



Republic of the Philippines  
DEPARTMENT OF SCIENCE AND TECHNOLOGY  
Philippine Atmospheric, Geophysical and  
Astronomical Services Administration (PAGASA)



# **BIDS AND AWARDS COMMITTEE PHILIPPINE BIDDING DOCUMENTS FOR THE**

**INFRASTRUCTURE PROJECT  
ENTITLED**

**“Improvement/Rehabilitation of Baguio Radar  
Office Building, Quarters and Powerhouse  
-Negotiated Procurement Two Failed Biddings”**

**PR 2024-11-0762 EPA | IB 2025-17 INF NP**

**Approved Budget for the Contract: Php 4,999,597.78**

**Sixth Edition  
July 2020**

# 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 measurements (unit prices or unit rates in a bill of quantities) types of contract, which are the most common in Works contracting.

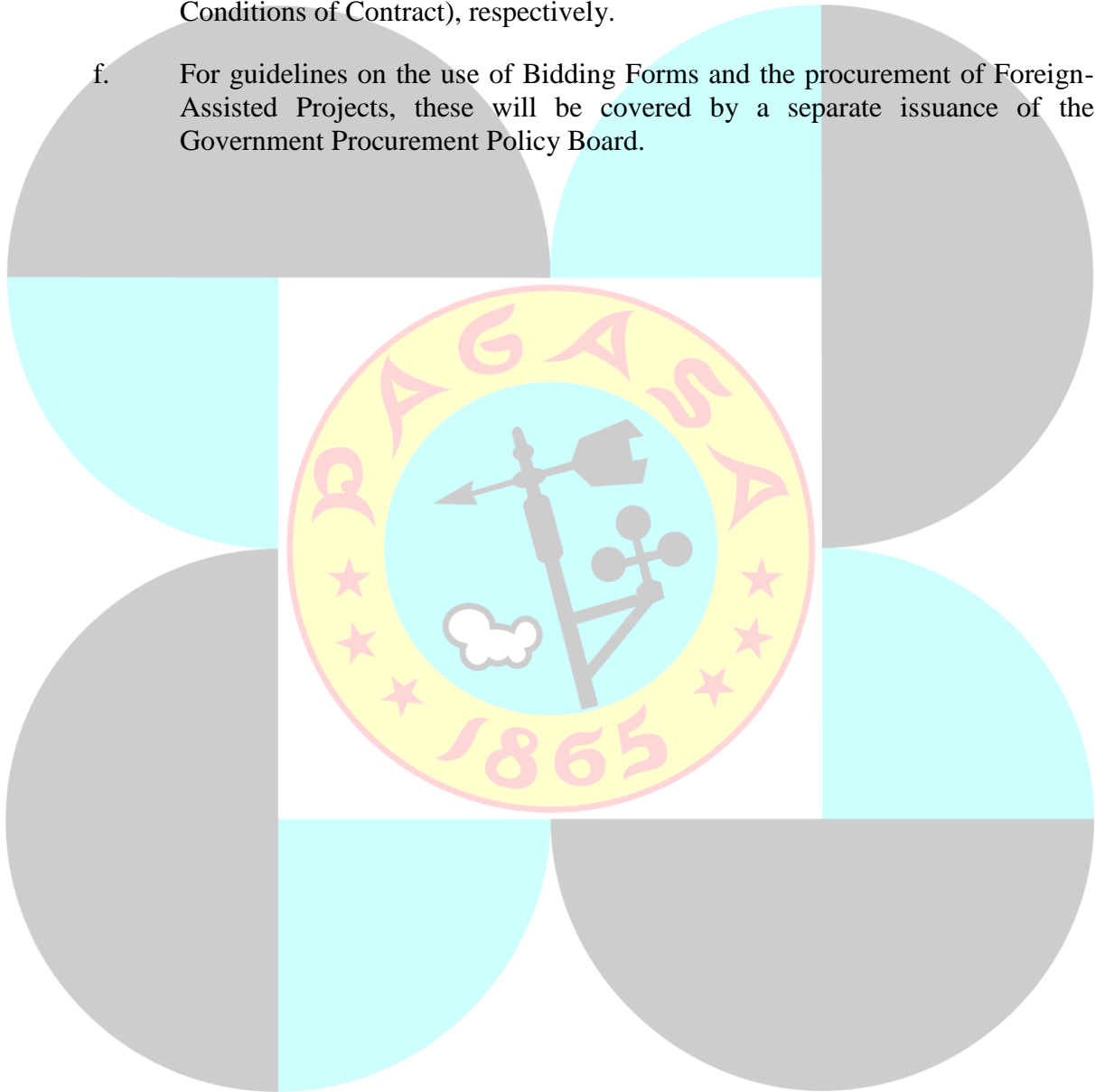
The Bidding Documents shall clearly and adequately define, among others: (i) the objectives, scope, and expected outputs and/or results of the proposed contract; (ii) the eligibility requirements of Bidders; (iii) the expected contract duration; and (iv) the obligations, duties, and/or functions of the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

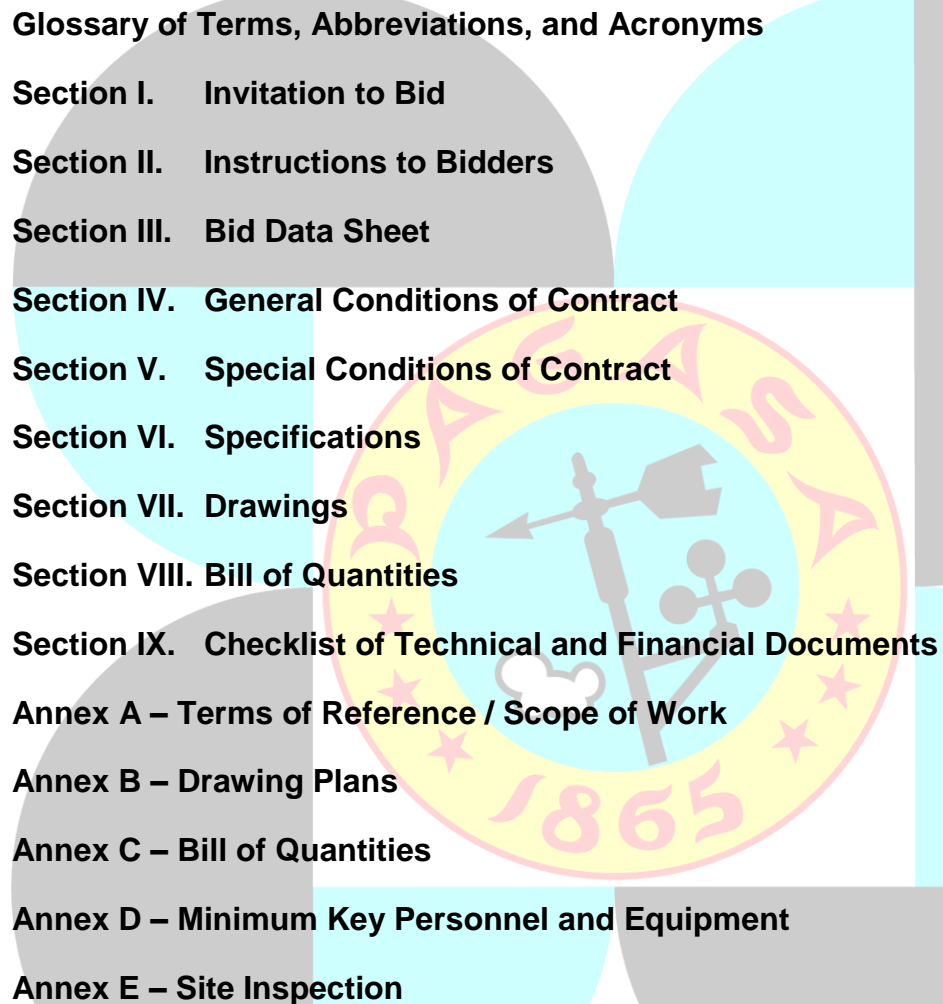
Moreover, each section is prepared with notes intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They shall not be included in the final documents. The following general directions should be observed when using the documents:

- 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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The background features a large circular seal in the center, which is divided into four quadrants by a white cross. The seal contains a central emblem of a pickaxe and a shovel crossed over a cloud, with the year '1865' at the bottom. Surrounding the emblem are the letters 'Q', 'A', 'S', 'A' in a circular arrangement. Overlaid on this seal are four large, overlapping circles in shades of gray and light blue, creating a decorative pattern behind the text.

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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***

### **Notes on the Invitation to Bid**

The Invitation to Bid (IB) provides information that enables potential Bidders to decide whether to participate in the procurement at hand. The IB shall be posted in accordance with Section 21.2 of the 2016 revised IRR of RA No. 9184.

Apart from the essential items listed in the Bidding Documents, the IB should also indicate the following:

- a. The date of availability of the Bidding Documents, which shall be from the time the IB is first advertised/posted until the deadline for the submission and receipt of bids;
- b. The place where the Bidding Documents may be acquired or the website where it may be downloaded;
- c. The deadline for the submission and receipt of bids; and
- d. Any important bid evaluation criteria.

The IB should be incorporated into the Bidding Documents. The information contained in the IB must conform to the Bidding Documents and in particular to the relevant information in the Bid Data Sheet.





## INVITATION TO BID

FOR

### IMPROVEMENT/REHABILITATION OF BAGUIO RADAR OFFICE BUILDING, OFFICE QUARTER AND POWERHOUSE – NP Two FAILED BIDDINGS

1. The **Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)**, through the **2025 General Appropriations Act (GAA)** intends to apply the sum of **Four Million Nine Hundred Ninety-Nine Thousand Five Hundred Ninety-Seven Pesos and 78/100 (Php4,999,597.78) only**, being the Approved Budget for the Contract (ABC) to payment under the contract for the **“Improvement/Rehabilitation of Baguio Radar Office Building, Office Quarter and Powerhouse – NP Two FB”**, PR 2024-11-0762 EPA / IB 2025-17 INF NP. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The **PAGASA** now invites bids for the above Procurement Project. Completion of the Works required is **one hundred eighty (180) calendar days** upon receipt of the 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 (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.
  - a. Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.
4. Interested bidders may obtain further information from **PAGASA-BAC Secretariat** and inspect the Bidding Documents at the address given below from **9:00 a.m. to 4:00 p.m.** It may also be downloaded at the PhilGEPS and PAGASA website free of charge.
5. A complete set of Bidding Documents may be acquired by interested bidders on **25 April 2025** from given address and website/s below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **Five Thousand pesos (Php5,000.00)**. The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person, by facsimile, or through electronic means. **Prospective Bidders are highly encouraged to pay the bid documents fee at least one (1) day before the deadline for submission and opening of bids.**
  - a. The **PAGASA** will hold a Pre-Bid Conference<sup>1</sup> on **06 May 2025 10:00 AM** at the **Amihan Conference Room, 2/F PAGASA Central Office<sup>2</sup>** and/or through Zoom video conferencing which shall be open to prospective bidders. **Maximum of two (2) representatives per bidder shall be allowed during the said conference.** Prospective bidders are encouraged to send **written requests for clarifications at least three (3) calendar days** before the scheduled pre-bid conference, addressed to the PBAC Chairperson, in order to facilitate the preparation of responses thereto, which will be discussed during the pre-bid conference.
6. Bids must be duly received by the BAC Secretariat through manual submission at the office address as indicated below on or before **27 May 2025 11:00 AM**. Late bids shall not be accepted.

<sup>1</sup> May be deleted in case the ABC is less than One Million Pesos (PhP1,000,000) where the Procuring Entity may not hold a pre-bid conference.

