



Republic of the Philippines
Department of Education
REGION VII – central visayas
SCHOOLS DIVISION OF NEGROS ORIENTAL

PHILIPPINE BIDDING DOCUMENTS

**CY 2024 Last Mile Schools Program – Lot 2
(Construction of One (1) Storey – Two (2)
Classroom School Building with Common
Toilet, Provision of Rainwater Collector, School
Furniture, Solar PV Energy System and Water
System at Panusuan ES, Amlan, Negros
Oriental)**

ITB 2023-11-146

(Early Procurement Activity)

Government of the Republic of the Philippines

**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.

TABLE OF CONTENTS

Glossary of Terms, Abbreviations, and Acronyms	5
SECTION I. INVITATION TO BID	8
SECTION II. INSTRUCTIONS TO BIDDERS.....	12
1. Scope of Bid.....	13
2. Funding Information	13
3. Bidding Requirements.....	13
4. Corrupt, Fraudulent, Collusive, Coercive, and Obstructive Practices	14
5. Eligible Bidders.....	14
6. Origin of Associated Goods	14
7. Subcontracts	14
8. Pre-Bid Conference.....	15
9. Clarification and Amendment of Bidding Documents	15
10. Documents Comprising the Bid: Eligibility and Technical Components	15
11. Documents Comprising the Bid: Financial Component	16
12. Alternative Bids	16
13. Bid Prices	16
14. Bid and Payment Currencies	16
15. Bid Security.....	16
16. Sealing and Marking of Bids.....	17
17. Deadline for Submission of Bids	17
18. Opening and Preliminary Examination of Bids	17
19. Detailed Evaluation and Comparison of Bids	17
20. Post Qualification.....	18
21. Signing of the Contract	18
SECTION III. BID DATA SHEET	19
SECTION IV. GENERAL CONDITIONS OF CONTRACT	30
1. Scope of Contract.....	31
2. Sectional Completion of Works	31
3. Possession of Site.....	31
4. The Contractor’s Obligations.....	31

5.	Performance Security	32
6.	Site Investigation Reports	32
7.	Warranty.....	32
8.	Liability of the Contractor.....	32
9.	Termination for Other Causes.....	33
10.	Dayworks	33
11.	Program of Work.....	33
12.	Instructions, Inspections and Audits	33
13.	Advance Payment.....	33
14.	Progress Payments	34
15.	Operating and Maintenance Manual	34
SECTION V. SPECIAL CONDITIONS OF CONTRACT.....		35
SECTION VI. SPECIFICATIONS		37
SECTION VII. DRAWINGS.....		109
SECTION VIII. BILL OF QUANTITIES.....		155
SECTION IX. CHECKLIST OF TECHNICAL AND FINANCIAL DOCUMENTS		158
BIDDING FORMS		159
ANNEXES		176

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.



Republic of the Philippines
Department of Education
REGION VII – central visayas
SCHOOLS DIVISION OF NEGROS ORIENTAL

Invitation to Bid
for
CY 2024 Last Mile Schools Program – Lot 2 (Construction of One (1) Storey – Two (2) Classroom School Building with Common Toilet, Provision of Rainwater Collector, School Furniture, Solar PV Energy System and Water System at Panusuan ES, Amlan, Negros Oriental)

1. The **Department of Education - Schools Division of Negros Oriental**, through its Bids and Awards Committee (BAC), for its CY 2024 Early Procurement Activity (EPA), with reference to a DepEd Memorandum dated 3 October 2023, entitled, “Conduct of 2024 Early Procurement Activity (EPA) for the Various Sub-project Components of the Basic Education Facilities Fund and Last Mile Schools Program, intends to apply the sum of **Fifteen Million Five Hundred Forty Six Thousand Six Hundred Twenty Four and 18/100 Pesos (Php15,546,624.18)** being the Approved Budget for the Contract (ABC) to payments under the contract for **CY 2024 Last Mile Schools Program – Lot 2 (Construction of One (1) Storey – Two (2) Classroom School Building with Common Toilet, Provision of Rainwater Collector, School Furniture, Solar PV Energy System and Water System at Panusuan ES, Amlan, Negros Oriental)** with project ID no.: ITB 2023-11-146. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The **Department of Education - Schools Division of Negros Oriental** now invites bids for the above Procurement Project. Completion of the Works is required **One Hundred Twenty (120) 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 the **Department of Education - Schools Division of Negros Oriental** and inspect the Bidding Documents at the address given below from **8:00 AM to 5:00 PM (Monday to Friday)**.
5. A complete set of Bidding Documents may be acquired by interested bidders on **November 9, 2023 and until the opening of bids** from given address 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 **Twenty Five Thousand Pesos Only (Php25,000.00)**.

Interested bidders may pay the applicable fees in person or deposit their payment for the Bidding Document to our Development Bank of the Philippines (DBP) account, details as follows:

Account Name: DepEd, Division of Negros Oriental
Account Number: 0-00160-740-1

The bidder must present its proof of payment for the fees in person or email its proof of payment to this email address: **negros.oriental@deped.gov.ph** before the specified date and time of the bid opening. Payments will be verified with the bank.

6. The **Department of Education - Schools Division of Negros Oriental** will hold a Pre-Bid Conference¹ on **9:30 A.M., November 16, 2023** at the 3rd Floor Conference Room, DepEd, Schools Division of Negros Oriental, Kagawasan Avenue, Capitol Area, Daro, Dumaguete City and/or through videoconferencing/webcasting via Microsoft Teams link which shall be open to prospective bidders:

<https://bit.ly/2024LMSprebid>



SCAN ME

7. Bids must be duly received by the BAC Secretariat through manual submission at the office address as indicated below, on or before **9:30 A.M., November 28, 2023**. 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 15.
9. Bid opening shall be on **9:30 A.M., November 28, 2023** at the 3rd Floor Conference Room, DepEd, Schools Division of Negros Oriental, Kagawasan Avenue, Capitol Area, Daro, Dumaguete City and/or through videoconferencing/webcasting via Microsoft Teams link:

<https://bit.ly/2024LMSbidopening>



SCAN ME

Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.

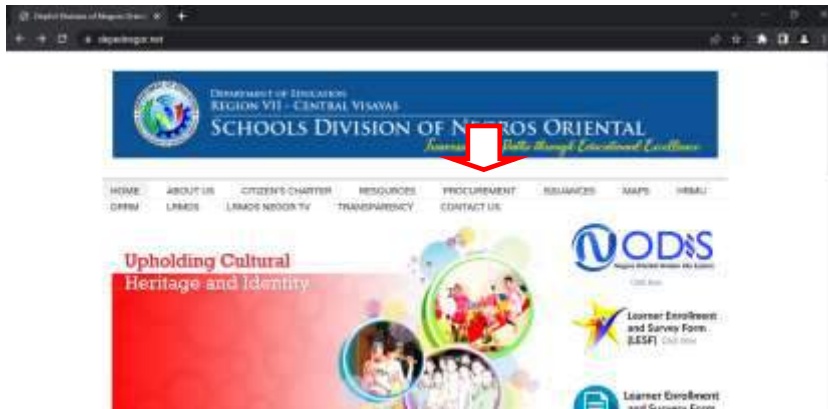
10. The **Department of Education - Schools Division of Negros Oriental** reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at

¹ 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.

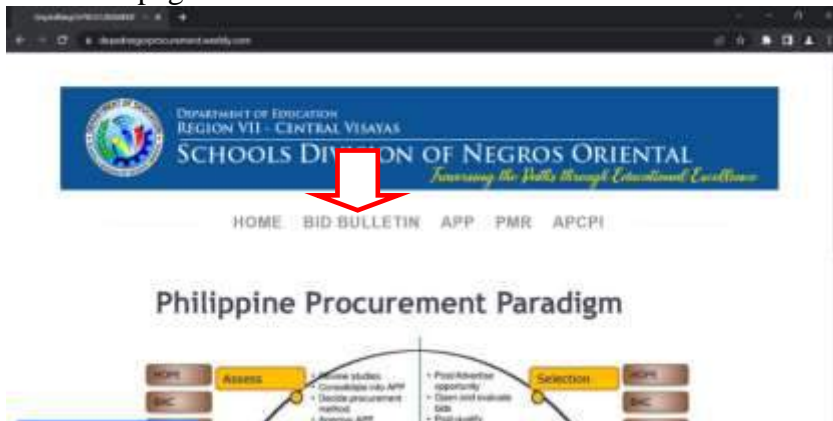
any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised Implementing Rules and Regulations (IRR) of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.

11. For further information, please refer to: **MARCELO K. PALISPIS, JD EdD**
BAC Chairperson, OIC - ASDS
Schools Division of Negros Oriental
Kagawasan Avenue, Capitol Area, Daro
Dumaguete City, Negros Oriental 6200
(035) 225 1623 / www.depednegor.net

12. You may visit our official website: <https://www.depednegor.net/> and click on PROCUREMENT menu bar.



On the procurement page click on bid bulletin menu bar.



(Sgd.)

MARCELO K. PALISPIS, JD EdD
OIC - Asst. Schools Division Superintendent
Chairperson, Bids & 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, **Department of Education – Schools Division of Negros Oriental** invites Bids for the **CY 2024 Last Mile Schools Program – Lot 2 (Construction of One (1) Storey – Two (2) Classroom School Building with Common Toilet, Provision of Rainwater Collector, School Furniture, Solar PV Energy System and Water System at Panusuan, Amlan, Negros Oriental)** with Project Identification Number: **ITB 2023-11-146**.

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 Calendar Year 2024 in the amount of **Fifteen Million Five Hundred Forty Six Thousand Six Hundred Twenty Four and 18/100 Pesos (Php15,546,624.18)**.
- 2.2. The source of funding is NGA, the General Appropriations Act or Special Appropriations.

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 (a) the location and the nature of the work; (b) climatic conditions; (c) transportation facilities; (d) 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 (e) 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 / webcasting as indicated in paragraph 6 of the **IB**.

9. Clarification and Amendment of Bidding Documents

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

10. Documents Comprising the Bid: Eligibility and Technical Components

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section IX. Checklist of Technical and Financial Documents**.
- 10.2. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. For Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.
- 10.3. A valid 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**.
- 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 Philippines 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 One Hundred Twenty (120) Calendar 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.

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

20. Post Qualification

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

21. Signing of the Contract

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

Section III. Bid Data Sheet

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																									
3	<p>The Department of Education - Schools Division of Negros Oriental requires that interested bidder/s shall secure the Certificate of Site Inspection signed by the school head or its representative and the duly notarized Affidavit of Site Inspection. Both documents shall be included in the Technical Component Envelope. <i>(Items (j) and (k) of Section IX. Checklist of Technical and Financial Document) and ITB Clause 10.1, Section III. Bid Data Sheet (BDS) below)</i></p> <p>Standard forms can be found in ANNEX A and can also be acquired upon purchase of this bid document.</p>																								
5.2	<p>The Bidder must have an experience of having completed a Single Largest Completed Contract (SLCC) that is similar to this Project. For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be but not limited to:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">1. Earthworks</td> <td style="width: 50%;">12. Electrical Works</td> </tr> <tr> <td>2. Termite Control Works</td> <td>13. Plumbing Works</td> </tr> <tr> <td>3. Concreting Works (3000 psi)</td> <td>14. Sanitary Works</td> </tr> <tr> <td>4. Rebar Works</td> <td>15. Painting Works</td> </tr> <tr> <td>5. Form Works</td> <td>16. Tile Works</td> </tr> <tr> <td>6. Masonry Works</td> <td>17. Waterproofing Works</td> </tr> <tr> <td>7. Finishing Works</td> <td>18. Water System</td> </tr> <tr> <td>8. Fabricated Materials & Hardware</td> <td>19. Solar PV Power System</td> </tr> <tr> <td>9. Steel Works</td> <td>20. Furniture</td> </tr> <tr> <td>10. Roofing Works</td> <td></td> </tr> <tr> <td>11. Ceiling and Carpentry Works</td> <td></td> </tr> <tr> <td>12. Electrical Works</td> <td></td> </tr> </table>	1. Earthworks	12. Electrical Works	2. Termite Control Works	13. Plumbing Works	3. Concreting Works (3000 psi)	14. Sanitary Works	4. Rebar Works	15. Painting Works	5. Form Works	16. Tile Works	6. Masonry Works	17. Waterproofing Works	7. Finishing Works	18. Water System	8. Fabricated Materials & Hardware	19. Solar PV Power System	9. Steel Works	20. Furniture	10. Roofing Works		11. Ceiling and Carpentry Works		12. Electrical Works	
1. Earthworks	12. Electrical Works																								
2. Termite Control Works	13. Plumbing Works																								
3. Concreting Works (3000 psi)	14. Sanitary Works																								
4. Rebar Works	15. Painting Works																								
5. Form Works	16. Tile Works																								
6. Masonry Works	17. Waterproofing Works																								
7. Finishing Works	18. Water System																								
8. Fabricated Materials & Hardware	19. Solar PV Power System																								
9. Steel Works	20. Furniture																								
10. Roofing Works																									
11. Ceiling and Carpentry Works																									
12. Electrical Works																									
7.1	Subcontracting is not allowed.																								
10.1	<p>The first envelope shall contain the following <u>required</u> eligibility and technical component documents: <i>(This is in reference to Section IX. Checklist of Technical and Financial Documents items a to k.)</i></p> <p>a. Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages) in accordance with Section 8.5.2 of the 2016 Revised IRR of RA 9184, and each page should be photocopied in its entirety and must be certified true copy;</p> <p>b. Statement of the prospective bidder’s all ongoing government and private contracts, including contracts awarded but not yet started, should be duly signed by the bidder or its authorized representative and</p>																								

must be supported by, but not limited to: (a) Notice of Award; (b) Contract Agreement or (c) Notice to Proceed; (*Statement of Bidder's all ongoing projects template can be found on ANNEXES, Annex D*)

Furthermore, prospective bidder shall also submit an electronic "soft" copy, in MS Excel file format of its statement of all ongoing projects to aid in bid evaluation and post-qualification evaluation / verification. This soft copy shall be stored either on a compact disc (CD) or on a flash drive (USB); (*with reference to ITB Clause 16 in this section, Section III. Bid Data Sheet (BDS) below*)

and

- c. Statement of the Bidder's Single Largest Completed Contract (SLCC)** similar to the contract to be bid, except under conditions provided under the rules, and should be duly signed by the bidder or its authorized representative and must be supported by, but not limited to: (a) Notice of Award; (b) Notice to Proceed; or (c) Project Owner's Certificate of Final Acceptance issued by the owner other than the contractor; (*with reference to Clause 5, Section II. Instruction to Bidders; template can be found on ANNEXES, Annex E*)

and

- d. 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 to be bid, and must be certified true copy; (*with reference to Clause 10.3 in Section II. Instruction to Bidders*)

and

- e. Original Copy of Bid Security.** If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission; **or Original Copy of Notarized Bid Securing Declaration;** (*with reference to ITB Clause 15.1 in this section, Section III. Bid Data Sheet (BDS), below*);

and

- f. Project Requirements**, which shall include the following:
- a. Organizational chart for the contract to be bid**, must be duly signed by the bidder or its authorized representative and should suffice the minimum key personnel needed for the project as set in ITB Clause 10.4 in this section; (*Template / sample form can be found on BIDDING FORMS, item e*)

b. **List of contractor's key personnel**, to be assigned to the contract to be bid, with their complete qualification and experience data; must be duly signed by the bidder or its authorized representative and should satisfy the minimum required key personnel and the minimum required number of personnel per key position for this project as per ITB Clause 10.4 in this section; *(Template / sample form can be found on BIDDING FORMS, item f)*

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 must be duly signed by the bidder or its representative and should conform with the minimum major equipment requirements as set in ITB Clause 10.5 also in this section, below; *(Template / sample form can be found on BIDDING FORMS, item g)*

and

g. **Original duly signed Omnibus Sworn Statement (OSS); and** if applicable, **Original Notarized Secretary's Certificate** in case of a corporation, partnership, or cooperative; or **Original Special Power of Attorney** of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder; The **OSS** should follow the prescribe form, notarized and the sample/form can be found on BIDDING FORMS, item d;

and

h. **The prospective bidder's computation of Net Financial Contracting Capacity (NFCC)**, must be duly signed by the bidder or its representative; *(Template / sample form can be found on BIDDING FORMS, item h)*

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

duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful;

and

	<p><u>Other documentary requirements as required by the procuring entity</u></p> <p>j. Duly notarized Affidavit of Site Inspection;</p> <p style="text-align: center;">and</p> <p>k. Certificate of Site Inspection duly signed by the School Head or its representative; <i>(With reference to ITB Clause 3, in this section, above)</i></p> <p>Prospective bidders are required to submit One (1) original copy of their eligibility and technical component documents, in a sealed envelope, labelled as “ORIGINAL - TECHNICAL COMPONENT” and a single copy labelled as “COPY NO. 1 - TECHNICAL COMPONENT”. Detailed instructions are found in ITB Clause 16, Section III. Bid Data Sheet (BDS), below.</p>																						
10.3	No further instructions.																						
10.4	<p>The key personnel must meet the required minimum years of experience set below:</p> <table border="1" data-bbox="391 890 1383 1348"> <thead> <tr> <th data-bbox="391 890 748 968">KEY PERSONNEL</th> <th data-bbox="748 890 1383 968">Number of Years of Relevant Experience</th> </tr> </thead> <tbody> <tr> <td data-bbox="391 968 748 1010">1. Project Engineer</td> <td data-bbox="748 968 1383 1010">At least 1 year experience</td> </tr> <tr> <td data-bbox="391 1010 748 1052">2. Materials Engineer</td> <td data-bbox="748 1010 1383 1052">At least 1 year experience</td> </tr> <tr> <td data-bbox="391 1052 748 1094">3. General Foreman</td> <td data-bbox="748 1052 1383 1094">At least 1 year experience</td> </tr> <tr> <td data-bbox="391 1094 748 1136">4. Welder</td> <td data-bbox="748 1094 1383 1136">At least 1 year experience</td> </tr> <tr> <td data-bbox="391 1136 748 1178">5. Carpenter</td> <td data-bbox="748 1136 1383 1178">At least 1 year experience</td> </tr> <tr> <td data-bbox="391 1178 748 1220">6. Mason</td> <td data-bbox="748 1178 1383 1220">At least 1 year experience</td> </tr> <tr> <td data-bbox="391 1220 748 1262">7. Painter</td> <td data-bbox="748 1220 1383 1262">At least 1 year experience</td> </tr> <tr> <td data-bbox="391 1262 748 1304">8. Electrician</td> <td data-bbox="748 1262 1383 1304">At least 1 year experience</td> </tr> <tr> <td data-bbox="391 1304 748 1346">9. Plumber</td> <td data-bbox="748 1304 1383 1346">At least 1 year experience</td> </tr> <tr> <td data-bbox="391 1346 748 1388">10. Helper</td> <td data-bbox="748 1346 1383 1388">At least 1 year experience</td> </tr> </tbody> </table>	KEY PERSONNEL	Number of Years of Relevant Experience	1. Project Engineer	At least 1 year experience	2. Materials Engineer	At least 1 year experience	3. General Foreman	At least 1 year experience	4. Welder	At least 1 year experience	5. Carpenter	At least 1 year experience	6. Mason	At least 1 year experience	7. Painter	At least 1 year experience	8. Electrician	At least 1 year experience	9. Plumber	At least 1 year experience	10. Helper	At least 1 year experience
KEY PERSONNEL	Number of Years of Relevant Experience																						
1. Project Engineer	At least 1 year experience																						
2. Materials Engineer	At least 1 year experience																						
3. General Foreman	At least 1 year experience																						
4. Welder	At least 1 year experience																						
5. Carpenter	At least 1 year experience																						
6. Mason	At least 1 year experience																						
7. Painter	At least 1 year experience																						
8. Electrician	At least 1 year experience																						
9. Plumber	At least 1 year experience																						
10. Helper	At least 1 year experience																						
10.5	<p>The minimum major equipment requirements are the following:</p> <ol style="list-style-type: none"> 1. Hand Tools 2. One Bagger Cement Mixer 3. Welding Machine 4. Steel Bar Cutter 																						
11.1	<p>The second envelope shall contain the following required financial component documents: <i>(This is in reference also to Section IX. Checklist of Technical and Financial Documents items l to o.)</i></p> <ol style="list-style-type: none"> 1. Original of duly signed and accomplished Financial Bid Form; The Bid Form should be in its prescribed form and the sample form can be found on BIDDING FORMS, item a; 																						

- and**
- m. Original of duly signed **Bid Prices in the Bill of Quantities;**
- and**
- n. 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;

For items “m” and “n”: Prospective bidders are provided an electronic “Soft” copy, Microsoft Excel file format of the blank Program of Works. On this file are spreadsheets containing the blank Program of Works – Bill of Quantity (BOQ); Detailed Cost Estimates (DCE); Detailed Unit Price Analysis (DUPA) for each item; Equipment Rental Rates; Labor Rates; and Material Cost available upon purchase of this bidding document.

Program of Works – Bill of Quantities (BOQ):

On the Program of Works – Bill of Quantities (BOQ), bidders shall only fill-in the ff: **% of Total; Total Cost & Unit Cost** (Direct Cost); **Adjusted Unit Cost**; and **Adjusted Total Cost** (columns **3, 6, 7, 8, and 9** respectively) for each corresponding item to obtain the Total Construction Cost for the project. Any alterations or modifications made on **Item No.; Description; Unit; and Quantity** (columns **1, 2, 4, & 5**) shall be sufficient grounds for disqualification. *(Note: This spreadsheet may have formulas on cells and may be link to other spreadsheets to aide bidders in the preparation of their bid proposal.)*

Program of Works – Detailed Cost Estimate (DCE):

On the Program of Works – Detailed Cost Estimate (DCE), bidders shall only fill-in the ff: **Estimated Direct Cost; Value** (Total Mark-Up); **VAT (5%); Total Indirect Cost; Adjusted Total Cost; and Adjusted Unit Cost** (columns **5, 9, 10, 11, 12, & 13** respectively) for each item to also obtain the Total Construction Cost for the project. Any alterations or modifications made on **Item No.; Description; Quantity; Unit; OCM & Profit** (Mark-ups in percent); and **%** (Total Mark-up) (columns **1, 2, 3, 4, 6, 7, & 8**) shall also be sufficient grounds for disqualification. *(Note: This spreadsheet may also have formulas on cells and may be link to other spreadsheets to aide bidders in the preparation of their bid proposal.)*

Detailed Unit Price Analysis (DUPA) for each item:

On the Detailed Unit Price Analysis (DUPA) for each item, bidders shall only fill-in the corresponding **hourly rate, unit cost and amount** under **A. Designation of Personnel; B. Name / Capacity (Equipment)** and **C. Name / Specification (Materials)** to where an item or items are applicable. Any alterations or modifications made on DUPA other than the aforementioned shall be sufficient grounds for disqualification. Bidders or their authorized representative shall

affix their signature on each DUPA. DUPA without signature shall be deemed void and are grounds for disqualification. Missing DUPA are also grounds for disqualification. *(Note: DUPA spreadsheets may also have formulas on cells and may be link to other spreadsheets to aide bidders in the preparation of their bid proposal.)*

Equipment Rental Rates, Labor Rates and Material Cost:

On the Equipment Rental Rates, Labor Rates and Material Cost, Bidder shall completely fill-in the required data and make sure that data are consistent. *(Note: These spreadsheets may also have formulas on cells and may be link to other spreadsheets to aide bidders in the preparation of their bid proposal.)*

Any inconsistencies or discrepancies found between the BOQ, DCE, DUPA of each item, Equipment Rental Rates, Labor Rates, and Material Cost shall be sufficient grounds for disqualification.

Bidders are reminded that bids not addressing or providing all the required items in the Bidding documents including, where applicable, bill of quantities, shall be considered non-responsive and, thus automatically disqualified. Likewise, where a required item is provided, but no price is indicated, the same shall be considered as non-responsive, but specifying a zero (0) or a dash (-) for the said item would mean that it is being offered for free to the Government, except those required by law or regulations to be provided for; *(with reference to Section VI. Specifications of this Philippine Bidding Document (PBD) and Section 32.2.1 of the 2016 Revised Implementing Rules and Regulations of RA 9184);*

Bidders shall also provide an electronic copy in Microsoft Excel file format of their “filled-in” Program of Works – Bill of Quantities (BOQ); Detailed Cost Estimates (DCE), DUPA for each item; Equipment Rental Rates, Labor Rates; and Material Costs. This MS Excel file must be stored either on a compact disc (CD) or a flash drive (USB); *(refer to ITB Clause 16 of this section for detailed instructions, below)*

And

- o. **Cash Flow by Quarter** must be duly signed by the bidder or it’s representative; Sample form can be found at BIDDING FORMS, item j;

If any discount is offered by the bidder, it should be reflected in ALL financial component documents. Discrepancies on bid price between the bidder’s **Bid Form**, Program of Works – **Bill of Quantities (BOQ); Detailed Cost Estimates (DCE)**, and **Cash Flow by Quarter** are sufficient grounds for disqualification.

Prospective bidders are required to submit One (1) original copy of their financial

	component documents, in a sealed envelope, labelled as “ORIGINAL – FINANCIAL COMPONENT” and a single copy labelled as “COPY NO. 1 - FINANCIAL COMPONENT”. Detailed instructions are found in ITB Clause 16, Section III. Bid Data Sheet (BDS) below.												
12	No further instructions												
15.1	<p>The bidder shall submit a Bid Securing Declaration, or any form of Bid Security, in an amount not less than the required percentage of the ABC in accordance with the following schedule:</p> <table border="1"> <thead> <tr> <th>Form of Bid Security</th> <th>Amount of Bid Security (Not less than the required percentage of the ABC)</th> </tr> </thead> <tbody> <tr> <td>a. Cash or cashier’s/manager’s check issued by a Universal or Commercial Bank.</td> <td>Two percent (2%)</td> </tr> <tr> <td>b. Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: Provided, however, That it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank</td> <td>Two percent (2%)</td> </tr> <tr> <td>c. Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security.</td> <td>Five percent (5%)</td> </tr> <tr> <td>d. Any combination of items (a) to (c) above.</td> <td>Proportionate to share of form with respect to total amount of security</td> </tr> <tr> <td>e. Bid Securing Declaration</td> <td>No percentage required</td> </tr> </tbody> </table>	Form of Bid Security	Amount of Bid Security (Not less than the required percentage of the ABC)	a. Cash or cashier’s/manager’s check issued by a Universal or Commercial Bank.	Two percent (2%)	b. Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: Provided, however, That it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank	Two percent (2%)	c. Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security.	Five percent (5%)	d. Any combination of items (a) to (c) above.	Proportionate to share of form with respect to total amount of security	e. Bid Securing Declaration	No percentage required
Form of Bid Security	Amount of Bid Security (Not less than the required percentage of the ABC)												
a. Cash or cashier’s/manager’s check issued by a Universal or Commercial Bank.	Two percent (2%)												
b. Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: Provided, however, That it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank	Two percent (2%)												
c. Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security.	Five percent (5%)												
d. Any combination of items (a) to (c) above.	Proportionate to share of form with respect to total amount of security												
e. Bid Securing Declaration	No percentage required												
16	<p>Bidders shall enclose their original eligibility and technical component documents, described in ITB Clause 10.1, in one sealed envelope marked “ORIGINAL - TECHNICAL COMPONENT,” and the original of their financial component documents described in ITB Clause 11.1 in another sealed envelope marked “ORIGINAL - FINANCIAL COMPONENT,” sealing them all in an outer envelope marked “ORIGINAL BID.”</p> <p>Bidders are required to provide only a single copy of the Technical Component and the Financial Component envelopes and shall be similarly sealed duly marking the inner envelopes as “COPY NO. 1 - TECHNICAL COMPONENT”</p>												

	<p>and “COPY NO. 1 – FINANCIAL COMPONENT” respectively, and sealing them in an outer envelope marked “COPY 1”.</p> <p>Bidders are also required to provide an electronic “soft” copy of their “filled-in” Program of Works – Bill of Quantities (BOQ); Detailed Cost Estimates (DCE); Detailed Unit Price Analysis (DUPA) for each item; Equipment Rental Rates; and Labor Cost. This MS Excel file format shall be stored either on a compact disc (CD) or USB Flash drive.</p> <p>These envelopes containing the “original bid”, “copy 1”, and the compact disc CD or USB flash drive shall then be enclosed in one single envelope marked “BID PROPOSAL”.</p> <p>The “original bid” and the “copy 1” of the bid shall be typed or written in ink and shall be signed by the Bidder or its duly authorized representative/s.</p> <p>All envelopes shall:</p> <ul style="list-style-type: none"> (a) contain the name of the contract to be bid in capital letters; (b) bear the name and address of the Bidder in capital letters; (c) be addressed to the Procuring Entity’s Bids and Awards Committee BAC, as indicated in paragraph 11 of the IB. (d) bear the specific identification of this bidding process indicated in the ITB Clause 1 and paragraph 1 & 2 of the IB; and (e) bear a warning “DO NOT OPEN BEFORE...” the date and time for the opening of bids, in accordance with ITB Clause 17 and paragraph 7 of the IB. <p>Unsealed or unmarked bid envelopes shall be rejected. However, bid envelopes that are not properly sealed and marked, as required in the Bidding Documents, shall be accepted, provided that the bidder or its duly authorized representative shall acknowledge such condition of the bid as submitted. The BAC shall assume no responsibility for the misplacement of the contents of the improperly sealed or marked bid, or for its premature opening. <i>(Section 25.9 of the Revised 2016 IRR of RA 9184, 8th Edition)</i></p> <p>An illustration for marking and sealing of Technical and Financial Envelopes can be found in ANNEX C.</p>
19.2	No partial bid is allowed.
20	The BAC shall determine to its satisfaction whether the Bidder that is evaluated as having submitted the Lowest Calculated Bid complies with and is responsive to all the requirements and conditions specified in ITB Clauses 5, 10, and 11.

