



Government of the Republic of the Philippines
DAVAO DEL SUR STATE COLLEGE

PHILIPPINE BIDDING DOCUMENTS

PROCUREMENT OF INFRASTRUCTURE PROJECTS

For the

Construction of Ten Modular Classrooms

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

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

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

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

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

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

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Glossary of Terms, Abbreviations, and Acronyms

ABC – Approved Budget for the Contract.

ARCC – Allowable Range of Contract Cost.

BAC – Bids and Awards Committee.

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

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

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

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

CDA – Cooperative Development Authority.

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

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

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

CPI – Consumer Price Index.

DOLE – Department of Labor and Employment.

DTI – Department of Trade and Industry.

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

GFI – Government Financial Institution.

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

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

GOP – Government of the Philippines.

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

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PCAB – Philippine Contractors Accreditation Board.

PhilGEPS - Philippine Government Electronic Procurement System.

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

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

UN – United Nations.

Section I. Invitation to Bid

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 the Construction of Ten Modular Classrooms

1. The **Davao del Sur State College**, through the **Fund 164** intends to apply the sum of **Four Million Four Hundred Thirty-two Thousand Three Hundred Seventy-seven Pesos and 46/100 (Php 4,432,377.46)** being the Approved Budget for the Contract (ABC) to payments under the contract for **Construction of Ten Modular Classrooms/DSSC PSU 2021-12-009**. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The **Davao del Sur State College** now invites bids for the above Procurement Project. Completion of the Works is required within **180 calendar days**. Bidders should have completed a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
3. Bidding will be conducted through open competitive bidding procedures using non-discretionary “*pass/fail*” criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
4. Interested bidders may obtain further information from **Davao del Sur State College** and inspect the Bidding Documents at the address given below from **08:00 A.M to 05:00 P.M (Monday to Friday)** except holidays.
5. A complete set of Bidding Documents may be acquired by interested bidders on **December 1 to December 21, 2021** 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 (Php 5,000.00)*.

It may also be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS) and the website of the Procuring Entity, provided that bidders shall pay the applicable fee for the Bidding Documents not later than the submission of their bids.

Bidders shall pay the applicable fee for the Bidding Documents not later than the submission of their bids in any of the following payments options:

- Over-the-counter payment at DSSC-Cashier’s office, Brgy. Matti, Digos City, Davao del Sur;
- Over-the-counter deposit at Land Bank of the Philippines (LBP) Account No. – 0332-1103-65.

Prior to payment, bidders are advised to coordinate first with the BAC Chairperson, Engr. EDUARDO F. AQUINO, through mobile phone at (+63)948 270 7001 for the issuance of the “Payment Order” and instructions.

6. The **Davao del Sur State College** will hold a Pre-Bid Conference on **December 09, 2021 (01:00 P.M.)** at **Davao del Sur State College, Brgy. Matti, Digos City, Davao del Sur**, which shall be open only to all interested parties who have purchased the Bidding Documents but limited to one (1) physically present representative per bidder only. The Pre-bid Conference is likewise accessible online via **Zoom through the following link:**

<https://us02web.zoom.us/j/86815286155?pwd=L3Uxb0hXOHZDUTBY2I5N0JJejhXZz09>

7. Bids must be duly received by the BAC Secretariat through manual submission at the office address as indicated below, on or before **December 21, 2021 (01:00 P.M.)**. Late bids shall not be accepted.
8. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 16.
9. Bid opening shall be on **December 21, 2021 (01:00 P.M.)** at **Davao del Sur State College, Brgy. Matti, Digos City, Davao del Sur**, which shall be accessible also online via **Zoom through the following link:**

<https://us02web.zoom.us/j/83892147965?pwd=cFZtYk5ZVGUzMDBmU1dGdG96T1J3UT09>

Bids will be opened in the presence of the bidders' representatives who choose to attend at the address below. **Only one (1) representative of the Bidder shall be allowed to physically attend in the opening of bids.** Late bids shall not be accepted.

10. The **Davao del Sur State College** 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:

EDUARDO F. AQUINO, MS
Chairperson, Bids and Awards Committee
Brgy. Matti, Digos City, Davao del Sur
Mobile No. (+63)948 270 7001
E-mail Address: **psu@dssc.edu.ph**


EDUARDO F. AQUINO, MS
Chairperson, Bids and Awards Committee

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, **Davao del Sur State College** invites Bids for the “**Construction of Ten Modular Classrooms**” with Project Identification Number **DSSC PSU 2021-12-009**.

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

2. Funding Information

21. The GOP through the source of funding as indicated below for **2021** in the amount of **Four Million Four Hundred Thirty-two Thousand Three Hundred Seventy-seven Pesos and 46/100 (Php 4,432,377.46)**

22. The source of funding is:

a. GOCC and GFIs, the Corporate Operating Budget.

3. Bidding Requirements

The Bidding for the Project shall be governed by all the provisions of RA No. 9184 and its 2016 revised IRR, including its Generic Procurement Manual and associated policies, rules and regulations as the primary source thereof, while the herein clauses shall serve as the secondary source thereof.

Any amendments made to the IRR and other GPPB issuances shall be applicable only to the ongoing posting, advertisement, or invitation to bid by the BAC through the issuance of a supplemental or bid bulletin.