<sup>2</sup> Subject to Change



7. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 16.
8. Bid opening shall be on **27 May 2025 11:01 AM** at the given address below. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
9. The complete schedule of bidding activities is summarized as follows:

Activities	Schedule / Time	Venue
1. Posting of Invitation to Bid	28 April – 05 May 2025	N/A
2. Issuance of Bidding Documents	06 May 2025 (9:00 a.m.-4:00 p.m.) to 27 May 2025 (until 9:00 a.m. only) <b>except on weekends and holidays</b>	<b>Records Management Section (RMS)</b> 3/F PAGASA Central Office
3. Pre-Negotiation Conference	06 May 2025 11:00 AM	<b>Amihan Conference Room<sup>2</sup></b> 2/F PAGASA Central Office
4. Submission of Bid Documents (Envelopes 1&2)	27 May 2025 on or before 11:00 AM	<b>Amihan Conference Room<sup>2</sup></b> 2/F PAGASA Central Office
5. Opening of Bids (Envelopes 1&2)	27 May 2025 11:01 AM	<b>Amihan Conference Room<sup>2</sup></b> 2/F PAGASA Central Office

Note: *Bidders may attend the Pre-bid Conference through videoconferencing via Zoom Meeting App. Bidders who wish to attend/participate via Zoom Meeting must coordinate with the BAC Secretariat through email **at least one (1) day** before the scheduled bid activity and provide their contact information (name of company, name of representative, email address, contact number). Bidders are advised to send their authorized representatives who will prepare the bid documents to ensure completeness of bids. **Bidders are prohibited from recording** (audio, video or picture format) the proceedings of the Pre-bid Conference.*

10. The **PAGASA** 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 Implementing Rules and Regulations (IRR) of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
11. For further information, please refer to:

**MA. ANNALYN S. NOLASCO**  
 Head, BAC Secretariat  
 Records Management Section, 3/F PAGASA Main Building, Science Garden Complex,  
 Sen. Miriam Defensor-Santiago Ave., Brgy. Central, Quezon City  
**Trunkline:** (02) 8284-0800 loc.1357  
**Email address:** [pagasa.bac@gmail.com](mailto:pagasa.bac@gmail.com) / [bac@pagasa.dost.gov.ph](mailto:bac@pagasa.dost.gov.ph)

12. You may visit the Official website of PAGASA for downloading of the Bidding Documents at <https://bagong.pagasa.dost.gov.ph/index.php/news-and-events/bidding-and-shopping>

**Date of Issue:** 25 April 2025

**SHIRLEY J. DAVID**  
 Chairperson, PAGASA-BAC

<sup>2</sup> Subject to Change

## ***Section II. Instructions to Bidders***

### **Notes on the Instructions to Bidders**

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



## 1. Scope of Bid

The Procuring Entity, **Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)** invites Bids for the **Improvement/Rehabilitation of Baguio Radar Office Building, Quarters and Powerhouse – NP 2 FB** with Project Identification Number **PR 2024-11-0762 EPA | IB 2025-17 INF NP**.

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 **CY 2025** in the amount of **Four Million Nine Hundred Ninety-Nine Thousand Five Hundred Ninety-Seven Pesos and 78/100 (Php4,999,597.78) only**.

2.2. The source of funding is:

**The General Appropriations Act CY 2025.**

## 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 and/or through videoconferencing as indicated in **paragraph 6 and 10 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 **for One Hundred Twenty (120) calendar days from the date of the Opening of Bids**. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

## 16. Sealing and Marking of Bids

**Each Bidder shall submit one (1) original copy and two (2) photocopies of the first and second components of its Bid.**

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



\_\_\_\_\_  
(Indicate above if "Original"  
"Copy 1" or "Copy 2")

**TECHNICAL COMPONENT**

**BID FOR THE**

\_\_\_\_\_  
**IB No.** \_\_\_\_\_

Company Name (in capital letters)  
Company Address (in capital letter)

**SHIRLEY J. DAVID**

Chairperson

PAGASA BIDS AND AWARDS COMMITTEE

(PAGASA-BAC)

PAGASA Science Garden Complex, Senator Miriam Defensor Santiago Ave.,  
Brgy Central, Quezon City

DO NOT OPEN BEFORE \_\_\_\_\_  
(Indicate the Date and Time of Opening of Bids)

\_\_\_\_\_  
(Indicate above if "Original"  
"Copy 1" or "Copy 2")

**FINANCIAL COMPONENT**

**BID FOR THE**

\_\_\_\_\_  
**IB No.** \_\_\_\_\_

Company Name (in capital letters)  
Company Address (in capital letter)

**SHIRLEY J. DAVID**

Chairperson

PAGASA BIDS AND AWARDS COMMITTEE

(PAGASA-BAC)

PAGASA Science Garden Complex, Senator Miriam Defensor Santiago Ave.,  
Brgy Central, Quezon City

DO NOT OPEN BEFORE \_\_\_\_\_  
(Indicate the Date and Time of Opening of Bids)

## Notes:

1. Bid envelopes that are not properly sealed and marked, and documents not properly tabbed, 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.
2. Bids that fail to include any requirement or are incomplete or patently insufficient shall be considered as “failed”.

## 17. 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 and 10 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 and 10 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

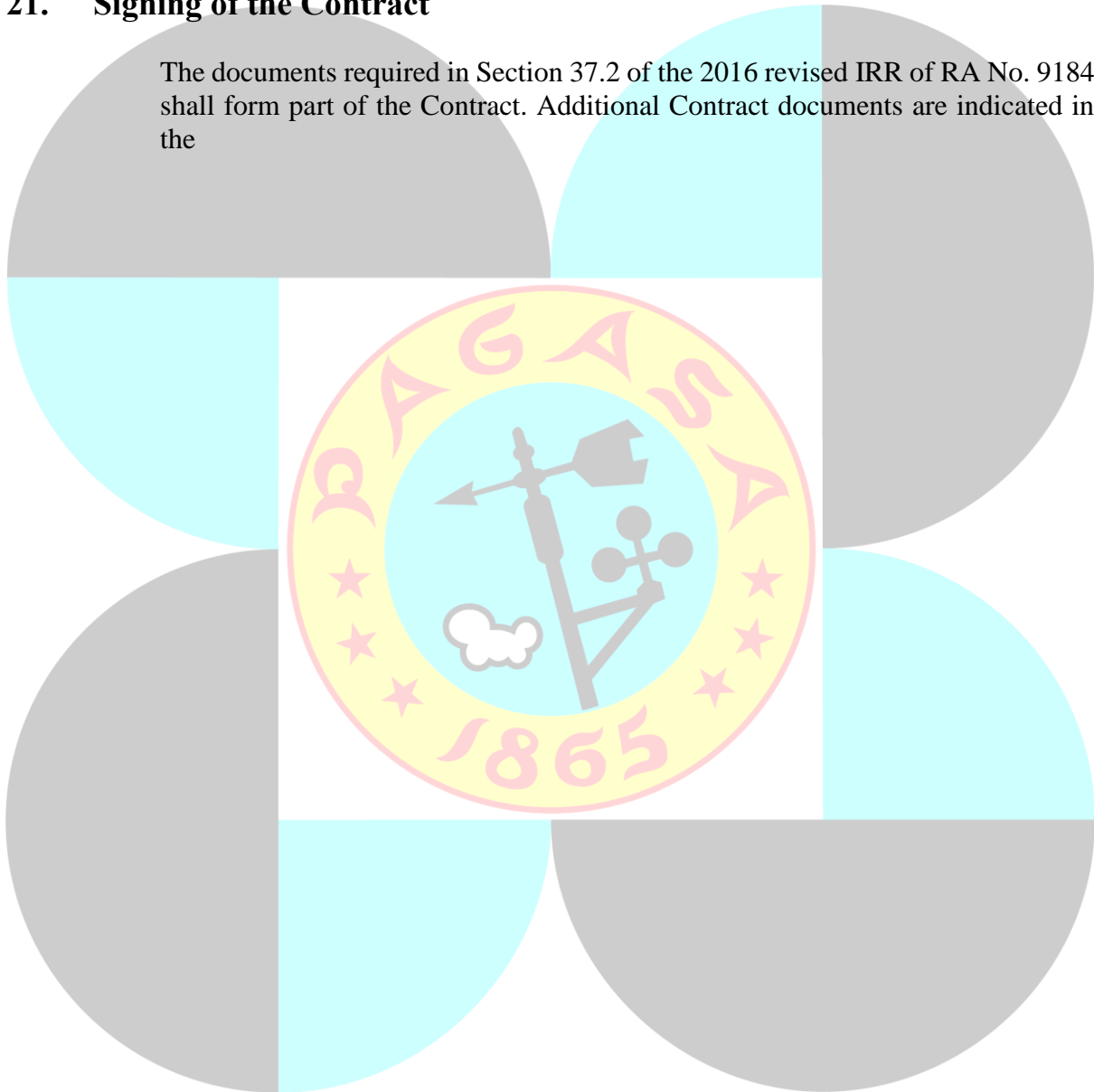
- 19.1. The Procuring Entity’s BAC shall immediately conduct a detailed evaluation of all Bids rated “*passed*” using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of 2016 revised IRR of RA No. 9184.
- 19.2. If the Project allows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



## ***Section III. Bid Data Sheet***

### **Notes on the Bid Data Sheet (BDS)**

The Bid Data Sheet (BDS) consists of provisions that supplement, amend, or specify in detail, information, or requirements included in the ITB found in Section II, which are specific to each procurement.

This Section is intended to assist the Procuring Entity in providing the specific information in relation to corresponding clauses in the ITB and has to be prepared for each specific procurement.

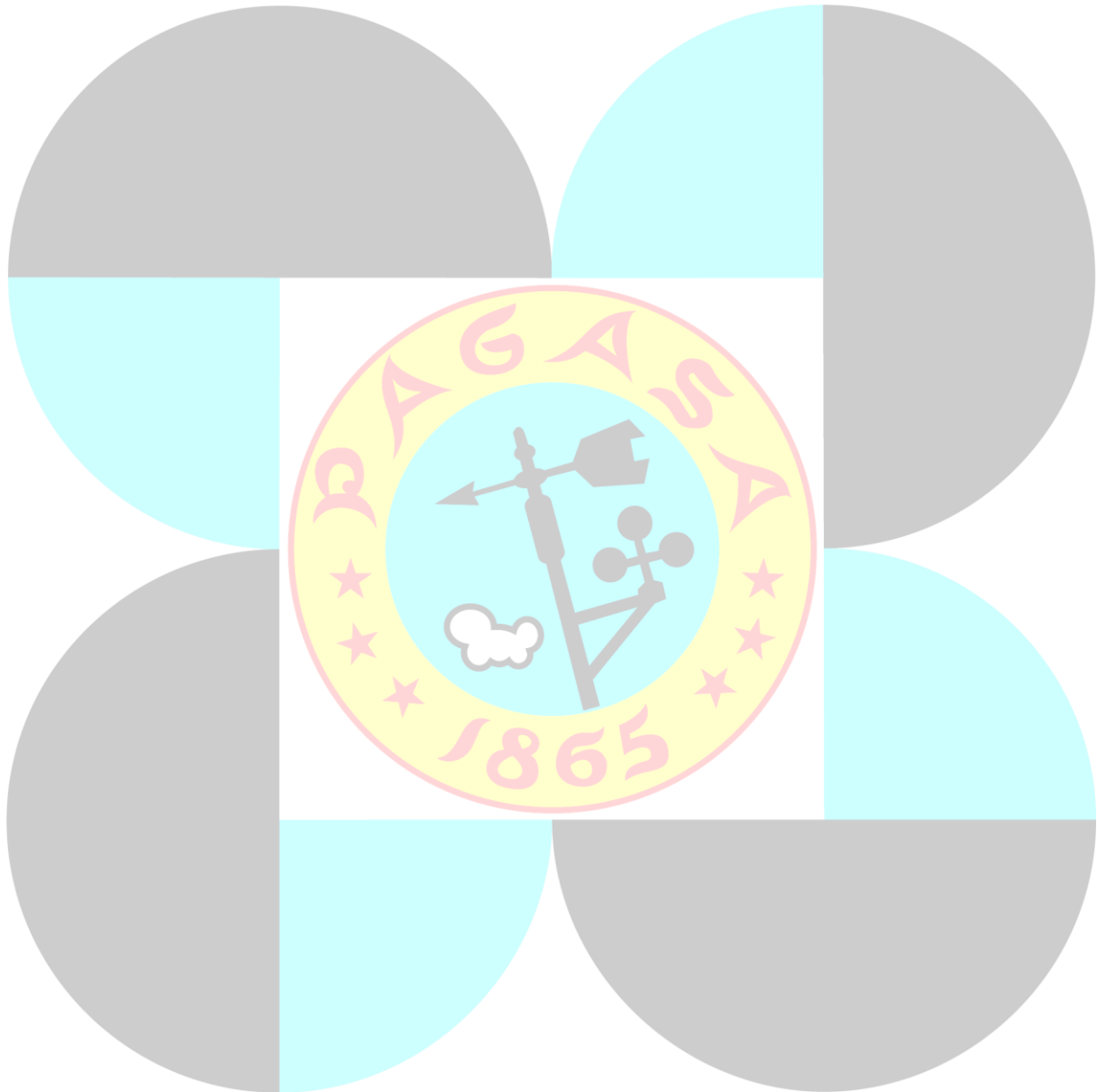
The Procuring Entity should specify in the BDS information and requirements specific to the circumstances of the Procuring Entity, the processing of the procurement, and the bid evaluation criteria that will apply to the Bids. In preparing the BDS, the following aspects should be checked:

- a. Information that specifies and complements provisions of the ITB must be incorporated.
- b. Amendments and/or supplements, if any, to provisions of the ITB as necessitated by the circumstances of the specific procurement, must also be incorporated.