	<p>List of Licenses and permits relevant to the Project and the corresponding law or corresponding LGUs that may be required but not limited to:</p> <ol style="list-style-type: none"> 1. Building Permits 2. Fire Clearance and Fire Safety Inspection Certificate 3. Occupancy Permit / Occupancy Certificate, etc.
21	<p>This procuring entity (PE) will adopt to the Department of Public Works and Highways' (DPWH Blue Book) Standard Specifications for Public Works Structures. Hence, requiring the contractor's Materials Engineer to prepare detailed Quality Control Program (QCP) based on the Program of Works for this project.</p> <p>Certificate of Completion will only be issued by the PE upon the submission of the material test results,</p> <p>For the Provision of School Furniture, this procuring entity is requiring the Lowest Calculated Responsive Bid (LCRB) or the winning bidder / contractor of the following:</p> <ol style="list-style-type: none"> 1. Certification from the Department of Science and Technology (DOST) or its accredited furniture testing laboratories for its school furniture samples being tested; 2. The DOST certification must yield passing results in all tests being performed to ensure the quality and its durability of the school furniture; 3. Before delivery and acceptance of the school furniture, the Certification issued by DOST and its authorized testing laboratories should be presented. No DOST certification presented, no issuance of Certificate of Completion for this project. <p>Additional contract documents relevant to the Project that are required by this Procuring Entity, among other documents, are the following:</p> <ol style="list-style-type: none"> a. construction schedule and S-curve, b. manpower schedule, c. construction methods, d. equipment utilization schedule, e. construction safety and health program approved by the DOLE, f. and other acceptable tools of project scheduling. <p>Furthermore, all Department of Education implemented infrastructure projects are required to be covered by Contractor's All Risk Insurance (CARI) as per memorandum, OUA MEMO 00-0121-081. <i>(Please see ANNEX C)</i></p> <p>The following are insurance coverage clauses for this infrastructure project: <i>(adopted from the Philippine Bidding Document (PBD) 5th Edition)</i></p> <ol style="list-style-type: none"> a. The contractor shall under his name and at his own expense, obtain and maintain, for the duration of this Contract, the Contractor's All Risk Insurance (CARI); b. The contractor shall provide evidence to the Procuring Entity's Representative that the insurances required under this Contract have been effected and shall, within a reasonable time, provide copies of the insurance policies to the Procuring Entity's Representative. Such evidence and such policies shall be provided to the Procuring Entity's through the Procuring Entity's Representative. The Contractor shall notify the insurers of changes

in the nature, extent, or program for the execution of the Works and ensure the adequacy of the insurances at all times in accordance with the terms of this Contract and shall produce to the Procuring Entity's Representative the insurance policies in force including the receipts for payment of the current premiums;

- c. The above insurance policies shall be obtained from any reputable insurance company approved by the Procuring Entity's Representative;
- d. If the Contractor fails to obtain and keep in force the insurances referred to herein or any other insurance which he may be required to obtain under the terms of this Contract, the Procuring Entity may obtain and keep in force any such insurances and pay such premiums as may be necessary for the purpose. From time to time, the Procuring Entity may deduct the amount it shall pay for said premiums including twenty-five percent (25%) therein from any monies due, or which may become due, to the Contractor, without prejudice to the Procuring Entity exercising its right to impose other sanctions against the Contractor pursuant to the provisions of this Contract;
- e. In the event the Contractor fails to observe the above safeguards, the Procuring Entity may, at the Contractor's expense, take whatever measure is deemed necessary for its protection and that of the Contractor's personnel and third parties, and/or order the interruption of dangerous Works. In addition, the Procuring Entity may refuse to make the payments under GCC Clause 40 until the Contractor complies with this Clause;
- f. The Contractor shall immediately replace the insurance policy obtained as required in this Contract, without need of the Procuring Entity's demand, with a new policy issued by a new insurance company acceptable to the Procuring Entity for any of the following grounds:
 - (a) The issuer of the insurance policy to be replaced has:
 - (i) become bankrupt;
 - (ii) been placed under receivership or under a management committee;
 - (iii) been sued for suspension of payment; or
 - (iv) been suspended by the Insurance Commission and its license to engage in business or its authority to issue insurance policies cancelled; or
 - (v) Where reasonable grounds exist that the insurer may not be able, fully and promptly, to fulfill its obligation under the insurance policy.

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 Manual

- 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	No further instructions.
4.1	No further instructions.
6	No further instructions.
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: Fifteen (15) years.
10	No dayworks are applicable to the contract.
11.1	<i>The Contractor shall submit the Program of Work to the Procuring Entity's Representative within [insert number] days of delivery of the Notice of Award.</i>
11.2	<i>The amount to be withheld for late submission of an updated Program of Work is [insert amount].</i>
13	The amount of the advance payment is 15% of the total contract price and schedule of payment.
14	Materials and equipment delivered on the site but not completely put in place shall not be included for payment.
15.1	<i>The date by which operating and maintenance manuals are required is [date].</i> <i>The date by which "as built" drawings are required is [date].</i>
15.2	<i>The amount to be withheld for failing to produce "as built" drawings and/or operating and maintenance manuals by the date required is [amount in local currency].</i>

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.

Interested bidders will be provided an electronic soft copy (MS Excel file format) of the Blank Program of Works for this project. (*Section III. Bid Data Sheet, ITB Clause 11.1*)

**BLANK PROGRAM OF WORKS –
BILL OF QUANTITIES (BOQ);
DETAILED COST ESTIMATES (DCE);
DETAILED UNIT PRICE ANALYSIS (DUPA)
OF EACH ITEM;
EQUIPMENT RENTAL RATES;
LABOR RATES;
&
MATERIAL COST**

**With instructions on the
Quality Control Program (QCP)**
*(Adoption of the DPWH's Blue Book – Standard Specifications for Public
Works Structures)*

**PANUSUAN ELEMENTARY SCHOOL
AMLAN, NEGROS ORIENTAL**

CONTRACTOR'S LOGO AND HEADER

PROGRAM OF WORKS

BILL OF QUANTITIES

LMS 2024 - R VII - NEGROS ORIENTAL - 002

School : Panusan Elementary School	Date:
School I.D : 120027	Budget Allocation: 15,546,624.18
Region : R VII	Engineering and Administrative Overhead: 0.00
Division : NEGROS ORIENTAL	Approved Budget for the Contract: 15,546,624.18
Project Title :	Completion Period: 120 CD
PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM	Minimum Required Manpower:
	General Foreman Welder Carpenter
	Helper Mason Painter
Location : Amlan, Negros Oriental	Minimum Required Equipment:
	Hand Tools Welding Machine
	One-Bagger Mixer Bar Cutter

Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost (8) / (5)	Adjusted Total Cost (9)
					Total Cost (6)	Unit Cost (7) / (5)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
A.	Facilities for the Engineer							
A.1	Temporary Facilities		Month	4.00				
B.	Other General Requirements							
B.1	Fire Safety Inspection Certificate (FSIC)		lot	1.00				
SPL 1	Project Billboard		Each	2.00				
SPL 2	Construction Safety and Health		Month	4.00				
C.	Mobilization and Demobilization							
C.1	Mobilization and Demobilization		Ls	1.00				
1.0000	Earthworks							
1 (a)	Clearing and Grubbing		sq m	242.25				
1 (b)	Structural Excavation		cu m	61.43				
1 (c)	Backfilling of Excavated Materials		cu m	44.81				
1 (d)	Gravel Bedding G-1		cu m	32.50				
1 (e)	Embankment		cu m	106.60				
	Termite Control Works							
1 (f)	Soil Poisoning		L	266.48				
2.0000	Concreting Works (3000 psi)							
2 (b)	Structural Concrete (Footing and Slab on Fill including stairs, concrete bench and handwashing with concrete platform)		cu m	55.38				
2 (c)	Structural Concrete (Footing Tie Beam, Column, Suspended Slab, Girder/ Beam including R. C. Concrete Gutter/ Parapet Wall)		cu m	43.18				
2 (h)	Ramp on Fill		cu m	1.25				
3.0000	Rebar Works							
3 (a)	Reinforcing Steel Bar, Grade 40		kg	15,735.67				
4.0000	Formworks							
4 (a)	Installation and Removal of Formworks		sq.m	708.78				
5.0000	Masonry Works							
5 (b)	Masonry (100 mm CHB)		sq.m	40.00				
5 (c)	Masonry (150 mm CHB)		sq.m	260.00				
	Finishing Works							
5 (d)	Plain Cement Plaster Finish		sq.m	610.17				
5 (e)	Plain Cement Floor Finish		sq.m	238.50				
6.0000	Fabricated Materials and Hardware							
6 (c)	Hollow Core Flush Door		sq m	7.00				
6 (d)	Wooden Panel Door		sq m	9.45				
6 (e)	Jalousie Window (Glass)		sq m	29.52				
6 (f)	Frames (Jambs, Sill, Head, Transoms, and Mullions)		set	24.00				
6 (g)	Ramp Rail		Ls	1.00				
7.0000	Steel Works							
7 (c)	Structural Steel Roof Truss		kg	2,857.03				
7 (d)	Structural Steel Purlins		kg	2,839.68				

Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost	Adjusted Total Cost
					Total Cost	Unit Cost		
7 (e)	Metal Structure Accessories (Steel Plates)		kg	429.30				
7 (f)	Metal Structure Accessories (Anchor Bolts)		pc	148.00				
7 (g)	Metal Structure Accessories (Sag Rods)		pc	21.00				
7 (h)	Metal Structure Accessories (Turn Buckle)		pc	16.00				
7 (i)	Metal Structure Accessories (Cross Bracing)		pc	19.00				
8.0000	Roofing Works							
8 (b)	Pre - painted Metal Sheets (Corrugated, Short Span/ Long Span, below 0.427 BMT/ above 0.427 BMT)		ln.m	289.91				
8 (e)	Fabricated Metal Roofing Accessory (Ridge/ Hip Rolls/ Flashing/ Counter Flashing/ Valley Roll)		m	35.00				
9.0000	Ceiling and Carpentry Works							
9 (e)	4.5mm Fiber Cement Board/ 4.5mm Marine Plywood/ 6.0mm Marine Plywood/ 6.0 mm Ordinary Plywood in Wood Frame Ceiling		sq.m	242.25				
9 (i)	Blackboard		sq.m	11.52				
10.0000	Electrical Works							
10 (a)	Conduit, Boxes and Fitting		Ls	1.00				
10 (b)	Wires and Wiring Devices		Ls	1.00				
10 (c)	Lighting Fixture/ Fixture		Ls	1.00				
10 (d)	Panel Board and Cabinets		Ls	1.00				
11.0000	Plumbing Works							
11 (a)	Waterline Works		Ls	1.00				
12.0000	Sanitary Works							
12 (a)	Sewer Line Works		Ls	1.00				
12 (b)	Sanitary/ Plumbing Fixtures		Ls	1.00				
12 (c)	Three Chamber Septic Vault		Ls	1.00				
13.0000	Painting Works							
13 (a)	Masonry Painting		sq.m	610.17				
13 (b)	Wooden Painting		sq.m	285.01				
13 (c)	Metal Painting		sq.m	15.75				
15.0000	Waterproofing							
15 (a)	Waterproofing Cement Base		sq.m	25.00				
14.0000	Tile Works							
14 (a)	Glazed Tiles and Trims		sq.m	69.41				
14 (b)	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles		sq.m	219.84				
16.0000	Water System							
16.0000	Water System (Water Source at Higher Elevation)		Ls	1.00				
17.0000	Solar PV Power System							
17 (a)	Solar PV Power System		Ls	1.00				
17 (b)	Charging Station		Ls	1.00				
17 (c)	Perimeter Solar Lighting System		Ls	1.00				
18.0000	Furniture							
18.0000	Furniture		Ls	1.00				
		#DIV/0!			-	Total Construction Cost		

Prepared by:

Signature above Printed Name
Contractor's Authorized Representative

CONTRACTOR'S LOGO AND HEADER

PROGRAM OF WORKS DETAILED COST ESTIMATE

(TOTAL CONSTRUCTION COST/ ABC)
LMS 2024 - R VII - NEGROS ORIENTAL - 002

PROJECT PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET), WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

SCHOOL : Panusunan Elementary School

LOCATION :Amilan, Negros Oriental

OWNER : DEPARTMENT OF EDUCATION

CONTRACT DURATION : 120 CD

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UP		VAT (5%)	TOTAL INDIRECT COST	ADJUSTED TOTAL COST	ADJUSTED UNIT COST
					OCM	PROFIT	%	VALUE				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
					(6) + (7)	(5) x (8)	(5) + (10)	(9) + (10)	(12) / (13)			
A.	Facilities for the Engineer											
A.1	Temporary Facilities	4.00	Month		0%	8%	8%					
B.	Other General Requirements											
B.1	Fire Safety Inspection Certificate (FSIC)	1.00	lot		0%	0%	0%					
SPL 1	Project Billboard	2.00	Each		9%	8%	17%					
SPL 2	Construction Safety and Health	4.00	Month		0%	8%	8%					
C.	Mobilization and Demobilization											
C.1	Mobilization and Demobilization	1.00	Ls		0%	0%	0%					
1.0000	Earthworks											
1 (a)	Clearing and Grubbing	242.25	sq.m		9%	8%	17%					
1 (b)	Structural Excavation	61.43	cu m		9%	8%	17%					
1 (c)	Backfilling of Excavated Materials	44.81	cu m		9%	8%	17%					
1 (d)	Gravel Bedding G-1	32.50	cu m		9%	8%	17%					
1 (e)	Embankment	106.60	cu m		9%	8%	17%					
	Termite Control Works											
1 (f)	Soil Poisoning	266.48	L		9%	8%	17%					
2.0000	Concreting Works (3000 psi)											
2 (b)	Structural Concrete (Footing and Slab on Fill including stairs, concrete bench and handwashing with concrete platform)	55.38	cu m		9%	8%	17%					
2 (c)	Structural Concrete (Footing Tie Beam, Column, Suspended Slab, Girder/ Beam including R. C. Concrete Gutter/ Parapet Wall)	43.18	cu m		9%	8%	17%					
2 (h)	Ramp on Fill	1.25	cu m		9%	8%	17%					
3.0000	Rebar Works											
3 (a)	Reinforcing Steel Bar, Grade 40	15,735.87	kg		9%	8%	17%					

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UP		VAT (5%)	TOTAL INDIRECT COST	ADJUSTED TOTAL COST	ADJUSTED UNIT COST
					OCM	PROFIT	%	VALUE				
4.0000	Formworks											
4 (a)	Installation and Removal of Formworks	708.78	sq m			9%	8%	17%				
5.0000	Masonry Works											
5 (b)	Masonry (100 mm CHB)	40.00	sq m			9%	8%	17%				
5 (c)	Masonry (150 mm CHB)	280.00	sq m			9%	8%	17%				
	Finishing Works											
5 (d)	Plain Cement Plaster Finish	610.17	sq m			9%	8%	17%				
5 (e)	Plain Cement Floor Finish	238.50	sq m			9%	8%	17%				
6.0000	Fabricated Materials and Hardware											
6 (c)	Hollow Core Flush Door	7.00	sq m			9%	8%	17%				
6 (d)	Wooden Panel Door	9.45	sq m			9%	8%	17%				
6 (e)	Jalousie Window (Glass)	29.52	sq m			9%	8%	17%				
6 (f)	Frames (Jambs, Sill, Head, Transoms, and Mullions)	24.00	set			9%	8%	17%				
6 (g)	Ramp Rail	1.00	Ls			9%	8%	17%				
7.0000	Steel Works											
7 (c)	Structural Steel Roof Truss	2,857.03	kg			9%	8%	17%				
7 (d)	Structural Steel Purfins	2,839.68	kg			9%	8%	17%				
7 (e)	Metal Structure Accessories (Steel Plates)	429.30	kg			9%	8%	17%				
7 (f)	Metal Structure Accessories (Anchor Bolts)	148.00	pc			9%	8%	17%				
7 (g)	Metal Structure Accessories (Sag Rods)	21.00	pc			9%	8%	17%				
7 (h)	Metal Structure Accessories (Turn Buckle)	16.00	pc			9%	8%	17%				
7 (i)	Metal Structure Accessories (Cross Bracing)	19.00	pc			9%	8%	17%				
8.0000	Roofing Works											
8 (b)	Pre-painted Metal Sheets (Corrugated, Short Span/ Long Span, below 0.427 BMT/ above 0.427 BMT)	289.91	ln.m			9%	8%	17%				
8 (e)	Fabricated Metal Roofing Accessory (Ridge/ Hip Roll/ Flashing/ Counter Flashing/ Valley Roll)	35.00	m			9%	8%	17%				
9.0000	Ceiling and Carpentry Works											
9 (e)	4.5mm Fiber Cement Board/ 4.5mm Marine Plywood/ 6.0mm Marine Plywood/ 6.0 mm Ordinary Plywood in Wood Frame Ceiling	242.25	sq.m			9%	8%	17%				
9 (f)	Blackboard	11.52	sq.m			9%	8%	17%				
10.0000	Electrical Works											
10 (a)	Conduit, Boxes and Fitting	1.00	Ls			9%	8%	17%				
10 (b)	Wires and Wiring Devices	1.00	Ls			9%	8%	17%				
10 (c)	Lighting Fixture/ Fixture	1.00	Ls			9%	8%	17%				
10 (d)	Panel Board and Cabinets	1.00	Ls			9%	8%	17%				
11.0000	Plumbing Works											
11 (a)	Waterline Works	1.00	Ls			9%	8%	17%				
12.0000	Sanitary Works											
12 (a)	Sewer Line Works	1.00	Ls			9%	8%	17%				
12 (b)	Sanitary Plumbing Fixtures	1.00	Ls			9%	8%	17%				
12 (c)	Three Chamber Septic Vault	1.00	Ls			9%	8%	17%				
13.0000	Painting Works											

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UP		VAT (5%)	TOTAL INDIRECT COST	ADJUSTED TOTAL COST	ADJUSTED UNIT COST
					OCM	PROFIT	%	VALUE				
13 (a)	Masonry Painting	610.17	sq.m		9%	8%	17%					
13 (b)	Wooden Painting	285.01	sq.m		9%	8%	17%					
13 (c)	Metal Painting	15.75	sq.m		9%	8%	17%					
15.0000	Waterproofing											
15 (a)	Waterproofing Cement Base	25.00	sq.m		9%	8%	17%					
14.0000	Tile Works											
14 (a)	Glazed Tiles and Trims	59.41	sq.m		9%	8%	17%					
14 (b)	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles	219.84	sq.m		9%	8%	17%					
16.0000	Water System											
16	Water System (Water Source at Higher Elevation)	1.00	Ls		9%	8%	17%					
17.0000	Solar PV Power System											
17 (a)	Solar PV Power System	1.00	Ls		9%	8%	17%					
17 (b)	Charging Station	1.00	Ls		9%	8%	17%					
17 (c)	Perimeter Solar Lighting System	1.00	Ls		9%	8%	17%					
18.0000	Furniture											
18.0000	Furniture	1.00	Ls		9%	8%	17%					
	TOTAL CONSTRUCTION COST											

Prepared by:

Signature above Printed Name

Contractor's Authorized Representative

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: A.1

Description: Temporary Facilities

Quantity: 4.00
Output : 1.00
Unit: Month

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Rental of Office/ Storage House (including light and water)	Month	4.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (Ocm)			0% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: B.1

Description: Fire Safety Inspection Certificate (FSIC)

Quantity: 1.00

Output : 1.00

Unit: lot

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Fire Safety Inspection Certificate (FSIC)	lot	1.00		
	Clearances & Building Permits	lot	1.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (Ocm)				0% of D.
F.	Contractor's Profit				0% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: SPL 1

Description: Project Billboard

Quantity: 2.00
Output: 1.00
Unit: Each

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	8.00		
	Skilled Laborer	1	8.00		
	Unskilled Laborer	1	8.00		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	8' x 8' Tarpaulin, 2 sets	sq ft	128.00		
	Good Lumber (Frames)	bd.ft	96.00		
	Assorted CW Nails	kg	2.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (Ocm)				9% of D.
F.	Contractor's Profit				8% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: SPL 2

Description: Construction Safety and Health

Quantity: 4.00
Output : 1.00
Unit: Month

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Safety Officer	1	960.00		
	First Aider	1	960.00		
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	First Aid Kit	Ls	1		
	Personal Protective equipment (PPE)				
	Safety Helmet	man - days	10		
	Safety Shoes	man - days	10		
	Safety Gloves	man - days	25		
	Signages and Barricades				
	PPE Signage (4' x 8')	set	1		
	Safety First (4' x 4')	set	1		
	Warning Signs (2' x 3')	set	1		
	Caution Tape, 100 ft	roll	1		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (Ocm)			0% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: C.1

Description: Mobilization and Demobilization

Quantity: 1.00
Output : 1.00
Unit: Ls

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Self Loading Truck and Accessories	1	24		
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (Ocm)			0% of D.	
F.	Contractor's Profit			0% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 1 (a)

Description: Clearing and Grubbing

Quantity: 242.25
Output per hour: 500.00
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	0.48		
	Unskilled Laborer	2	0.48		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Dump Truck (12 cu.yd.)	2	0.48		
	Payloader (1.5 cu.m.)	1	0.48		
	Bulldozer (155 Hp)	1	0.48		
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 1 (b)

Description: Structural Excavation

Quantity: 61.43
Output per hour: 20.00
Unit: cu m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	3.07		
	Unskilled Laborer	3	3.07		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Backhoe (0.80 cu.m.)	1	3.07		
	Dump Truck (12 cu.yd.)	2	3.07		
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				9% of D.
F.	Contractor's Profit				8% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 1 (c)

Description: Backfilling of Excavated Materials

Quantity: 44.81
Output per hour: 9.84
Unit: cu m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	4.55		
	Unskilled Laborer	3	4.55		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Plate Compactor (5hp)	1	3.42		
	Backhoe (0.80 cu.m.)	1	3.42		
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 1 (d)

Description: Gravel Bedding

Quantity: 32.50
Output per hour: 1.20
Unit: cu m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	27.09		
	Unskilled Laborer	3	27.09		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Plate Compactor (5hp)	1	13.54		
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Gravel Bedding G-1 (with 5% Shrinkage Factor)	cu.m	34.13		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 1 (e)

Description: Embankment

Quantity: 106.60
Output per hour: 9.84
Unit: cu m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	10.83		
	Unskilled Laborer	3	10.83		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Plate Compactor (5hp)	1	8.13		
	Backhoe (0.80 cu.m.)	1	8.13		
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Embankment Material (with 25% shrinkage factor)	cu.m	133.25		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 1 (f)

Description: Soil Poisoning

Quantity: 266.48
Output per hour: 5.40
Unit: L

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	49.35		
	Skilled Laborer	1	49.35		
	Unskilled Laborer	2	49.35		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Soil Poisoning	L	266.48		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 2 (b)

Description: Structural Concrete (Footing and Slab on Fill including stairs, concrete bench and handwashing with concrete platform)

Quantity: 55.38
Output per hour: 0.357
Unit: cu m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	155.13		
	Skilled Laborer	1	155.13		
	Unskilled Laborer	4	155.13		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	One - bagger Mixer	1	155.13		
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Portland Cement	bag	498.42		
	Washed Sand	cu.m.	27.69		
	Crushed Gravel 3/4"	cu.m.	55.38		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 2 (c)

Description: Structural Concrete (Footing Tie Beam, Column, Suspended Slab, Girder/ Beam including R. C. Concrete Gutter/ Parapet Wall)

Quantity: 43.18
Output per hour: 0.270
Unit: cu m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	159.93		
	Skilled Laborer	1	159.93		
	Unskilled Laborer	4	159.93		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	One - bagger Mixer	1	159.93		
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Portland Cement	bag	388.62		
	Washed Sand	cu.m.	21.59		
	Crushed Gravel 3/4"	cu.m.	43.18		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				9% of D.
F.	Contractor's Profit				8% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 2 (h)

Description: Ramp on Fill

Quantity: 1.25
Output per hour: 0.357
Unit: cu m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	3.50		
	Skilled Laborer	1	3.50		
	Unskilled Laborer	4	3.50		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	One - bagger Mixer	1	3.50		
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Portland Cement	bag	11.25		
	Crushed Gravel 1"	cu.,m.	1.25		
	Washed Sand	cu.m.	0.63		
	10mm x 6m RSB	kg	23.28		
	G.I. Tie Wire	kg	0.47		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 6 (g)

Description: Ramp Rail

Quantity: 1.00

Output: 1.00

Unit: Ls

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	32.00		
	Skilled Laborer	2	32.00		
	Unskilled Laborer	4	32.00		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Welding Machine	1	32.00		
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	G.I. Pipe 1-½"Ø Sch. 40	pc	6.00		
	Welding Rod	kg	3.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				9% of D.
F.	Contractor's Profit				8% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 3 (a)

Description: Reinforcing Steel Bar, Grade 40

Quantity: 15735.67
Output per hour: 143.438
Unit: kg

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	109.70		
	Skilled Laborer	3	109.70		
	Unskilled Laborer	12	109.70		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Bar Cutter	1	54.85		
	Bar Bender	1	54.85		
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	#16 G.I. Tie Wire	kg	314.71		
	Reinforcing Steel Bar, Grade 40	kg	15,735.67		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 4 (a)

Description: Installation and Removal of Formworks

Quantity: 708.78
Output per hour: 3.24
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Installation				
	Construction Foreman	1	218.76		
	Skilled Laborer	2	218.76		
	Unskilled Laborer	4	218.76		
	Stripping				
	Construction Foreman	1	89.69		
	Unskilled Laborer	6	89.69		
Sub-Total (Labor)				Php	
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)				Php	
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Good Lumber - 3 uses	bdft	5,096.13		
	Ordinary Plywood - 3 uses	pc.	245.95		
	Assorted CWN	kg.	148.84		
Sub-Total (Materials)				Php	
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amian, Negros Oriental

Item: 5 (b)

Description: Masonry (100 mm CHB)

Quantity: 40.00
Output per hour: 3.825
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	10.46		
	Skilled Laborer	2	10.46		
	Unskilled Laborer	3	10.46		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	One - bagger Mixer	1	10.46		
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	CHB 4" thk	pcs	520.00		
	Portland Cement	bags	21.00		
	Washed Sand	cu.m	1.60		
	10mm x 6m RSB	kgs	129.60		
	G.I. Tie Wire	kgs	2.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				9% of D.
F.	Contractor's Profit				8% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 5 (c)

Description: Masonry (150 mm CHB)

Quantity: 260.00
Output per hour: 3.180
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	81.76		
	Skilled Laborer	2	81.76		
	Unskilled Laborer	3	81.76		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	One - bagger Mixer	1	81.76		
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	CHB 6" thk	pcs	3,380.00		
	Portland Cement	bags	136.50		
	Washed Sand	cu.m	10.40		
	10mm x 6m RSB	kgs	842.40		
	G.I. Tie Wire	kgs	13.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR; SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 5 (d)

Description: Plain Cement Plaster Finish

Quantity: 610.17
Output per hour: 7.125
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	85.64		
	Skilled Laborer	2	85.64		
	Unskilled Laborer	4	85.64		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Portland Cement	bags	201.36		
	Washed Sand	cu.m	16.47		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 5 (e)

Description: Plain Cement Floor Finish

Quantity: 238.50
Output per hour: 5.95
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	40.08		
	Skilled Laborer	1	40.08		
	Unskilled Laborer	3	40.08		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Portland Cement	bags	173.15		
	Washed Sand	cu.m	13.12		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 6 (c)

Description: Hollow Core Flush Door

Quantity: 7.00
Output per hour: 0.32
Unit: sq m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	21.88		
	Skilled Laborer	1	21.88		
	Unskilled Laborer	1	21.88		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Hollow Core Flush Door	sq.m	7.00		
	Hinges, Standard 3-1/2" x 3-1/2"	pa	12.00		
	Entrance, Lever Lockset	set	6.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 6 (d)

Description: Wooden Panel Door

Quantity: 9.45
Output per hour: 0.32
Unit: sq m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	29.53		
	Skilled Laborer	1	29.53		
	Unskilled Laborer	2	29.53		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Wood Panel Door	sq.m	9.45		
	Hinges, Standard 3-1/2" x 3-1/2"	pa	10.00		
	Entrance, Lever Lockset	set	5.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 6 (e)