The Bidder, by the act of submitting its Bid, shall be deemed to have inspected the site, determined the general characteristics of the contracted Works and the conditions for this Project, such as the location and the nature of the work; (b) climatic conditions; (c) transportation facilities; (c) nature and condition of the terrain, geological conditions at the site communication facilities, requirements, location and availability of construction aggregates and other materials, labor, water, electric power and access roads; and (d) other factors that may affect the cost, duration and execution or implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

4. Corrupt, Fraudulent, Collusive, Coercive, and Obstructive Practices

The Procuring Entity, as well as the Bidders and Contractors, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and obstructive practices defined under Annex “I” of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

5. Eligible Bidders

51. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
52. 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**.
53. 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.
54. 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:

- a. Subcontracting is not allowed.
- 7.1. *[If Procuring Entity has determined that subcontracting is allowed during the bidding, state:]* The Bidder must submit together with its Bid the documentary requirements of the subcontractor(s) complying with the eligibility criteria stated in **ITB** Clause 5 in accordance with Section 23.4 of the 2016 revised IRR of RA No. 9184 pursuant to Section 23.1 thereof.
 - 7.2. *[If subcontracting is allowed during the contract implementation stage, state:]* The Supplier may identify its subcontractor during the contract implementation stage. Subcontractors identified during the bidding may be changed during the implementation of this Contract. Subcontractors must submit the documentary requirements under Section 23.1 of the 2016 revised IRR of RA No. 9184 and comply with the eligibility criteria specified in **ITB** Clause 5 to the implementing or end-user unit.

- 7.3. Subcontracting of any portion of the Project does not relieve the Contractor of any liability or obligation under the Contract. The Supplier will be responsible for the acts, defaults, and negligence of any subcontractor, its agents, servants, or workmen as fully as if these were the Contractor's own acts, defaults, or negligence, or those of its agents, servants, or workmen.

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/webcasting} as indicated in paragraph 6 of the **IB**.

9. Clarification and Amendment of Bidding Documents

Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such requests must be in writing and received by the Procuring Entity, either at its given address or through electronic mail indicated in the **IB**, at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.

10. Documents Comprising the Bid: Eligibility and Technical Components

101. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section IX. Checklist of Technical and Financial Documents**.
102. 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.
103. A valid PCAB License is required, and in case of joint ventures, a valid special PCAB License, 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**.
104. 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**.
105. 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:

- a. 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**.

152. The Bid and bid security shall be valid until *120 days* from 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 copy 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.

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

17. Deadline for Submission of Bids

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

18. Opening and Preliminary Examination of Bids

- 18.1. The BAC shall open the Bids in public at the time, on the date, and at the place specified in paragraph 9 of the **IB**. The Bidders' representatives who are present shall sign a register evidencing their attendance. In case videoconferencing, webcasting or other similar technologies will be used, attendance of participants shall likewise be recorded by the BAC Secretariat.

In case the Bids cannot be opened as scheduled due to justifiable reasons, the rescheduling requirements under Section 29 of the 2016 revised IRR of RA No. 9184 shall prevail.

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

19. Detailed Evaluation and Comparison of Bids

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

- 19.2. If the Project allows partial bids, all Bids and combinations of Bids as indicated in the **BDS** shall be received by the same deadline and opened and evaluated simultaneously so as to determine the Bid or combination of Bids offering the lowest calculated cost to the Procuring Entity. Bid Security as

required by **ITB** Clause 15 shall be submitted for each contract (lot) separately.

193. In all cases, the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184 must be sufficient for the total of the ABCs for all the lots participated in by the prospective Bidder.

20. Post Qualification

Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS), and other appropriate licenses and permits required by law and stated in the **BDS**.

21. Signing of the Contract

The documents required in Section 37.2 of the 2016 revised IRR of RA No. 9184 shall form part of the Contract. Additional Contract documents are indicated in the **BDS**.

Section III. Bid Data Sheet

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><i>Construction of Ten (10) Modular Classroom</i></p>
7.1	Sub-contracting is not allowed.
10.1	<p>The following documents shall be part of the Technical Documents under Technical Component Envelope:</p> <ol style="list-style-type: none"> 1. Attachment for Ongoing Government and Private Contracts such as Notice of Award and/or Contract, Purchase Order and Delivery receipt or Sales Invoice. 2. The statement of the Bidder's SLCC shall be supported by the Notice of Award and/or Notice to Proceed, Project Owner's Certificate of Final Acceptance issued by the Owner other than the Contractor or the Constructors Performance Evaluation System (CPES) Final Rating, which must be at least satisfactory. In case of contracts with the private sector, an equivalent document shall be submitted 3. Duly Signed Manpower Utilization Schedule 4. Duly Signed Key Personnel Certificate / Contract of Employment 5. Duly Signed Key Personnel Bio-Data with PRC License/ Accreditation & Latest Professional Tax Receipt (PTR) 6. Certificate of Site Inspection
10.3	Prospective Bidder should possess a valid PCAB license minimum category requirement category for this Project is license category C & D or size range Small B
10.4	<p>The key personnel must meet the required minimum years of experience set below:</p> <ol style="list-style-type: none"> 1. PROJECT ENGINEER (1) <ol style="list-style-type: none"> i. Licensed Civil Engineer ii. At least 5 years of experience in construction management 2. CONSTRUCTION SAFETY OFFICER (1) <ol style="list-style-type: none"> i. Certified COSH, BOSH, HIRAC officer ii. DOLE accredited/trained 3. ELECTRICAL ENGINEER (1)