# Bid Data Sheet

ITB Clause													
5.2	<p>For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be:</p> <p><b>Major Category/s of Work/s:</b></p> <ul style="list-style-type: none"><li>a. Construction of Building, Powerhouse</li><li>b. Completed within five (5) years from the date of submission and receipt of bids</li></ul>												
7.1	<b>Sub-contracting is not allowed.</b>												
10.3	<b>Valid PCAB License with at least small B category</b>												
10.4	<p>The key personnel must meet the required <b>minimum years of experience</b> set below:</p> <p><b>Kindly refer to Annex D for the detailed list</b></p> <table><tr><th><u>Key Personnel</u></th><th><u>General Experience (in years)</u></th><th><u>Relevant Experience (in years)</u></th></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table>	<u>Key Personnel</u>	<u>General Experience (in years)</u>	<u>Relevant Experience (in years)</u>									
<u>Key Personnel</u>	<u>General Experience (in years)</u>	<u>Relevant Experience (in years)</u>											
10.5	<p><b>The minimum major equipment requirements are the following:</b></p> <p><b>Kindly refer to Annex D for the detailed list</b></p> <table><tr><th><u>Equipment</u></th><th><u>Capacity</u></th><th><u>Number of Units</u></th></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table>	<u>Equipment</u>	<u>Capacity</u>	<u>Number of Units</u>									
<u>Equipment</u>	<u>Capacity</u>	<u>Number of Units</u>											
12	No further instructions.												
15.1	<p>The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts:</p> <ul style="list-style-type: none"><li>a. The amount of not less than <b>Php 99,991.96</b> (2%), if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit;</li><li>b. The amount of not less than <b>Php 249,979.89</b> (5%), if bid security is in Surety Bond.</li></ul>												
19.2	Partial bids are not allowed. The infrastructure project is packaged in a single lot and the lot shall not be divided into sub-lots for the purpose of bidding, evaluation, and contract award.												

20	Permits from the local government units and other government agencies pertinent and relevant to the project must be made available to the Procuring Entity
21	Additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity, such as <b>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.</b>





## ***Section IV. General Conditions of Contract***

### **Notes on the General Conditions of Contract**

The General Conditions of Contract (GCC) in this Section, read in conjunction with the Special Conditions of Contract in Section V and other documents listed therein, should be a complete document expressing all the rights and obligations of the parties.

Matters governing performance of the Contractor, payments under the contract, or matters affecting the risks, rights, and obligations of the parties under the contract are included in the GCC and Special Conditions of Contract.

Any complementary information, which may be needed, shall be introduced only through the Special 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.

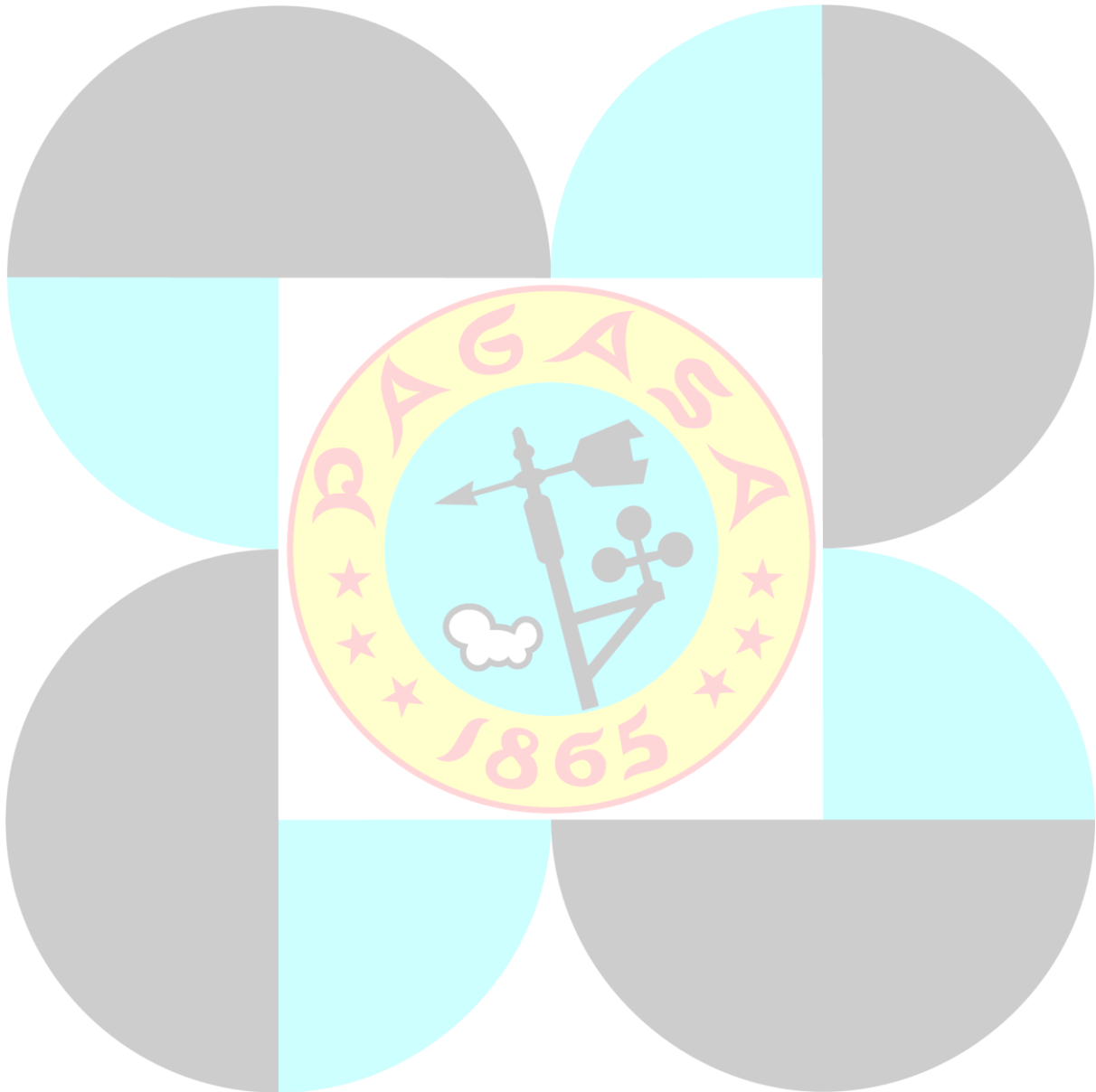
## **14. Progress Payments**

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***

### **Notes on the Special Conditions of Contract**

Similar to the BDS, the clauses in this Section are intended to assist the Procuring Entity in providing contract-specific information in relation to corresponding clauses in the GCC found in Section IV.

The Special Conditions of Contract (SCC) complement the GCC, specifying contractual requirements linked to the special circumstances of the Procuring Entity, the Procuring Entity's country, the sector, and the Works procured. In preparing this Section, the following aspects should be checked:

- a. Information that complements provisions of the GCC must be incorporated.
- b. Amendments and/or supplements to provisions of the GCC as necessitated by the circumstances of the specific purchase, must also be incorporated.

However, no special condition which defeats or negates the general intent and purpose of the provisions of the GCC should be incorporated herein.



# Special Conditions of Contract

GCC Clause	
2	The Intended Completion Date is <b>one hundred and eighty (180)</b> calendar days upon receipt of the Notice to Proceed.  <b>Note: The contract duration shall be reckoned five (5) calendar days from the receipt of the NTP.</b>
4.1	The <b>Procuring Entity</b> shall give possession of all parts of the Site to the Contractor on the day of the commencement of the Project.
6	<b>The Affidavit of Site Inspection</b> should be submitted by the participating Bidder.
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> <b>Fifteen (15) years.</b>
10	a. Dayworks are applicable at the rate shown in the Contractor's original Bid.
11.1	The Contractor shall submit the Program of Work to the Procuring Entity's Representative within <b>ten (10) calendar days</b> of delivery of the Notice of Award.
11.2	The amount to be withheld for late submission of an updated Program of Work is <b>Fifty Thousand Pesos (Php50,000.00) only.</b>
13	The amount of the advance payment is <b>15% of the total contract price.</b>
14	No further instructions.
15.1	The date by which "as built" drawings are required is <b>on or before the final acceptance.</b>
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 <b>Twenty Thousand Pesos (Php20,000.00) only.</b>

## ***Section VI. Specifications***

### **Notes on Specifications**

A set of precise and clear specifications is a prerequisite for Bidders to respond realistically and competitively to the requirements of the Procuring Entity without qualifying or conditioning their Bids. In the context of international competitive bidding, the specifications must be drafted to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, and performance of the goods and services to be procured. Only if this is done will the objectives of economy, efficiency, and fairness in procurement be realized, responsiveness of Bids be ensured, and the subsequent task of bid evaluation facilitated. The specifications should require that all goods and materials to be incorporated in the Works be new, unused, of the most recent or current models, and incorporate all recent improvements in design and materials unless provided otherwise in the Contract.

Samples of specifications from previous similar projects are useful in this respect. The use of metric units is mandatory. Most specifications are normally written specially by the Procuring Entity or its representative to suit the Works at hand. There is no standard set of Specifications for universal application in all sectors in all regions, but there are established principles and practices, which are reflected in these PBDs.

There are considerable advantages in standardizing General Specifications for repetitive Works in recognized public sectors, such as highways, ports, railways, urban housing, irrigation, and water supply, in the same country or region where similar conditions prevail. The General Specifications should cover all classes of workmanship, materials, and equipment commonly involved in construction, although not necessarily to be used in a particular Works Contract. Deletions or addenda should then adapt the General Specifications to the particular Works.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for goods, materials, and workmanship, recognized international standards should be used as much as possible. Where other particular standards are used, whether national standards or other standards, the specifications should state that goods, materials, and workmanship that meet other authoritative standards, and which ensure substantially equal or higher quality than the standards mentioned, will also be acceptable. The following clause may be inserted in the SCC.

#### **Sample Clause: Equivalency of Standards and Codes**

Wherever reference is made in the Contract to specific standards and codes to be met by the goods and materials to be furnished, and work performed or tested, the provisions of the latest current edition or revision of the relevant standards and codes in effect shall apply, unless otherwise expressly stated in the Contract. Where such standards and codes are national, or relate to a particular country or region, other authoritative standards that ensure a substantially equal or higher quality than the standards and codes specified will be accepted

subject to the Procuring Entity's Representative's prior review and written consent. Differences between the standards specified and the proposed alternative standards shall be fully described in writing by the Contractor and submitted to the Procuring Entity's Representative at least twenty-eight (28) days prior to the date when the Contractor desires the Procuring Entity's Representative's consent. In the event the Procuring Entity's Representative determines that such proposed deviations do not ensure substantially equal or higher quality, the Contractor shall comply with the standards specified in the documents.

These notes are intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They should not be included in the final Bidding Documents.



Project Title: **Improvement/Rehabilitation of Baguio Radar Office Building, Quarters, and Powerhouse**

Project Location: **Mt. Cabuyao, Poblacion, Tuba, Benguet**

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## **SCOPE OF WORKS AND TECHNICAL SPECIFICATIONS**

### **SCOPE OF WORKS**

- Removal and Demolition of the following:
  - Wind Breaker in front of the Office Building
  - Floor Tiles
  - Bathroom Wall Tiles
  - Kitchen Tiles
  - Doors and Windows
  - Existing Roofing and Trusses
  - Existing Ceiling
  - Existing Drywall at Quarters
  - Existing Plumbing Fixture.
- Excavation works for Columns
- Reinforcement, Formworks and Falseworks, and Concreting of the following:
  - Columns
  - Beams
  - Suspended Slab
  - Concrete Gutter
- Waterproofing of Concrete Gutter and Suspended Slab.
- Fabrication and Erection of Roof Trusses.
- Installation of Roof Insulation.
- Installation of Pre-painted Roof Sheet and Roof Accessories.
- Installation of Ceiling (Fiber Cement Board, and Acoustic Ceiling)
- Fabrication and Installation of Cabinet Doors
- Replacement of Plumbing Fixtures.
- Replacement of Tiles.
- Repainting of Interior Walls.
- Plastering and Repainting of Exterior Walls.
- Replacement of Doors and Windows.
- Installation of PVC connected from the downspout to water tank.
- Construction of Pathwalk.
- Electrical Works
  - Connection or wire tracing of existing Electrical System.
  - Installation of Rigid Steel Conduit with service entrance cap to existing post
  - Installation main disconnecting switch in service entrance post.
  - Electrical trenching for PVC pipe from service entrance post to gen. set room and sub-feeder lines.
  - Manhole or hand hole.
  - Installation of feeder line conductors.

- Installation of PVC layout for power outlets, switches, lighting, catv outlet, and LAN outlet.
- Installation of exhaust fans.
- Installation fire alarm system.
- Installation of panel boards.
- Installation of wiring devices.
- Installation of lighting fixtures and bulbs.
- Installation of water heaters.
- Termination of all wires to their corresponding home runs.
- Label all circuit breakers accordingly.
- Label all wiring devices to which circuit breaker they connected.
- Energize and testing of electrical system after all installation.