Description: Jalousie Window (Glass)

Quantity: 29.52
Output per hour: 0.27
Unit: sq m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	109.33		
	Skilled Laborer	1	109.33		
	Unskilled Laborer	1	109.33		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Jalousie Window (Glass)	sq m	29.52		
	Security Grilles	sq.ft	317.75		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				9% of D.
F.	Contractor's Profit				8% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 6 (f)

Description: Frames (Jambs, Sill, Head, Transoms, and Mullions)

Quantity: 24.00
Output per hour: 1.00
Unit: set

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	24.00		
	Skilled Laborer	1	24.00		
	Unskilled Laborer	1	24.00		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Frames (Jambs, Sill, Head, Transoms, and Mullions)	set	24.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 7 (c)

Description: Structural Steel Roof Truss

Quantity: 2857.03
Output per hour: 85.00
Unit: kg

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Fabrication				
	Construction Foreman	1	33.61		
	Skilled Laborer	2	33.61		
	Unskilled Laborer	2	33.61		
	Erection				
	Skilled Laborer	3	16.47		
	Unskilled Laborer	3	16.47		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Welding Machine	1	25.21		
	Cutting Outfit	1	8.40		
	Truck Mounted Crane (20 - 25mT)	1	8.07		
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	L 50 x 50 x 6mm	kg	1,147.00		
	L 50 x 50 x 2mm	kg	22.00		
	Acetylene	kg	31.43		
	Oxygen	kg	62.85		
	Welding Rod	kg	57.14		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 7 (d)

Description: Structural Steel Purlins

Quantity: 2839.68
Output per hour: 90.45
Unit: kg

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	31.40		
	Skilled Laborer	2	31.40		
	Unskilled Laborer	4	31.40		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Welding Machine	2	31.40		
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	2" x 4" x 1.5mm C - purlins	kg	2,981.66		
	Welding Rod	kg	56.79		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 7 (e)

Description: Metal Structure Accessories (Steel Plates)

Quantity: 429.30
Output per hour: 12.995
Unit: kg

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	33.04		
	Skilled Laborer	1	33.04		
	Unskilled Laborer	1	33.04		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Steel Plate 1.20m x 2.40m x 16mm thk	kg	90.30		
	Steel Plate 1.20m x 2.40m x 6mm thk	kg	339.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				9% of D.
F.	Contractor's Profit				8% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 7 (f)

Description: Metal Structure Accessories (Anchor Bolts)

Quantity: 148.00
Output per hour: 10.00
Unit: pc

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	14.80		
	Skilled Laborer	1	14.80		
	Unskilled Laborer	1	14.80		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Anchor Bolt with Nuts and Washer, 12mmØ x 50mm x 300mm	pc	88.00		
	Anchor Bolt with Nuts and Washer, 20mmØ x 50mm x 300mm	pc	40.00		
	Anchor Bolt with Nuts and Washer, 10mmØ x 50mm x 125mm	pc	20.00		
	Machine Bolts (6 mm dia.)	pc	792.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 7 (g)

Description: Metal Structure Accessories (Sag Rods)

Quantity: 21.00
Output per hour: 10.00
Unit: pc

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	2.10		
	Skilled Laborer	1	2.10		
	Unskilled Laborer	1	2.10		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	12mmØ Sag Rods with Standard Nuts and Washers	pc	21.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 7 (h)

Description: Metal Structure Accessories (Turn Buckle)

Quantity: 16.00
Output per hour: 8.00
Unit: pc

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	2.00		
	Skilled Laborer	1	2.00		
	Unskilled Laborer	1	2.00		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Turn Buckle 16 mmØ	pc	16.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				9% of D.
F.	Contractor's Profit				8% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 7 (i)

Description: Metal Structure Accessories (Cross Bracing)

Quantity: 19.00
Output per hour: 4.00
Unit: pc

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Fabrication				
	Construction Foreman	1	4.75		
	Skilled Laborer	1	4.75		
	Unskilled Laborer	1	4.75		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Plain Round Bar 16mmØ x 6m	pc	19.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 8 (b)

Description: Pre - painted Metal Sheets (Corrugated, Short Span/ Long Span, below 0.427 BMT/ above 0.427 BMT)

Quantity: 289.91
Output per hour: 2.076
Unit: In.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	139.65		
	Skilled Laborer	1	139.65		
	Unskilled Laborer	2	139.65		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	In m	304.41		
	J-Bolt (6mm dia.)	pc	3,696.00		
	Teckscrew 2-3/4"	pc	528.00		
	Roof Sealant	L	5.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 8 (e)

Description: Fabricated Metal Roofing Accessory (Ridge/ Hip Rolls/ Flashing/ Counter Flashing/ Valley Roll)

Quantity: 35.00
Output per hour: 10.00
Unit: m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	3.50		-
	Skilled Laborer	1	3.50		-
	Unskilled Laborer	1	3.50		-
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	10.00		-
	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	12.00		-
	Blind Rivets	pc	665.00		-
Sub-Total (Materials)					Php -
D.	Direct Cost (A+B+C)			Php	-
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	-
F.	Contractor's Profit			8% of D.	-
G.	Value Added Tax (VAT)			5% of (D+E+F)	-
H.	Adjusted Total Cost (D+E+F+G)			Php	-
I.	Adjusted Unit Cost (H/Quantity)			Php	-

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 9 (e)

Description: 4.5mm Fiber Cement Board/ 4.5mm Marine Plywood/ 6.0mm Marine Plywood/ 6.0 mm Ordinary Plywood in Wood Frame Ceiling

Quantity: 242.25
Output per hour: 1.489
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	162.69		
	Skilled Laborer	1	162.69		
	Unskilled Laborer	2	162.69		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	L 75 x 75 x 6mm	kg	1,223.79		
	L 50 x 50 x 6mm	kg	676.26		
	Machine Bolts (6 mm dia.)	pc	117.00		
	50 mm x 50 mm Ceiling Joist	bd.ft	979.38		
	50 mm x 50 mm Wooden Hanger	bd.ft	77.00		
	Rough Lumber, Sun Dried, Tanguile	bd.ft	1,056.38		
	Plywood, Marine 1/4" x 4' x 8'	pc	85.00		
	Finishing Nails	kg	6.00		
	CWN, Assorted	kg	21.00		
	Concrete Nails	kg	6.00		
	Wood Preservative, Brown	L	15.00		
	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	8.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				9% of D.
F.	Contractor's Profit				8% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 9 (i)

Description: Blackboard

Quantity: 11.52
Output per hour: 0.776
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	14.85		
	Skilled Laborer	1	14.85		
	Unskilled Laborer	2	14.85		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	50mm x 50mm x 1.5mm	pc	9.00		
	Welding Rod	kg	4.00		
	Concrete Nails	kg	1.00		
	Primer, Epoxy	gal	1.00		
	Aluminum Roller track (2.0m)	pc	10.00		
	Roller	set	6.00		
	Screw	pc	36.00		
	Plywood, Marine 1/2" x 4' x 8'	pc	2.00		
	Laminated sheet (0.6mm)	pc	2.00		
	Rugby	gal	1.00		
	Aluminum U - channel (3.0m), frame	pc	5.00		
	Plywood, Marine 1/4" x 4' x 8'	pc	2.00		
	Screw	pc	48.00		
	Enamel, Flatwall	gal	1.00		
	Blackboard paint	L	2.00		
	Paint Thinner	gal	1.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				9% of D.
F.	Contractor's Profit				8% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 10 (a)

Description: Conduit, Boxes and Fitting

Quantity: 1.00

Output: 1.00

Unit: Ls

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	16.00		
	Skilled Laborer	2	16.00		
	Unskilled Laborer	4	16.00		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Electrical Conduit uPVC, 20mmØ	pc	128.00		
	RSC 32mmØ	pc	32.00		
	Entrance Cap 32mm dia.	pc	1.00		
	Junction Box, 4" x 4" G.I.	pc	21.00		
	Utility Box, 2" x 4" G.I.	pc	22.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 10 (b)

Description: Wires and Wiring Devices

Quantity: 1.00

Output: 1.00

Unit: Ls

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	16.00		
	Skilled Laborer	2	16.00		
	Unskilled Laborer	4	16.00		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	3.5 mm ² THHN Wire, Stranded	m	763.00		
	8.0 mm ² THHN Wire, Stranded	m	206.00		
	3.5 mm ² TW(G) Wire, Stranded	m	382.00		
	5.5 mm ² TW(G) Wire, Stranded	m	103.00		
	Electrical Tape	pc	15.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 10 (c)

Description: Lighting Fixtures/ Fixtures

Quantity: 1.00

Output: 1.00

Unit: Ls

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	8.00		
	Skilled Laborer	1	8.00		
	Unskilled Laborer	2	8.00		-
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	4.00		
	Duplex Convenience Outlet, Grounding Type, 20A, 250V (WP)	set	2.00		
	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	set	4.00		
	2 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	2.00		
	Three Way Wall Switch (10 AMP, 230 V)	set	2.00		
	2 - 28W, 230V, 60Hz, AC Fluorescent Lighting Fixture, (Box Type)	set	12.00		
	1 - 28W, 230V, 60Hz, AC Fluorescent Lighting Fixture, (Box Type)	set	9.00		
	Orbit Fan with Fan Switch 1600 - 4500 CFM	set	8.00		
	Vibrating Bell 8"	set	1.00		
	Push Button, 10A, 230V	set	1.00		
	Fire Extinguisher,10 lbs, complete with accessories	pcs	3.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				9% of D.
F.	Contractor's Profit				8% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 10 (d)

Description: Panel Board and Cabinets

Quantity: 1.00

Output: 1.00

Unit: Ls

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	4.00		
	Skilled Laborer	1	4.00		
	Unskilled Laborer	2	4.00		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Panel Box, Circuit Breaker and Grounding System				
	Panel Box, Flush Type, 6 Branches	set	1.00		
	Circuit Breaker, 20A 2P	set	6.00		
	Circuit Breaker, 50A 2P	set	1.00		
	Grounding System				
	Grounding Rod, 2.4m x 16mm dia.	pc	1.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 11 (a)

Description: Waterline Works

Quantity: 1.00

Output: 1.00

Unit: Ls

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	40		
	Skilled Laborer	1	40		
	Unskilled Laborer	2	40		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Teflon Tape	roll	4.00		
	PP-R Pipe 1"Ø x 4.0m	pc	11.00		
	PP-R Pipe 3/4"Ø x 4.0m	pc	18.00		
	PP-R Elbow 90° x 1"Ø	pc	6.00		
	PP-R Elbow 90° x 3/4"Ø	pc	25.00		
	PP-R Tee, 3/4"Ø	pc	28.00		
	PP-R Tee Reducer, 1" x 3/4"Ø	pc	3.00		
	PP-R Plug, 3/4"Ø	pc	14.00		
	PP-R Coupling, 1"Ø	pc	6.00		
	PP-R Coupling Reducer, 1" x 3/4"Ø	pc	1.00		
	Check Valve, Horizontal, 1"Ø	pc	1.00		
	Gate Valve, 1"Ø	pc	2.00		
	Gate Valve, 3/4"Ø	pc	5.00		

C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Rain Water Collector				
	1.0m x 1.0m x 1.0m Intermediate Bulk Container (IBC), 1000L Capacity with tube cage and pallet	pc	3.00		
	Washed Sand	cu.m	0.15		
	Pebbles, 5mm	cu.m	0.10		
	Pebbles, 10mm	cu.m	0.15		
	Granulated Carbon	cu.m	0.15		
	Crushed Gravel 3/4"	cu.m	0.15		
	PVC Sanitary Pipe 4"Ø x 3.0m	pc	10.00		
	PVC Sanitary Pipe 2"Ø x 3.0m	pc	1.00		
	CPVC Pipe 2" dia.	pcs	4.00		
	CPVC Pipe 1" dia.	pcs	4.00		
	PVC Sanitary Wye 4" x 4"	pc	6.00		
	PVC Sanitary Tee 4" x 4"	pc	1.00		
	PVC Sanitary Elbow 1/8 x 4"Ø	pc	6.00		
	PVC Sanitary Elbow 90° x 4"Ø	pc	10.00		
	PVC Sanitary Elbow 90° x 2"Ø	pc	7.00		
	PVC Sanitary Elbow 90° x 1"Ø	pc	2.00		
	Brass Cleanout 4" x 4"	pc	1.00		
	Gate Valve, 4" dia.	pcs	1.00		
	Gate Valve, 2"Ø	pc	2.00		
	Gate Valve, 1"Ø	pc	1.00		
	Check Valve, Horizontal, 1"Ø	pc	1.00		
	PVC Cement	can	2.00		
	50mm Vent Screen	pcs	3.00		
	Male adapter with gasket and nuts	pcs	6.00		
	RWHT Support				
	L 100 x 100 x 6.0mm	kg	84.00		
	L 75 x 75 x 6mm	kg	311.69		
	L 65 x 65 x 6.0mm	kg	86.43		
	Steel Plate 1.20m x 2.40m x 6mm thk	pc	1.00		
	Welding Rod	kg	9.64		
	Primer, Zinc Chromate	gal	3.00		
	Pedestal/Footing	cu.m	0.09		
	Portland Cement	bag	1.00		
	Washed Sand	cu.m	0.25		
	Crushed Gravel 3/4"	cu.m	0.25		
	D10mm x 6.00 mts RSB	pc	2.00		
	D12mm x 6.00 mts RSB	pc	1.00		
	D16mm x 6.00 mts RSB	pc	1.00		
	G.I. Tie Wire	kg	0.45		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 12 (a)

Description: Sewer Line Works

Quantity: 1.00

Output : 1.00

Unit: Ls

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	16		
	Skilled Laborer	1	16		
	Unskilled Laborer	2	16		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Catch Basin	unit	16.00		
	Closet Bend, 4"	pc	5.00		
	Stainless Steel Vent Protection Screen, 2"	pc	1.00		
	PVC Sanitary Pipe 6"Ø x 3.0m	pc	3.00		
	PVC Sanitary Pipe 4"Ø x 3.0m	pc	55.00		
	PVC Sanitary Pipe 2"Ø x 3.0m	pc	21.00		
	PVC Sanitary Pipe 1-1/2"Ø	pc	6.00		
	PVC Sanitary Wye 4" x 4"	pc	33.00		
	PVC Sanitary Wye 4" x 1-1/2"	pc	7.00		
	PVC Sanitary Wye 1-1/2" x 1-1/2"	pc	7.00		
	PVC Sanitary Elbow 1/8 x 4"Ø	pc	4.00		
	PVC Sanitary Elbow 1/8 x 1-1/2"Ø	pc	14.00		
	PVC Sanitary Elbow 90° x 4"Ø	pc	24.00		

C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	PVC Sanitary Elbow 90° x 2"Ø	pc	12.00		
	PVC Sanitary Tee 6" x 6"	pc	3.00		
	PVC Sanitary Tee 4" x 4"	pc	2.00		
	PVC Sanitary Tee 2" x 2"	pc	19.00		
	PVC P-Trap 4"	pc	16.00		
	PVC P-Trap 1-1/2"	pc	7.00		
	Brass Cleanout 4" x 4"	pc	8.00		
	Roof Drain	pc	8.00		
	PVC Cement	can	4.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amian, Negros Oriental

Item: 12 (b)

Description: Sanitary/ Plumbing Fixtures

Quantity: 1.00

Output : 1.00

Unit: Ls

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	16		
	Skilled Laborer	1	16		
	Unskilled Laborer	1	16		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Water Closet 1.6gpf with Accessories	set	5		
	Water Closet Flange	set	5		
	Urinal 0.8gpf	set	2		
	Concrete Counter Sink 1 type, with Lever 1 type Faucet and Complete Accessories	set	2		
	Lavatory, Pedestal Type with Accessories	set	1		
	Faucet, Hose Bibb, Brass 1/2"Ø	pc	25		
	S.S. Grab Rail 1-1/2"Ø	set	5		
	S.S. Floor Drain 4" x 4"	set	16		
	Tissue Holder	pc	5		
	Mirror	sq.ft	24		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				9% of D.
F.	Contractor's Profit				8% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 12 (c)

Description: Three Chamber Septic Vault

Quantity: 1.00

Output : 1.00

Unit: Ls

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	96		
	Skilled Laborer	4	96		
	Unskilled Laborer	8	96		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Three Chamber Septic Vault	unit	1.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				9% of D.
F.	Contractor's Profit				8% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 13 (a)

Description: Masonry Painting

Quantity: 610.17
Output per hour: 2.10
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	290.56		
	Skilled Laborer	2	290.56		
	Unskilled Laborer	1	290.56		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Neutralizer	gal	12.20		
	Latex, Flat	gal	48.81		
	Masonry Putty	gal	30.51		
	Latex, Semi Gloss	gal	48.81		
	Acri Color	qrt	3.05		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				9% of D.
F.	Contractor's Profit				8% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 13 (b)

Description: Wooden Painting

Quantity: 285.01
Output per hour: 1.89
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	150.80		
	Skilled Laborer	2	150.80		
	Unskilled Laborer	1	150.80		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Enamel, Flatwall	gal	14.25		
	Enamel, Semi Gloss	gal	22.80		
	Glazing Putty	gal	14.25		
	Paint Thinner	gal	2.85		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 13 (c)

Description: Metal Painting

Quantity: 15.75
Output per hour: 2.00
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	7.88		
	Skilled Laborer	2	7.88		
	Unskilled Laborer	1	7.88		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Primer, Zinc Chromate	gal	1.50		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				9% of D.
F.	Contractor's Profit				8% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 14 (a)

Description: Glazed Tiles and Trims

Quantity: 59.41
Output per hour: 1.365
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	43.52		
	Skilled Laborer	5	43.52		
	Unskilled Laborer	5	43.52		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Glazed Tiles	sq.m	62.381		
	Cement	bag	19.308		
	Sand	cu.m	1.545		
	Tile Grout 5 kg/bag	bag	7.426		
	Tile Adhesive 25 kg/bag	bag	8.496		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 14 (b)

Description: Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles

Quantity: 219.84
Output per hour: 1.95
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	112.74		
	Skilled Laborer	5	112.74		
	Unskilled Laborer	5	112.74		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles	sq.m	230.832		
	Cement	bag	71.448		
	Sand	cu.m	5.716		
	Tile Grout 5 kg/bag	bag	27.480		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 15 (a)

Description: Waterproofing Cement Base

Quantity: 25.00
Output per hour: 1.875
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	13.33		
	Skilled Laborer	1	13.33		
	Unskilled Laborer	1	13.33		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Waterproofing, Cementitious	gal	25.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 16

Description: Water System

Quantity: 1.00

Output: 0.02

Unit: Ls

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	50		
	Skilled Laborer	1	50		
	Unskilled Laborer	2	50		
Sub-Total (Labor)				Php	
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)				Php	
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Water System (Water Source at Higher Elevation)				
	1-1/2"Ø uPVC Pipe (Blue)	pc	400.00		
	Coupling, 1-1/2"Ø uPVC	pc	400.00		
	90 deg Elbow, 1-1/2"Ø uPVC	pc	100.00		
	Tee, 1-1/2"Ø uPVC	pc	1.00		
	Gate Valve, 1-1/2"Ø	pc	2.00		
	PVC Primer (4 Oz.)	can	40.00		
	PVC Cement (4 Oz.)	can	40.00		

C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Filter Tank				
	1.0m x 1.0m x 1.0m Intermediate Bulk Container (IBC), 1000L Capacity with tube cage and pallet	pc	3.00		
	Washed Sand	cu.m	0.15		
	Pebbles, 5mm	cu.m	0.10		
	Pebbles, 10mm	cu.m	0.15		
	Granulated Carbon	cu.m	0.15		
	Crushed Gravel 3/4"	cu.m	0.15		
	PVC Sanitary Pipe 4"Ø x 3.0m	pc	10.00		
	PVC Sanitary Pipe 2"Ø x 3.0m	pc	1.00		
	CPVC Pipe 2" dia.	pcs	4.00		
	CPVC Pipe 1" dia.	pcs	4.00		
	PVC Sanitary Wye 4" x 4"	pc	6.00		
	PVC Sanitary Tee 4" x 4"	pc	1.00		
	PVC Sanitary Elbow 1/8 x 4"Ø	pc	6.00		
	PVC Sanitary Elbow 90° x 4"Ø	pc	10.00		
	PVC Sanitary Elbow 90° x 2"Ø	pc	7.00		
	PVC Sanitary Elbow 90° x 1"Ø	pc	2.00		
	Brass Cleanout 4" x 4"	pc	1.00		
	Gate Valve, 4" dia.	pcs	1.00		
	Gate Valve, 2"Ø	pc	2.00		
	Gate Valve, 1"Ø	pc	1.00		
	Check Valve, Horizontal, 1"Ø	pc	1.00		
	PVC Cement	can	2.00		
	50mm Vent Screen	pcs	3.00		
	Male adapter with gasket and nuts	pcs	6.00		
	Chlorine Solution Tank				
	Dosing Pump with 100 Liters Capacity Chlorine Solution Tank	set	1.00		
Sub-Total (Materials)				Php	
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 17 (a)

Description: Solar PV Power System

Quantity: 1.00
Output: 0.02
Unit: Ls

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	16.00		
	Skilled Laborer	2	16.00		
	Unskilled Laborer	4	16.00		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	16 kw off-grid Solar Panels (complete set including delivery,installations, testing and commissioning) 40 x 450w Monocrystalline Solar Panels Solar Charge Controller, MPPT, 4x80A, Maximum Voc 500v, 48 Vdc System Battery (LifePO4) rated 46 x 250 Ah, nominal voltage 12 volts @ 80% DOD PSW Inverter 4x3.5kW, 48Vdc System Complete Roof/ Area Mounting Kit w/ Security PV Combiner Box MC4 Connectors Power Distribution Panels Required Inter-Connection Wires Safety Devices (PV Switch, DC Isolator, AC isolator , DC Circuit Breaker, DC MCB , DC Surge protection,AC MCB, AC Surge protection)	set	1.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				9% of D.
F.	Contractor's Profit				8% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 17 (b)

Description: Charging Station

Quantity: 1.00

Output: 0.13

Unit: Ls

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	16.00		
	Skilled Laborer	2	16.00		
	Unskilled Laborer	4	16.00		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Roughing-ins				
	Electrical Conduit uPVC, 15mmØ	pc	8.00		
	RSC 20mmØ	pc	1.00		
	Junction Box, 4" x 4" G.I.	pc	6.00		
	Utility Box, 2" x 4" G.I.	pc	25.00		
	Grounding Rod, 2.4m x 16mm dia.	pc	1.00		
	Wires and Fixtures				
	3.5 mm ² THHN Wire, Stranded	m	192.00		
	Duplex C.O. with Plate	pc	20.00		
	Charging C.O. Panelling	set	1.00		
	18W Compact Fluorescent Lighting Fixture with Medium Keyless type Porcelain Receptacle (surfaced ceiling mounted)	pc	1.00		
	Circuit Breaker 10A, 2P	pc	3.00		
	Electrical Tape	pc	1.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)			9% of D.	
F.	Contractor's Profit			8% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 17 (c)

Description: Perimeter Solar Lighting System

Quantity: 1.00

Output: 0.01

Unit: Ls

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	16.00		
	Skilled Laborer	1	16.00		
	Unskilled Laborer	2	16.00		
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Complete Set 6000k CCT, Crisp White Auto switch On/Off, Wire-less, Pole-mount Gl Lamp Pole, 6 Meters Height	set	6.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				9% of D.
F.	Contractor's Profit				8% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED CONSTRUCTION OF ONE (1) STOREY - TWO (2) CLASSROOMS SCHOOL BUILDING (WITH COMMON TOILET) WITH PROVISION OF RAINWATER COLLECTOR, SCHOOL FURNITURE, SOLAR PV ENERGY SYSTEM, AND WATER SYSTEM

Location: Amlan, Negros Oriental

Item: 18

Description: Furniture

Quantity: 1.00

Output: 1.00

Unit: Ls

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
Sub-Total (Labor)					Php
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Individual Learner's table and chair (refer to DepEd Furniture Specs/Plans) Learner's table (Wood & Steel) Learner's chair (HDPE Plastic & Steel)	set	90.00		
	Teacher 's table and chair(refer to DepEd Furniture Specs/Plans) Teacher's table (Wood & Steel) Teacher's chair (HDPE Plastic & Steel)	set	2.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				9% of D.
F.	Contractor's Profit				8% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

CONTRACTOR'S LOGO AND HEADER

EQUIPMENT RENTAL RATES

Note: Add all other equipment rental rates needed for the said project at the given space below.

I.D. NO.	Description	Hourly Rate
a	Backhoe (0.80 cu.m.)	
b	Dump Truck (12 cu.yd.)	
c	Payloader (1.5 cu.m.)	
d	Bulldozer (155 Hp)	
e	Cargo truck (10T 270 Hp)	
f	Self Loading Truck and Accessories	
g	Water Truck (16000 L)	
h	Plate Compactor (5hp)	
i	Concrete Vibrator	
j	Pumpcrete	
k	Bar Cutter	
l	Bar Bender	
m	One - bagger Mixer	
n	Welding Machine	
o	Cutting Outfit	
p	Chainsaw	
q	Truck Mounted Crane (20 - 25mT)	
OTHERS		
	Jack Hammer Drill	
	H - Frame 1.7m x 1.2m	
	Electric Grinder	
	Electric Hand Drill	

Prepared by:

Signature above Printed Name
Contractor's Authorized Representative

Reiterating Section III, Bid Data Sheet, ITB Clause 21, that this procuring entity (PE) will adopt to the Department of Public Works and Highways' (DPWH Blue Book) Standard Specifications for Public Works Structures. On this regard, PE is requiring the contractor's Materials Engineer to prepare detailed Quality Control Program (QCP) based on the Program of Works (POW) for this project.

The minimum number of tests to be performed must be based on the DPWH Blue Book - Standard Specifications for Public Works Structures (the latest volume). All tests must yield passing result.

The detailed Quality Control Program (QCP) must be:

1. Signed as Prepared by the contractor's Materials Engineer;
2. Signed as conforme by the contractor;
3. Signed as reviewed by the DepEd, Division Engineer;
4. Signed for recommending approval by DepEd, SGOD Chief ;
5. Signed as approved by the DepEd, Schools Division of Negros Oriental.

Furthermore, QCP must be typed or written in ink, and shall bear the following:

1. Contractor's Logo / Header;
2. Contract Identification Number;
3. Name of the Project;
4. Location of the Project;
5. Contract Price;
6. Date received of NTP;
7. Contract Duration (in Calendar Days); and
8. Test Results / Certificates as supporting documents.

Section VII. Drawings

Prospective bidders will be provided with an electronic copy of the plans upon purchase of this bidding document.