	<ul style="list-style-type: none"> i. Licensed Electrical Engineer ii. At least 5 years of experience 																				
10.5	<p>The minimum major equipment requirements are the following:</p> <table border="1"> <thead> <tr> <th><u>Equipment</u></th> <th><u>Number of Units (of at least)</u></th> </tr> </thead> <tbody> <tr> <td>Excavator equipment</td> <td>1</td> </tr> <tr> <td>1 bagger Cement Mixer</td> <td>1</td> </tr> <tr> <td>Cut-off Machine</td> <td>1</td> </tr> <tr> <td>Drill Machine</td> <td>1</td> </tr> <tr> <td>Grinder Machine</td> <td>1</td> </tr> <tr> <td>Vibrator Machine</td> <td>1</td> </tr> <tr> <td>Welding Machine</td> <td>1</td> </tr> <tr> <td>Compactor Machine (Roller)</td> <td>1</td> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table>	<u>Equipment</u>	<u>Number of Units (of at least)</u>	Excavator equipment	1	1 bagger Cement Mixer	1	Cut-off Machine	1	Drill Machine	1	Grinder Machine	1	Vibrator Machine	1	Welding Machine	1	Compactor Machine (Roller)	1		
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Welding Machine	1																				
Compactor Machine (Roller)	1																				
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"> a. The amount of not less than Eighty-eight Thousand Six Hundred Forty-seven Pesos and 55/100 <i>[two percent (2%) of ABC]</i>, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; b. The amount of not less than Two Hundred Twenty-one Thousand Six Hundred Eighteen Pesos and 87/100 <i>[five percent (5%) of ABC]</i> if bid security is in Surety Bond. 																				
20	<ul style="list-style-type: none"> a. Latest and updated Tax Clearance b. Latest and updated PhilGEPS Platinum Membership Certificate c. Bidders must submit latest and updated tax returns filed through the Electronic Filing and Payments System (EFPS). 																				
21	<p>Additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity, such as construction schedule manpower schedule, construction methods, equipment utilization schedule, construction safety and health program approved by the DOLE, and other acceptable tools of project scheduling.</p>																				

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

31 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.

32 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

51. 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.
52. 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

71. 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.
72. 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

151. If required, the Contractor will provide “as built” Drawings and/or operating and maintenance manuals as specified in the **SCC**.

152. 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	<i>Not Applicable</i>
4.1	The Procuring Entity shall give possession of all parts of the Site to the Contractor Upon receipt of Notice to Proceed.
6	The site investigation reports are: <i>NONE</i>
7.2	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: Five (5) years.
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 5 calendar days of delivery of the Notice of Award.
11.2	The amount to be withheld for late submission of an updated Program of Work is P 5,000.00.
13	The amount of the advance payment is fifteen (15%) percent of the Contract Price upon approval of the Notice to Proceed.
14	Materials and equipment delivered on the site but completely put in place shall be included for payment.

Section VI. Performance Specifications and Parameters

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.

Name of the Project: **Construction of 10 Modular Classroom**

Location: DSSC- Digos Campus, Digos City, Davao del Sur

SCOPE OF WORK

- Mobilization.
- Site clearing and preparation.
- Install temporary fencing.

Item I: Excavation

- Uprooting of trees
- Staking out of building, establishment of lines, grades and benchmarks.
- Install batter boards and scaffoldings.
- Excavation of footings.

Item II: Embankment

- Soil embankment.
- Laying of gravel base for footings and slab on fill.

Item III: Masonry and Plastering works

- Cutting and bending of deformed bars for concrete hollow blocks.
- Laying of concrete hollow blocks.
- Cement Plastering works.

Item IV: Reinforced concrete works

- Cutting and bending of deformed bars for footings, pedestals and slab on fill.
- Fabricate pedestal forms.
- Install deformed bar reinforcements on footings, pedestal and slab on fill.
- Concrete pouring on footings, pedestal and slab on fill.

Item V: Doors

- Install wooden doorjamb.
- Install door and all its accessories e.g. hinges, doorknobs and door catch.

Item VI: Steel works

- Fabricate steel matting on square tube for classroom walling.
- Fabricate steel trusses and install.
- Install base plate for steel columns.

- Erect steel columns and steel walling studs.
- Install steel purlins, sag rod and fascia frame.

Item VII: Carpentry works

- Install scaffolding for ceiling works.
- Install metal ceiling framings e.g. wall angle, metal furring, carrying channel.
- Install vinyl soffit and ventilated for interior and exterior ceiling respectively.
- Install G.I. wire spaced at 30cm diagonal for harvifoil roof insulation.

Item VIII: Roofing works

- Install pre-painted long span rib type roofing sheets.
- Install pre-painted pre-moulded G.I. ridge roll.
- Apply roofs sealant whenever necessary.

Item IX: Painting works

- Apply epoxy enamel black for all steel matting and square tube.
- Apply zinc chromate (yellow) for all steel e.g. purlins, rectangular tube, angle bar, base plate, flat bar, plain round bar.
- Apply concrete primer on all fiber cement board walling and fascia frame.
- Apply jointing compound and perforated tape for fiber cement board.
- Apply cast putty.
- Apply two (2) coats of topcoat elastomeric paint.
- Apply paint on all wooden doors and doorjambs.

Item X: Electrical works

- Install all electrical roughing –in and wirings.
- Install all lightings, switches, convenience outlets and panel boards with aircircuit breakers

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.]

TABLE OF CONTENTS		SHEET CONTENTS	
SHEET NO.	SHEET CONTENTS	SHEET NO.	SHEET CONTENTS
A-1	PERSPECTIVE SITE DEVELOPMENT PLAN LOCATION PLAN	A-1	PERSPECTIVE SITE DEVELOPMENT PLAN LOCATION PLAN
A-2	FLOOR PLAN ROOF PLAN ELEVATION RIGHT SIDE ELEVATION	A-2	LAND USE & ZONING
A-3	FRONT ELEVATION LEFT SIDE ELEVATION	A-3	LINE & GRADE
B-1	FOUNDATION PLAN POOR FLOORING PLAN PAINT FLOORING PLAN PAINT FLOORING DETAIL	B-1	ARCHITECTURAL
B-2	TRUSS DETAIL ROOF CONNECTION DETAIL ROOF TO WALL CONNECTION ZEPHYRUS CONNECTION DETAIL "A" DETAIL "B" DETAIL "C" STEPS DETAIL	B-2	STRUCTURAL
E-1	LIGHTING LAYOUT POWER LAYOUT	E-1	SANITARY
E-2	GENERAL NOTES ELECTRICAL SYMBOLS MECHANICAL SYMBOLS SANITARY SYMBOLS AND COMPANIONS LIGHTING FIXTURES	E-2	ELECTRICAL
			MECHANICAL