### **GENERAL REQUIREMENTS**

- The Contractor shall provide all materials, equipment, tools, labor, and supervision required for the complete construction of the project.
- To ensure proper phasing or scheduling of work, the Contractor must coordinate all work with all parties.
- Contractor must provide end-user with complete specifications and a product sample for evaluation. Inspection of the Project-in-Charge shall be required prior to installation of any item/material on the construction.
- Existing conditions of the work site shall be documented by the contractor and photos shall be taken before commencement of work to ensure such status. Any damage on the areas due to the contractor's ongoing works shall be refurbished at his expense.
- The Contractor shall promptly remove from the premises all trash, debris, and such weekly and after the completion of all works. Restore all areas that were damaged as affected by the construction works and leave the site clean to the satisfaction of the Project Inspector or his representative and the End-user.
- All materials removed from the unit shall be properly documented prior to turn-over to the End-user for proper safekeeping.
- Provision of Temporary Facility for workers shall be coordinated with the Project-in-Charge in order to provide a proper location and establish rules and regulations as the site consists of equipment and is on the premises of a workplace.
- To protect the building, create a temporary enclosure in each location. All of the building facilities must be adequately covered by such covers throughout the duration of the project.
- To ensure proper installation of all framing systems and protection of the area, the Contractor should provide, at its own expense, the necessary scaffoldings, board-ups, safety nets, and similar items.
- Construction requirements of each pay item must be in accordance with the DPWH "Standard Specifications for Public Works Structures Volume II"
- The brand of all materials, equipment, or products to be used in the project shall be specified by the contractor in the proposed specifications and approved by the project monitoring engineer of the end-user prior to procurement and installation.

## **UTILITY SERVICES**

- For the Utility Services/Consumption such as water and electric power, provision of electric and water meter shall be provided by the Contractor. All utility consumption shall be provided with meters to limit the usage of such during the construction period. Payments of the bill shall be at the expense of the Contractor.

## **SITE MONITORING**

- Site Monitoring shall be a must for the Contractor for the effective implementation of the Project. Any discrepancies in plans and on the actual site shall be properly coordinated with the Project Monitoring Engineer for verification.
- Regular coordination meetings shall be done between the Contractor or its representative and the Project Monitoring Engineer.
- Progress Photographs shall be documented by the Contractor.
- A logbook shall be available at the site. It shall contain the daily activities on the site, including weather conditions, delivery, manpower, and other matter pertaining to the situation of the project. It will also serve as data for the Contractor and Project Monitoring Engineer.
- Existing conditions of the work site shall be documented by the contractor and photos shall be taken before the commencement of work to ensure such status. Any damage on the areas due to the contractor's ongoing works shall be refurbished at his expense.

## **TECHNICAL SPECIFICATIONS**

### **Part B – Other General Requirements**

#### **Project Billboard / Safety Signage**

- The Contractor shall install one (1 Project Information Signs at/or near the beginning and the end of the project or upon the discretion of the Engineer. The new billboard layout, dimensions are as follows:
  - Tarpaulin Dimensions: 1.22m x 2.44 m
  - Thickness of Marine Plywood: 5mm
  - Background: White

The billboard shall consist the following data:

- Name of Project
- Location
- Name of Contractor
- Date Started
- Contract Completion Date
- Contract Cost
- Implementing Office
- Sources of Fund



- The Contractor shall install one (Safety Signage at/or near the beginning and the end of the project or upon the discretion of the Engineer. The new billboard layout, dimensions are as follows:
  - Dimensions: 0.4m x 0.60m (see attached sample photos)



### **Occupational Safety and Health Program**

- This Item covers the implementation of the construction safety in all stages of project procurement, requirements, provisions, and instructions for the guidance of the Engineer.
- The Contractor shall furnish his workers with protective equipment for eyes, face, hands and feet, lifeline, safety belt/harness, protective shields and barriers whenever necessary by the reason of the hazardous work process or environment.
- For General Construction Work, the required basic PPEs for all workers shall be Safety Helmet, Safety Gloves, and Safety Shoes. Workers within the construction project site shall be required to wear the necessary PPE at all times. Moreover, all other persons who are either authorized or allowed to be at a construction site shall also wear appropriate PPEs.

### **Mobilization / Demobilization**

- This Item includes the mobilization process, relocation/transfer of existing office furniture and equipment to the designated temporary location.
- Demobilization process shall include clearing of the affected areas from all rubbish, debris, and all unnecessary building materials and restore all the areas that were damaged as affected by the works and leave the site clean to the satisfaction of the Project Monitoring Engineer and/or the End-user.

## **Part C– Earthworks**

### **Item 801(6) – Removal and Demolition (including hauling of the debris and waste materials)**

- This work includes demolition/dismantling of all existing structures stated below but shall be coordinated properly with the Project-in-Charge to ensure the effect and safety of such demolition/dismantling with the adjacent and connecting structure.
  - Wind Breaker at the front side of the Office.
  - Floor Tiles
  - Doors and Windows
  - Roofing sheet and Roof Trusses
  - Existing Ceiling
  - Existing Plumbing fixtures
- Restoration and rehabilitation shall be done according to the improvement of the structures.
- All waste materials shall be disposed of properly.

### **Item 803(1)a – Excavation Structure (Common Soil)**

- This Item shall consist of the necessary excavation for the foundation of the building.
- This Item shall include the removal of all materials of whatever nature encountered including all obstructions of any nature that would interfere with the proper execution and completion of the work.
- The excavation for the following shall be in accordance to the dimensions given at the plan.
  - Column Footing at the Facade
  - Wall Footing at the Powerhouse

### **Item 804(1)a – Embankment from Structure Excavation (Common Soil)**

- This Item shall consist of the construction of an embankment using suitable materials of various compositions and compacted in accordance with this Specification and in conformity with the lines, grades, and dimensions shown on the Plans or established by the Project Monitoring Engineer.
- Excavated materials will be used for backfill materials, all backfilling materials shall be free of debris, roots, or other similar materials.
  - Column Footing at the Facade
  - Wall Footing at the Powerhouse

### **Item 804(7) – Gravel Fill**

- This Item shall consist of the construction of embankment using gravel and compacted in accordance with this Specification and in conformity with the lines, grades, and dimensions shown on the Plans or established by the Project Engineer.
- Gravel Bedding shall have the following thickness.

- Column Footing: 100mm thick
- Wall Footing: 75mm thick

## **Part D– Reinforced Concrete**

### **Item 900(1)i– Structural Concrete, Class A, 28 days**

- The work to which this refers includes all operations necessary for the supply and delivery of all materials, labor, equipment and all associated activities. This shall conform in the recommendations of the “National Structural Code of the Philippines”
- **Material Requirements**
  - Cement to be used shall be Type I conforming the ASTM C-150
  - Water shall be potable and free from acids, oils, and other organic materials.
- **Quality of Concrete**
  - The quality of Concrete shall comply with the Item 900.2 of the DPWH Blue Book and with the specific requirements outlined in the various section of these specifications.
  - Testing of samples from concrete pours shall be as required by Item 900.3.1 of the DPWH Blue Book
  - Hardened concrete may also be rejected for anyone of the following conditions:
    - a. It is porous, segregated, or honeycombed.
    - b. The reinforcing steel it incorporates has been displaced.
    - c. The required surface finish has not been met.
    - d. The concrete can be shown to be otherwise defective.

When the above situations arise, the Project –in-charge has the option to let the contractor to demolish the rejected portion.
- Concrete shall not be placed until all formworks, installation of reinforcement, embedded parts and the preparation of surfaces have been approved. Prior to concreting, the contractor shall submit a proposed pouring schedule for the various stages of the work. No concrete shall be poured prior to the approval.
- The method and manner of placing concrete shall be such as to avoid segregation of the concrete materials or displacement of the reinforcement.
- The following members shall be in 3000 psi;
  - Column
  - Beam
  - Canopy Beam
  - Column Footing
  - Wall Footing
  - Slab
  - Concrete Gutter
  - Perimeter pavement of the Building

### **Item 900(2) – Reinforcing Steel**

- This item shall consist of furnishing, cutting, bending, fabricating, welding, and placing of steel reinforcement with or without an epoxy coating of the type, size, shape, and grade

required in accordance with this Specification and in conformity with the requirements shown on the Plans.

- All steel bars to be used during construction should be in accordance with the guidelines of the National Structural Code of Buildings.
- The support and tolerance in placing of reinforcement shall comply with section 5.07 of the National Structural Code of Buildings.
- Lap Splicing and/or welding of reinforcement shall comply with section 5.07 of the National Structural Code of Buildings.
- Welding of reinforcement shall not be carried out unless shown on the drawings, specified, or otherwise approved by the Project Monitoring Engineer.
- All reinforcing bars shall be high tensile strength (Grade 60) except for the lateral ties, stirrups, and any reinforcing bars with 12mm Ø and below which shall be a structural grade (Grade 40).

#### **Item 903(1) – Formworks and False work**

- This Item covers the furnishing, fabrication, installation, erection, and removal of forms and falseworks, including scaffoldings.
- Scaffoldings, comprising the frame, platform, and clamps, are included in this pay item.
- The contractor shall be responsible for the design, erection, and adjustment of all formworks, falseworks, and scaffoldings in accordance with Section 5.06 of the National Structural Code for Buildings.
- All materials used in the construction and support of formwork shall be of timber, with alternative materials only allowed upon approval by the Project Monitoring Engineer.
- The contractor is responsible for ensuring that the forms are placed to the shape, lines, and dimensions indicated on the drawings, with sufficient strength to withstand the pressure from concrete placement and vibration. They must also ensure that the forms and scaffoldings are rigidly maintained and sufficiently tight to prevent excessive leakage of mortar.
- All debris, particularly chipping, shavings, and sawdust, must be removed from the interior of the forms before concrete placement. All form surfaces shall be cleaned and thoroughly wetted before pouring concrete.
- Before the placement of any concrete, the Project Monitoring Engineer shall inspect the formworks and scaffoldings, and may reject any materials or setups that do not conform to these specifications.
- The deflection of forms between joints and/or studs shall not exceed one five-hundredth (1/500) of the joints or stud spacing.
- The recommended minimum stripping time for horizontal slabs is twenty-four (24) hours after approval by the Project Monitoring Engineer.

### **Part C– Finishing and Other Civil Works**

#### **Item 1000(1)– Soil Poisoning**

- **Scope of Works**

This item involves the provision of all materials, equipment, and labor necessary for the treatment of the soil for termite control. The work shall be done in accordance with applicable plans, specifications, and relevant environmental regulations to ensure long-term protection against subterranean termites. All soil poisoning operations must be performed prior to the construction of the foundation and as specified in the project drawings.

- **Material Requirement**

- **Termiticide**
  - Use an approved chemical termiticide with residual effect, suitable for soil application
  - The concentration of the termiticide solution should follow the manufacturer's recommendations
- **Application Equipment**
  - Pressure sprayers or injection tools specifically designed for soil treatment
- **Application Area**
  - Entire foundation footprint including perimeter, trenches, and backfill areas
  - Ensure uniform coverage, particularly in areas prone to moisture accumulation.

### **Item 1001– Storm Drainage and Sewerage System**

- This Item shall consist of furnishing all materials, equipment, and labor for the complete installation of the storm drainage system which includes all pipings, gutters, canals, catch basins, junction boxes, handholes, manholes, and other appurtenant structures, and sewerage system which include all sanitary sewer, piping, septic vault/tank where no public sewer exists, from the building to the point of discharge.
- **Material Requirements - Downspout**
  - 3"Ø Polyvinyl conduit (PVC) pipe and fittings shall be used.
  - Orange PVC Pipes and Fittings conforming to pertinent ASTM and ISO.
  - 3" Ø Bend Elbow
  - 3" Ø PVC Roof Gutter Strainer
  - Stainless Steel 304 Pipe Bracket Support

### **Item 1002– Plumbing**

- This Item shall consist of furnishing all materials, tools, equipment, and fixtures required as shown on the Plans for the satisfactory performance of the entire plumbing system including installation in accordance with the latest edition of the Revised National Plumbing Code, Uniform Plumbing Code of the Philippines, National Building Code, and this Specification.
- **Material Requirements:**
  - Round Front Tank Type Water Closet (PTG-14542)
    - Color: White
    - Size : 680 x 425 x 770mm



- Series: Two Piece Watercloset
- Finish : Glossy
- Seat Cover : Soft Closing
- Liters per flush : 6 liters
- Flushing System : Siphonic Flush
- With seat and cover
- Tank with cover & fittings

- Pedestal –type Lavatory (PLK-1042)
  - Finish: Glossy
  - Size : 425 x 535 x 850mm
  - Complete with faucet, P-trap (w/plug) and accessories.
- Deck Mounted Floor Drain Plates
  - Size : 100mm Ø
  - Material: Stainless Steel 304
- Hand Bidet Set
  - Finish : Polished
  - Material: Stainless Steel 304
- Telephone-type Shower (Two Way Faucet with Hand shower)
  - Finish : Glossy
  - Material : Brass
- Facial Mirror
  - Size: 500mmØ x 4mm thk.
- Kitchen Sink
  - Material: Stainless Steel 304
  - Complete Set with Stainless Steel Gooseneck Kitchen faucet, Strainer with tailpiece, P-trap with Cleanout.
- Replacement of plumbing fixtures will be in accordance with manufacturer specifications and design plans
- All joints and connections shall be properly sealed to prevent leaks.