ARCHITECTURAL PLAN

(One (1) Storey Two (2) Classrooms School Building with Common Toilet at one side)

ARCHITECTURAL

A-1 TABLE OF CONTENTS

A-2 FLOOR PLAN

A-3 ROOF PLAN

A-4 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-5 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-6 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-7 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-8 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-9 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-10 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-11 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-12 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-13 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-14 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-15 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-16 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-17 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-18 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-19 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-20 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-21 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-22 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-23 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-24 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-25 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-26 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-27 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-28 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-29 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-30 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-31 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-32 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-33 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-34 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-35 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-36 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-37 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-38 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-39 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-40 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-41 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-42 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-43 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-44 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-45 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-46 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-47 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-48 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-49 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-50 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-51 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-52 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-53 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-54 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-55 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-56 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-57 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-58 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-59 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-60 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-61 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-62 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-63 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-64 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-65 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-66 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-67 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-68 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-69 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-70 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-71 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-72 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-73 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-74 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-75 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-76 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-77 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-78 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-79 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-80 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-81 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-82 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-83 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-84 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-85 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-86 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-87 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-88 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-89 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-90 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-91 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-92 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-93 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-94 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-95 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-96 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-97 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-98 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

A-99 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT

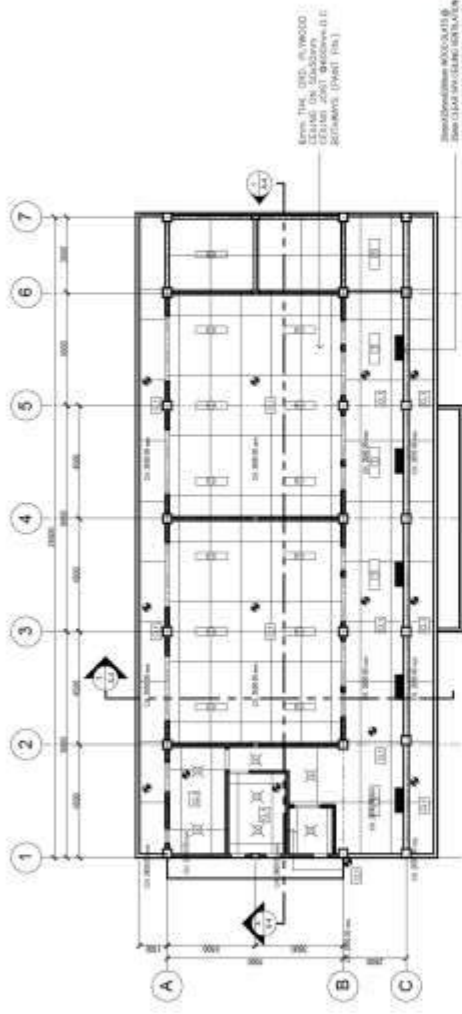
A-100 MECHANICAL/ELECTRICAL/PLUMBING (MEEP) LAYOUT



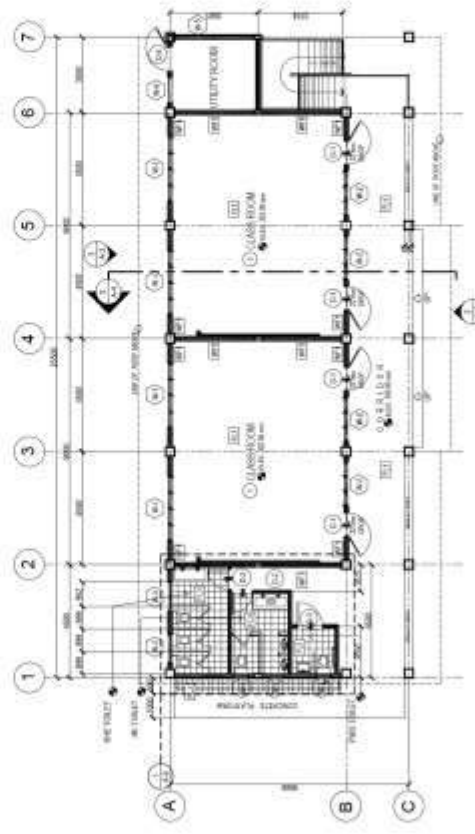
PERSPECTIVE

SCHEDULE OF FINISHES

FLOOR FINISHES	
FL-1	1/2" x 3/4" x 12" POLISHED CEMENT TILE FLOOR (STANDARD COLOR)
FL-2	1/2" x 3/4" x 12" POLISHED CEMENT FLOOR (MATCHING FL-1)
FL-3	1/2" x 3/4" x 12" POLISHED CEMENT FLOOR (MATCHING FL-1)
FL-4	1/2" x 3/4" x 12" POLISHED CEMENT FLOOR (MATCHING FL-1)
WALL FINISHES	
WF-1	1/2" x 3/4" x 12" POLISHED CEMENT TILE FLOOR (STANDARD COLOR)
WF-2	1/2" x 3/4" x 12" POLISHED CEMENT FLOOR (MATCHING FL-1)
WF-3	1/2" x 3/4" x 12" POLISHED CEMENT FLOOR (MATCHING FL-1)
WF-4	1/2" x 3/4" x 12" POLISHED CEMENT FLOOR (MATCHING FL-1)
CEILING FINISHES	
CE-1	1/2" x 3/4" x 12" POLISHED CEMENT TILE FLOOR (STANDARD COLOR)
CE-2	1/2" x 3/4" x 12" POLISHED CEMENT FLOOR (MATCHING FL-1)
CE-3	1/2" x 3/4" x 12" POLISHED CEMENT FLOOR (MATCHING FL-1)
CE-4	1/2" x 3/4" x 12" POLISHED CEMENT FLOOR (MATCHING FL-1)



1 REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

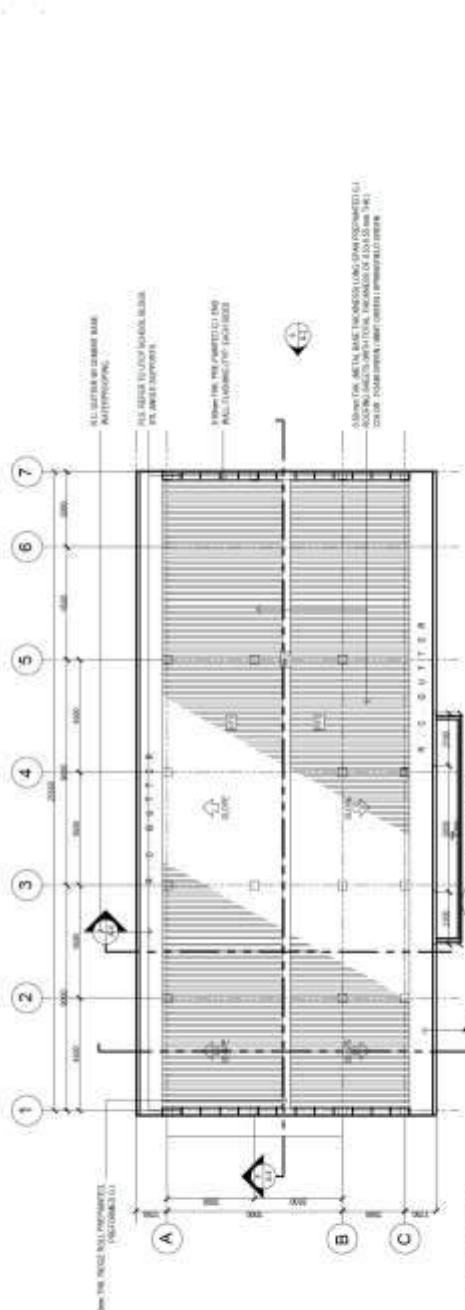


7 FLOOR PLAN
SCALE: 1/8" = 1'-0"

 STATE OF TENNESSEE DEPARTMENT OF EDUCATION DepEd EDUCATION FACILITIES DIVISION 400 WEST END AVENUE, NASHVILLE, TENNESSEE 37203	PROJECT TITLE: ADDED STANDARD WIFE ONE (1) STORY, TWO (2) CLASSROOM (WITH COMMON TUBS) (ONE BSE)	PROJECT CODE: DEPARTMENT OF EDUCATION DepEd REFLECTED CEILING PLAN FLOOR PLAN	SHEET NO.: A-2 7
	ARCHITECT: JEFF BISHOP, P.E., AIA 1000 W. END AVENUE SUITE 200 NASHVILLE, TN 37203	REGISTERED ARCHITECT: ANDREW W. HANCOCK 1000 W. END AVENUE SUITE 200 NASHVILLE, TN 37203	APPROVED BY: ALAN DEWEY PROCTOR SUPERVISOR OF CONSTRUCTION

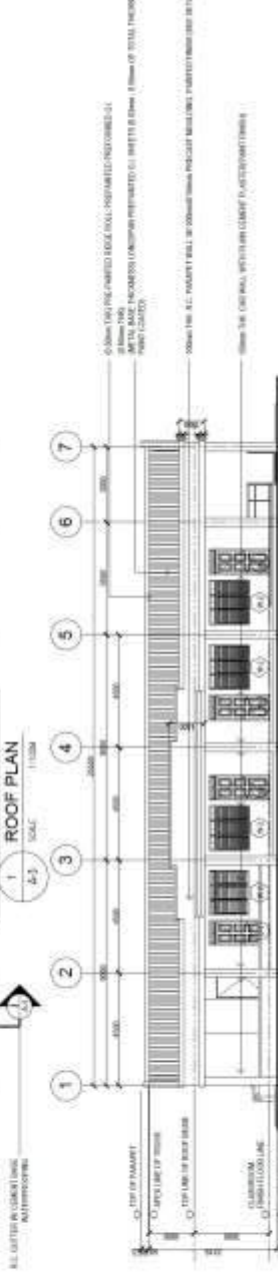
NOTE:

REMOVE FROM THE SUBMITTAL TYPE FLEXIBLE THERMAL INSULATION BY REEVALUATING FOR SCHOOL BUILDING SITE LOCATED IN A SEISMIC ZONE. PROVIDE THE CORRECT SEISMIC DESIGN CATEGORY. PROVIDE THE CORRECT SEISMIC DESIGN CATEGORY. PROVIDE THE CORRECT SEISMIC DESIGN CATEGORY. PROVIDE THE CORRECT SEISMIC DESIGN CATEGORY. PROVIDE THE CORRECT SEISMIC DESIGN CATEGORY.



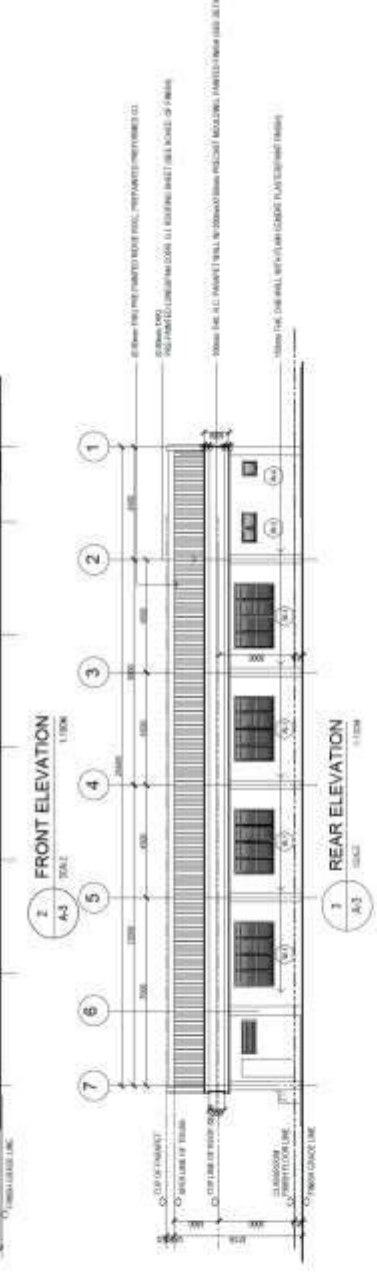
NOTE:

REMOVE FROM THE SUBMITTAL TYPE FLEXIBLE THERMAL INSULATION BY REEVALUATING FOR SCHOOL BUILDING SITE LOCATED IN A SEISMIC ZONE. PROVIDE THE CORRECT SEISMIC DESIGN CATEGORY. PROVIDE THE CORRECT SEISMIC DESIGN CATEGORY. PROVIDE THE CORRECT SEISMIC DESIGN CATEGORY. PROVIDE THE CORRECT SEISMIC DESIGN CATEGORY. PROVIDE THE CORRECT SEISMIC DESIGN CATEGORY.



NOTE:

REMOVE FROM THE SUBMITTAL TYPE FLEXIBLE THERMAL INSULATION BY REEVALUATING FOR SCHOOL BUILDING SITE LOCATED IN A SEISMIC ZONE. PROVIDE THE CORRECT SEISMIC DESIGN CATEGORY. PROVIDE THE CORRECT SEISMIC DESIGN CATEGORY. PROVIDE THE CORRECT SEISMIC DESIGN CATEGORY. PROVIDE THE CORRECT SEISMIC DESIGN CATEGORY. PROVIDE THE CORRECT SEISMIC DESIGN CATEGORY.



DelPED

 DEPARTMENT OF EDUCATION

ARCHITECT: JAMES P. O'LEARY

ARCHITECT: JAMES P. O'LEARY

ARCHITECT: JAMES P. O'LEARY

ARCHITECT: JAMES P. O'LEARY

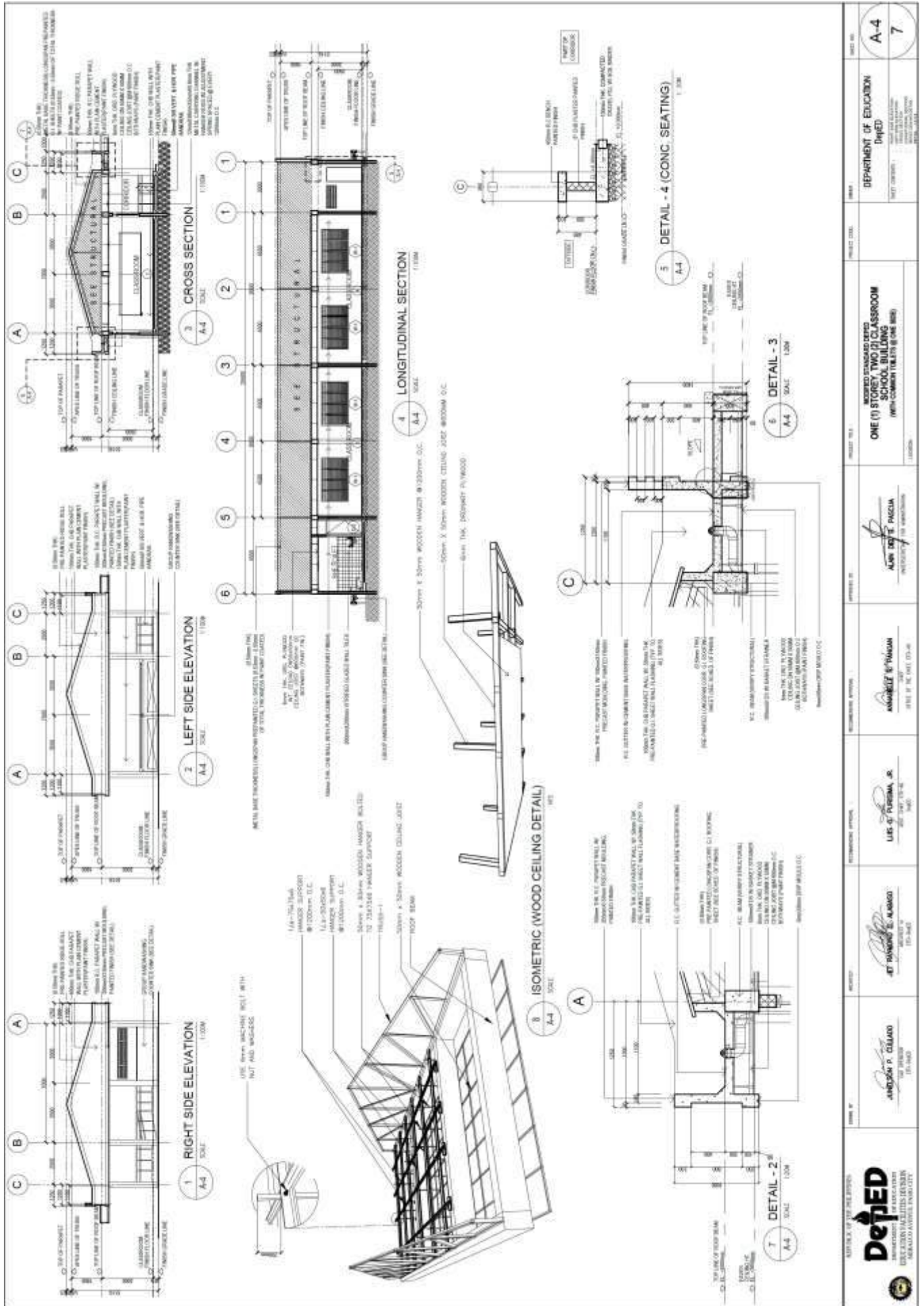
ARCHITECT: JAMES P. O'LEARY

PROJECT TITLE: ONE (1) STONEY WOOD CLASSROOM

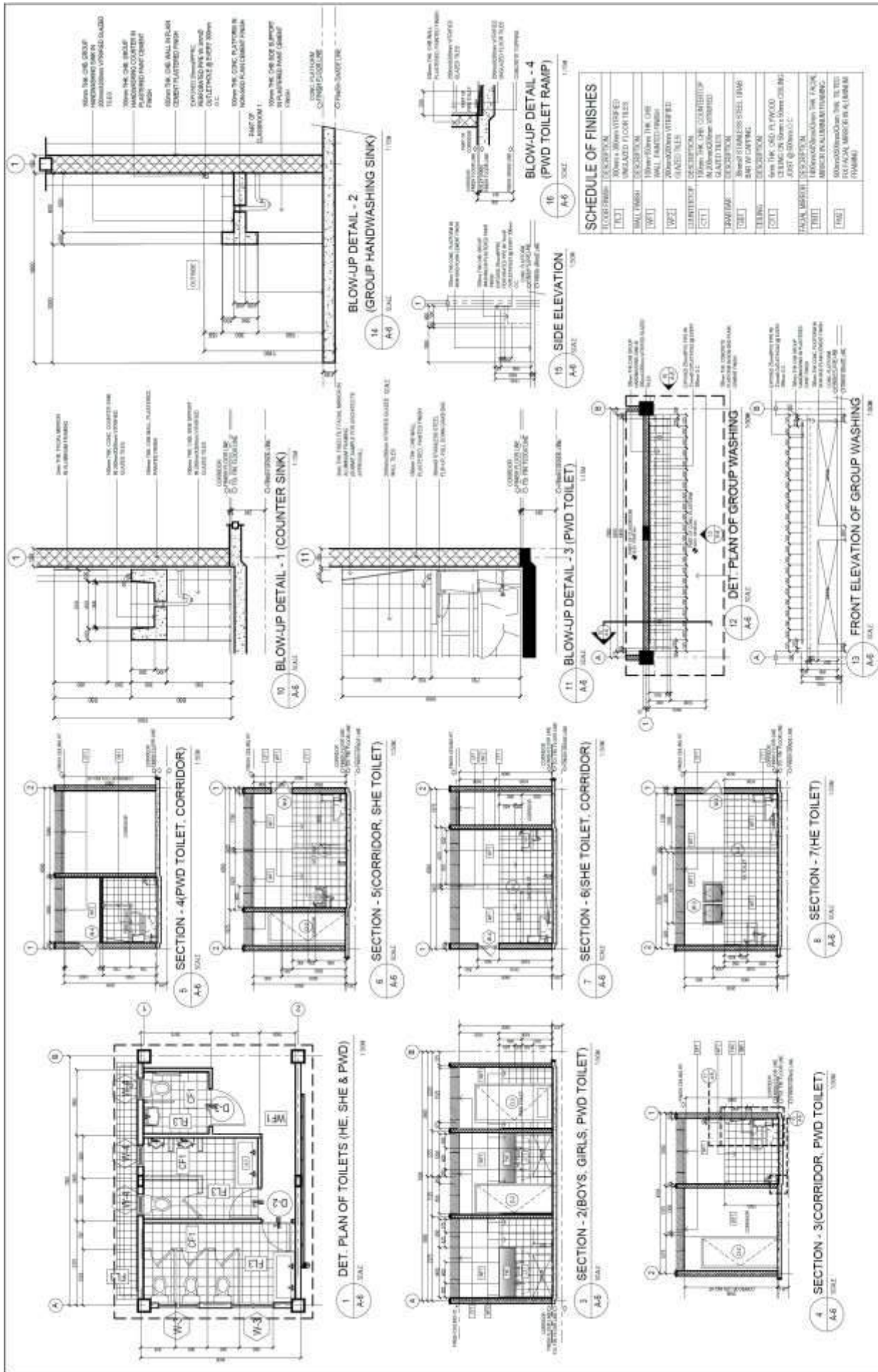
DEPARTMENT OF EDUCATION

SHEET NO. **A-3**

 OF **7**



	REPUBLIC OF THE PHILIPPINES DepEd DEPARTMENT OF EDUCATION DIVISION OFFICE - CALABARZON DIVISION OFFICE - CALABARZON DIVISION OFFICE - CALABARZON	PROJECT TITLE: ONE (1) STOREY TWO (2) CLASSROOM (WITH COMMON TOILET AND BATH)	ARCHITECT: ALAN JOSE T. PASICA REGISTERED ARCHITECT	REGISTERING ARCHITECT: ANABELLE W. PAGAN REGISTERED ARCHITECT	REGISTERING ARCHITECT: LIZA S. PURISMA, JR. REGISTERED ARCHITECT	REGISTERING ARCHITECT: ATTY. RODERICK S. AMARGO REGISTERED ARCHITECT	REGISTERING ARCHITECT: ARDAN P. CELADO REGISTERED ARCHITECT	SHEET NO. A-4 OF 7
	DEPARTMENT OF EDUCATION DIVISION OFFICE - CALABARZON DIVISION OFFICE - CALABARZON DIVISION OFFICE - CALABARZON	PROJECT NO. 1: ONE (1) STOREY TWO (2) CLASSROOM (WITH COMMON TOILET AND BATH)	PROJECT NO. 2: ONE (1) STOREY TWO (2) CLASSROOM (WITH COMMON TOILET AND BATH)	PROJECT NO. 3: ONE (1) STOREY TWO (2) CLASSROOM (WITH COMMON TOILET AND BATH)	PROJECT NO. 4: ONE (1) STOREY TWO (2) CLASSROOM (WITH COMMON TOILET AND BATH)	PROJECT NO. 5: ONE (1) STOREY TWO (2) CLASSROOM (WITH COMMON TOILET AND BATH)	PROJECT NO. 6: ONE (1) STOREY TWO (2) CLASSROOM (WITH COMMON TOILET AND BATH)	PROJECT NO. 7: ONE (1) STOREY TWO (2) CLASSROOM (WITH COMMON TOILET AND BATH)




DEPED
 DEPARTMENT OF EDUCATION
 BUILDRON QUALITY EDUCATION
 BRISONG NATURAL INHERITANCE

PROJECT NO: **A-6**
 SHEET NO: **7**

DEPARTMENT OF EDUCATION
 DepEd

PROJECT TITLE:
MOORED STANDARD (USED ONE (1) STOREY, TWO (2) CLASSROOM SCHOOL BUILDING (WITH COMMON TOILETS @ ONE SIDE))

ARCHITECT:
ANABELLE R. PUGON
 REGISTERED ARCHITECT
 OFFICE: 100 CALISTO ST. #14

ARCHITECTURE FIRM:
LOE & PETERSON, JR.
 REGISTERED ARCHITECTS
 OFFICE: 100 CALISTO ST. #14

ARCHITECT:
AT SYMONS & NUENDO
 REGISTERED ARCHITECTS
 OFFICE: 100 CALISTO ST. #14

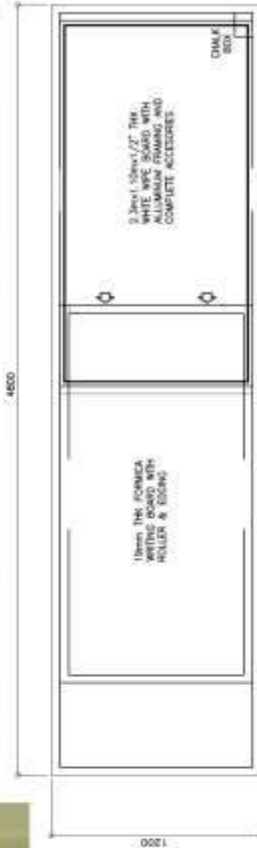
ARCHITECT:
JANICE P. CLAYCO
 REGISTERED ARCHITECT
 OFFICE: 100 CALISTO ST. #14

ARCHITECT:
ANABELLE R. PUGON
 REGISTERED ARCHITECT
 OFFICE: 100 CALISTO ST. #14

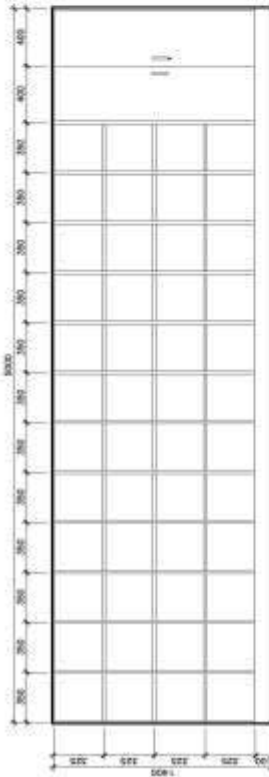
ARCHITECT:
LOE & PETERSON, JR.
 REGISTERED ARCHITECTS
 OFFICE: 100 CALISTO ST. #14

ARCHITECT:
AT SYMONS & NUENDO
 REGISTERED ARCHITECTS
 OFFICE: 100 CALISTO ST. #14

ARCHITECT:
JANICE P. CLAYCO
 REGISTERED ARCHITECT
 OFFICE: 100 CALISTO ST. #14



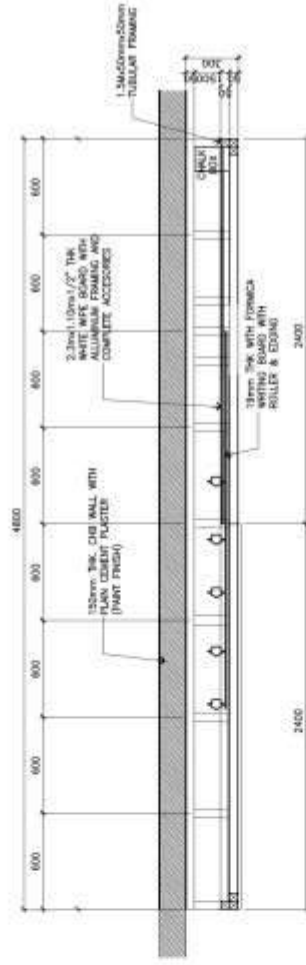
FRONT ELEVATION



ELEVATION



SIDE



PLAN

BLACKBOARD

ITEM	DESCRIPTION	REMARKS	TECHNICAL SPECIFICATION
A	SHEDDARD	2-350mm x 1400mm x 18mm (3/4") PL/WOOD	WOOD-smooth finish w/ at least 3 coats of top seal enamel (white)
B	VERTICAL BOARD	1-350mm x 1300mm x 18mm (3/4") PL/WOOD	ALL EDGES-convexed w/ Poly
C	WOODEN BOARD	1-350mm x 1300mm x 18mm (3/4") PL/WOOD	
D	HORIZONTAL BOARD	1-350mm x 2000mm x 18mm (3/4") PL/WOOD	
E	WOOD EDGING	3/4" X 3/4"	

DESIGNED BY: *Joselyn*
 JACOBSON P. COLLADO
 3/4/2018

CHECKED BY: *[Signature]*
 DELACRUZ, C. AUGUSTO
 3/4/2018

RECOMMEND APPROVAL: *[Signature]*
 LUIS J. PURISIMA, Jr.
 3/4/2018

RECOMMEND APPROVAL: *[Signature]*
 ANNELORE R. TANGCO
 3/4/2018

APPROVED BY: *[Signature]*
 ALAN DE J. PASCUA
 3/4/2018

PROJECT TITLE: MODERN CLASSROOM DEPED ONE (1) STOREY, TWO (2) CLASSROOM (WITH COMMON TOILETS) (ONE BLDG)
 PROJECT CODE: DEPARTMENT OF EDUCATION DepEd MALABON CLASSROOM CABINET (BLACKBOARD)
 SHEET NO: A-7
 7

STRUCTURAL PLAN

(One (1) Storey Two (2) Classrooms School Building with Common
Toilets at One Side)

GENERAL CONSTRUCTION NOTES

TABLE A/1
REINFORCING CONCRETE UNITS BEAMS IN CONCRETE BLOCK WALLS

TABLE OF LAP SPICES & ANCHORAGE LENGTHS (MM)

BAR SIZE	LAPTED		LAPPED	
	DEVELOPMENT	ANCHORAGE	DEVELOPMENT	ANCHORAGE
8mm	300	200	300	200
10mm	350	250	350	250
12mm	400	300	400	300
16mm	500	400	500	400
20mm	600	500	600	500
25mm	750	600	750	600

NOTES:
1. LAP SPICES SHALL BE AS SHOWN IN THE DRAWINGS.
2. LAP SPICES SHALL BE PROVIDED AT ALL JOINTS.

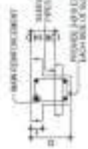
TABLE A/2
REINFORCING CONCRETE UNITS BEAMS IN CONCRETE BLOCK WALLS

TABLE OF LAP SPICES & ANCHORAGE LENGTHS (MM)

BAR SIZE	LAPTED		LAPPED	
	DEVELOPMENT	ANCHORAGE	DEVELOPMENT	ANCHORAGE
8mm	300	200	300	200
10mm	350	250	350	250
12mm	400	300	400	300
16mm	500	400	500	400
20mm	600	500	600	500
25mm	750	600	750	600

NOTES:
1. LAP SPICES SHALL BE AS SHOWN IN THE DRAWINGS.
2. LAP SPICES SHALL BE PROVIDED AT ALL JOINTS.

- IF THE REINFORCING BARS ARE TO BE USED IN A WALL, THE CLEAR DISTANCE FROM THE END TO THE END OF EACH BAR SHALL BE NOT LESS THAN 50mm. THE CLEAR DISTANCE BETWEEN BARS SHALL NOT BE LESS THAN 50mm. THE CLEAR DISTANCE BETWEEN BARS SHALL NOT BE LESS THAN 50mm.
- IF THERE ARE TWO OR MORE LAYERS OF REINFORCING BARS, THE BARS IN EACH LAYER SHALL BE SPACED AT 100mm OR LESS, UNLESS OTHERWISE SPECIFIED.
- IF THERE ARE TWO OR MORE LAYERS OF REINFORCING BARS, THE BARS IN EACH LAYER SHALL BE SPACED AT 100mm OR LESS, UNLESS OTHERWISE SPECIFIED.
- IF THERE ARE TWO OR MORE LAYERS OF REINFORCING BARS, THE BARS IN EACH LAYER SHALL BE SPACED AT 100mm OR LESS, UNLESS OTHERWISE SPECIFIED.
- IF THERE ARE TWO OR MORE LAYERS OF REINFORCING BARS, THE BARS IN EACH LAYER SHALL BE SPACED AT 100mm OR LESS, UNLESS OTHERWISE SPECIFIED.