1 PERSPECTIVE
A 1 DRAWN NOT TO SCALE

2 SITE DEVELOPMENT PLAN
A 1 DRAWN NOT TO SCALE

3 LOCATION PLAN
A 1 DRAWN NOT TO SCALE

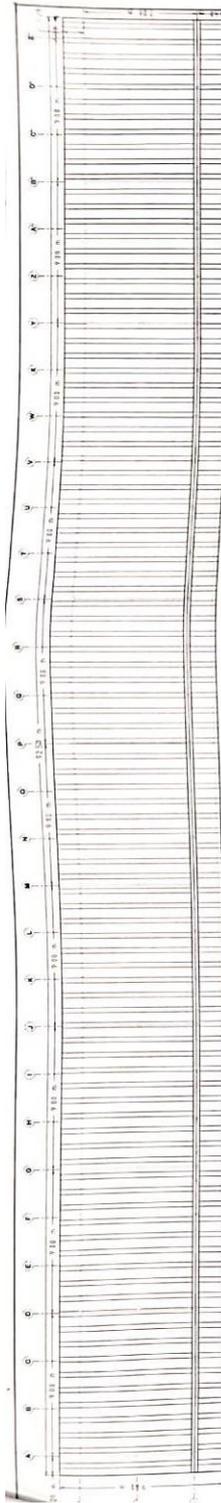
APPROVED BY: **ALONSO FUENTES, PH.D.**
PROJECT DIRECTOR

ENRIQUE CLARA A. ACEBES
PROJECT DIRECTOR

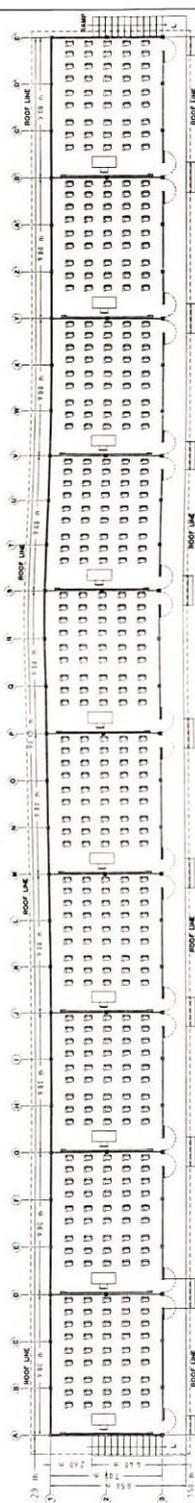
PREPARED BY: **EMMANUELLE G. ALCONA**
PROJECT DIRECTOR

PROJECT TITLE: **PROPOSED 15 MODULAR CLASSROOMS**
COLLEGE CAMPUS UNIT 1 MATRI 2009
CITY: DAVAO DEL SUR

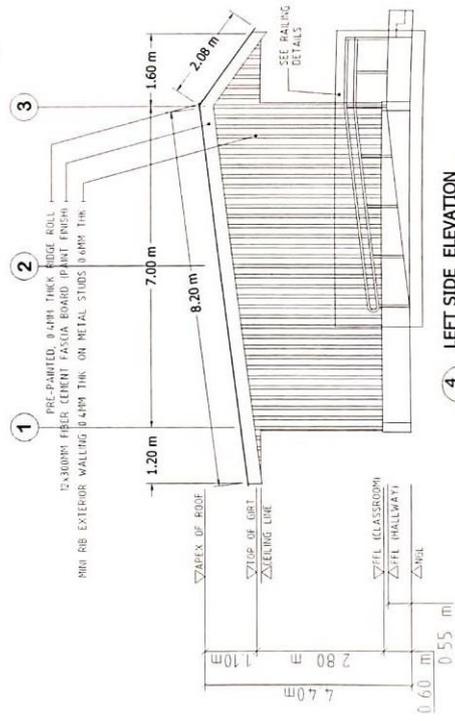
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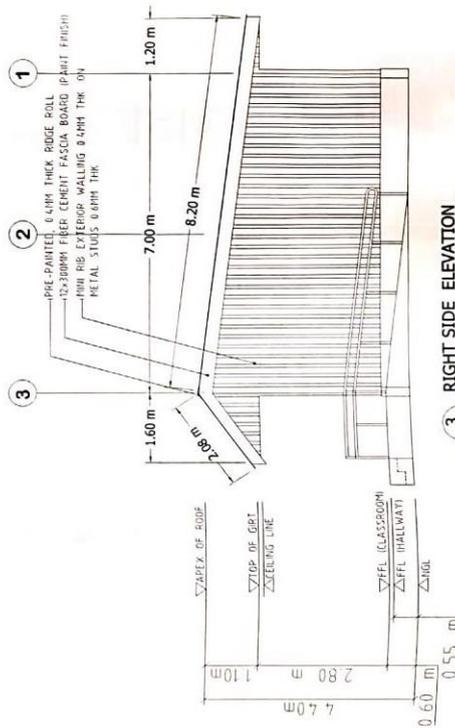
1 A2 ROOF PLAN
DRAWN NOT TO SCALE