### **Item 1003– Cold Waterline**

- **Scope of Works**

The work under this item includes the provision of all necessary materials, tools, equipment, and labor to perform the replacement of the cold waterline system, ensuring compliance with the relevant drawings, specifications, and details. The work will be completed in accordance with the approved design and in conjunction with the replacement of plumbing fixtures.

- **Material Requirements**

- **Cold Waterline Piping**

- Use uPVC Pipes, Schedule 40
- Pipe Size: 3/4" Ø
- All fittings shall be solvent-welded type compatible with uPVC pipes
- Pipe supports and brackets must be corrosion-resistant and spaced per code requirements

### **Item 1003– Carpentry and Joinery**

- The work under this Item shall consist of furnishing all required materials, fabricated woodwork, tools, equipment, and labor and performing all operations necessary for the satisfactory completion of all carpentry and joinery works in accordance with the Plans and this Specifications.

#### **Item 1003(1)a1 – Metal Framed Ceiling**

- The work covered by this item shall consist of furnishing all ceiling finishes, equipped with fixing accessories in accordance with Plan and as herein specified.
- **Material Requirements**
  - Ceiling, 4.5mm, Metal Frame, Fiber Cement Board
  - on metal furring, puttied, sanded, and ready to receive primer coating.
  - Surface preparation for 4.50mm thk. Fiber Cement Board Ceiling
  - Painting of new ceiling.
  - Carrying Channel and Metal Furring shall not be located greater than 200mm from the wall.
  - Refer to the provided plan for the framing details of the Ceiling.

#### **Item 1030 – Acoustical ceiling**

- The work covered by this item shall consist of furnishing all ceiling finishes, equipped with fixing accessories in accordance with Plan and as herein specified.
- **Material Requirements**
  - 600mm x 600mm Acoustical ceiling
  - Laying of frame in accordance to the framing shown on the drawing.
  - Use 3/8" thk. 600mm x 600mm PVC Laminated Gypsum Ceiling Tiles (Lemon Skin)
- **Construction Requirements**
  - Provide all necessary preparation of ceiling.
  - Provide all the necessary accessories and framing for proper installation.
  - Ensure adequate hanger and support to all utilities on the area.
  - Restore all affected areas.

#### **Item 1003(2)b1 – Metal Frame Double Wall**



- **Scope of Works**

The work to be done under this item consists of furnishing all required materials, tools, equipment, and labor and performing all operations necessary for the satisfactory completion of all carpentry and joinery works in strict accord

with applicable drawings, details and these specifications.

- **Material Requirements**

- **Double Wall Interior Partition**
  - Use 6mm thk Fiber Cement Board
  - Studs 2" x 4" x 0.5mm thk
  - Track 2" x 4" x 0.5mm thk.

**Item 1003(4) – Kitchen Cabinet Doors**

- **Material Requirements**

- 18 mm Melamine on Marine Plywood (Wood grain finish)
- Soft Close Hydraulic Full Overlay Hinge
- Soft Close Hydraulic Half Overlay Hinge
- 160mm Stainless Solid Pull Handle

**Item 1003(15)a – Moulding**

- **Scope of Works**

This item includes the provision of all materials, tools, equipment, and labor required for the installation of baseboards and crown moulding. The work shall be performed in strict accordance with the approved architectural plans, details, and specifications, ensuring precise measurements, clean cuts, and professional finishing to enhance interior aesthetics.

- **Material Requirements**

- **Baseboard**
  - Material: Medium Density Fiberboard (MDF)
  - Dimensions: 4" height x ½" thickness (or as per plan)
  - Finish: Primer-coated or pre-finished, ready for painting or staining
  - Fasteners: Finishing nails or adhesive, as applicable
- **Crown Moulding**
  - Material: Medium Density Fiberboard (MDF)
  - Dimensions: 5" width x ¾" thickness (or as per plan)
  - Finish: Primer-coated or pre-finished, ready for painting or staining
  - Fasteners: Appropriate finishing nails, glue or clips based on material used

- **Installation**

- Mitre and cope joints at corners to ensure seamless connections
- Ensure all surfaces are sanded, gaps filled with caulk or wood filler, and finished with paint or stain as specified.

- The work covered by this item shall consist of providing crown moulding and baseboard moulding at the following areas:
  - CMO's Office (Crown Moulding and Baseboard)
  - Hallway (Crown Moulding and Baseboard)
  - Office Area (Baseboard)
  - Pantry Area (Crown Moulding and Baseboard)
  - Quarter 1 (Crown Moulding and Baseboard)
  - Quarter 2 (Crown Moulding and Baseboard)
  - Bedrooms (Crown Moulding and Baseboard)
- Design and color of baseboard and crown moulding shall be subjected for approval of the Project-in-Charge and End-user.

#### **Item 1004– Finishing Hardware**

- This Item shall consist of furnishing and installing all building hardware required to: (1) ensure rigidity on joint/connections of different parts of the structure; and (2) equip in a satisfactory operating condition parts of the structure such as doors, windows, cabinets, lockers, drawers and other similar operating parts in accordance with the Plans and this Specification.
- **Material Requirements**
  - **Lever-type Door Lockset**
    - Material: Brass
    - Universal 4-way latch
    - Fits standard doors
    - 2 3/8 in and 2 3/4 in backsets
    - Exterior keyed locking entry door
    - 3 keys
    - Meets ANSI Grade 3 Standards
  - **Stainless Steel Ball Bearing Hinges**
    - Size: 2" x 4" x 3mm
    - Material: Stainless Steel 304
    - Loose Pin
    - Knuckles with 4 ball bearings
    - Suitable for DIN left and right hand
    - Suitable for Wooden Flash Door
    - Comes with stainless screws
  - **Door Knob for PVC Doors**
    - With PVC Door Pad
    - Materials: Satin Stainless Steel

- Keying: Schlage C Keyway, Locks are keyed 5-pin
- Door Range: 1 3/8in to 1 3/4in standard
- Backset : Universal Latch Standard, fits either 2 3/8in or 2 3/4 in backsets.

- **Hinge for PVC Doors**

- Sets of Flag hinge for PVC Doors

## **Item 1005 – Steel Windows**

- **Scope of Works**

This item shall consist of furnishing and installing steel windows (awning and swing type) fully equipped with fixing accessories and locking devices in accordance with the Plans.

- **Materials Requirements**

- **Steel Window Casement – Swing-Type**

- Frame: Fabricated from galvanized steel sections, 1.5mm thick
- Casement: Swing-type panels with a minimum thickness of 1.2mm steel, powder-coated finish
- Glass: Clear tempered glass, 6mm thick
- Hinges: Heavy-duty stainless steel hinges
- Locking Mechanism: Lever lock or multi-point locking system
- Weatherstripping: Install to ensure airtight sealing

- **Steel Window Casement – Awning-Type**

- Frame: Galvanized steel sections, 1.5mm thick, powder-coated
- Casement: Awning-type with 1.2mm steel frame, powder-coated finish
- Glass: Frosted tempered glass, 6mm thick
- Hinges: Stainless steel friction hinges for smooth opening and closing
- Operating Mechanism: Manual crank handle or push bar system
- Weatherstripping: Integrated to provide waterproof and airtight sealing

## **Item 1010 – Wooden Doors**

- **Scope of Works**

This item covers the supply of all necessary materials, equipment, tools, and labor for the fabrication, delivery, and installation of wooden doors. The work includes fitting the doors, attaching hardware, and ensuring proper operation, in strict accordance with approved plans, specifications, and details. All doors shall be installed with proper care to achieve a smooth finish and ensure durability and security.

- **Materials Requirements**

- **Wooden Doors**

- Material: Solid Wooden Door (Tanguile), kiln-dried
- Thickness: Minimum 45mm (1.75 inches) or as per approved design

- Finish: Sanded, ready for staining or painting as specified in the plans
- Style: Panel door with specified design Weatherstripping: Install as required for exterior doors
- **Door Frames and Jambs**
  - Material: Solid wood
  - Finish: Prepared for paint or stain
  - Size: To accommodate door thickness, with precise fitting for hinges and locks (as specified below)
- **Hardware**
  - Hinges: Heavy-duty stainless steel ball bearing hinges, corrosion-resistant (minimum 3 hinges per door)
  - Lockset: lever-type handle or knob, with deadbolt for exterior doors
  - Thresholds: For exterior doors, aluminum or wood, with seal for waterproofing
- **Installation**
  - Ensure proper alignment, plumb and level, with even spacing for smooth operation
  - Attach all hardware, ensuring secure and precise fitting for long-lasting use
  - Sand and prepare all door surfaces, filling gaps or imperfections with wood filler
  - Finish doors with stain or paint, ensuring a smooth and durable coating as specified in the design plans.
- D-1: 1.20m x 2.10m Two door Solid Wood Panel with 2" x 6" Door Jamb (Tanguile)
- D-2 : 0.90m x 2.10m Solid Wooden Panel Door with 2" x 6" Door Jamb (Tanguile)
- D-3 : 0.80m x 2.10m Solid Wooden Panel Door with 2" x 4" Door Jamb (Tanguile)
- Refer to the plan for the location.

#### **Item 1043 –PVC Doors and Frames**

- **Scope of Works**

This item includes the provision of all necessary materials, tools, equipment, and labor required for the supply and installation of PVC (Polyvinyl Chloride) doors. The work shall be completed in accordance with the approved plans, specifications, and details, ensuring that the doors are properly aligned, functional, and aesthetically suitable for both interior and exterior use.

- **Materials Requirements**

- **PVC Doors**
  - Material: Rigid PVC with reinforced internal
  - Thickness: Minimum 40mm
  - Finish: Smooth, color is subject for approval
  - Type: Solid panel, single leaf
- **Door Frames and Jambs**
  - Material: PVC, compatible with the door panel
  - Finish: Color-matched or contrasting as specified
  - Size: Fitted to match the door thickness, with pre-cut slots for hinges and locks

- **Hardware**
  - Hinges: Corrosion-resistant stainless steel, minimum 3 hinges per door
  - Lockset: PVC-compatible lockset, knob handle
  - Accessories: PVC threshold and seals for exterior applications
- **Installation**
  - Ensure door frames are securely installed, plumb and level, with sufficient anchoring to the wall
  - Attach hardware, ensuring proper fit and secure fastening to avoid door misalignment
  - Test doors for smooth opening and closing, with no resistance or gaps
  - All edges and joints should be properly sealed with appropriate sealants for exterior doors, to prevent water or air leaks.

- D-4: 0.70m x 2.10m PVC Doors

#### **Item 1047, 1013 & 1014 – Roofing, Roofing Accessories, and Structural Roof Frame**

- **Scope of Works**

This item shall consist of furnishing all materials, labor, tools, and equipment to complete fitting installation of roof and application of supplementary materials to make the roof watertight and leakproof.

- **Materials Requirements**

- Roof Panels; Gauge 24 (0.60mm) thk Rib-Type, Long Span
- Roof Trusses: Top, Bottom, and Web member use 2" x 2" x 1/4" thk double angle bar
- C-Purlins: use 2" x 4" x 1.2mm thk C-Purlin
- Sagrods: 12mmØ
- Insulation: 10mm thk x 1.00m x 50.00mm P.E Foam Insulation
- Steel connections shall be full weld. Welding electrodes shall be E60 series
- Provide all the necessary accessories for proper installation.
- Ridge Roll: Pre-painted, Gauge 26
- Flashing: Pre-painted, Gauge 26
- Gutter: Pre-painted, Gauge 26
- Verify plans for necessary details.
- All structural steel frames shall be applied with Acrylic epoxy paint
- All steel section shall be primed and painted two coat with final coating colors as to be specified by Project-in-Charge and End-user.
- Steel Connections shall be full weld. Welding electrodes shall be E60 series of ASTM Specifications A233.
- Provide all necessary accessories for proper installation.
- Verify plans for necessary details.
- All structural steel frames shall be applied with Acrylic epoxy paint.
- All Steel sections shall be primed and painted two coat with final coating colors as to be specified by Project Monitoring Engineer and End-user.