TYP. DET. FOR SLEEVES THRU CONCRETE BEAM (AS 8.2)



TYP. DET. FOR SLEEVES THRU CONCRETE BEAM (AS 8.3)

- IF THERE ARE TWO OR MORE LAYERS OF REINFORCING BARS, THE BARS IN EACH LAYER SHALL BE SPACED AT 100mm OR LESS, UNLESS OTHERWISE SPECIFIED.
- IF THERE ARE TWO OR MORE LAYERS OF REINFORCING BARS, THE BARS IN EACH LAYER SHALL BE SPACED AT 100mm OR LESS, UNLESS OTHERWISE SPECIFIED.
- IF THERE ARE TWO OR MORE LAYERS OF REINFORCING BARS, THE BARS IN EACH LAYER SHALL BE SPACED AT 100mm OR LESS, UNLESS OTHERWISE SPECIFIED.
- IF THERE ARE TWO OR MORE LAYERS OF REINFORCING BARS, THE BARS IN EACH LAYER SHALL BE SPACED AT 100mm OR LESS, UNLESS OTHERWISE SPECIFIED.
- IF THERE ARE TWO OR MORE LAYERS OF REINFORCING BARS, THE BARS IN EACH LAYER SHALL BE SPACED AT 100mm OR LESS, UNLESS OTHERWISE SPECIFIED.

NOTES ON CONCRETE HOLLOW BLOCKS WALLS

- IF THERE ARE TWO OR MORE LAYERS OF REINFORCING BARS, THE BARS IN EACH LAYER SHALL BE SPACED AT 100mm OR LESS, UNLESS OTHERWISE SPECIFIED.
- IF THERE ARE TWO OR MORE LAYERS OF REINFORCING BARS, THE BARS IN EACH LAYER SHALL BE SPACED AT 100mm OR LESS, UNLESS OTHERWISE SPECIFIED.
- IF THERE ARE TWO OR MORE LAYERS OF REINFORCING BARS, THE BARS IN EACH LAYER SHALL BE SPACED AT 100mm OR LESS, UNLESS OTHERWISE SPECIFIED.
- IF THERE ARE TWO OR MORE LAYERS OF REINFORCING BARS, THE BARS IN EACH LAYER SHALL BE SPACED AT 100mm OR LESS, UNLESS OTHERWISE SPECIFIED.
- IF THERE ARE TWO OR MORE LAYERS OF REINFORCING BARS, THE BARS IN EACH LAYER SHALL BE SPACED AT 100mm OR LESS, UNLESS OTHERWISE SPECIFIED.

TABLE A/3
REINFORCING CONCRETE UNITS BEAMS IN CONCRETE BLOCK WALLS

TABLE OF LAP SPICES & ANCHORAGE LENGTHS (MM)

BAR SIZE	LAPTED		LAPPED	
	DEVELOPMENT	ANCHORAGE	DEVELOPMENT	ANCHORAGE
8mm	300	200	300	200
10mm	350	250	350	250
12mm	400	300	400	300
16mm	500	400	500	400
20mm	600	500	600	500
25mm	750	600	750	600

NOTES:
1. LAP SPICES SHALL BE AS SHOWN IN THE DRAWINGS.
2. LAP SPICES SHALL BE PROVIDED AT ALL JOINTS.

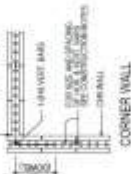
REINFORCING CONCRETE UNITS BEAMS IN CONCRETE BLOCK WALLS

TABLE A/4
REINFORCING CONCRETE UNITS BEAMS IN CONCRETE BLOCK WALLS

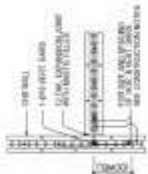
TABLE OF LAP SPICES & ANCHORAGE LENGTHS (MM)

BAR SIZE	LAPTED		LAPPED	
	DEVELOPMENT	ANCHORAGE	DEVELOPMENT	ANCHORAGE
8mm	300	200	300	200
10mm	350	250	350	250
12mm	400	300	400	300
16mm	500	400	500	400
20mm	600	500	600	500
25mm	750	600	750	600

NOTES:
1. LAP SPICES SHALL BE AS SHOWN IN THE DRAWINGS.
2. LAP SPICES SHALL BE PROVIDED AT ALL JOINTS.

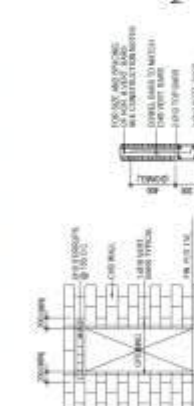


CORNER WALL



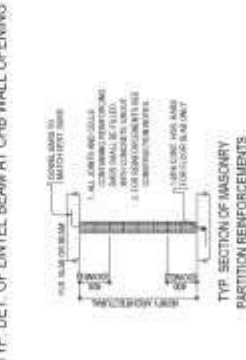
INTERSECTION WALL

INTERSECTING R.C. COLUMN OR WALL



INTERSECTING R.C. COLUMN OR WALL

TYP. DET. OF LINTEL BEAM AT C/H WALL OPENING



TYP. DET. OF LINTEL BEAM AT C/H WALL OPENING



TYPICAL CONNECTION DETAIL OF R.C. WALL AT CORNERS

- NOTES ON STRIPS
- ALL REINFORCEMENT SHALL BE BENT TO 90 DEGREES.
 - CONCRETE SHALL BE CASTED IN THE TYPICAL DIRECTION.
 - REINFORCEMENT SHALL BE CASTED IN THE TYPICAL DIRECTION.
 - REINFORCEMENT SHALL BE CASTED IN THE TYPICAL DIRECTION.

- NOTES ON STRIPPIES
- ALL REINFORCEMENT SHALL BE BENT TO 90 DEGREES.
 - CONCRETE SHALL BE CASTED IN THE TYPICAL DIRECTION.
 - REINFORCEMENT SHALL BE CASTED IN THE TYPICAL DIRECTION.
 - REINFORCEMENT SHALL BE CASTED IN THE TYPICAL DIRECTION.

- NOTES ON STRIPPIES
- ALL REINFORCEMENT SHALL BE BENT TO 90 DEGREES.
 - CONCRETE SHALL BE CASTED IN THE TYPICAL DIRECTION.
 - REINFORCEMENT SHALL BE CASTED IN THE TYPICAL DIRECTION.
 - REINFORCEMENT SHALL BE CASTED IN THE TYPICAL DIRECTION.

- NOTES ON STRIPPIES
- ALL REINFORCEMENT SHALL BE BENT TO 90 DEGREES.
 - CONCRETE SHALL BE CASTED IN THE TYPICAL DIRECTION.
 - REINFORCEMENT SHALL BE CASTED IN THE TYPICAL DIRECTION.
 - REINFORCEMENT SHALL BE CASTED IN THE TYPICAL DIRECTION.

- NOTES ON STRIPPIES
- ALL REINFORCEMENT SHALL BE BENT TO 90 DEGREES.
 - CONCRETE SHALL BE CASTED IN THE TYPICAL DIRECTION.
 - REINFORCEMENT SHALL BE CASTED IN THE TYPICAL DIRECTION.
 - REINFORCEMENT SHALL BE CASTED IN THE TYPICAL DIRECTION.

- NOTES ON STRIPPIES
- ALL REINFORCEMENT SHALL BE BENT TO 90 DEGREES.
 - CONCRETE SHALL BE CASTED IN THE TYPICAL DIRECTION.
 - REINFORCEMENT SHALL BE CASTED IN THE TYPICAL DIRECTION.
 - REINFORCEMENT SHALL BE CASTED IN THE TYPICAL DIRECTION.

- NOTES ON STRIPPIES
- ALL REINFORCEMENT SHALL BE BENT TO 90 DEGREES.
 - CONCRETE SHALL BE CASTED IN THE TYPICAL DIRECTION.
 - REINFORCEMENT SHALL BE CASTED IN THE TYPICAL DIRECTION.
 - REINFORCEMENT SHALL BE CASTED IN THE TYPICAL DIRECTION.

REPUBLIC OF THE PHILIPPINES
DepEd
DEPARTMENT OF EDUCATION
DIVISION OFFICE - DAVAO

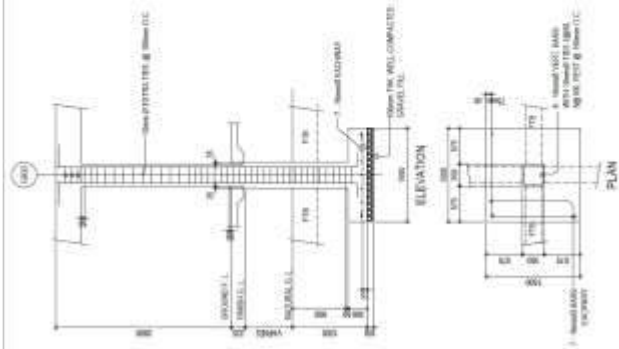
APPROVED BY: *[Signature]*
SCHOOL DIVISION OFFICER

APPROVED BY: *[Signature]*
SCHOOL DIVISION OFFICER

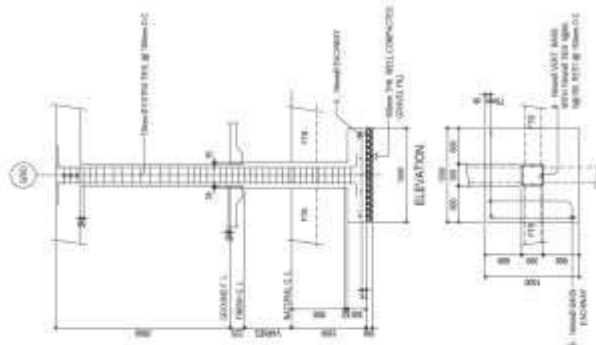
APPROVED BY: *[Signature]*
SCHOOL DIVISION OFFICER

APPROVED BY: *[Signature]*
SCHOOL DIVISION OFFICER

DEPARTMENT OF EDUCATION
DAVAO
SCHOOL DIVISION OFFICER
GENERAL CONSTRUCTION NOTES
PAGE NO. 8
S-2



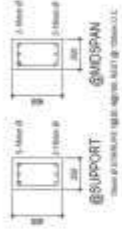
F-1, C-1



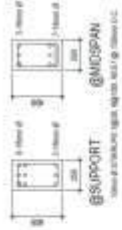
F-2, C-2



FTB-1

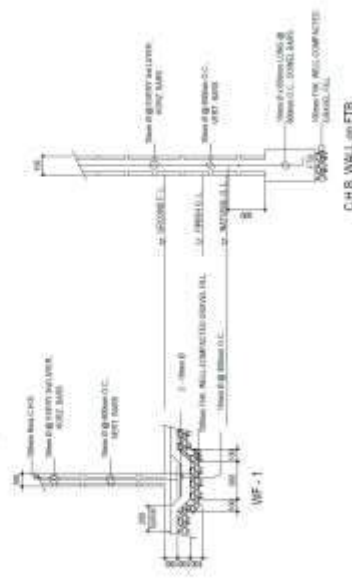


FTB-2

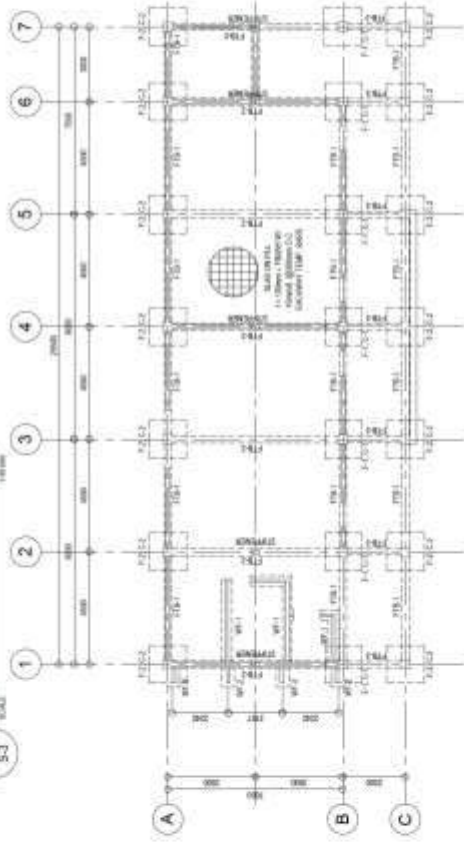


FTB-3

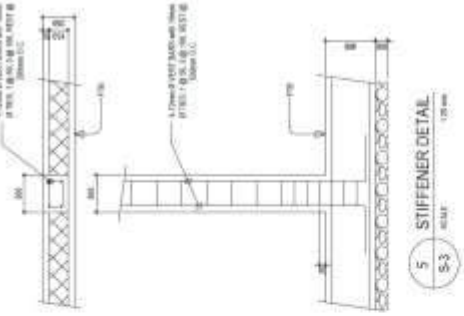
4 DETAIL OF FOOTING TIE BEAMS
S-3 SCALE
1/8\"/>



3 DETAILS OF WALL-FOOTINGS
S-3 SCALE
1/8\"/>

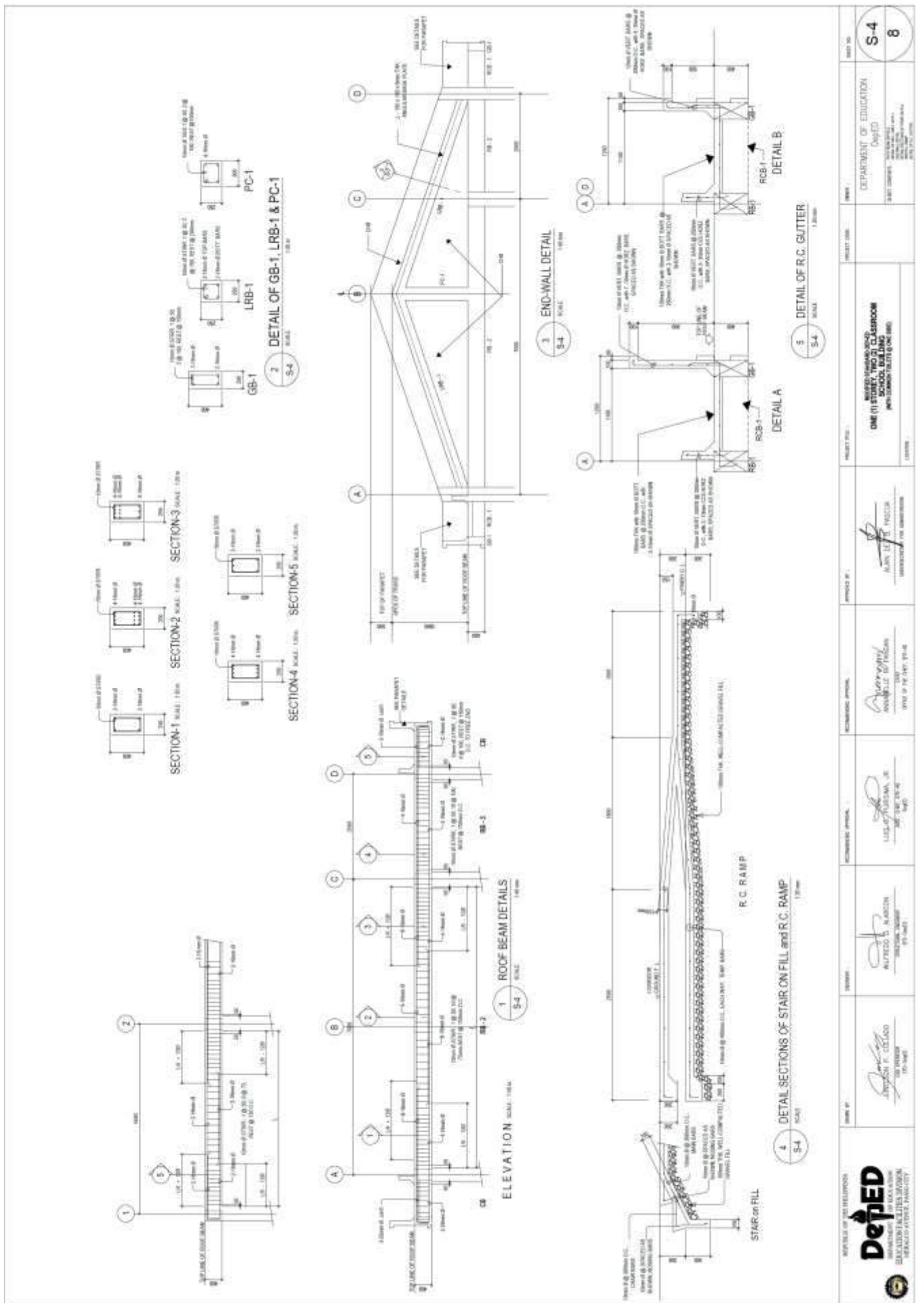


1 FOUNDATION PLAN
S-3 SCALE
1/8\"/>

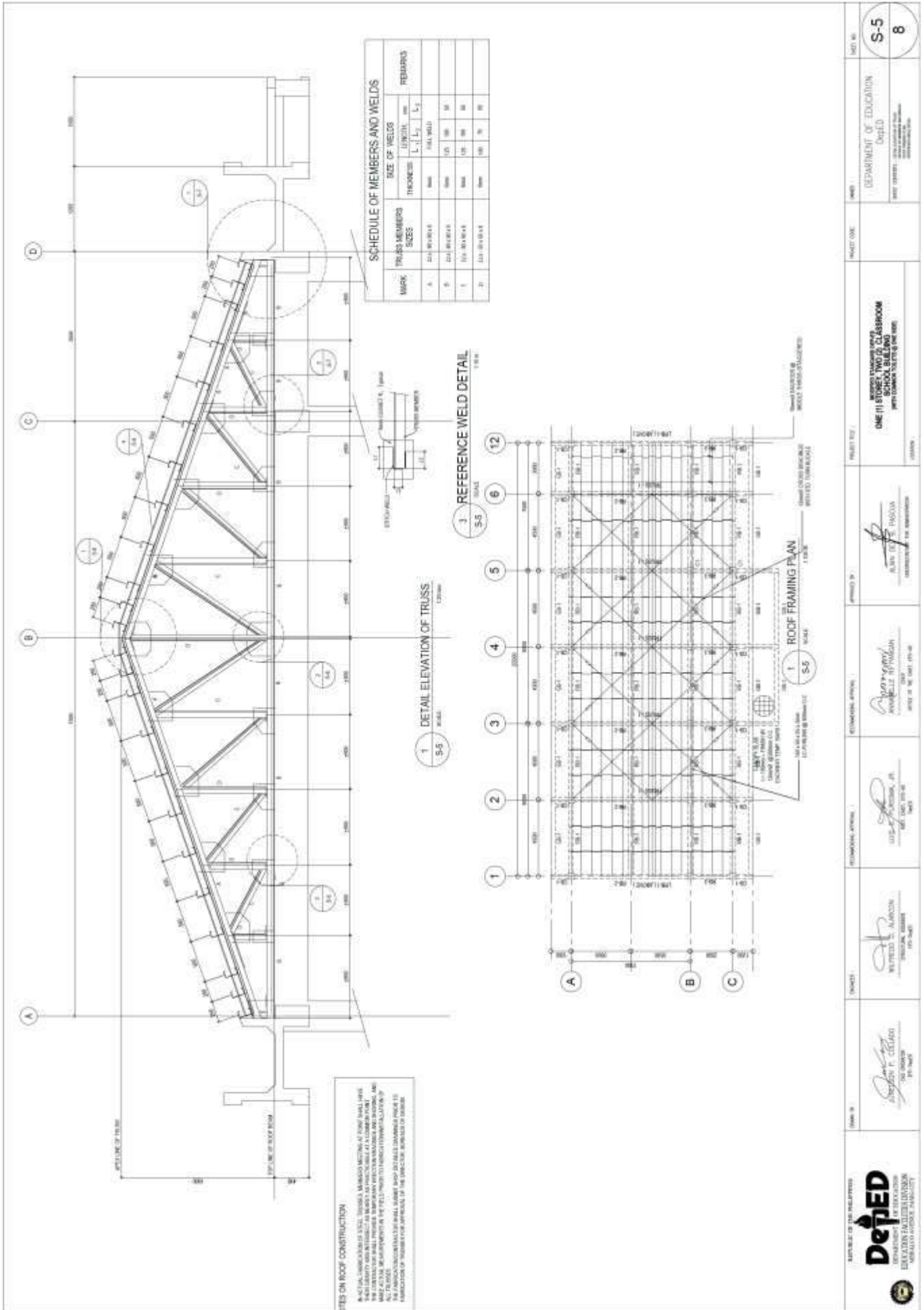


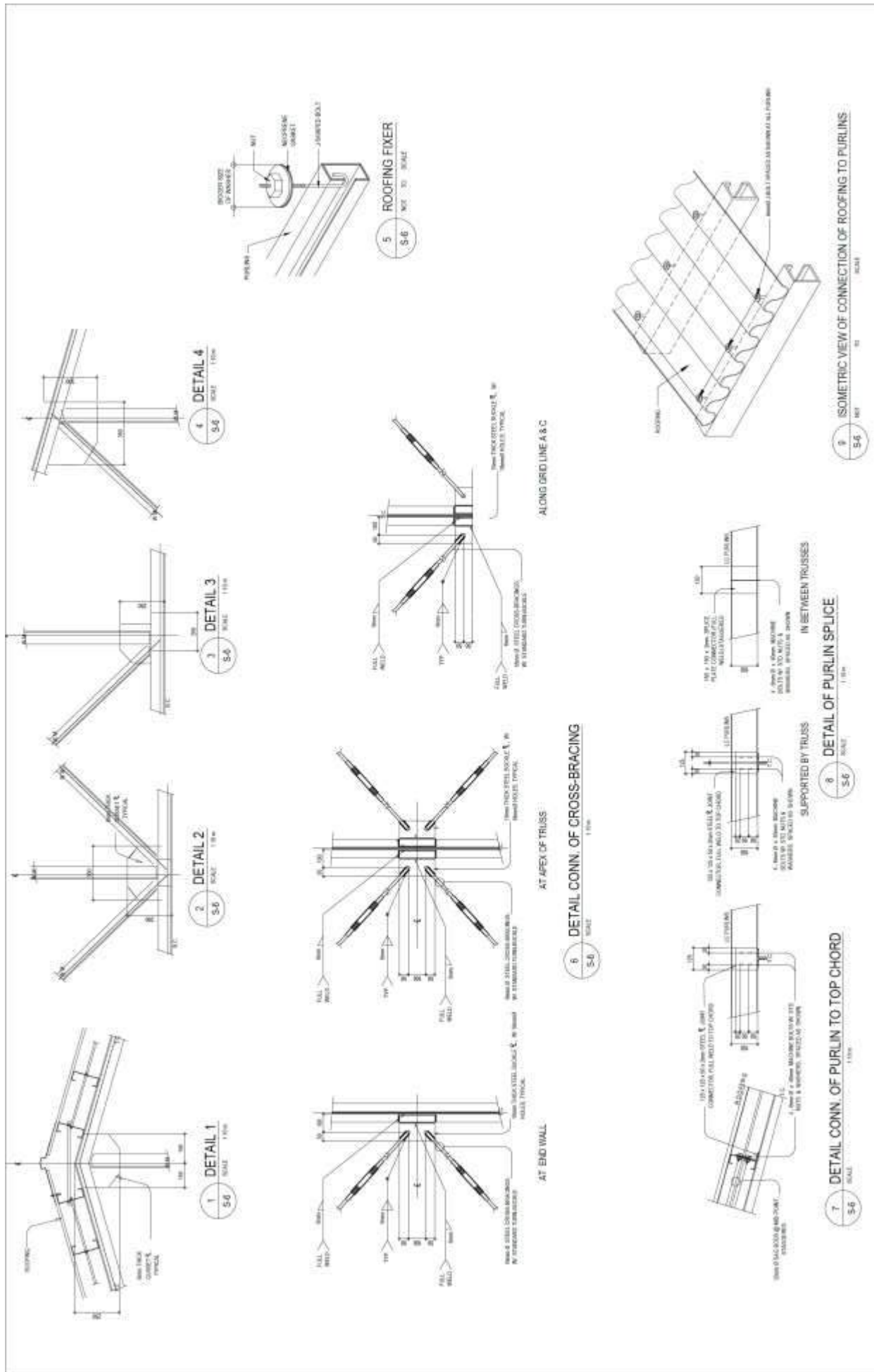
5 STIFFENER DETAIL
S-3 SCALE
1/8\"/>

SCHOOL OF THE BLUE RIDGE DePED DEPARTMENT OF EDUCATION EDUCATIONAL SERVICES DIVISION APPALACHIAN PARADISE	DRAWN BY: JONATHAN P. LISCIAID 100-30401 10/20-2007	CHECKED BY: WILFREDO ALCARÓN 100-30401	ESTIMATED APPROVAL LEONARDO J. LUGO 100-30401-04 10/20-2007	PREPARED BY: ALAN J. DECICCA 100-30401-04 10/20-2007	PROJECT TITLE: ONE (1) STORY TWO (2) CLASSROOM SCHOOL BUILDING PERFORMANCE (SEE PERMITS)	SHEET NO. S-3 8
	DEPARTMENT OF EDUCATION DeptED PROJECT NUMBER: 100-30401-04 PROJECT TITLE: SCHOOL BUILDING PROJECT LOCATION: DEPT. OF EDUCATION PROJECT NO.: 100-30401-04				SHEET NO. S-3 8	

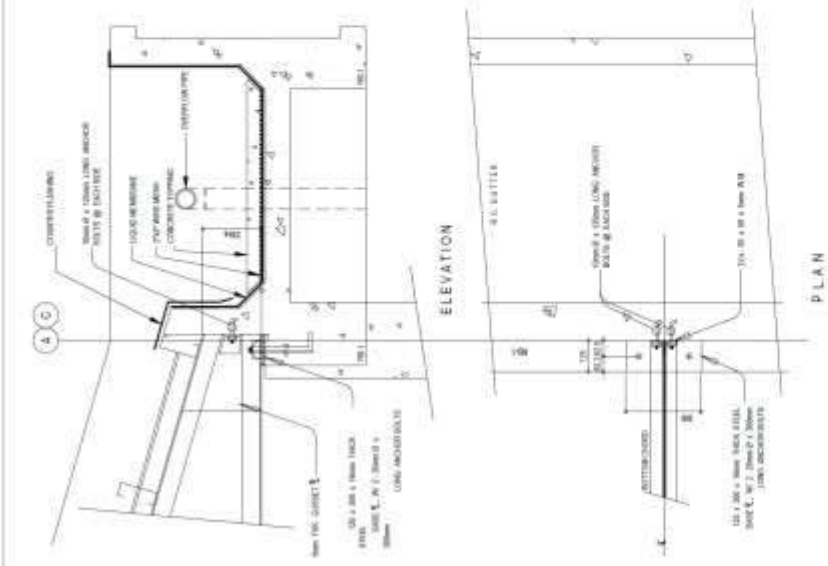


	NAME OF THE RESPONDENT DepEd DIVISION OFFICE - MARIKINA CITY (MARIKINA CITY, PHILIPPINES)	NAME OF THE CLIENT DEPARTMENT OF EDUCATION (DepEd)	PROJECT NO. ONE (1) STOREY, TWO (2) CLASSROOM WITH COMBUSTIBLE QUARTERS	PROJECT NAME DEPARTMENT OF EDUCATION (DepEd)	SHEET NO. S-4 8
	ARCHITECT [Signature] ARCHITECTURAL FIRM [Firm Name]	ARCHITECT'S REGISTERED NO. [Number]	PROJECT NO. ONE (1) STOREY, TWO (2) CLASSROOM WITH COMBUSTIBLE QUARTERS	PROJECT NAME DEPARTMENT OF EDUCATION (DepEd)	SHEET NO. S-4 8