2 A2 FLOOR PLAN
DRAWN NOT TO SCALE

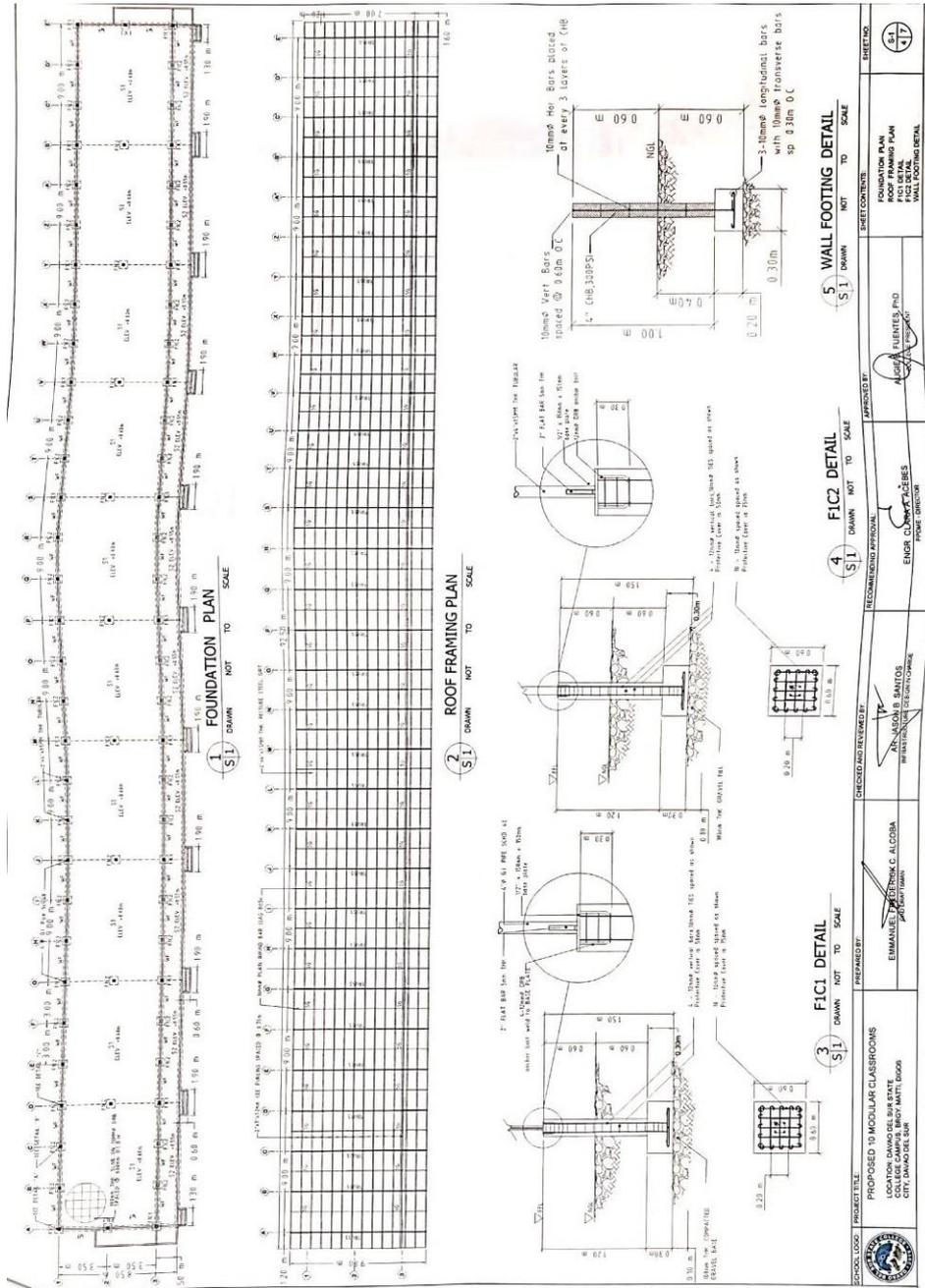


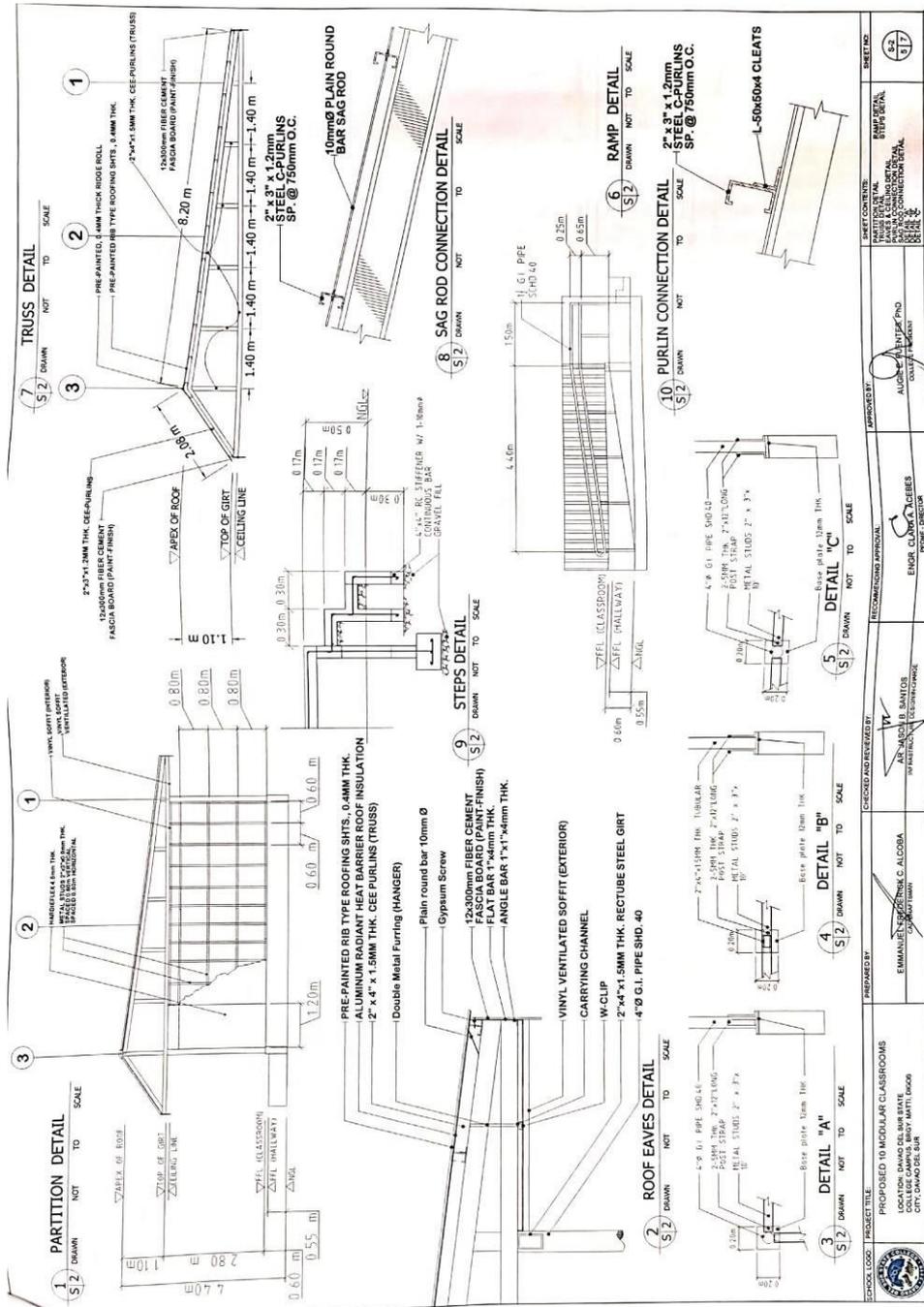
4 A3 LEFT SIDE ELEVATION
1:80 MTS SCALE



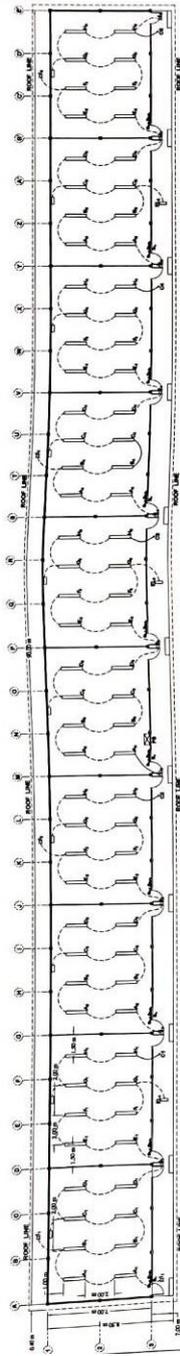
3 A3 RIGHT SIDE ELEVATION
1:80 MTS SCALE

CHECK LOGO PROJECT TITLE  PROPOSED 10 MODULAR CLASSROOMS LOCATION: DAVAO DEL SUR STATE COLLEGE CAMPUS (BRYANT MATI DOGS CITY, DAVAO DEL SUR)	PREPARED BY EMMANUEL FREDERICK C. ALCOBA ARCHITECT	CHECKED AND REVIEWED BY DR. JASMIN B. SANTOS IN-CHARGE, OFFICE OF DIVISION OFFICER	RECOMMENDING APPROVAL  ENGR. CLARA A. ACEBES PRINCIPAL - DIRECTOR	APPROVED BY  ALDRE