#### **Item 1038 – Reflective Insulation**

- **Scope of Works**

This item encompasses the supply and installation of reflective insulation made from polyethylene (P.E.) foam, 10 mm thick, double-sided. The work will be carried out in accordance with the approved plans, specifications, and relevant building codes. The installation aims to enhance energy efficiency by minimizing heat transfer and providing a barrier against moisture.

- **Material Requirements**

- **Reflective Insulation**

- Material: Polyethylene (P.E.) foam, 10 mm thick, double-sided with reflective aluminum foil
    - Dimensions: As per project requirements (typically 1.2m x 2.4m sheets or specified dimensions)
    - Thermal Resistance: Minimum R-value as specified by the project (check local codes)
    - Moisture Barrier: Both sides should have reflective properties to provide thermal insulation and moisture resistance

#### **Item 1016 – Waterproofing**

- **Scope of Works**

This item includes the provision of all necessary materials, tools, equipment, and labor for the application of a cement-based waterproofing powder mix. The work shall be executed in strict accordance with the approved plans, specifications, and relevant standards, ensuring a durable waterproof barrier on reinforced concrete surfaces exposed to water.

- **Material Requirements**

- **Cement-Based Waterproofing Powder Mix**

- Type: Heavy-duty, cement-based, aggregate type
    - Characteristics: Suitable for application on reinforced concrete surfaces; must provide excellent adhesion and long-lasting waterproofing capabilities
    - Application: Mixed according to manufacturer's specifications for proper consistency and effectiveness
    - Curing: Adequate curing period required after application to achieve optimal performance
  - The following areas are subjected for waterproofing:
    - Concrete Gutter
    - Slab
    - Existing Concrete Water Tank

#### **Item 1018(15)a – Ceramic Tiles**

- **Scope of Works**



This item shall consist of furnishing all floor finishes, adhesive materials, labor, tools and equipment and the satisfactory performance in undertaking the proper installation of the Ceramic Tiles Flooring as shown on the plans and in accordance with these specifications.

- **Materials Requirements**

- Use **40cm x 40cm** Ceramic Glazed Floor Tiles for Office and Quarters
- Use **30cm x 30cm** Non-Skid Floor Tiles for T&B
- Use **30cm x 30cm** Ceramic Glazed Wall Tiles for T&B
- Use **40cm x 40cm** Ceramic Glazed Tiles for Kitchen Sink

#### **Item 1021 – Cement Floor Finish**

- This Item shall consist of furnishing all materials, labor, tools and equipment in undertaking cement floor finish in accordance with the Plans and this Specifications.
- Immediately after concrete has received a floated finish, give the concrete surface a coarse transverse scored texture by drawing a broom or burlap belt across the surface.

#### **Item 1027 – Cement Plaster Finish**

- This Item shall consist of furnishing all cement plaster materials, labor, tools, and equipment required in undertaking cement plaster finish in accordance with the Plans and these Specifications.
- **Materials Requirements:**
  - Mixture: Class B
  - Thickness: 20mm

#### **Item 1032 – Painting Works**

- **Scope of Works**
  - This item shall consist of furnishing all paints, varnishes and other products to be used including labor, equipment, and tools required as shown on the Plans and in accordance with these specifications.
  - Number of coats, where specified, is minimum. The contractor shall apply as many as required to meet specifications for a solid, uniform appearance. Where film thickness in mils is specified, spot checks will be made to determine compliance with the specified thickness.
  - Submit 2 samples of each and every color or finish (including all coats). Where the same color or finish is to be applied over different materials, samples of each shall be submitted.
  - All works fittings, furniture, etc., are to be suitably protected during the execution of the work. Splashes on floors, walls, etc. are to be removed during the progress of work and on the whole, left clean and perfect upon completion.
  - All defective or damaged work shall be restored to its initial condition.
  - All voids, cracks, nicks, etc., will be repaired with proper patching material and finished flush with surrounding surfaces.



- Marred or damaged shop coats on metal shall be spot-primed with appropriate metal primer.
- Upon completion of the project, the Contractor shall remove all paint spots from all finished work, remove all empty cans and leave the entire premises free from rubbish or other debris caused by his work. They shall remove their equipment from the premises. They shall clean off all glass free from paint spots and smears and shall present the work clean and free from all types of blemishes.

- **Painting Schedule:**

- **Masonry Surfaces**

**Exterior Surfaces**

- Smooth finish (Flat, Semi-gloss). Treat with masonry neutralizer.

New Painting:

1<sup>st</sup> coat: Acrylic solvent-based coating, Acrytex primer w/ solvent-based putty, Acrytex Cast.

2<sup>nd</sup> and 3<sup>rd</sup> Coat: Elastomeric Paint

Repainting:

Top coat: Apply two coats of Elastomeric on a properly prepared surface.

**Interior Surfaces**

- Smooth finish (Flat, Gloss). Treat with masonry neutralizer.

New Painting:

1<sup>st</sup> coat: Prime bare substrate with Flat latex (100% Acrylic Waterbased) w/ putty minor surface imperfections with Joint Compound. Let dry for one (1) hour. Spot-primed puttied portions.

2<sup>nd</sup> and 3<sup>rd</sup> Coat: Finish with two (2) coats of Latex Paint with low-odor water-based coating. Let dry for one (1) hour in between coats.

Repainting:

Top coat: Apply two (2) coats of Latex paint with low-odor water-based coating. Let dry for one (1) hour in between coats.

**Ceiling and Drywall, Fiber Cement Board**

- Smooth finish (Flat, Semi-gloss).

New Painting:

1<sup>st</sup> coat: Prime bare substrate with Flat latex (100% Acrylic Water-based) w/ putty and mesh on the joint and minor surface imperfections with Joint Compound. Let dry for one (1) hour. Spot-primed puttied portions.

2<sup>nd</sup> and 3<sup>rd</sup> Coat: Finish with two (2) coats of Latex Paint with low-odor water-based coating. Let dry for one (1) hour in between coats.

**Wood**

- Smooth finish (Flat, Semi-gloss).

New Painting:

1<sup>st</sup> Coat: Prime the bare substrate with Flat Enamel, thinned using Paint Thinner as needed for consistency.

Apply Glazing Putty to joints and minor surface imperfections for a smooth finish.

Allow the primer and putty to dry for one (1) hour.

Spot-prime the puttied portions with Flat Enamel.

2<sup>nd</sup> Coat: Finish with two (2) coats of Enamel Quick Dry Paint, adding Tinting Color as necessary to achieved the desired shade (color and shade is subject for approval)

**Metal Surfaces**

- Gloss Finish (Epoxy type) for Steel window frames.

1<sup>st</sup> Coat: Epoxy Primer

2<sup>nd</sup> Coat: Water-based Acrylic Epoxy paint (Black)

- **Materials Requirements**

For Color, gloss, and texture are subject for approval of Project-in-Charge and End-user.

**Part F - ELECTRICAL**

**Conduits, Boxes and Fittings**

- This item shall consist of furnishing and installation of the complete conduit work consisting of electrical conduits; conduit boxes; conduit fittings and other electrical materials in accordance with the Plans and this Specification.

Scope of Works

- All conduits, conduit boxes, conduit fittings, pull boxes and other electrical materials base on the Plans and Specification shall be installed **including furnishing**.
- All conduits and boxes shall be **embedded in concrete** unless otherwise specified on the plan.
- All Junction boxes shall install covers.
- Where a conduit enters a box, fitting, or other enclosure, a locknut and bushings shall be installed to protect the wire from abrasion unless the design of the box, fitting, or enclosure is such as to afford equivalent protection.
- Installation of pull-boxes above and below the panel boards.
- Installation of Rigid Steel Conduit in existing service entrance post.
- All conduits buried underground shall be at least 300mm depth and with electrical warning mesh tape.
- All lighting outlet shall have 1.5m flexible metal conduit connected to metal straight connector to metal cover.
- The contractor shall laid and buried 1 – 50mm dia. PVC from Service Entrance Post to Gen. Set room. Also to other feeder line, refer to plan.
- Rerouting of conduit layouts is permitted, provided it adheres to the approved plan.
- Conduits related to the radar and other equipment's that are not specified in the plan should remain unchanged unless improvements are feasible, in which case they should be implemented and to ensure a neat and tidy appearance.

### Specifications

- Threadless couplings and connectors shall not be used in threaded conduit ends unless listed for the purpose.
- Exposed conduit in Service Entrance Post shall be Rigid Steel Conduit (RSC).
- RSC shall be made of steel with protective coatings, aluminium, red brass or stainless steel.
- Markings in each length of RSC shall be clearly and durably marked at least every 3000mm with the letters RSC. Each length shall be marked as required in Subsection 1.10.1.21 (A) of Article 1.10, Requirements for electrical installations of PEC, Part I.
- The standard length of RSC shall be 3000mm, including an attached coupling, and each end shall be threaded.
- RSC shall be having a minimum size of metric designator 16 (trade size ½) and a maximum size of metric designator 103 (trade size 4).
- PVC Conduit shall be made of rigid (non-plasticized) polyvinyl chloride (PVC).
- PVC conduit and fittings shall be composed of suitable non-metallic material that is resistant to moisture and chemical atmosphere.

- Markings in each length of PVC conduit shall be clearly and durably marked at least every 3000mm as required in Subsection 1.10.1.21 (A) of Article 1.10, Requirements for Electrical Installations of PEC, Part I.
- The physical and mechanical properties of PVC conduit shall conform to the requirements of PNS 14:2005, Unplasticized Polyvinyl Chloride (uPVC) electrical conduit – Specification.
- PVC shall have a minimum size of metric designator 16 (trade size ½) and a maximum size of metric designator 155 (trade size 6).
- Pull boxes shall be grey coated and shall have cover.

### **Wires, Cables and Wiring Devices**

- This item shall consist of furnishing and installation of all wires and wiring devices consisting of electric wires and cables, wall switches, convenience receptacles, heavy duty receptacles and other devices in accordance with the approved Plans and this Specification.

### **Scope of Works**

- Connection or wire tracing of existing Electrical System.
- Replacement of all wiring, cables and wiring devices as specified in the electrical plan.
- All wires and wiring devices specified in the plan shall be installed including furnishing.
- All branch circuits and main feeder shall have grounding wire from Panel Boards to electrical devices.
- The contractor shall have labelled all electrical devices such as convenience outlets and switches with corresponding branch circuit in the Panel Board for easy troubleshooting. Refer to schedule of loads.
- The contractor shall allot 150mm minimum extension of wire for switch boxes and convenience outlet boxes.
- The contractor shall allot minimum of 1500mm extension of wire for lighting fixture junction boxes inside a flexible conduit.
- All wires shall be terminated to wiring devices and to circuit breakers according to the plan.
- All wires going in panel board shall be neat and tidy.
- Installation of power source to Intermediate Distribution Panel (IDP).
- REDP feeder line replacement, rerouting of conduit & cables shall be permitted as long as the installer advises the designer prior to taking action.
- Wires, cables and wiring devices related to the radar and other equipment's that are not specified in the plan should remain unchanged unless improvements are feasible, in which case they should be implemented and to ensure a neat and tidy appearance.
- Testing all items mention above.

### Specifications

- All wires shall be Thermoplastic High Heat-Resistant Nylon-Coated (THHN) copper wires rated 600V.
- All wires shall be stranded type and high end quality of copper.
- All branch circuits and main feeder shall have grounding wire from Panel Boards to electrical devices.
- The minimum diameter size of conductors shall be 2.0mm<sup>2</sup> for copper
- Switches shall have LED indicator.
- Receptacles shall be 3-pin socket (grounding type).
- All electrical devices shall be high quality that will last for long.
- Items to be used shall comply to DTI-BPS Mandatory Product Certification; Philippine Standard (PS) Quality and/or Safety Certification Mark Licensing and the Import Commodity Clearance (ICC) Certification.

### Panel Boards and Other Overcurrent Protection Devices

- This Item shall consist of furnishing and installation of the distribution panel boards at the location shown on the approved Plans complete with circuit breakers, all accessories completely wired and ready for service.

### Scope of Works

- Installation of ECB and panel boards shall be wall mounted. Refer to the plan.
- Main and branch circuit breakers for panel boards shall have the rating, capacity and number of poles as shown on the approved Plans.
- Panel boards, main and branch circuit breakers shall be labelled accordingly to the load schedule.
- The body of the metal panel boards shall be properly grounded.
- The contractor shall provide grounding terminal in each panel board.
- The contractor shall submit a proposal of preliminary Test and Inspection Plan.

### Specifications

- Panel Boards shall be NEMA 1 enclosure and shall be grey coated unless otherwise specified in the plan.
- Main circuit breaker shall be 2-pole single phase and branch circuit breaker are 2-pole single phase according to the schedule of loads.
- Panel boards shall have busbar capacity more than the full-load current accordingly to the Plan.