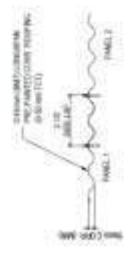




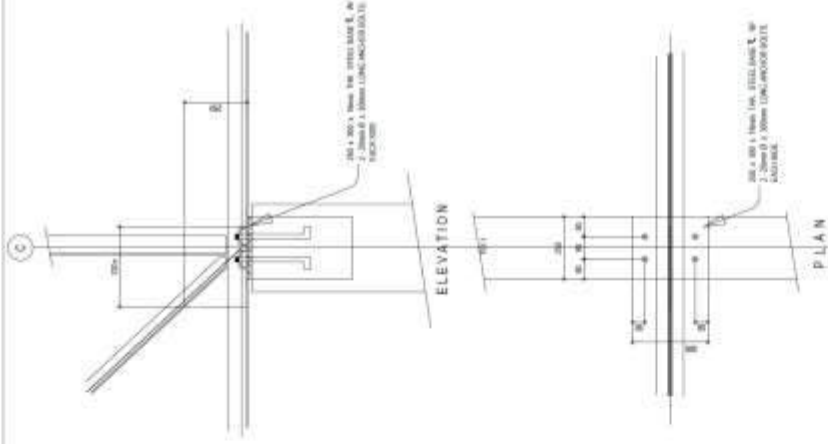
<p>DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION ARCHITECTURAL DIVISION</p>	<p>DATE: 01/11/2011</p> <p>DESIGNER: [Signature]</p> <p>PROJECT NO: 10000000000000000000</p>	<p>PROJECT TITLE: ONE (1) CLASSROOM</p> <p>CLIENT: DEPARTMENT OF EDUCATION</p>	<p>SCALE: S-6</p> <p>8</p>
	<p>DATE: 01/11/2011</p> <p>DESIGNER: [Signature]</p> <p>PROJECT NO: 10000000000000000000</p>	<p>PROJECT TITLE: ONE (1) CLASSROOM</p> <p>CLIENT: DEPARTMENT OF EDUCATION</p>	<p>SCALE: S-6</p> <p>8</p>



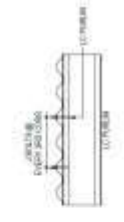
1 DETAIL OF TRUSS ANCHORAGE @ GRID LN. A & D
SCALE: 1/8\"/>



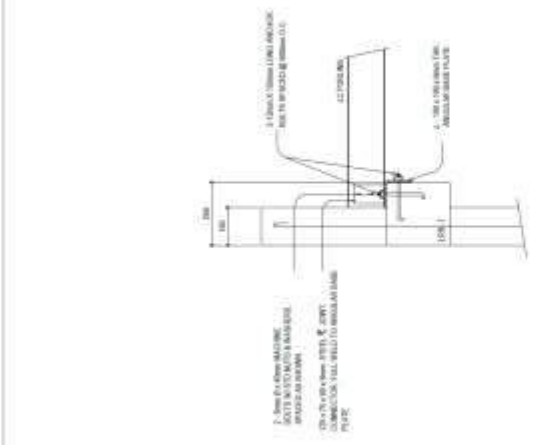
4 J-BOLT SPACING
SCALE: 1/8\"/>



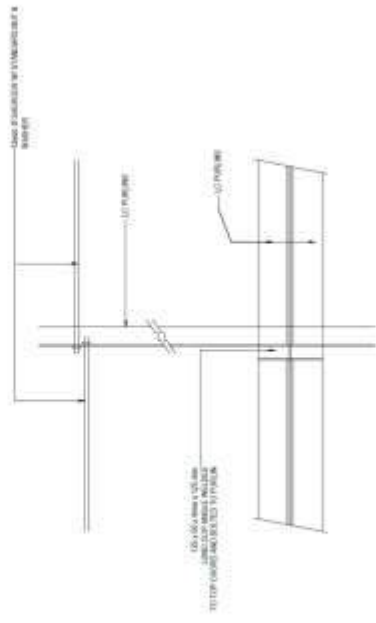
2 DETAIL OF TRUSS ANCHORAGE @ GRID LN. C
SCALE: 1/8\"/>



5 ROOF PANEL SIDE LAP DETAIL
SCALE: 1/8\"/>

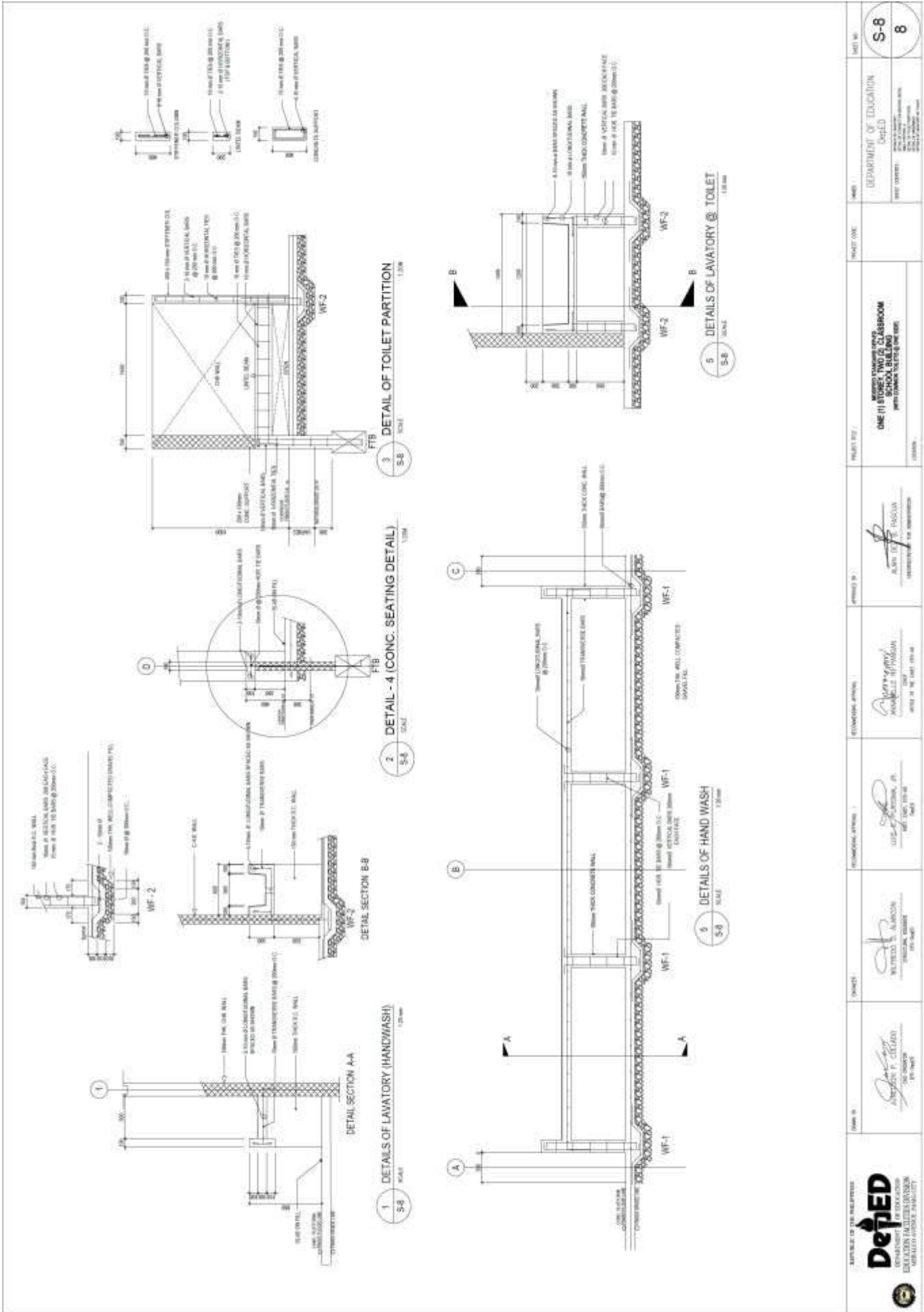


3 DETAIL CONN. OF PURLINS TO END-WALL
SCALE: 1/8\"/>



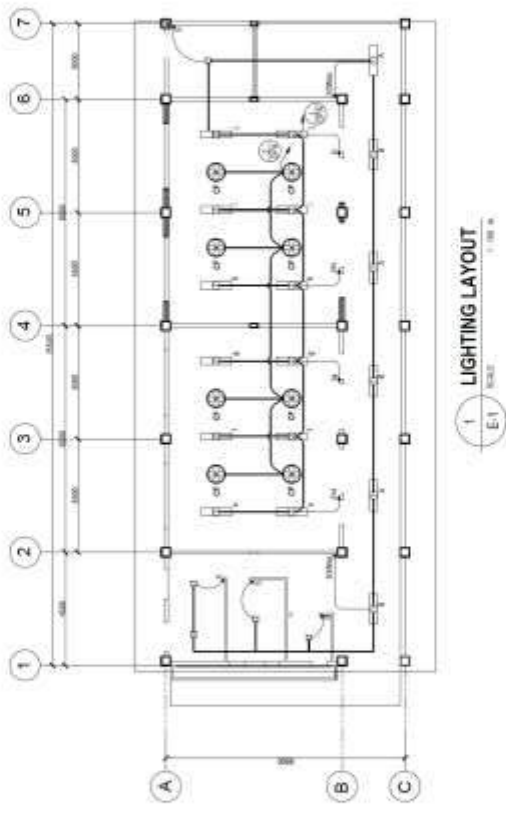
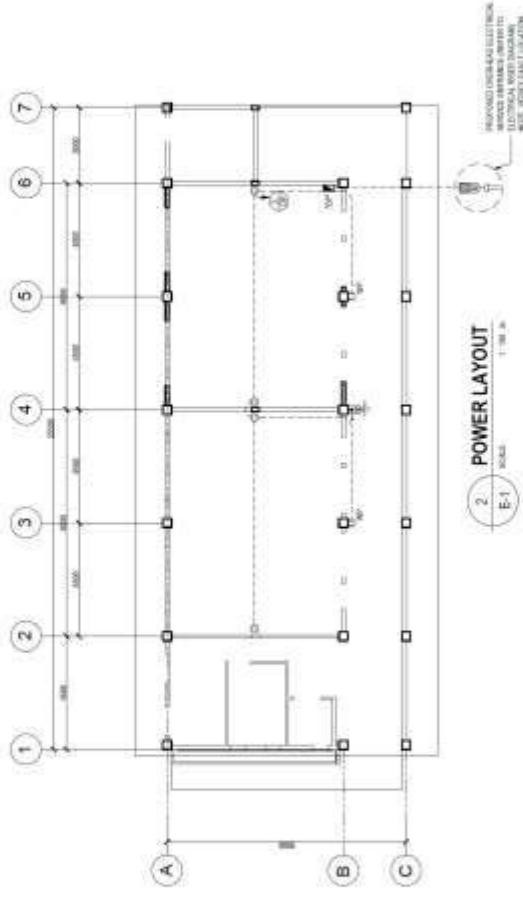
6 DETAIL OF PURLIN TO SAG ROD CONNECTION
SCALE: 1/8\"/>

 DEFIED CONSTRUCTION SERVICES, INC. 10000 W. 10TH AVENUE, SUITE 100 DENVER, CO 80231 TEL: 303.751.1111 WWW.DEFIEDCONSTRUCTION.COM	DRAWN BY:  JEFFREY P. COLLINS PROJECT ENGINEER	CHECKED BY:  JEFFREY P. COLLINS PROJECT ENGINEER	REVISIONS: NONE	APPROVED BY:  ALAN D. P. HOGG ARCHITECT/ENGINEER FOR ARCHITECTURE	PROJECT FILE: UNIVERSITY OF DENVER SCHOOL BUILDING WEST CAMPUS TOWER 8 ONE	SHEET CODE:	DEPARTMENT OF EDUCATION DATED:	SHEET NO.: S-7 8
	WEST CAMPUS TOWER 8 ONE UNIVERSITY OF DENVER 10000 W. 10TH AVENUE, SUITE 100 DENVER, CO 80231 TEL: 303.751.1111 WWW.DEFIEDCONSTRUCTION.COM							



ELECTRICAL PLAN

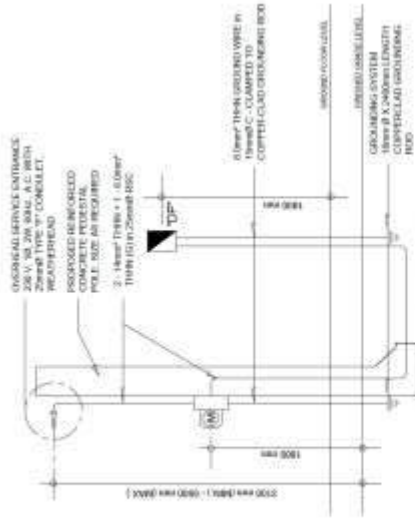
(One (1) Storey Two (2) Classrooms School Building with Common
Toilets at one side)



<p>REPUBLIC OF THE PHILIPPINES DefED DEPARTMENT OF EDUCATION BUREAU OF EDUCATION DIVISION OFFICE - MARIKINA CITY</p>	<p>DATE: 05/20/2024</p> <p>DESIGNED BY: ARNEL S. SALVA ELECTRICAL ENGINEER</p>	<p>DESIGNED BY: DANIEL P. ESCOBAR ELECTRICAL ENGINEER</p>	<p>DESIGNED BY: ARNEL S. SALVA ELECTRICAL ENGINEER</p>	<p>DESIGNED BY: ARNEL S. SALVA ELECTRICAL ENGINEER</p>	<p>DESIGNED BY: ARNEL S. SALVA ELECTRICAL ENGINEER</p>	<p>DESIGNED BY: ARNEL S. SALVA ELECTRICAL ENGINEER</p>	<p>PROJECT TITLE: ONE (1) STOREY TYPICAL CLASSROOM PERFORMANCE TEST (MTR)</p>	<p>PROJECT CODE: DEPARTMENT OF EDUCATION DivED</p>	<p>SHEET NO: E-1 2</p>
	<p>DATE: 05/20/2024</p> <p>DESIGNED BY: ARNEL S. SALVA ELECTRICAL ENGINEER</p>	<p>DESIGNED BY: DANIEL P. ESCOBAR ELECTRICAL ENGINEER</p>	<p>DESIGNED BY: ARNEL S. SALVA ELECTRICAL ENGINEER</p>	<p>DESIGNED BY: ARNEL S. SALVA ELECTRICAL ENGINEER</p>	<p>DESIGNED BY: ARNEL S. SALVA ELECTRICAL ENGINEER</p>	<p>DESIGNED BY: ARNEL S. SALVA ELECTRICAL ENGINEER</p>	<p>DESIGNED BY: ARNEL S. SALVA ELECTRICAL ENGINEER</p>	<p>PROJECT TITLE: ONE (1) STOREY TYPICAL CLASSROOM PERFORMANCE TEST (MTR)</p>	<p>PROJECT CODE: DEPARTMENT OF EDUCATION DivED</p>

GENERAL NOTES:

1. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARMS CODE (NFPA) AND THE NATIONAL ELECTRICAL SAFETY CODE (NESC).
2. THE TYPE OF SERVICE WIRE SUPPLY TO BE USED SHALL BE SINGLE PHASE, THREE WIRE, 208V, 60 HZ, 3-Ø.
3. THE CONDUIT SHALL BE RIGID AND SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NEC).
4. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARMS CODE (NFPA) AND THE NATIONAL ELECTRICAL SAFETY CODE (NESC).
5. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARMS CODE (NFPA) AND THE NATIONAL ELECTRICAL SAFETY CODE (NESC).
6. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARMS CODE (NFPA) AND THE NATIONAL ELECTRICAL SAFETY CODE (NESC).
7. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARMS CODE (NFPA) AND THE NATIONAL ELECTRICAL SAFETY CODE (NESC).
8. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARMS CODE (NFPA) AND THE NATIONAL ELECTRICAL SAFETY CODE (NESC).
9. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARMS CODE (NFPA) AND THE NATIONAL ELECTRICAL SAFETY CODE (NESC).
10. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARMS CODE (NFPA) AND THE NATIONAL ELECTRICAL SAFETY CODE (NESC).
11. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARMS CODE (NFPA) AND THE NATIONAL ELECTRICAL SAFETY CODE (NESC).
12. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARMS CODE (NFPA) AND THE NATIONAL ELECTRICAL SAFETY CODE (NESC).



ELECTRICAL RISER DIAGRAM

SCHEDULE OF LOADS AND COMPUTATIONS:

PANEL BOARD: DP
MOUNTING : FLUSH TYPE
ENCLOSURE : NEMA-3 with GROUND TERMINAL
SYSTEM : 230V, 1-Phase, 3 Wire, 60Hz

MAIN: 2-8.0mm² THHN +5.5mm² TW(G) in 25mmØ RSC
TYPE: 1SET- 30A/1/50AF, 2P, 230V, 60Hz MCB
BOLT-ON

CKT. NO.	DESCRIPTION	VOLT-AMPERE	CONNECTED LOAD (AMPERE)			PROTECTION (CIRCUIT BREAKER)			WIRE AND CONDUIT SIZE	
			AB	BC	CA	AT	AF	PH		
1	LIGHTING OUTLET	7.15	2.30	3.11	0	20	50	2	1	2-3.5mm ² THHN + 1-3.5mm ² TW(G) in 20mmØ PVC
2	CEILING FAN OUTLET	3.440	2.30	6.75	0	20	50	2	1	2-3.5mm ² THHN + 1-3.5mm ² TW(G) in 20mmØ PVC
3	CONVENIENCE OUTLET	30.80	2.30	4.70	0	20	50	2	1	2-3.5mm ² THHN + 1-3.5mm ² TW(G) in 20mmØ PVC
4	S.P.A.R.E	35.00	2.30	6.52	0	20	50	2	1	2-3.5mm ² THHN + 1-3.5mm ² TW(G) in 20mmØ PVC
TOTAL		4,736		20.59						

FOR TOTAL CURRENT :
 TOTAL 1-PHASE CONNECTED LOAD: = 20.59
 HIGHEST MOTOR LOAD: = 0.00 X 0.25 = 0
 TOTAL 3-PHASE CONNECTED LOAD: = 0
 TOTAL CONNECTED LOAD: = 20.59 AMPS

WIRE SIZE FOR MAIN BRANCH
 USE: 2-8.0mm² THHN +5.5mm² TW(G) in 25mmØ RSC
MAIN BREAKER PROTECTION
 USE: 1SET- 30A/1/50AF, 2P, 230V, 60Hz MCB
 NEMA 1 ENCLOSURE TYPE NEMA-1 with GROUND TERMINAL
 BRANCHER:
 4 x 20A/1/50AF-2P, 3ØKAIC, 230V, 60Hz MCB

ELECTRICAL SYMBOLS:



APRIL S. DUTRA
 PROJECT MANAGER
 09-1742-1111

CHRIS P. CORRAL
 PROJECT ENGINEER
 09-1742-1111

LIE D. PURSALA, JR.
 PROJECT ENGINEER
 09-1742-1111

ANABELLE R. FRANCIS
 PROJECT ENGINEER
 09-1742-1111

ALVIN TEL. P. PANGA
 PROJECT ENGINEER
 09-1742-1111

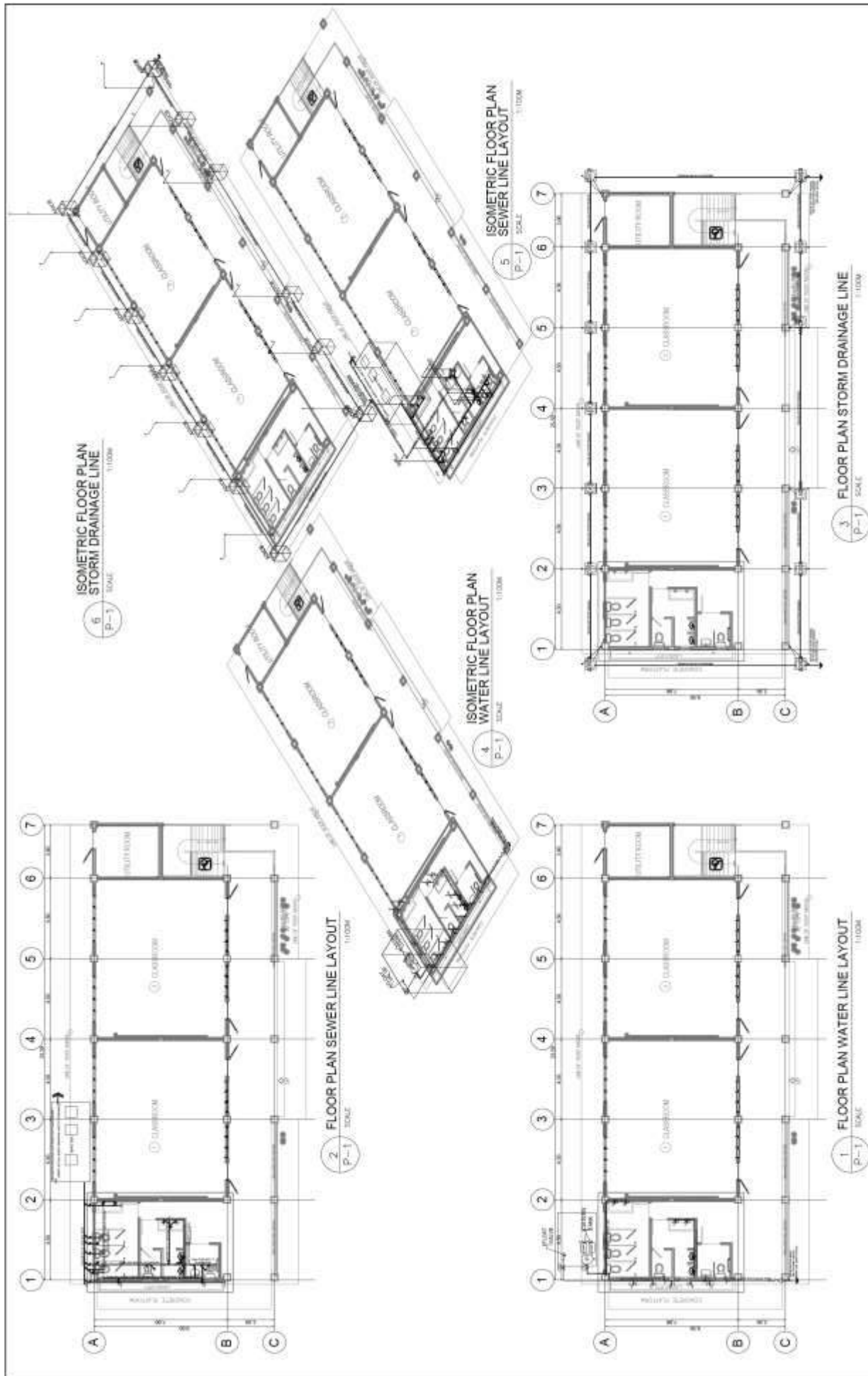
ONE (1) STUDENT WORKSHEET CLASSROOM
 (WITH CONDUIT & WIRE)

DEPARTMENT OF EDUCATION
 DepEd

E-2
2

PLUMBING PLAN

(One (1) Storey Two (2) Classrooms School Building with Common
Toilets at one side)



 DEPED MISSISSIPPI DEPARTMENT OF EDUCATION 1000 W. GARDNER STREET, SUITE 100 JACKSON, MISSISSIPPI 39201	SHEET NO. P-1
	SHEET NO. 2
PROJECT TITLE WORLD STANDARDS READY ONE (1) STOREY TWO (2) CLASSROOM SCHOOL BUILDING (WITH COMMON TOILETS & GYM HALL)	DEPARTMENT OF EDUCATION DATED
ARCHITECT ALAN W. B. PADUA REGISTERED ARCHITECT	PROJECT NO.
ENGINEERING ARCHITECT ANNABELLE K. PASCHAU REGISTERED ARCHITECT	PROJECT NO.
ARCHITECT LUD C. VIVIANA, JR. REGISTERED ARCHITECT	PROJECT NO.
ARCHITECT ALINA T. MOORE REGISTERED ARCHITECT	PROJECT NO.
ARCHITECT JANESON P. COLLADO REGISTERED ARCHITECT	PROJECT NO.

DESIGN LEGENDS:

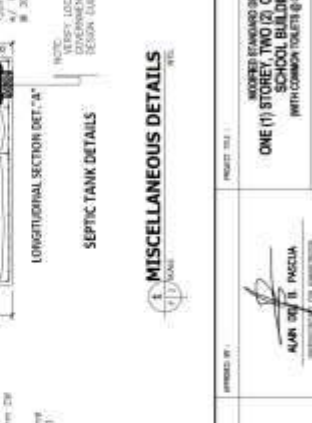
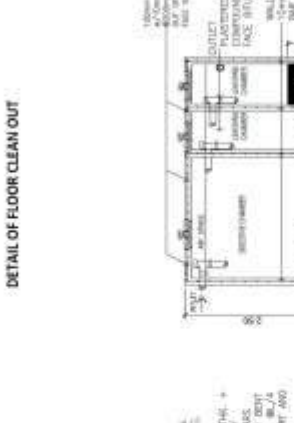
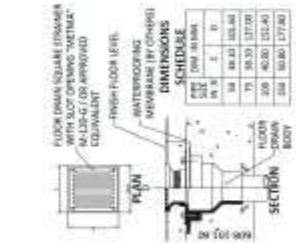
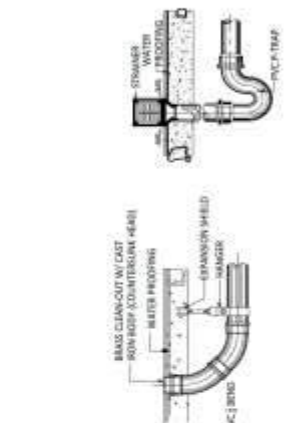
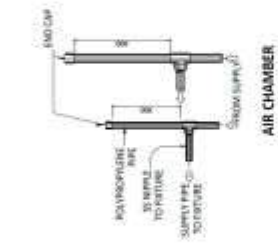
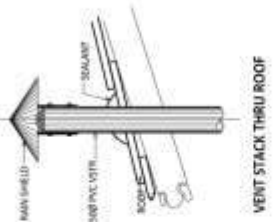
- GV GATE VALVE
- W WATER METER
- CV CHECK VALVE
- WC WATER CLOSET
- LAV LAVATORY
- KS KITCHEN SINK
- GT GREASE TRAP
- SHO SHOWER
- HB HOLE BORE
- CO CLEAN OUT
- FLOOR CLEAN OUT
- F FALCET
- WP WATER PUMP
- WT WATER TANK
- TOILET
- MH MANHOLE
- BP BOSTER PUMP
- FLV FLOOR VALVE
- LD LAUNDRY DRAIN
- BS BOSTER PUMP
- VSTR VENT THROUGH ROOF
- TD TUB DRAIN
- FD FLOOR DRAIN
- GD GUTTER DRAIN
- CB CATCH BASIN
- DS DOWN SPOUT
- SV SEPTIC VAULT
- SW WATER CISTERN
- SS SOL STACK
- BT BATH TUB
- FC FLOOR CONNECTOR
- PT PRESSURIZED TANK
- HT HYDRONHEUMATIC
- WP WATER PUMP
- WT WATER TANK
- WATER LINE
- SEWER LINE
- STORM LINE
- GREASE TRAP
- CODE EXPOSER
- CODE EXPOS. DRAIN
- WATER FILTER
- CAP
- THSP TIE TO THE SOL PIPE

GENERAL NOTES:

1. ALL ALUMINUM WORKS INCLUDED HEREIN SHALL BE EXECUTED ACCORDING TO THE PHILIPPINE ALUMINUM CODE, THE NATIONAL BUILDING CODE, AND THE RULES AND REGULATIONS OF THE LOCAL GOVERNMENT AUTHORITY CONCERNED.
2. CONSTITUTE THE DRAWING WITH OTHER RELATED DRAWINGS AND SPECIFICATIONS. THE DESIGNER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY FOUND HEREIN.
3. ALL PIPES SHALL BE INSTALLED AS INDICATED ON PLANS, ANY RELOCATIONS, REDUCED OR INCREASED SIZES OF OTHER TRUNKS SHALL BE WITH PROPER APPROVAL OF THE ARCHITECT OR ENGINEER.
4. PROPOSED UTILITIES SHALL CONFORM TO THE ACTUAL LOCATION, DEPTH AND TOLERANCE OF ALL EXISTING PIPES AND STRUCTURES AS VERIFIED BY THE CONTRACTOR.
5. ALL SIZES FOR HYDRONHEUMATIC DIMENSIONS SHALL MATCH WITH AS PERMANENT UNLESS NOTED OTHERWISE.
6. ALL FITTINGS SHALL BE VENTED, UNLESS OTHERWISE INDICATED.
7. AIR CHAMBERS, ALL INDIVIDUAL BRANCHES TO FIXTURES OR GROUP OF FIXTURES AND AIR CHAMBERS SHALL BE PROVIDED WITH AIR CHAMBERS OF CAPACITIES ENTIRE PIPE EXTENSION IF DIMENSIONS AS SHOWN IN THE DETAIL.
8. ALL WATER LINES SHALL BE PVC-BIBES 3000 "MIL" 1/2" - "3/4" UNLESS OTHERWISE APPROVED BY THE CONTRACTOR.
9. ALL SOL STACK AND DRAIN SHALL BE PVC PIPE SERIES 3000 "MIL" 1/2" - "3/4" UNLESS OTHERWISE APPROVED BY THE CONTRACTOR.
10. ALL UNWELDED IRON PIPES (LAW, JACK, AND WASH) AND WITH DIRECT CONTACT WITH THE SOIL SHALL BE BURNISHED WITH THE THREED PROTECTIVE COATING TO BE APPLIED WITH BRUSH.
11. WARM WATER DISTRIBUTION LINE SHALL BE POLYPROPYLENE PIPE, ALL OTHER PIPES TO BE USED SHALL BE AS PER PLAN AND SPECIFICATIONS.
12. ALL COLD WATER LINES SHALL BE TESTED FOR LEAKS FOR A PERIOD OF TWO (2) HOURS BEFORE COVERING.
13. ALL HOT WATER LINES SHALL BE INSULATED.
14. ALL HOT WATER LINES SHALL BE WATERPROOFED THIRD SEAL, PIGGED, OR APPROVED EQUIV. AND SHALL BE TESTED FOR TWENTY (20) MINUTES PRIOR TO FLOOR TYPING.
15. ALL SEWER/WASTE SHALL BE TESTED AT 1.5 METER.
16. WASTE LINES SHALL BE HYDROSTATIC TESTED AT (1.5M) (15MPS) PRIOR TO TYPING.
17. ALL DRAIN (DRAIN, WASTE, ETC.) SHALL BE PROVIDED WITH CAST-IRON "M" TYPY OR STAINLESS-STEEL URINE TRAP WITH 1.5MPS MINIMUM CAPACITY PROVIDED.
18. ALL SEWER/WASTE LINES, WET AND WASTE LINES SHALL BE PROVIDED WITH REDUCED STANDARD FOR WASTEWATER SURVEY.
19. PROVIDE PIPE SIZES, AS NEEDED IN WALL PENETRATIONS.
20. NO PIPE SHALL PASS THROUGH BEAMS AND COLLARS.