E. FUENTES, P.D. ARCHITECT	SHEET COMMENTS FLOOR PLAN LEFT SIDE ELEVATION RIGHT SIDE ELEVATION	SHEET NO. A2 217
	SHEET SCALE: 1:80 MTS					

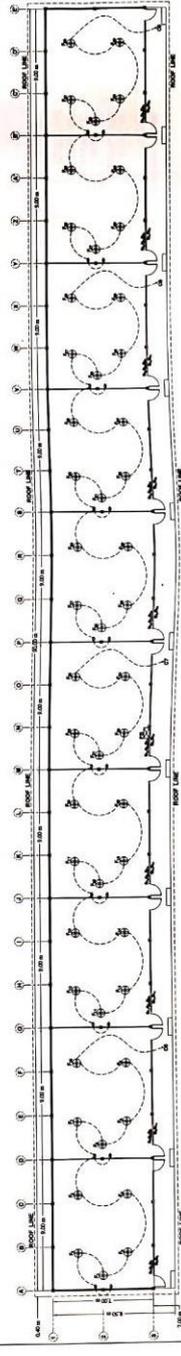




CHECKED BY: PROJECT TITLE: PROPOSED 10 MODULAR CLASSROOMS LOCATION: DAMAO DEL BARRIO STATE COLLEGE CAMPUS CITY: DAMAO DEL SUR	PREPARED BY: ENGINEER: EMMANUEL B. SANTOS REGISTERED PROFESSIONAL ENGINEER	RECOMMENDING PERSONNEL: ENGINEER: ALBERTO S. BAYAN REGISTERED PROFESSIONAL ENGINEER	APPROVED BY: REGISTERED PROFESSIONAL ENGINEER	SHEET NO.: 52 OF 77
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1 LIGHTING LAY-OUT
 DRAWN NOT TO SCALE