### **Lighting Fixtures and Lamp**

- This Item shall consist of furnishing all lighting fixtures, accessories and fixings necessary for installation as shown on the Plans and in accordance with this Specifications. A light fixture or luminaire is an electrical device to create artificial light that serves as a tool to direct light using reflective and shielding materials.

### **Scope of Works**

- Installation of LED panels recessed type, surface type and suspended type shall be fit into ceiling, properly reinforced the mounting and properly grounded. Refer to the plan.
- Installation of downlight fixture, surface type, recessed type. Refer to the Plan.
- Installation of upside/down wall lamp. Refer to the plan.
- Installation LED Emergency light and exits sign at corresponding location. Refer to the Plan.
- Provide individual power outlet for emergency light.
- All lighting fixture body shall be properly grounded.
- Installation of LED bulbs in all lighting fixtures.
- Upon completion of installation of lighting fixtures and after circuitry has been energized, electrical energy shall be applied to demonstrate capability and compliance with requirements. When possible, malfunctioned units at the Project Site shall be rectified, then retested to demonstrate compliance; otherwise, defective items shall be removed and replaced with new units and another test shall be conducted.

### **Specifications**

- LED panel light **60cm x 60cm recessed type** shall be 60Watts with LED driver and color temperature shall be 6000k.
- LED panel light **120cm x 30cm suspended type** shall be 60Watts with LED driver and color temperature shall be 6000k.
- Modern LED decorative center lighting, tri-color temperature and at least 600mm in diameter.



- 6" vertical downlight fixture surface type and recessed type shall be aluminium material, water proof and color black. The color temperature of bulbs shall be 3000k 9watts for outdoor and 6000k 9watts for indoor. Refer to the Plan for location.
- Cylindrical upside/down wall lamp shall be E27 or GU10 socket and with 3000k 6watts LED bulb and also the body/housing shall be HDPE plastic material.
- LED emergency light shall be 3.6V 900mAh Ni-CD battery with overcharge and discharge protection. Injection-moulded thermoplastic ABS housing. Adjustable Headlamps. 3000k color temperature.
- Exit sign shall have built-in back up battery, 220V, LED green light, hanging type, transparent shell, aluminum material, IP30.

### **Auxiliary System**

- This Item shall consist of furnishing and installation of all materials, components and equipment to complete the requirements for Auxiliary System in accordance with the Plans and this Specification.

### **Scope of Works – CATV System**

- Installation of wall plate CATV outlet (See specified plan).
- Installation of conduits for Co-axial cable shall be embedded in concrete. Refer to the Plan.
- Installation of Co-axial cable and termination of cables.
- Installation of outdoor CATV box.
- Labelling of CATV outlet is a must.
- At the completion of the installation works, the entire installation shall be subject to the test before final placing in service under the full responsibility of the Contractor. Unless otherwise specified, all test shall be carried out in conformity with the requirement of Philippine Electrical/Electronics Code or with this Specification.
- After each test, the contractor shall immediately submit copies of a test report to the Engineer.
- Testing certificates shall be provided by the speciality contractor prior to final turnover.

### **Network and Cabling System**

- This Item shall consist of furnishing and installation of Network Cabling, equipment and associated components to form a complete coordinated system ready for operation in accordance with the Plans and Specifications.

### **Scope of Works**

- Installation and layout of conduits for UTP cable shall be embedded in concrete.



- Installation of UTP cable in every data outlet/port is directly from Main Distribution Frame (MDF). Splicing is strictly prohibited.
- Installation of Data outlet/port with grid and plate.
- Managed switch, patch panel and Intermediate Distribution Frame (IDF) shall install by the contractor.
- Termination of UTP and STP cables in every port and to managed switched/patch panel shall be done by the contractor.
- Configuration of the network system shall be done by the contractor.
- Installation of WIFI access point shall be done also by the contractor.
- Provide pull boxes for MDF.
- The contractor will provide service entrance for MDF outside the building just under the ceiling.
- All cables and hardware shall be 100% tested for defects in installation and to verify cable performance under installed conditions. All conductors of each installed cable shall be verified useable by the Contractor prior to system acceptance.
- All UTP and fiber optic cable field testing shall be performed with an approved test device. 100% of cables installed shall be tested and shall all result to PASS remarks channel or permanent link.
- All field tester shall be factory calibrated each calendar year by the field test equipment manufacturer.

#### Specifications – Network and Cabling System

- Conduit, boxes and fittings shall conform to the requirements of **Item 1100**.
- Cable and wiring devices shall conform to the requirements of **Item 1101**.
- UTP cable shall be CAT6.
- Data outlet shall be single port with grid and plate unless otherwise specified in the plan.
- WIFI access point shall be 300Mbps ceiling mounted.
- IDF shall be complete set (power outlets, brackets and other accessories, etc.).
- POE injector shall be 8 port for LAN and 8 port for POE.
- Manage Switch shall meet the specifications below:
  - **Power consumption:** Max Power (w/o PoE): 33W
  - **Input Voltage:** 100-127 VAC / 200-240 VAC
  - **External I/O Ports:** 24x ports 10/100/1000BASE-T ports 4x 1G SFP ports
  - **Latency:** 1 Gbps: 1.5 µSec
  - **Routing Capabilities:** Static
  - **Switching Capacity:** 56 Gbps
  - **Throughput:** 41.6 Mpps
  - **Memory and Processor:** Dual Core ARM Cortex A9 @ 1016 Mhz 8 GB DDR3, maximum, depending on model 16 GB eMMC
  - **PoE Capability:** non-PoE model

- **Warranty Standard Statement:** Limited Lifetime Warranty
- **Weight (imperial):** 5.78 lbs
- **Weight (metric):** 2.6 kg
- **Product Dimensions (imperial):** 1.73 x 17.4 x 7.92 in
- **Product Dimensions (metric):** 4.4 x 44.2 x 20.1 cm
- **Operating Temperature:** 32°F to 113°F (0°C to 45°C) up to 5000 ft (1.5 km)  
derate -1°C for every 1000 ft (305 m) from 5000 ft (1.5 km) to 10000 ft (3.0 km)

## **Grounding System**

### **Description**

This item shall consist of furnishing all grounding system materials, labor, tools, equipment and others in undertaking the proper installation works required in accordance with the Plans and this Specification.

### **Scope of Works**

- Trenching and excavation shall be done by the contractor.
- Installation of ground rod and conductors shall be done by the contractor.
- The contractor shall bond the new grounding system to existing grounding system of the building.
- Grounding busbar terminal and ground rod copper clad shall be delivered and install by the contractor.
- Exothermic welding shall be done by the contractor.
- Sealing gum shall be use whenever it is needed.
- Terminal lugs shall be install by the contractor.
- Ground resistance test shall be done by the contractor and with PAGASA personnel for witness.

### **Specifications**

- Copper clad ground rod shall be 3 meters in length and 16mm in diameter, and must be UL listed.
- Bare copper wire must be 30mm<sup>2</sup> in size.
- GET type exothermic mold 16/30 with handle clamp and flint igniter.
- Exothermic powder shall be #90 for GET connections.
- 
- Minimum requirements for ground resistance shall be less than 1ohm.

## **Miscellaneous Electrical/Civil Works**

- This item shall consist of construction of pedestal poles, manhole, concrete encasement, handhole, wire trench, furnishing and installation of cable tray, mounting bolts/ eye bolts, and spool insulator wire rack and shall conform to the alignment, grades, design, dimensions and details in accordance with Plans and Specifications.

#### Scope of Works

- Trench excavation from service entrance post to generator room and subfeeder lines. Refer to the plan.
- Make hand/man hole if possible for feeder lines.
- Installation of electrical warning mesh tape above the trenching.
- Installation of 3 spool insulator spool secondary rack base on the plan.

#### Specifications

- Handholes shall be in accordance with the applicable requirements of Item 900, Structural Concrete.
- Handhole shall be 500mm x 500mm x 600mm.
- Other materials to be used shall be in accordance with Section 3.14.2.16, Handhole Enclosures and Section 1.10.5, Manholes and Other Electric Enclosures Intended for Personnel Entry of the Philippine Electrical Code (PEC), Part 1.
- Trench excavation shall be minimum of 300mm in depth.
- Insulator post strut shall be rounded to ensure that the spool insulator will not be damaged while being strung. All components of secondary rack shall be hot-dip galvanized conforming to the requirements of ATSM A123, Zinc (hot-dip galvanized) coatings on iron and steel products.

#### **Ventilating System**

- This Item shall consist of furnishing and installation of ventilation systems, inclusive of necessary electrical connections, ductworks, grilles, and all other necessary accessories, ready for service in accordance with the Plans and this Specification.

#### Scope of Works

- Installation and layout of conduits for Exhaust Fans. Refer to the Plan.
- Installation of exhaust fan ceiling type. Refer to the Plan.

#### Specifications

- Exhaust fan shall be 220V, 12in x 12in dimension, color white, ceiling mounted.

## **Fire Alarm System**

### **Description**

This Item shall consist of furnishing, installation and connection of the fire alarm wiring and equipment to form a coordinated system ready for operation in accordance with the Plans and Specifications.

### **Scope of Works**

- Installation of boxes, conduit and fittings shall be embedded in concrete except FACP.
- Installation of Smoke Detector, Heat Detector, Alarm Horn w/ Strobe Light, Fire Alarm Control Panel, Manual Pull Station Switch and fire alarm cable.
- The Contractor shall terminate the cables to the devices and FACP.
- Upon completion of installation of Fire Alarm System and after circuitry has been energized, triggering the devices shall be applied to demonstrate capability and compliance with requirements. When possible, malfunctioned units at the Project Site shall be rectified, then retested to demonstrate compliance; otherwise, defective items shall be removed and replaced with new units and another test shall be conducted.

### **Specifications**

- All fire alarm devices mention above shall be compatible with each other.
- Alarm horn shall be modern with LED strobe light.
- Fire alarm cable shall 2C shielded type.
- Fire Alarm Control Panel shall be at least 6 zone, 220V main power supply, 27.2VDC internal power supply, 12V 12.8Ah li-on battery pack, end of line device and end of line resistance value (6.8k ohms, 5% tolerance, 0.25W color coded blue, grey, red, gold).
- Installation conduits, wires and boxes shall be in accordance with the requirements of Article 7.60 – Fire Alarm Systems of the Philippine Electrical Code.
- The inspection, testing and maintenance of fire alarm system shall comply with the requirements of Chapter 10 – Inspection, Testing and Maintenance of the National Fire Alarm Code (NFPA 72).

## ***Section VII. Drawings***

*[Insert here a list of Drawings. The actual Drawings, including site plans, should be attached to this section, or annexed in a separate folder.]*

***See Annex “B” for Drawings***



## ***Section VIII. Bill of Quantities***

### **Notes on the Bill of Quantities**

#### **Objectives**

The objectives of the Bill of Quantities are:

- a. to provide sufficient information on the quantities of Works to be performed to enable Bids to be prepared efficiently and accurately; and
- b. when a Contract has been entered into, to provide a priced Bill of Quantities for use in the periodic valuation of Works executed.

In order to attain these objectives, Works should be itemized in the Bill of Quantities in sufficient detail to distinguish between the different classes of Works, or between Works of the same nature carried out in different locations or in other circumstances which may give rise to different considerations of cost. Consistent with these requirements, the layout and content of the Bill of Quantities should be as simple and brief as possible.

#### **Daywork Schedule**

A Daywork Schedule should be included only if the probability of unforeseen work, outside the items included in the Bill of Quantities, is high. To facilitate checking by the Entity of the realism of rates quoted by the Bidders, the Daywork Schedule should normally comprise the following:

- a. A list of the various classes of labor, materials, and Constructional Plant for which basic daywork rates or prices are to be inserted by the Bidder, together with a statement of the conditions under which the Contractor will be paid for work executed on a daywork basis.
- b. Nominal quantities for each item of Daywork, to be priced by each Bidder at Daywork rates as Bid. The rate to be entered by the Bidder against each basic Daywork item should include the Contractor's profit, overheads, supervision, and other charges.

#### **Provisional Sums**

A general provision for physical contingencies (quantity overruns) may be made by including a provisional sum in the Summary Bill of Quantities. Similarly, a contingency allowance for possible price increases should be provided as a provisional sum in the Summary Bill of Quantities. The inclusion of such provisional sums often facilitates budgetary approval by avoiding the need to request periodic supplementary approvals as the future need arises. Where such provisional sums or contingency allowances are used, the SCC should state the manner in which they will be used, and under whose authority (usually the Procuring Entity's Representative's).