MATERIAL SPECIFICATIONS:

- SEWER AND WASTE: ALL PIPES, GALLONS (PVC, PIPES, SERIES 3000 "MIL" 1/2" - "3/4" UNLESS OTHERWISE APPROVED BY THE CONTRACTOR).
- DRAIN, WASTE & POLYPROPYLENE (PVC) PIPES, SERIES 3000 "MIL" 1/2" - "3/4" UNLESS OTHERWISE APPROVED BY THE CONTRACTOR.
- WET WASTE LINE: POLYPROPYLENE (PVC) PIPES OR APPROVED EQUIV.
- WET WATER LINE: POLYPROPYLENE (PVC) PIPES OR APPROVED EQUIV.
- VALVES: MANUFACTURED BY "KUT" BRAND OR APPROVED EQUIV.
- FLOOR DRAIN: MANUFACTURED BY "MAY" BRAND OR APPROVED EQUIV.
- WATER TREATMENT: MANUFACTURED BY "MAY" BRAND OR APPROVED EQUIV.
- FOOT INSULATOR: 2" MIN. THE FIBERGLASS INSULATOR.
- WASTE TANK: "M" TANK, 600 GAL. STAINLESS-STEEL CYLINDER TANK.



RAIN WATER COLLECTOR PLAN

NO.	REV.	DATE	BY	CHK.	APP.



INTERMEDIATE BULK CONTAINER (IBC)

SPECIFICATIONS:

CAPACITY 1,000L (1.00 Cu.m.)

SIZE 1.00M X 1.00M X 1.00M

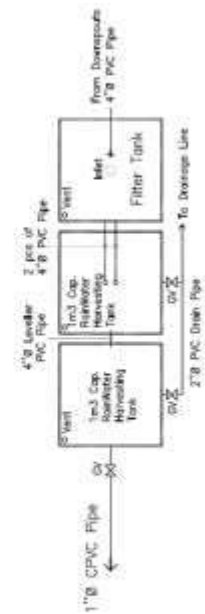
WITH TUBE CAGE, PALLET AND 2" DIA. DISCHARGE VALVE

With Screen at Inlet.

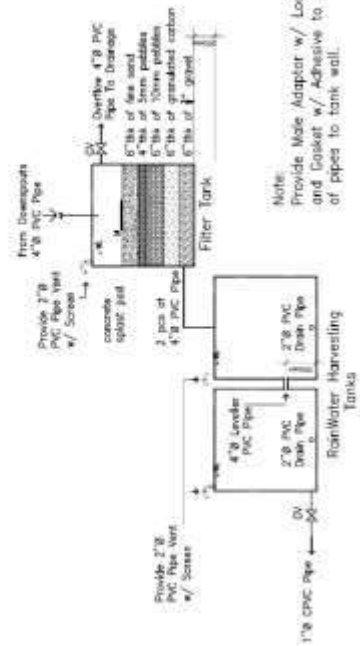
RAINWATER HARVESTING TANK (RWHT)

1
RWHT-1a SCALE

NTS



Top View



Note: Provide Male Adapter w/ Locknut and Gasket w/ Adhesive to all connection of pipes to tank wall.

Elevations

ELEVATION & TOP VIEW (RWHT)

2
RWHT-1a SCALE

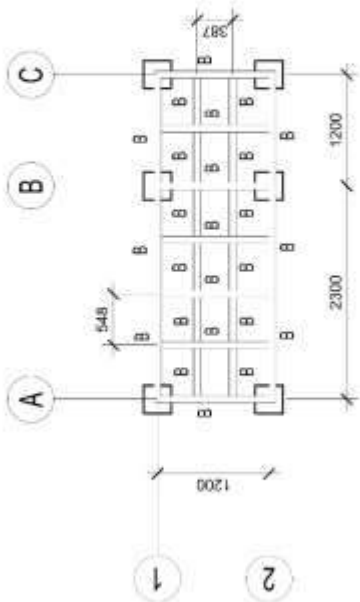
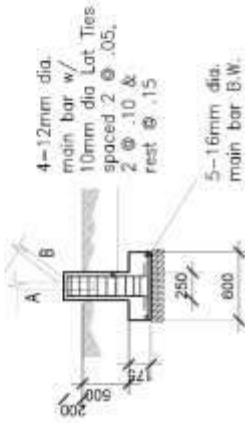
NTS

	DESIGNED BY:		DESIGNED BY:		DESIGNED BY:		DESIGNED BY:		DESIGNED BY:		DEPARTMENT OF EDUCATION (DepEd)	PROJECT NO.	SHEET NO.
	PROJECT NO.:	Rain Water Collector	PROJECT NO.:	1	PROJECT NO.:	1	PROJECT NO.:	1	PROJECT NO.:	1	PROJECT NO.:	1	0
DATE:	10/20/2020	DATE:	10/20/2020	DATE:	10/20/2020	DATE:	10/20/2020	DATE:	10/20/2020	DATE:	10/20/2020	DATE:	10/20/2020

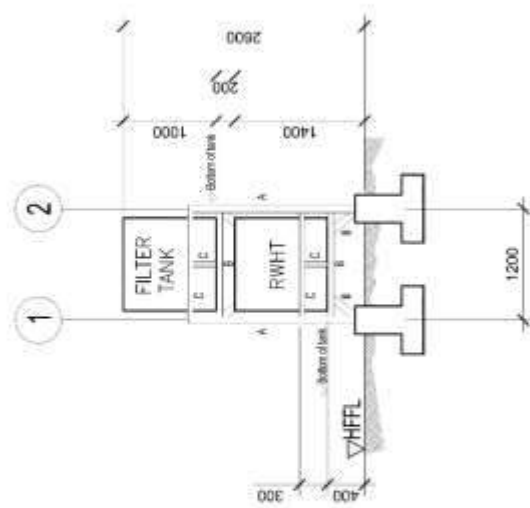
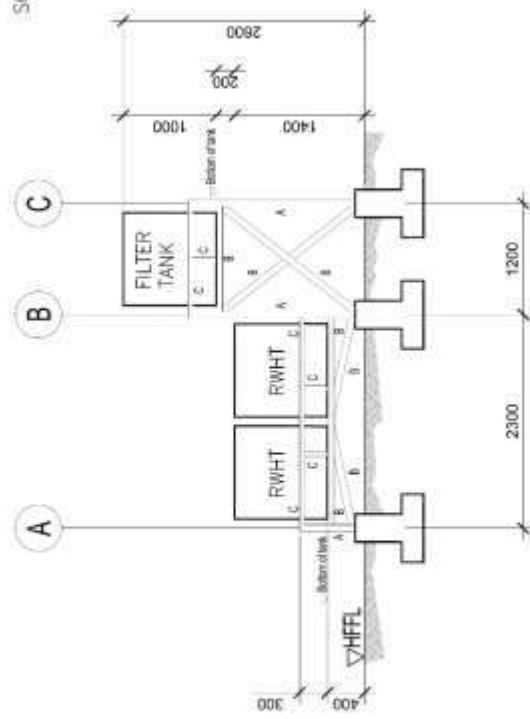
REV	NO.	DESCRIPTION	DATE

SCHEDULE OF MEMBERS & WELDS

Mark	Members Size	Thickness mm	Welds			Remarks
			Length	mm		
A	L100x100x6	6	Full	Weld	Provide 6mm thick	Plate Connector connections of members
B	L75x75x6	6	Full	Weld		
C	L65x65x6	6	Full	Weld		



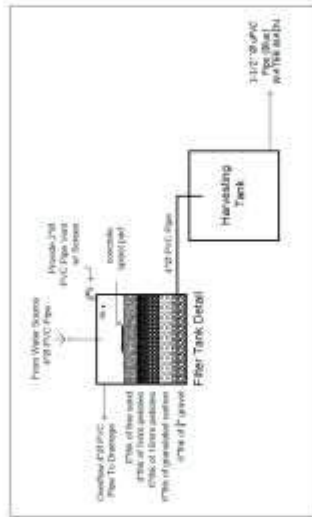
SQUARE CONCRETE PEDESTAL



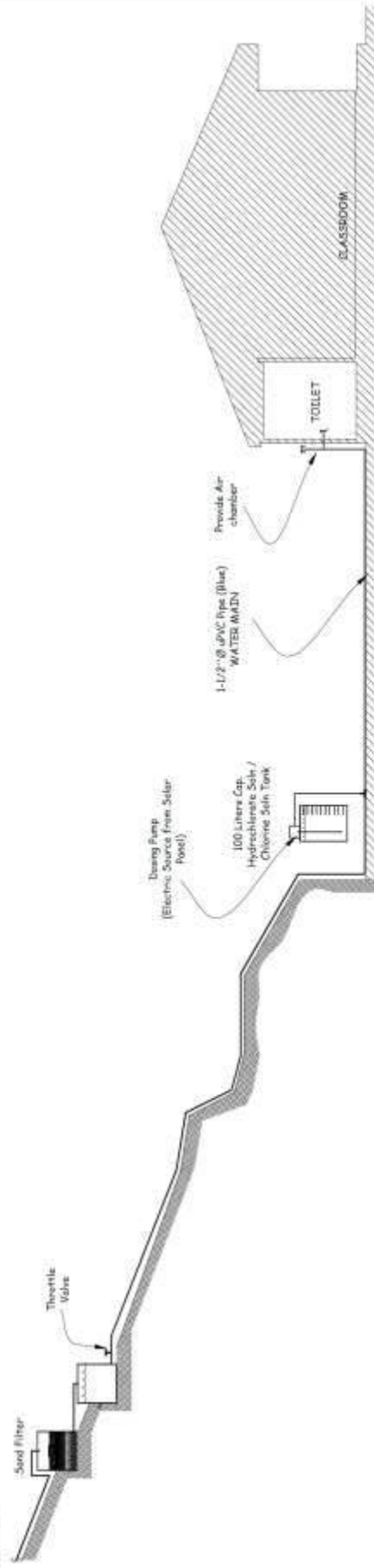
RWHT SUPPORT
SCALE: 1 RWHT-1b NTS

<p>DEPED DIVISION OFFICE - MARIKINA CITY</p>	<p>SCHOOL DIVISION OFFICE HEAD</p>	<p>PROJECT ENGINEER</p>	<p>DESIGN ENGINEER</p>	<p>CHECKER</p>	<p>DESIGNER</p>	<p>DRAFTER</p>	<p>PLOTTER</p>
	<p>DEPARTMENT OF EDUCATION Divided</p>	<p>REGIONAL WATER COLLECTOR</p>	<p>PROJECT TITLE</p>	<p>PROJECT NO.</p>	<p>DATE</p>	<p>SCALE</p>	<p>NO. OF SHEETS</p>

WATER SYSTEM PLAN



WATER SOURCE @ HIGHER ELEVATION

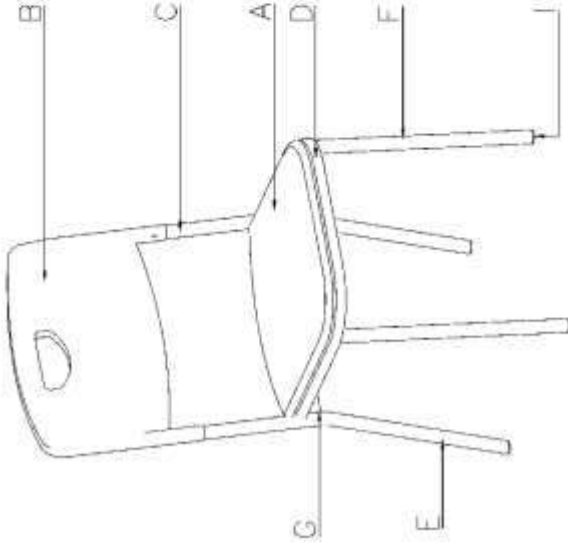











WATER SYSTEM DETAIL
 WATER SOURCE ELEVATION IS HIGHER THAN
 THE SCHOOL SITE
 (OPTION 2)

	 DAVID P. GILDARD SCHOOL DESIGNER	 LISA P. ... ARCHITECT	 ... ARCHITECT	 ... ARCHITECT	 ... ARCHITECT	 ... ARCHITECT	 ... ARCHITECT	PROJECT TITLE: HAZARDOUS WASTE REMEDIATION (OPTION 1)	SHEET NO. P-2 3
	DEPARTMENT OF EDUCATION DELED 100 N. MARKET STREET DOVER, DE 19901							SHEET DATE: 10/15/2010	DRAWN BY: ALAN J. ... ARCHITECTURE ASSOCIATES

SCHOOL FURNITURE
Plans with Technical Specifications

LEARNER'S CHAIR (HDPE AND STEEL)

TECHNICAL SPECIFICATIONS OF LEARNER'S CHAIR																													
MARK	COMPONENTS	SPECIFICATIONS																											
A	SEAT	BLOW MOLDED PLASTIC HIGH-DENSITY POLYETHYLENE (HDPE)																											
B	BACK	BLOW MOLDED PLASTIC HIGH-DENSITY POLYETHYLENE (HDPE)																											
C	BACK SUPPORT	BI-PIPE TUBE 1.0MMX22MMØ																											
D	SEAT SUPPORT	BI-PIPE TUBE 1.0MMX19MMØ																											
E	BACK LEG	BI-PIPE TUBE 1.0MMX22MMØ																											
F	FRONT LEG	BI-PIPE TUBE 1.0MMX22MMØ																											
G	LOWER SEAT SUPPORT	SQ. TUBE 1.0MMX19MMX19MM																											
I	COVER CAP	PLASTIC GLIDE																											
	HDPE TO STEEL	BACK HDPE TO STEEL - SELF TAPPING SCREW																											
		SEAT HDPE TO STEEL - 1MM THK 25MMX30MM FLAT BAR, M6X12 BOLT																											
																													
1 ISOMETRIC VIEW OF LEARNER'S CHAIR <small>SCALE</small>																													
SCHEDULE OF FINISHES																													
BLOW MOLDED		HIGH-DENSITY POLYETHYLENE (HDPE) PLASTIC																											
METAL/STEEL TUBULAR		60-80 MICRON POWDER COAT FINISH FLAT BLACK FINISH																											
HDPE COLOR		REFER TO COLOR CODE PANTONE 4665C OR COLOR HEX: #80768 / RGB: 205, 127, 135 / CMYK: 0%, 19%, 34%, 20%																											
DIMENSIONS OF LEARNER'S CHAIR. (mm)																													
COMPONENTS	DIMENSIONS																												
	ELEMENTARY	SECONDARY																											
SEAT HEIGHT	392	412																											
SEAT DEPTH	380	380																											
SEAT WIDTH	370	370																											
BACK HEIGHT	800	800																											
BACK WIDTH	410	410																											
<table border="0" style="width: 100%;"> <tr> <td style="width: 30%; vertical-align: top;">  </td> <td style="width: 40%; vertical-align: top;"> APPROVED BY:  ENGR. AMELITA E. MIRON <small>ENR - DESIGN AND DETAILS</small> </td> <td style="width: 30%; vertical-align: top;"> APPROVED BY:  ENGR. RAUL B. MIRON <small>INDUSTRIAL DESIGNER</small> </td> </tr> <tr> <td colspan="3" style="text-align: center;"> PROJECT TITLE: LEARNER'S CHAIR (HDPE & STEEL) </td> </tr> <tr> <td colspan="3" style="text-align: center;"> SEC. DRWG'S: SEC. NO. 1 </td> </tr> <tr> <td colspan="3" style="text-align: center;"> TECHNICAL SPECIFICATION FOR LEARNER'S CHAIR (HDPE AND STEEL) </td> </tr> <tr> <td colspan="3" style="text-align: center;"> ENGR. RAUL B. MIRON </td> </tr> <tr> <td colspan="3" style="text-align: center;"> ENGR. AMELITA E. MIRON </td> </tr> <tr> <td colspan="3" style="text-align: center;"> ENR - DESIGN AND DETAILS </td> </tr> <tr> <td colspan="3" style="text-align: center;"> INDUSTRIAL DESIGNER </td> </tr> <tr> <td colspan="3" style="text-align: center;"> 2021 </td> </tr> </table>				APPROVED BY:  ENGR. AMELITA E. MIRON <small>ENR - DESIGN AND DETAILS</small>	APPROVED BY:  ENGR. RAUL B. MIRON <small>INDUSTRIAL DESIGNER</small>	PROJECT TITLE: LEARNER'S CHAIR (HDPE & STEEL)			SEC. DRWG'S: SEC. NO. 1			TECHNICAL SPECIFICATION FOR LEARNER'S CHAIR (HDPE AND STEEL)			ENGR. RAUL B. MIRON			ENGR. AMELITA E. MIRON			ENR - DESIGN AND DETAILS			INDUSTRIAL DESIGNER			2021		
	APPROVED BY:  ENGR. AMELITA E. MIRON <small>ENR - DESIGN AND DETAILS</small>	APPROVED BY:  ENGR. RAUL B. MIRON <small>INDUSTRIAL DESIGNER</small>																											
PROJECT TITLE: LEARNER'S CHAIR (HDPE & STEEL)																													
SEC. DRWG'S: SEC. NO. 1																													
TECHNICAL SPECIFICATION FOR LEARNER'S CHAIR (HDPE AND STEEL)																													
ENGR. RAUL B. MIRON																													
ENGR. AMELITA E. MIRON																													
ENR - DESIGN AND DETAILS																													
INDUSTRIAL DESIGNER																													
2021																													

LEARNER'S CHAIR (HDPE AND STEEL)

DEPED ELEMENTARY LEARNER'S CHAIR

DEPED LOGO SPECIFICATIONS FOR ALL LEARNER AND TEACHER'S CHAIR

TOP VIEW

REAR VIEW

FRONT VIEW

SIDE VIEW

LEARNER'S CHAIR PERSPECTIVE VIEW

REVISION BY	REVISIONS	REVISED BY	REVISED DATE	REVISION NO.	
				2	5

DEPED
DEPARTMENT OF EDUCATION
BUREAU OF ELEMENTARY EDUCATION
MANILA OFFICE

REVISIONS

[Signature]
AT MANILA OFFICE

REVISIONS

[Signature]
DEP - CALABARZON REGION

REVISIONS

[Signature]
ALVIN DELA CRUZ
ARCHITECT FOR KEN KUBIKO

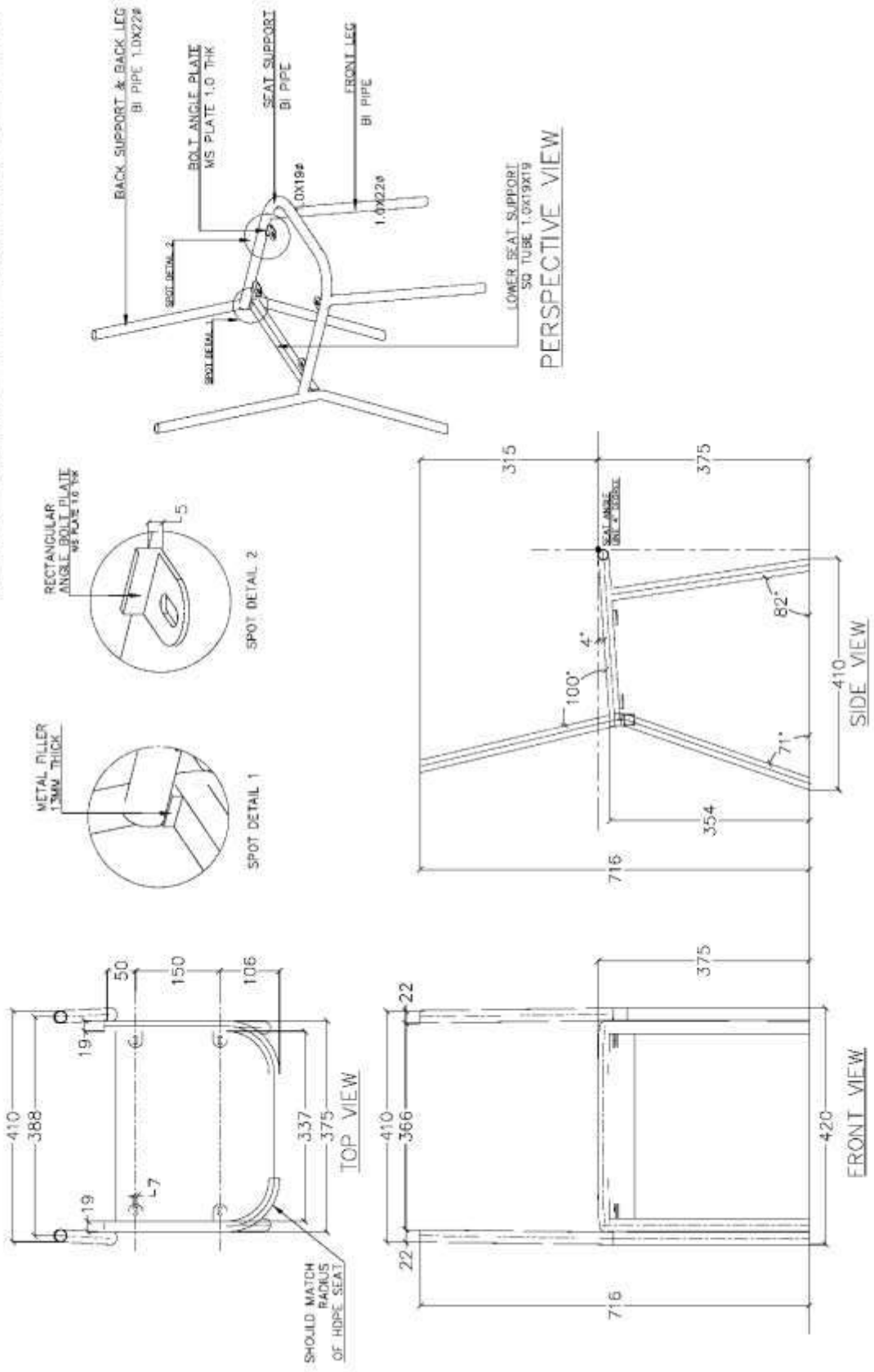
REVISIONS

LEARNER'S CHAIR
(HDPE & STEEL)

©Y 2021

LEARNER'S CHAIR (HDPE AND STEEL)

DEPED ELEMENTARY LEARNER'S CHAIR



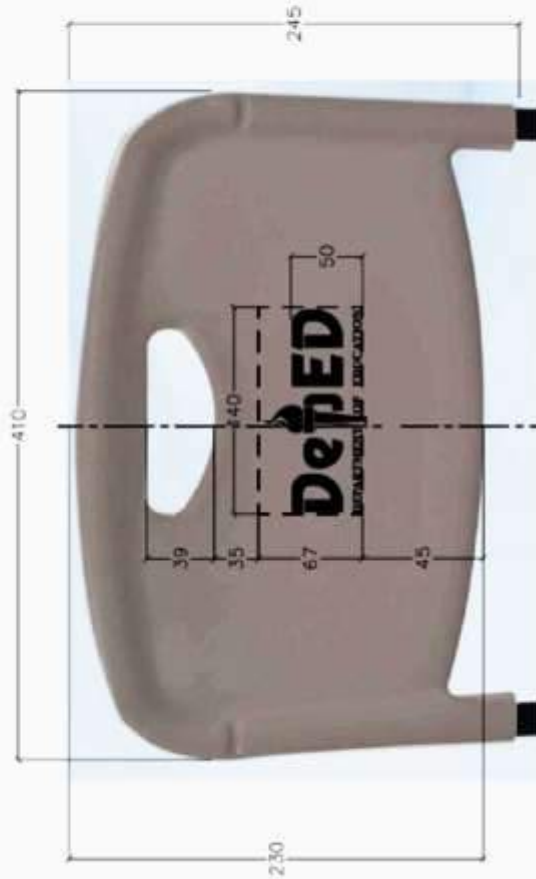
 DEPED DIVISION OFFICE MARICORIN MARICORIN CITY	RETURN #1 ET MARCH 2021	ECONOMIC SPECIALIST EMER. AMELIORANTE SERRANO CHIEF - EDUCATION QUALITY DIVISION	IMPROVED #1 REAR SEAT B. PIPES UNSUBSTITUTABLE FOR FORWARD VIEW	REVISION #2 LEARNER'S CHAIR (HDPE & STEEL)	DESIGNED BY ELEMENTARY LEARNER'S CHAIR -CHAIR FRAME (FOR FRONT, SIDE VIEW) -DETAILS BY 2021	SHEET NO. 3 5
---	-------------------------------	--	---	--	---	---------------------

LEARNER'S CHAIR (HDPE AND STEEL)

DEPED LOGO SPECIFICATIONS FOR ALL LEARNER AND TEACHER'S CHAIR



DEPED_LOGO







HDPE_BACK_DEPED_LOGO_DETAIL



PERSPECTIVE VIEW

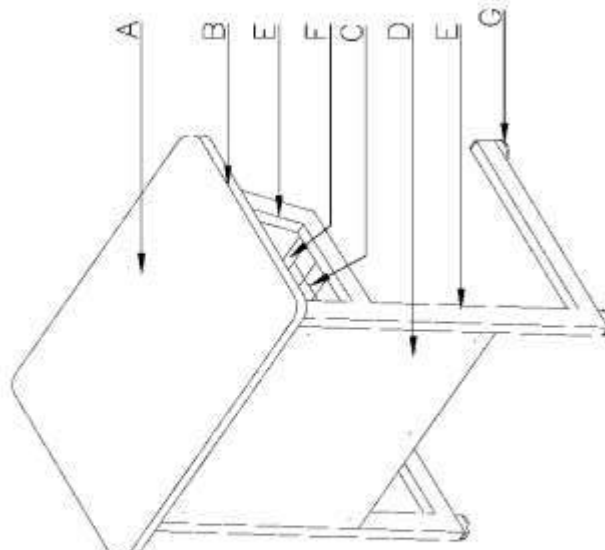
SPECIFICATIONS:

1. MATERIAL: BLOW MOLDED HDPE.
 2. MARKINGS: MINIMUM OF 0.8MM DEPTH EMBOSSED / MOLDED OFFICIAL "DepEd LOGO" WITH THE INSCRIPTION "DEPARTMENT OF EDUCATION" AS PER DRAWING.
 3. COLOR CODE: PANTONE 4665C OR COLOR HEX: #cda788 / RGB:205, 167, 136 / CMYK: 0%, 19%, 34%, 20%
 4. DEPED LOGO COLOR IS THE SAME AS BACKREST COLOR CODE.
- NOTE: BLACK COLOR OF LOGO SHOWN IS FOR ILLUSTRATION ONLY.