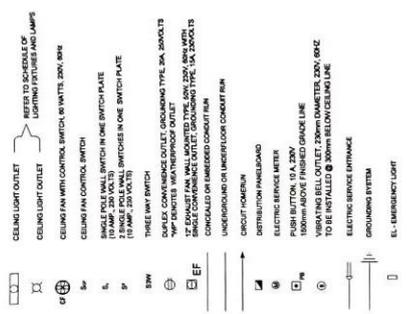
2 POWER LAY-OUT
 DRAWN NOT TO SCALE

SCHOOL LOGO: 	PROJECT TITLE	PREPARED BY	CHECKED AND REVIEWED BY	RECOMMENDING APPROVAL	APPROVED BY	SHEET CONTAINER
	PROPOSED 10 MODULAR CLASSROOMS LOCATION: DAWAO DEL SUR STATE COLLEGE CAMPUS, BRGY. MATIL, Digos CITY, DAVAO DEL SUR	EMMANUEL FERRERICK C. ALCOBA <small>PROJECT TEAM</small>	ENGR. JAMES C. VACILADO <small>ELECTRICAL PLANNING ENGINEER</small>	ENGR. CLARA M. GONZALEZ <small>PROJECT DIRECTOR</small>	ALICE EJENTES, PhD <small>REGISTERED ELECTRICAL ENGINEER</small>	POWER LAY-OUT LIGHTING LAY-OUT

GENERAL NOTES:

1. ALL ELECTRICAL WORKS SHALL BE DONE IN ACCORDANCE WITH THE PHILIPPINE ELECTRICAL CODE, EXISTING APPLICABLE ORDINANCES, RULES AND REGULATIONS OF THE LOCAL GOVERNMENT AND WITH THE REQUIREMENTS OF THE LOCAL POWER COMPANY.
2. THE TYPE OF SERVICE POWER SUPPLY TO BE USED SHALL BE SINGLE-PHASE, 2 WIRE, 200V, 60 HERTZ, AC.
3. THE CONTRACTOR SHALL VERIFY AND ORIENT THE ACTUAL LOCATION OF THE SERVICE POINT FOR CONNECTION TO THE POWER COMPANY SERVICE POINT.
4. UNLESS OTHERWISE SPECIFIED, THE MINIMUM SIZE OF WIRE AND GALVANIZED RIGID STEEL CONDUIT TO BE USED SHALL BE 3.5mm² THIN AND 15mm NOMINAL DIAMETER RESPECTIVELY, UNLESS OTHERWISE SPECIFIED. ALL ELECTRICAL WIRES SHALL BE COLOR-CODED.
5. LIGHTING CIRCUIT WORKINGS AND CONDUITS SIZE SHALL BE WIRE WITH NOT LESS THAN 1.5 AMP IN SIZE.
6. WHEREVER REQUIRED AND NECESSARY, PULL OR JUNCTION BOXES SHALL BE INSTALLED AT CONVENIENT AND ACCESSIBLE LOCATIONS. THE LOCATION, TYPE AND SIZE SHALL BE AS SPECIFIED IN THE PLAN, NOT MENTIONED IN THE SPECIFICATIONS.
7. ALL NON-CURRENT CARRYING METAL PARTS OF ELECTRICAL EQUIPMENT SHALL BE PROPERLY GROUNDED IN ACCORDANCE WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE.
8. ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND OF THE APPROVED TYPE OR EQUIVALENT APPROVE.
9. STANDARD TYPE OF CONDUITS, WIRE AND WIRE BUNDLES SHALL BE USED. ALL CONDUITS AND WIRE BUNDLES FOR THE ENTIRE ELECTRICAL INSTALLATION SHALL BE USED.
10. ALL WALL OUTLETS SHALL BE INSTALLED AT THE FOLLOWING HEIGHTS ABOVE THE FINISHED FLOOR LEVEL, UNLESS NOTED IN THE PLAN.
 - a) WALL SWITCHES @ 1300mm
 - b) WALL CONVENIENCE OUTLETS @ 300mm
11. ALL ELECTRICAL WORKS SHALL BE DONE UNDER THE DIRECT AND IMMEDIATE SUPERVISION OF A DULY REGISTERED ELECTRICAL ENGINEER.

ELECTRICAL SYMBOLS:



SCHEDULE OF LOADS AND COMPUTATIONS:

DISTRIBUTION PANELBOARD * DP **

CCT. NO.	LOAD DESCRIPTION	US. SC. OUTLETS	UNIT VA	TOTAL VA	VOLTAGE	CURRENT	TRIP PROTECTION	CABLE AND PIPING SIZE
1	LIGHTING OUTLET 1	22	100	2200	230	9.57 A	15 AT	2.0 mm ² IN 15 mm PVC PIPE
2	LIGHTING OUTLET 2	21	100	2100	230	9.13 A	15 AT	2.0 mm ² IN 15 mm PVC PIPE
3	LIGHTING OUTLET 3	21	100	2100	230	9.13 A	15 AT	2.0 mm ² IN 15 mm PVC PIPE
4	LIGHTING OUTLET 4	21	100	2100	230	9.13 A	15 AT	2.0 mm ² IN 15 mm PVC PIPE
5	LIGHTING OUTLET 5	21	100	2100	230	10.05 A	15 AT	2.0 mm ² IN 15 mm PVC PIPE
6	CONVENIENCE OUTLET 1	14	160	2240	230	10.96 A	20 AT	3.5 mm ² IN 20 mm PVC PIPE
7	CONVENIENCE OUTLET 2	21	180	3780	230	16.43 A	20 AT	3.5 mm ² IN 20 mm PVC PIPE
8	CONVENIENCE OUTLET 3	21	180	3780	230	16.43 A	20 AT	3.5 mm ² IN 20 mm PVC PIPE
9	CONVENIENCE OUTLET 4	14	160	2240	230	10.96 A	20 AT	3.5 mm ² IN 20 mm PVC PIPE
10	SPARE			2000	230	8.69 A		
11	SPARE			2000	230	8.69 A		
12	SPARE			2000	230	8.69 A		