The estimated cost of specialized work to be carried out, or of special goods to be supplied, by other contractors should be indicated in the relevant part of the Bill of Quantities as a particular provisional sum with an appropriate brief description. A separate procurement procedure is normally carried out by the Procuring Entity to select such specialized contractors. To provide an element of competition among the Bidders in respect of any facilities, amenities, attendance, etc., to be provided by the successful Bidder as prime Contractor for the use and convenience of the specialist contractors, each related provisional

sum should be followed by an item in the Bill of Quantities inviting the Bidder to quote a sum for such amenities, facilities, attendance, etc.

**Signature Box**

A signature box shall be added at the bottom of each page of the Bill of Quantities where the authorized representative of the Bidder shall affix his signature. Failure of the authorized representative to sign each and every page of the Bill of Quantities shall be a cause for rejection of his bid.

These Notes for Preparing a Bill of Quantities are intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They should not be included in the final documents.

*See Annex “C” for Bill of Quantities*





## ***Section IX. Checklist of Technical and Financial Documents***

### **Notes on the Checklist of Technical and Financial Documents**

The prescribed documents in the checklist are mandatory to be submitted in the Bid, but shall be subject to the following:

- a. GPPB Resolution No. 09-2020 on the efficient procurement measures during a State of Calamity or other similar issuances that shall allow the use of alternate documents in lieu of the mandated requirements; or
- b. any subsequent GPPB issuances adjusting the documentary requirements after the effectivity of the adoption of the PBDs.

The BAC shall be checking the submitted documents of each Bidder against this checklist to ascertain if they are all present, using a non-discretionary “pass/fail” criterion pursuant to Section 30 of the 2016 revised IRR of RA No. 9184.



CHECKLIST OF REQUIREMENTS  
(INFRASTRUCTURE PROJECTS)

Title of Project	: Improvement/Rehabilitation of Baguio Radar Office Building, Quarters, and Powerhouse – NP Two Failed Biddings	
Reference	: 2024-11-0762 EPA	2025-17 INF NP
ABC	: Php 4,999,597.78	
Date of Evaluation	:	
Name of Bidder	:	

ENVELOPE NO.1: TECHNICAL COMPONENTS

PLEASE SUBMIT THE FOLLOWING DOCUMENTS IN TRIPLICATE COPIES, ARRANGED IN ORDER, WITH LABEL AND DULY TABBED, AND USING ONLY THE PRESCRIBED BIDDING FORMS:

I. TECHNICAL COMPONENT ENVELOPE			
DESCRIPTION			TAB
CLASS “A” DOCUMENTS			
LEGAL DOCUMENTS			
<input type="checkbox"/>	PhilGEPS Certificate of Registration and Membership under <b>Platinum</b> category.		A
TECHNICAL DOCUMENTS			
<input type="checkbox"/>	Statement of <b>all ON-GOING government and private contracts</b> within the period of <b>five (5) years</b> , unless otherwise stated in the <b>BDS</b> , including contracts awarded but not yet started, if any, <b>WHETHER SIMILAR OR NOT SIMILAR</b> in nature and complexity to the contract to be bid. This statement shall be supported by <b>ANY ONE</b> of the following documents: <input type="checkbox"/> Copy of the Contract; <b>or</b> , Purchase Order (PO); <b>or</b> , Notice of Award (NOA); <b>or</b> , Notice to Proceed (NTP)		B  B-1 ... n
<input type="checkbox"/>	Statement of bidder’s <b>Single Largest Completed Contract (SLCC) similar in nature</b> to the Contract to be bid within the period of <b>five (5) years</b> , unless otherwise stated in the <b>BDS</b> . Such statement shall be supported with complete documentary evidence, enumerated below: <input type="checkbox"/> i. Copy of the Contract <b>or</b> Purchase Order (PO); <input type="checkbox"/> ii. Copy of Certificate of Completion <b>or</b> Sales Invoice; and <input type="checkbox"/> iii. Copy of Certificate of Acceptance <b>or</b> Official Receipt (OR) / Collection Receipt.		C  C-1 C-2 C-3
Note by Bidders: The PAGASA-BAC, however, reserves the right to examine and require the submission of other documents pertaining to the bidders' statement during the post-evaluation stage.			
<input type="checkbox"/>	Special PCAB License in case of Joint Ventures <b>and</b> registration for the type and cost of the contract to be bid		D
<input type="checkbox"/>	Original copy of Bid Security payable to the Procuring Entity. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission <b>or</b> original copy of Notarized Bid Securing Declaration;		E
	FORM OF BID SECURITY	AMOUNT (Equal to Percentage of the ABC)	
	<ul style="list-style-type: none"><li>Cash or cashier’s/manager’s check issued by a Universal or Commercial Bank; <b>or</b>,</li><li>Bank Draft/Guarantee or Irrevocable Letter of Credit issued by a Universal or Commercial Bank; <i>Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank</i></li></ul>	2%	Php 99,991.96
	<ul style="list-style-type: none"><li>Surety bond callable upon demand accompanied by a certification by the Insurance Commission that the surety or insurance company is authorized to issue such instruments; <b>or</b></li></ul>	5%	Php 249,979.89
	<ul style="list-style-type: none"><li>Bid Securing Declaration (GPPB Resolution No. 03-212)</li></ul>		

<input type="checkbox"/>	<b>Project Requirements</b> , which shall include the following:	<b>F</b>
<input type="checkbox"/>	<b>Organizational Chart</b> for the Contract to be Bid;	<b>F-1</b>
<input type="checkbox"/>	<b>List of contractor's key personnel</b> (e.g., Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, together with the personnel's	<b>F-2</b>
<input type="checkbox"/>	Curriculum Vitae or Bio-Data	<b>F - 2.1</b>
<input type="checkbox"/>	Certificate of Employment	<b>F - 2.2</b>
<input type="checkbox"/>	Contractor's Letter-Certificate to Procuring Entity	<b>F - 2.3</b>
<input type="checkbox"/>	Individual PRC License of the (professional) personnel <u>and</u> Applicable Certification of Training or Accreditation attended by the Contractor's personnel issued by the accrediting government agency	<b>F - 2.4</b>
<input type="checkbox"/>	Manpower Utility Schedule	<b>F - 2.5</b>
<input type="checkbox"/>	<b>List of contractor's major equipment units</b> , 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	<b>F-3</b>
<input type="checkbox"/>	Equipment Utilization Schedule	<b>F - 3.1</b>
<input type="checkbox"/>	Construction Schedule and S-Curve	<b>F - 3.2</b>
<input type="checkbox"/>	<b>Omnibus Sworn Statement</b> , in accordance with Section 25.3 of the 2016 Revised IRR of R.A. 9184 and using the prescribed form.	<b>G</b>
<input type="checkbox"/>	<b>Authority of the Signatory</b> , i.e., the Secretary's Certificate OR the Special Power of Attorney (SPA) <b>or</b> , Owner's Affidavit, whichever is applicable.	<b>G-1</b>
<b>FINANCIAL DOCUMENTS</b>		
<input type="checkbox"/>	Computation of Net Financial Contracting Capacity (NFCC)*; <b>or</b> , Credit Line Certificate (CLC) issued by a Universal or Commercial Bank in favor of the bidder, if awarded the contract for the project. * <b>The constant NFCC's K factor is set at 15, regardless of contract duration.</b>	<b>H</b>
<b>CLASS "B" DOCUMENTS</b>		
<input type="checkbox"/>	<b>If applicable, duly signed joint venture agreement (JVA)</b> in accordance with RA No. 4566 and its IRR 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.	<b>I</b>
<input type="checkbox"/>	<b>Complete Bidding Documents for the Project</b> (Sections I-V) including all Annexes, and Supplemental Bid Bulletin (SBB), if any.	<b>J</b>

REMARKS:

[ ] PASS

[ ] FAIL

Checked by:

BAC / TWG Member

**ENVELOPE NO. 2: FINANCIAL COMPONENT**

PLEASE SUBMIT THE FOLLOWING DOCUMENTS IN TRIPLICATE COPIES, ARRANGED IN ORDER, WITH LABEL AND DULY TABBED, AND USING ONLY THE PRESCRIBED BIDDING FORMS:

FINANCIAL REQUIREMENTS		
DESCRIPTION		TAB
<input type="checkbox"/>	Financial Bid Form.	A
<input type="checkbox"/>	Duly signed Bid Prices in the Bill of Quantities	B
<input type="checkbox"/>	Scope of Works of the Project	B-1
<input type="checkbox"/>	Plans, Drawings, and Designs	B-2
<input type="checkbox"/>	Duly signed Detailed Cost Breakdown including a summary sheet indicating the unit prices of construction materials, labor rates, and equipment rentals used in coming up with the Bid	C
<input type="checkbox"/>	Detailed Unit Price Analysis (DUPA)	D
<input type="checkbox"/>	Cash Flow by Quarter	E
<input type="checkbox"/>	DIGITAL COPY of <ul style="list-style-type: none"> <li>Detailed Scope of Works, Plans, Drawings, and Designs (PDF format);</li> <li>Detailed Cost Breakdown, Bill of Quantities, and Detailed Unit Price Analysis (DUPA) (Excel format);</li> <li>All the bidding documents submitted (scanned in PDF format)</li> </ul> All files saved in USB drive/flash drive. PDF files must be the exact replica of the original copy submitted.	F

NOTE: Additional Instructions

- Each and every page of the prospective bidder's Eligibility and Technical Components, whether original or certified true copy, including the brochures and manufacturer's unamended literature shall be signed/countersigned by the Bidder or his/her duly authorized representative/s. The countersignature must appear at the lower right portion of each of the pages in the bidding documents submitted using any color of pen except BLACK. To determine the bidder's compliance to said specific requirement, the duplicate copies, i.e., Copy 1 & 2, must be the exact replica of the Original Copy submitted.
- The notarization of any documentary requirement, if so required, shall comply with the 2004 Rules on Notarial Practice. As such, prospective bidders or their duly authorized representative/s are required to indicate their competent evidence of identity in any document that needs notarization. The phrase "competent evidence of identity" shall refer to the identification of an individual based on any of the following: (i) identification documents issued by an official agency bearing the photograph and signature of the individual, i.e., passport, driver's license, PRC ID, SSS ID, GSIS e-card, NBI clearance Postal ID, Voter's ID, Tax Identification Number (TIN) issued by the BIR, Barangay certification, Philhealth card, Senior Citizen's ID, OWWA ID, OFW ID, Alien Certificate of Registration/Immigration Certificate of Registration, and Government Office ID. Community Tax Certificate or "cedula" shall not be considered as competent evidence of identity.
- Use the prescribed bidding forms as provided in the bidding documents. For this purpose, PAGASA's prescribed bidding form shall be identified as bearing a watermark of the Agency's Official Logo.
- All blank spaces shall be filled in with the information requested.
- Bidders shall complete the appropriate Price Schedules included herein, stating the unit prices, total price per item, the total amount and the expected countries of origin of the Goods to be supplied under this Project, if applicable.
- Bidders shall indicate in the Detailed Cost Breakdown the rates and prices for all items/components of the Goods and/or Services described in the Schedule of Prices, if applicable, including cost of all applicable taxes. Bids not addressing or providing all of the required items in the Bidding Documents including, where applicable, Schedule of Prices, shall be considered non-responsive and, thus, automatically disqualified. Bidders may refer to item no. 15 (15.1 to 15.5), Instructions to Bidders for further information on the matter.
- ANY MISSING or UNSIGNED DOCUMENT or NON-COMPLIANCE IN THE ABOVE-MENTIONED CHECKLIST AND INSTRUCTIONS MAY BE A GROUND FOR OUTRIGHT DISQUALIFICATION USING THE NON-DISCRETIONARY "PASS/FAIL" CRITERIA.
- The PAGASA reserves the right to examine and require the submission of other documents pertaining to the bidders' statement during the post evaluation stage.
- These additional requirements and instructions shall form part of the BDS and Instructions to Bidders.

REMARKS:

[ ] PASS

[ ] FAIL

Checked by:

BAC Member

# IMPORTANT REMINDER



## PAGASA BAC WARNS THE PUBLIC AGAINST ILLEGAL SOLICITATION

The **PAGASA BAC** warns the Public/Bidders against unscrupulous individuals/groups who are illegally posing as **PAGASA** officials/employees or use the same of the agency for unauthorized / illegal solicitation.

**PAGASA BAC** strictly adheres to the provisions of R.A 6713 or the “*Code of Conduct and Ethical Standards for Public Officials and Employees*”.

**PAGASA BAC DOES NOT** and **WILL NOT** authorize or engage in any form of solicitation activities for any purpose.

The Public is requested to immediately report any incident of this spurious activity through the **PAGASA-CO Complaint Desk** at (02) 8284-0800 Local 1356 and **PBAC Secretariat** at (02) 8284-0800 Local 1357 or email us to the following email address:

**[client\\_complaints@pagasa.dost.gov.ph](mailto:client_complaints@pagasa.dost.gov.ph)**  
**[bac@pagasa.dost.gov.ph](mailto:bac@pagasa.dost.gov.ph)**

