE STATE COLLEGE OF AERONAUTICS, a government agency created by virtue of the laws of the Republic of the Philippines, with principal office address at Piccio Garden, Villamor, Pasay city represented herein by its **PRESIDENT**, _____, hereinafter called the “**PHILSCA**”;

- and -

_____, a sole proprietorship/partnership/corporation duly organized and existing under the laws of the Republic of the Philippines, with office address at _____, represented by its **AUTHORIZED REPRESENTATIVE**, _____, hereinafter referred to as the “**SUPPLIER**”;

Collectively, the “**PARTIES**”;

WITNESSETH:

WHEREAS, PhilSCA is desirous that the Contractor execute the Project, “_____” (hereinafter called “the Works”) and the PhilSCA has accepted the Bid for _____ (P____), by the Contractor for the execution and completion of such Works and the remedying of any defects therein;

WHEREAS, the Notice of Award was issued to the Contractor last _____, 2025, and the Contractor posted its performance security on _____, 2025;

NOW THIS CONTRACT WITNESSETH AS FOLLOWS:

1. In this Contract, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents shall be attached, deemed to form, and be read and construed as integral part of this Contract, to wit:
 - (a) General and Special Conditions of Contract;
 - (b) Drawings/Plans;
 - (c) Specifications;
 - (d) Invitation to Bid;
 - (e) Instructions to Bidders;
 - (f) Bid Data Sheet;

- (g) Addenda and/or Supplemental/Bid Bulletins, if any;
- (h) 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 DBM's bid evaluation;
- (i) Eligibility requirements, documents and/or statements;

- (j) Performance Security;
 - (k) Notice of Award of Contract and the Bidder's conforme thereto;
 - (l) Other contract documents that may be required by existing laws and/or the PhilSCA.
3. In consideration of the payments to be made by the PhilSCA to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the PhilSCA to execute and complete the Works and remedy any defects therein in conformity with the provisions of this Contract in all respects.
4. PhilSCA hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying of defects wherein, the Contract Price or such other sum as may become payable under the provisions of this Contract at the times and in the manner prescribed by this Contract.
5. The period for the performance of the obligations under this Contract shall not go beyond the validity of the appropriation for this Project.
6. In compliance with item 4.3 of Appendix 33 of the 2016 Revised IRR of RA No. 9184 and consistent with Administrative Order No. 34, s. 2020 (Directing Strict Compliance By All Agencies and Instrumentalities of the Executive Department with Transparency, Accountability and Good Governance Policies and Measures in the Procurement Process), the PhilSCA shall publish in its official website and social media platform the following post-award information:
- (a) Project name;
 - (b) Approved budget for the contract;
 - (c) Contract period;
 - (d) Name of the winning bidder and its official business address;
 - (e) Amount of contract awarded;
 - (f) Date of award and acceptance; and
 - (g) Implementing office/unit/division/bureau of the concerned agency or instrumentality.

IN WITNESS WHEREOF, the parties hereto have signed this Contract on this ____ day of _____, 2025 at Piccio Garden, Villamor, Pasay City.

**PHILIPPINE STATE COLLEGE
OF AERONAUTICS**

by:

by:

Secretary

Authorized and Designated Representative

ACKNOWLEDGMENT

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

BEFORE ME, a Notary Public for and in the City of _____, Philippines on this _____ day of _____, 2025 personally appeared the following:

NAME

VALID ID

VALID UNTIL

PhilSCA ID No. _

known to me to be the same persons who executed the foregoing Contract and who acknowledged to me that the same is their free and voluntary act and deed and of the entities they respectively represent.

This CONTRACT for the _____ was signed by the parties on each and every page thereof.

WITNESS MY HAND AND SEAL this _____ day of _____, 2025.

Doc. No _____;
Page No _____;
Book No _____;
Series of 2025.

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

X-----X

PERFORMANCE SECURING DECLARATION

Invitation to Bid: PB2025 – Infra - 9

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/manufacture/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 if in case it is my first offense, or two (2) years if I have a prior similar 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 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'S AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]

Affiant

SUBSCRIBED AND SWORN to before me this ____day of [month] [year] at [place of execution], Philippines.

[Select one of the two following paragraphs and delete the other]

Affiant/s is/are personally known to me and was/were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No.02-8-13-SC).

Affiant/s exhibited to me his/her *[insert type of government identification card used]* with no.

_____ issued on _____ at _____.

_____. Witness my hand and seal this

_____ day of [month] [year].

NAME OF NOTARY PUBLIC

Serial No. of Commission _

Notary Public for _____ until _

Roll of Attorneys No. _____

PTR No., [date issued], [place issued]

IBP No., [date issued], [place issued]

Doc. No.
Page No.
Book No.
Series of_.