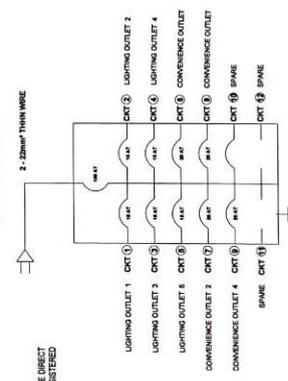
CURRENT = TOTAL CURRENT x DEMAND FACTOR
 = 127.61 A x 9.8
 = 102.06 A
 USE 2 - 22 mm² THIN COPPER WIRE
 USE 100 AT MAIN CIRCUIT BREAKER

SCHEDULE OF LIGHTING FIXTURES AND LAMPS:

SYMBOLS	DESCRIPTION	INSTALLATION
□	ONE (1)-20W T8 LED TUBE BATTEN TYPE	SURFACED CEILING MOUNTED
○	ONE (1)-15W LED BULB	SURFACED CEILING MOUNTED

NOTE: ALL ALUMINUM LIGHTING FIXTURES SHALL BE EQUIPPED WITH A HIGH POWER FACTOR, ELECTRONIC BALLAST AND TUBE COMPLETE WITH ALL NECESSARY ACCESSORIES, WIRED AND PIPED TO PLACE.

RISER DIAGRAM



SCHOOL LOGO:

PROJECT TITLE: PROPOSED TO MODULAR CLASSROOMS
 LOCATION: DAUAG DEL BAR STATE UNIVERSITY - MARIKINA CITY
 CITY: DAUAG DEL BAR

PREPARED BY: EMANUEL P. TORRES, C. ALDORA
 ELECTRICAL ENGINEER

CHECKED AND REVIEWED BY: ENGR. JAMES C. VAGLELAND
 ELECTRICAL ENGINEER

APPROVED BY: AUGIE M. RENTES, PhD
 CIVIL ENGINEER

RECOMMENDING APPROVAL: ENGR. CESAR C. GARCIA
 CIVIL ENGINEER

SCALE: CONFORMS TO ELECTRICAL SYMBOLS SCHEDULE OF LOADS AND COMPUTATIONS SCHEDULE OF LIGHTING FIXTURES AND LAMPS

SHEET NO: 62
 TOTAL SHEETS: 7/17

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.

CONTRACT ID NO. : DSSC PSU 2021-12-009
 NAME OF PROJECT : Proposed 10 Modular Classrooms
 LOCATION : DSSC Digos Campus, Digos City, Davao del Sur
 APPROVED BUDGET FOR THE PROJECT : Php 4,432,377.46

TOTAL PROJECT DURATION : 180 Calendar Days

BILL OF QUANTITIES (BOQ)

ITEM DESCRIPTION	QUANTIT Y	UNIT	UNIT COST (in Php)	TOTAL AMOUNT (in Php)
ITEM I: EXCAVATION				
Excavation	66	cu.m		
ITEM II - EARTHWORKS				
Embankment	461	cu.m		
ITEM III- MASONRY AND PLASTERING WORKS				
Masonry Works	280	sq.m		
ITEM IV - REINFORCED CONCRETE				
Reinforcing Steel				
a. 10mm dia. Def.bar x 6.0m	337	pcs		
c. 12mm dia. Def.bar x 6.0m	178	pcs		
Reinforced Concrete	27	cu.m		
ITEM V - DOORS				
Wooden Doors and Door Jambs	20	pcs		
ITEM VI - STEEL WORKS				
Steel Works	1029	pcs		
ITEM VII- CARPENTRY WORKS				
Carpentry Works	1511	sq.m		
ITEM VIII - ROOFING WORKS				
Pre-painted Rib Type Roofing	974	ln.m		
ITEM IX - PAINTING WORKS				
Painting of all steels	1380	sq.m		
Partition Walls, Doors & Jambs	685	sq.m		
ITEM X- ELECTRICAL WORKS				
Electrical Works	165	outlets		

ITEM XI - MOBILIZATION	1	lot		
ITEM XII - CONSTRUCTION SAFETY AND HEALTH	1	lot		
ITEM XIII - PROCESSING OF BUILDING PERMIT & OTHER CLEARANCE/S	1	lot		
ITEM XIV - PROJECT BILLBOARD & SIGNAGES	1	lot		
TOTAL AMOUNT				

Prepared by :

Name and Signature of Bidder

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 Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class “A” Documents

Legal Documents

- (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);
or
- (b) Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document;
and
- (c) Mayor’s or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas;
and
- (e) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

Technical Documents

- (f) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**
- (g) Statement of the bidder’s Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules;
and
- (h) Philippine Contractors Accreditation Board (PCAB) License;
or
Special PCAB License in case of Joint Ventures;
and registration for the type and cost of the contract to be bid; **and**
- (i) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;
or
Original copy of Notarized Bid Securing Declaration; **and**
- (j) Project Requirements, which shall include the following:
 - a. Organizational chart for the contract to be bid;
 - b. List of contractor’s key personnel (*e.g.*, Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data;
 - c. List of contractor’s major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership or certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be; **and**
- (k) Original duly signed Omnibus Sworn Statement (OSS);

and if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

Financial Documents

- (l) The prospective bidder's audited financial statements, showing, among others, the prospective bidder's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; **and**
- (m) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC).

Class "B" Documents

- (n) If applicable, duly signed joint venture agreement (JVA) in accordance with RA No. 4566 and its IRR in case the joint venture is already in existence; **or** duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

II. FINANCIAL COMPONENT ENVELOPE

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

Other documentary requirements under RA No. 9184

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