 <p>DEPED DEPARTMENT OF EDUCATION BUREAU OF TECHNICAL EDUCATION BUREAU OF ASSISTANT COMMISSIONERS</p>	<p>DATE: 05/05/2021</p>  <p>DEPED DIVISION OFFICE - MARIKINA</p>	<p>DESIGNED BY: </p> <p>DATE: 05/05/2021</p>	<p>APPROVED BY: </p> <p>DATE: 05/05/2021</p>	<p>PART TITLE: LEARNER & TEACHER'S CHAIR - HDPE BACK DEPED LOGO DETAIL (HDPE & STEEL)</p>	<p>ISSUE DATE: 05/05/2021</p> <p>ISSUE NO: 01</p>
--	---	---	--	---	---

LEARNER'S TABLE (WOOD AND STEEL)

TECHNICAL SPECIFICATIONS OF LEARNER'S TABLE	
MARK	COMPONENTS
A	18MM THK TOP BOARD ROUND CORNER'S (1 SIDE 1.0MM THK HIGH PRESSURE LAMINATE/1 SIDE VARNISH FINISHES ON MARINE PLYWOOD)
B	1.0 MM THK PVC EDGING, ALL EDGES OF TABLE TOP
C	METAL WIRE MESH 4MMTHKX50X50
D	6MM THK FRONT COVER (1 SIDE 1.0MM THK HIGH PRESSURE LAMINATE / 1 SIDE VARNISH FINISHES ON MARINE PLYWOOD)
E	1.0MMTHKX20MMX40MM STEEL TUBULAR
F	1.0MMTHKX20MMX20MM STEEL TUBULAR
G	8MM# THREAD WITH 38MM# PLASTIC BASE
	CONNECTOR/FLAT BAR 18MMTHKX25MMX50MM STEEL FLAT BAR (TABLE TOP: 4PCS; SCREW)
	WOOD TO STEEL: SCREW: M5X12MM LENGTH SCREW; RIVETS: BLIND RIVET
	STEEL TO STEEL: FULL WELDING FOR TUBULAR TO FLAT BAR/CONNECTION
	STEEL TO STEEL (KNOCKDOWN): BOLT AND NUT FOR STEEL TUBULAR KD DESIGN IS FOR BIDDOR TO PROPOSE
2a	SCHEDULE OF FINISHES
	1 SIDE 1.0MM THK HIGH PRESSURE LAMINATE / 1 SIDE VARNISH FINISHES ON MARINE PLYWOOD
	1.0 MM THK PVC EDGING, ALL EDGES OF TABLE TOP
	1 SIDE 1.0MM THK HIGH PRESSURE LAMINATE / 1 SIDE VARNISH FINISHES ON MARINE PLYWOOD)
	60-80 MICRON POWDER COAT FINISH FLAT BLACK FINISH
	PANTONE 729C OR COLOR HEX #8a7c45 / RGB: 186, 124, 69 / CMYK: 0%, 33%, 63%, 27% WITH WOOD GRAIN (SERANO BEECH OR EQUIVALENT)
2b	EDGING – APPLICATION
1	MACHINE APPLICATION OF GLUE TO TABLE TOP EDGES
2	MACHINE APPLICATION OF PVC EDGING TO TABLE TOP EDGES



ISOMETRIC VIEW OF LEARNER'S TABLE

DIMENSIONS OF LEARNER'S TABLE(mm)		
MARK	COMPONENTS	DIMENSIONS
	ELEMENTARY	SECONDARY
a	TABLE HEIGHT	670 (+10)
b	TABLE LENGTH	600
c	TABLE WIDTH	400

TECHNICAL SPECIFICATION FOR LEARNER'S TABLE (WOOD AND STEEL)

CT 2021

PROJECT TITLE:

LEARNER'S TABLE (WOOD & STEEL)

PROJECT NO.:

1
3

LEARNER'S TABLE (WOOD AND STEEL)

DEPED ELEMENTARY SINGLE LEARNER'S TABLE

TABLE FRAMING
PERSPECTIVE VIEW

TOP VIEW

600

400

FRONT VIEW

460

670

250

20

SIDE SECTION VIEW

425

636

165

311

25

179

670

20

6

38

55

47

200

114°

86°

86°

88°

WIRE MESH 4MMØX50X50

1.0X25MMX50MM STEEL FLAT BAR

SHELF STIFFENER 1.0X20X20

PLASTIC CAP

ADJUSTABLE GLIDE PROVISION

FRONT COVER BRACE 1.0X20X20

MAIN FRAME 1.0X20X40

EDWARD B. I.

DESIGNED BY

APPROVED BY

ALAN DE LA ROSA

REGISTERED PROFESSIONAL ENGINEER

EDUARDO B. I.

DESIGNED BY

APPROVED BY

ALAN DE LA ROSA

REGISTERED PROFESSIONAL ENGINEER

SECTION 2

SECTION 3

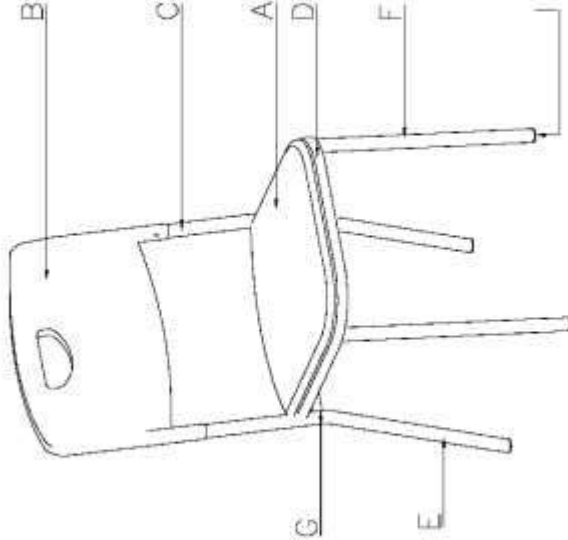

SECTION 2

SECTION 3

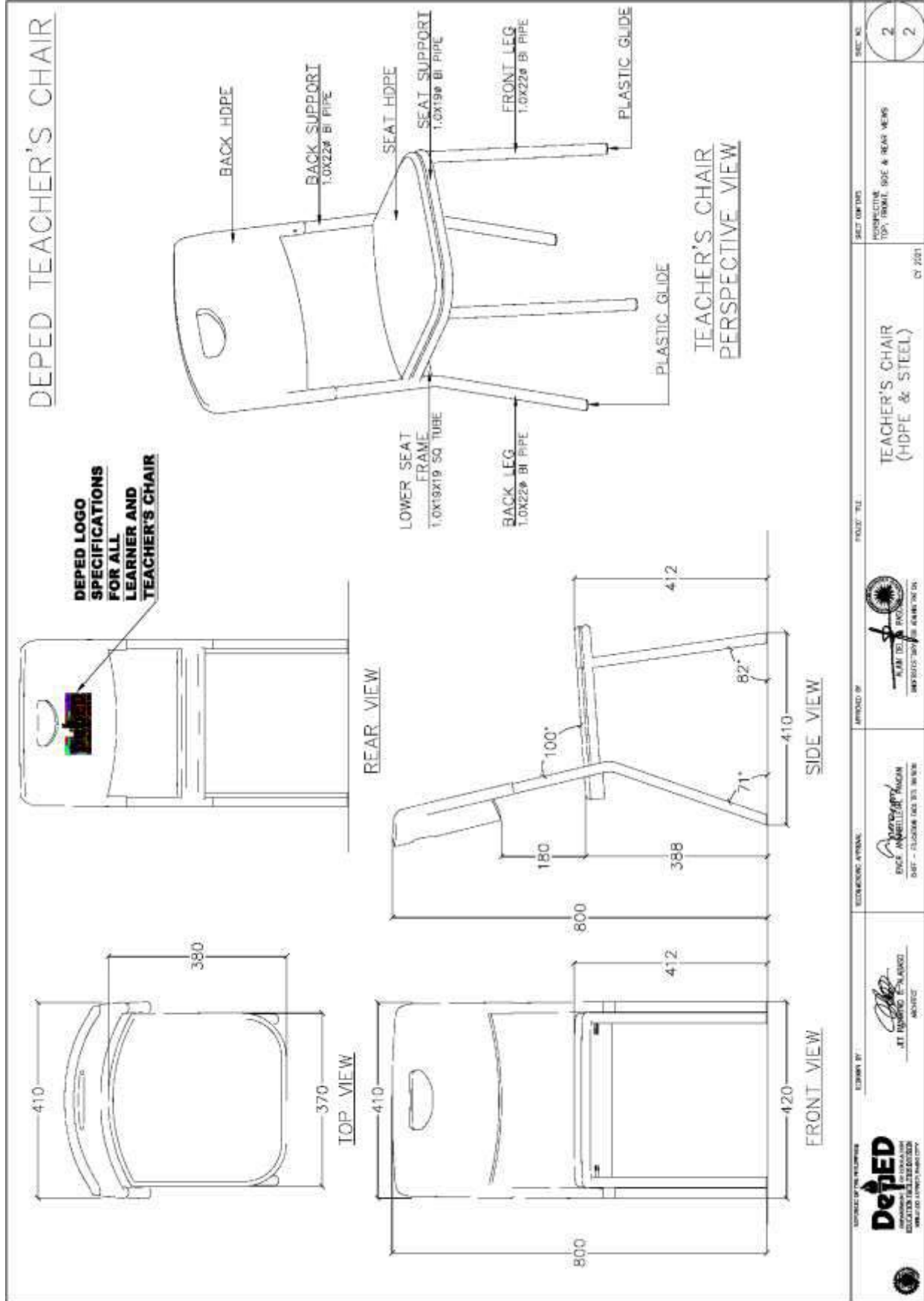
SECTION 2

SECTION 3

TEACHER'S CHAIR (HDPE & STEEL)

TECHNICAL SPECIFICATIONS OF TEACHER'S CHAIR		
MARK	COMPONENTS	SPECIFICATIONS
A	SEAT	BLOW MOLDED PLASTIC HIGH-DENSITY POLYETHYLENE (HDPE)
B	BACK	BLOW MOLDED PLASTIC HIGH-DENSITY POLYETHYLENE (HDPE)
C	BACK SUPPORT	BI PIPE TUBE 1.0MMX22MMØ
D	SEAT SUPPORT	BI PIPE TUBE 1.0MMX19MMØ
E	BACK LEG	BI PIPE TUBE 1.0MMX22MMØ
F	FRONT LEG	BI PIPE TUBE 1.0MMX22MMØ
G	LOWER SEAT SUPPORT	SQ. TUBE 1.0MMX19MMX19MM
I	COVER CAP	PLASTIC GLIDE
		BACK HDPE TO STEEL – SELF TAPPING SCREW
		SEAT HDPE TO STEEL – 1MM THK 25MMX30MM FLAT BAR, M6X12 BOLT
 <p style="text-align: center;">ISOMETRIC VIEW OF TEACHER'S CHAIR SCALE: 1:1</p>		
<p style="text-align: center;">SCHEDULE OF FINISHES</p>		
BLOW MOLDED		HIGH-DENSITY POLYETHYLENE (HDPE), PLASTIC
METAL/STEEL TUBULAR		60-80 MICRON POWDER COAT FINISH FLAT BLACK FINISH
HDPE COLOR		REFER TO COLOR CODE PANTONE 4665C OR COLOR HEX: #4d6768 / RGB: 205, 107, 136 / CMYK: 0%, 19%, 34%, 20%
<p style="text-align: center;">DIMENSIONS OF TEACHER'S CHAIR (mm)</p>		
COMPONENTS	DIMENSIONS	
SEAT HEIGHT	412	
SEAT DEPTH	380	
SEAT WIDTH	370	
BACK HEIGHT	800	
BACK WIDTH	410	
<p style="text-align: center;">TECHNICAL SPECIFICATION OF TEACHER'S CHAIR (HDPE & STEEL) (OF 202)</p>		
		<p style="text-align: center;">RECOMMENDING APPROVAL:</p> <p style="text-align: center;"><i>[Signature]</i> EDUCATION OFFICER MARIKINA CITY</p>
<p style="text-align: center;">DESIGNED BY:</p> <p style="text-align: center;"><i>[Signature]</i> EDUCATION OFFICER MARIKINA CITY</p>		<p style="text-align: center;">CHECKED BY:</p> <p style="text-align: center;"><i>[Signature]</i> SUPERVISOR MARIKINA CITY</p>
<p style="text-align: center;">DRAWN BY:</p> <p style="text-align: center;"><i>[Signature]</i> DESIGNER MARIKINA CITY</p>		<p style="text-align: center;">DATE:</p> <p style="text-align: center;">15-09-2023</p>
<p style="text-align: center;">PROJECT TITLE:</p> <p style="text-align: center;">TEACHER'S CHAIR (HDPE & STEEL)</p>		<p style="text-align: center;">SHEET NUMBER:</p> <p style="text-align: center;">1 2</p>

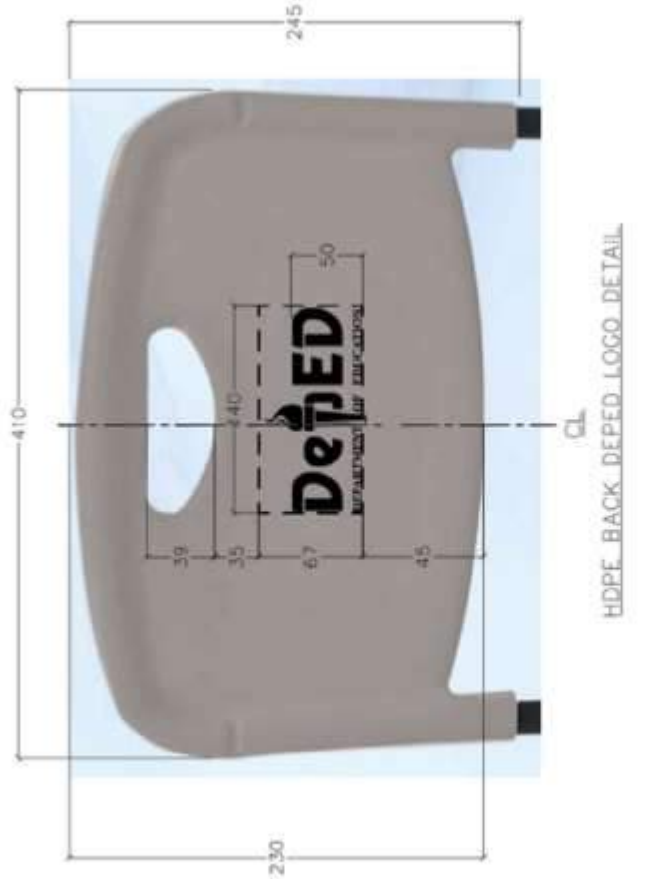
TEACHER'S CHAIR (HDPE & STEEL)



<p>DepEd DIVISION OFFICE DIVISION OFFICE DIVISION OFFICE</p>	<p>DESIGNED BY: <i>[Signature]</i> APPROVED BY: <i>[Signature]</i></p>	<p>RECOMMENDING AGENCY: DIVISION OFFICE DIST. - DIVISION OFFICE</p>	<p>PROJECT TITLE: TEACHER'S CHAIR (HDPE & STEEL)</p>	<p>PROJECT NO.: 2 2</p>
--	---	---	---	---

TEACHER'S CHAIR (HDPE & STEEL)

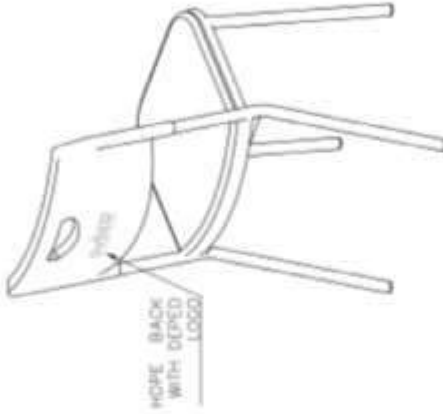
DEPED LOGO SPECIFICATIONS FOR ALL LEARNER AND TEACHER'S CHAIR



HDPE_BACK_DEPED_LOGO_DETAIL




DEPED_LOGO



PERSPECTIVE VIEW

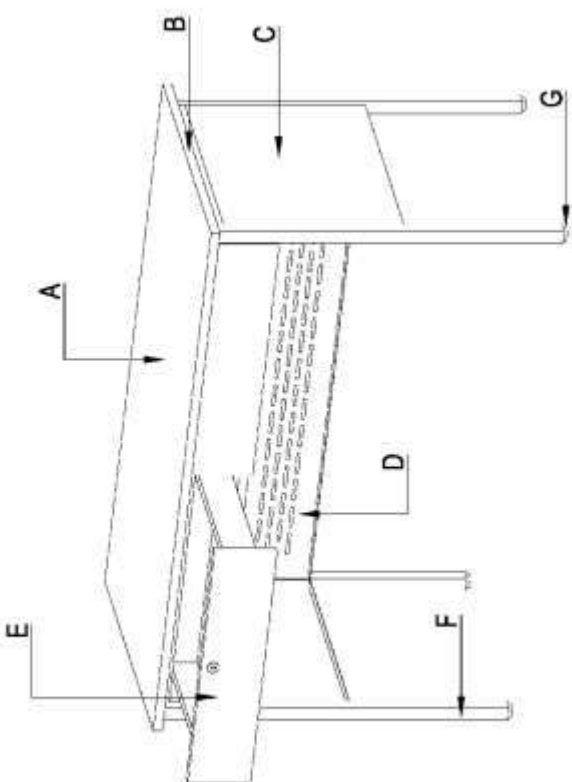
SPECIFICATIONS:

1. MATERIAL: BLOW MOLDED HDPE.
 2. MARKINGS: MINIMUM OF 0.8MM DEPTH EMBOSSED / MOLDED OFFICIAL "DepEd LOGO" WITH THE INSCRIPTION "DEPARTMENT OF EDUCATION" AS PER DRAWING.
 3. COLOR CODE: PANTONE 4665C OR COLOR HEX: #cda788 / RGB:205, 167, 136 / CMYK: 0%, 19%, 34%, 20%
 4. DEPED LOGO COLOR IS THE SAME AS BACKREST COLOR CODE.
- NOTE: BLACK COLOR OF LOGO SHOWN IS FOR ILLUSTRATION ONLY.

	DATE: 08/11/2023 BY: [Signature] FOR: [Signature]	DESIGNED BY: [Signature] EAST ASIAN UNIVERSITY 0.01 - 0.020 IN - 0.0005 INCHES	CHECKED BY: [Signature] EAST ASIAN UNIVERSITY 0.01 - 0.020 IN - 0.0005 INCHES	PROJECT TITLE: LEARNER & TEACHER'S CHAIR HDPE BACK DEPED LOGO DETAIL (HDPE & STEEL)	SHEET NO.: HDPE BACK DEPED LOGO DETAIL PERSPECTIVE VIEW DEPED LOGO	SHEET NO.: 1 1
---	---	--	---	--	---	----------------------




TEACHER'S TABLE (WOOD & STEEL)

TECHNICAL SPECIFICATIONS OF TEACHER'S TABLE	
MARK	COMPONENTS SPECIFICATIONS
A	18MM THK TOP BOARD ROUND CORNERS (1 SIDE 1.0MM THK HIGH PRESSURE LAMINATE /1 SIDE VARNISH FINISHES ON MARINE PLYWOOD)
B	2.0MM THICK PVC EDGING
C	0.6MM THICK COLD ROLL STEEL IN POWDER COATED FINISHES.
D	0.6MM THICK COLD ROLL STEEL IN POWDER COATED FINISHES WITH PUNCH HOLE DESIGN
E	DRAWER FACE : 1 SIDE 1.0MM THK HIGH PRESSURE LAMINATE / 1 SIDE VARNISH FINISHES ON 18MM THICK MARINE PLYWOOD DRAWER BOX : 0.6MM THICK COLD ROLL STEEL IN POWDER COATED FINISHES DRAWER LOCK : 1 LOCK ONLY PER TABLE, 400MM LONG RAIL GUIDE
F	1.0MMTHKX30MMX310MM STEEL TUBULAR
	1.0MMTHKX30MMX310MM STEEL TUBULAR
G	Ø16MM THREAD WITH 3Ø16MMØ PLASTIC BASE METAL FRAME BAR AND SCREW
	WOOD TO STEEL : SCREW, WOOD SCREW STEEL TO STEEL: FULL WELDING FOR TUBULAR TO FLAT BAR/CONNECTION STEEL TO STEEL (KNOCKDOWN): BOLT AND NUT FOR STEEL TUBULAR KD. DESIGN IS FOR BIDDER TO PROPOSE
SCHEDULE OF FINISHES	
2a	TOP BOARD 18MM THK TOP BOARD ROUND CORNERS (1 SIDE 1.0MM THK HIGH PRESSURE LAMINATE /1 SIDE VARNISH FINISHES ON MARINE PLYWOOD)
	EDGING 2.0MM THICK PVC EDGING
	SIDE/FRONT COVER 60-80 MICRON POWDER COAT FINISH FLAT BLACK FINISH
	METAL/STEEL TUBULAR 60-80 MICRON POWDER COAT FINISH FLAT BLACK FINISH
	LAMINATE COLOR PANTONE 728C OR COLOR HEX #ba7645 / RGB 186, 124, 68 / CMYK 0%, 33%, 65%, 27% WITH WOOD GRAIN (SERANO BEECH OR EQUIVALENT)
2b	EDGING – APPLICATION
1	GLUE APPLICATION ON EDGE OF TABLE TOP
2	APPLY PVC EDGING AND TRIM AND CLEAN

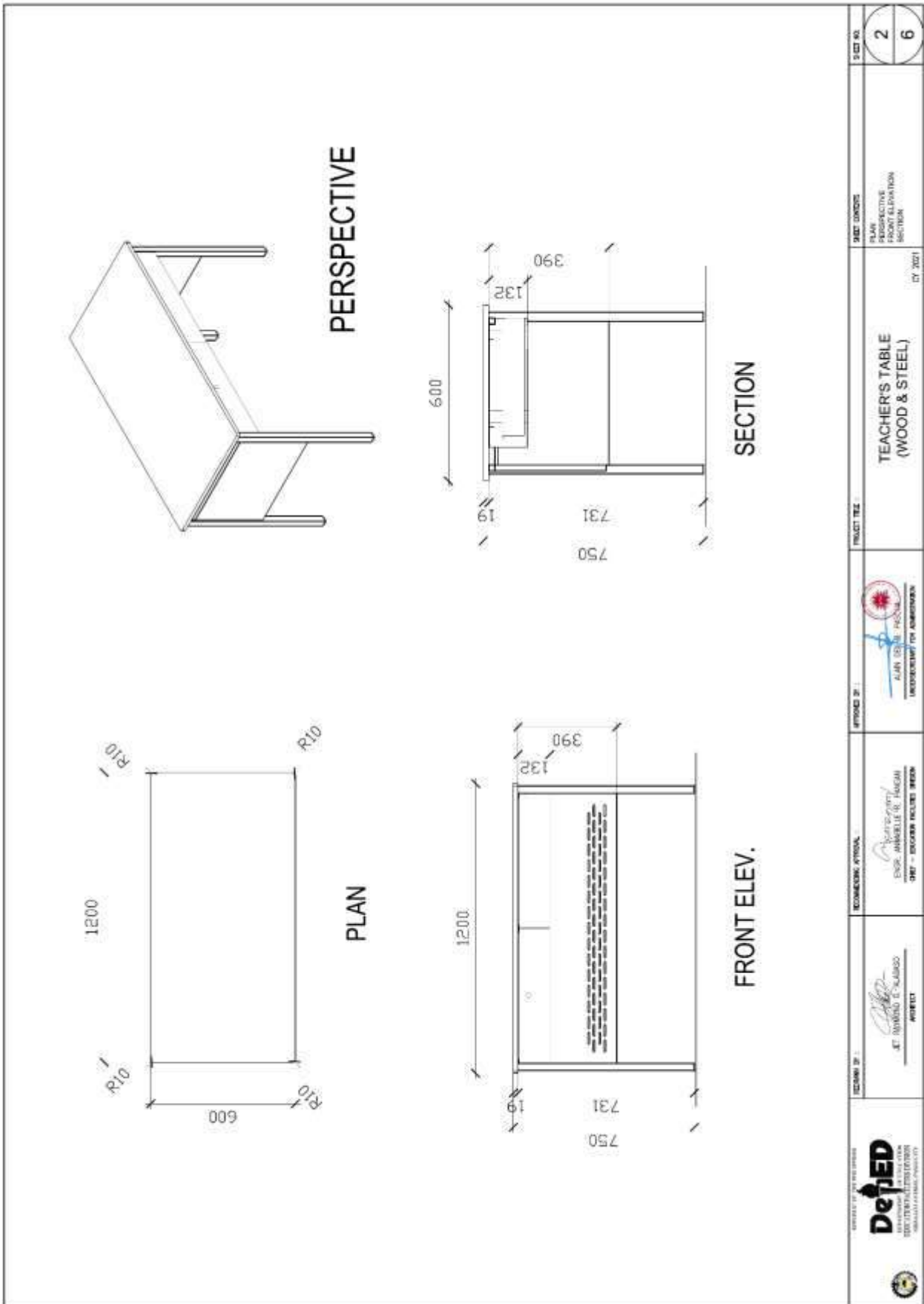






ISOMETRIC VIEW OF TEACHER'S TABLE
SCALE: 1:1

DIMENSIONS OF TEACHER'S TABLE (mm)			
MARK	COMPONENTS	DIMENSIONS	REMARKS
a	TABLE HEIGHT	750	ALL DIMENSION SHALL BE SUBJECTED TO A MAXIMUM TOLERANCE OF PLUS 10MM
b	TABLE LENGTH	1200	
c	TABLE WIDTH	600	
d	SIDING/FRONT COVER	380	

 DEPARTMENT OF EDUCATION KHYBER PAKHTUNKHWA	APPROVED BY :  DIRECTOR GENERAL OF EDUCATION KHYBER PAKHTUNKHWA	APPROVED BY :  HEAD OFFICE DEPARTMENT OF EDUCATION KHYBER PAKHTUNKHWA	SHEET NO. : TECHNICAL SPECIFICATION DIMENSIONS OF TEACHER'S TABLE (WOOD & STEEL) CT 2021	SHEET NO. 1 6
---	---	--	--	---------------------

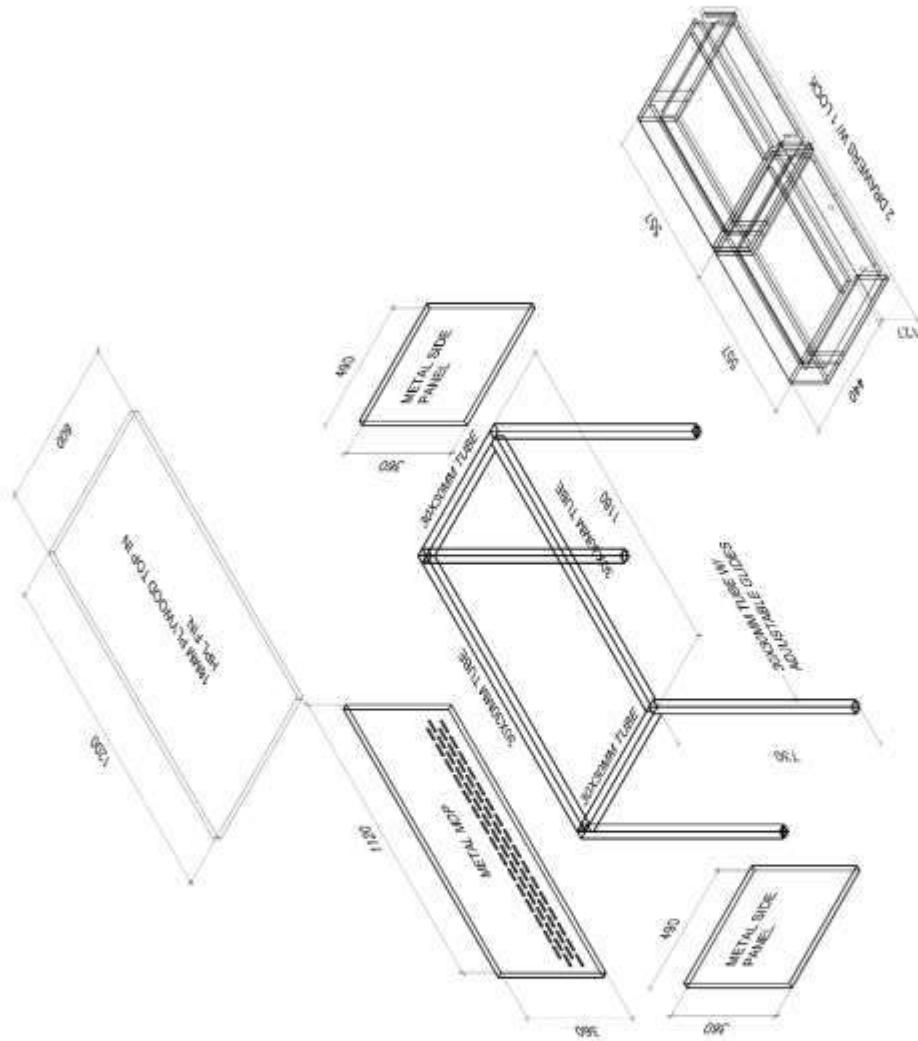
TEACHER'S TABLE (WOOD & STEEL)



 DEPARTMENT OF EDUCATION DIVISION OFFICE - MARIKINA CITY	DESIGN BY :  JET AMORINO E. SALUGO ARCHITECT	ENGINEERING APPROVAL:  ENGR. AMABELLE R. JANKIN CIVIL - STRUCTURAL ENGINEER	APPROVED BY :  ALAN S. P. P. P. ARCHITECT / CIVIL ENGINEER	PROJECT TITLE : TEACHER'S TABLE (WOOD & STEEL)	DATE : 07/2021	SHEET NO. : 2	TOTAL SHEETS : 6
	PROJECT NO. : TEACHER'S TABLE (WOOD & STEEL)		SHEET NO. : 2		TOTAL SHEETS : 6		

TEACHER'S TABLE (WOOD & STEEL)

TEACHER'S TABLE

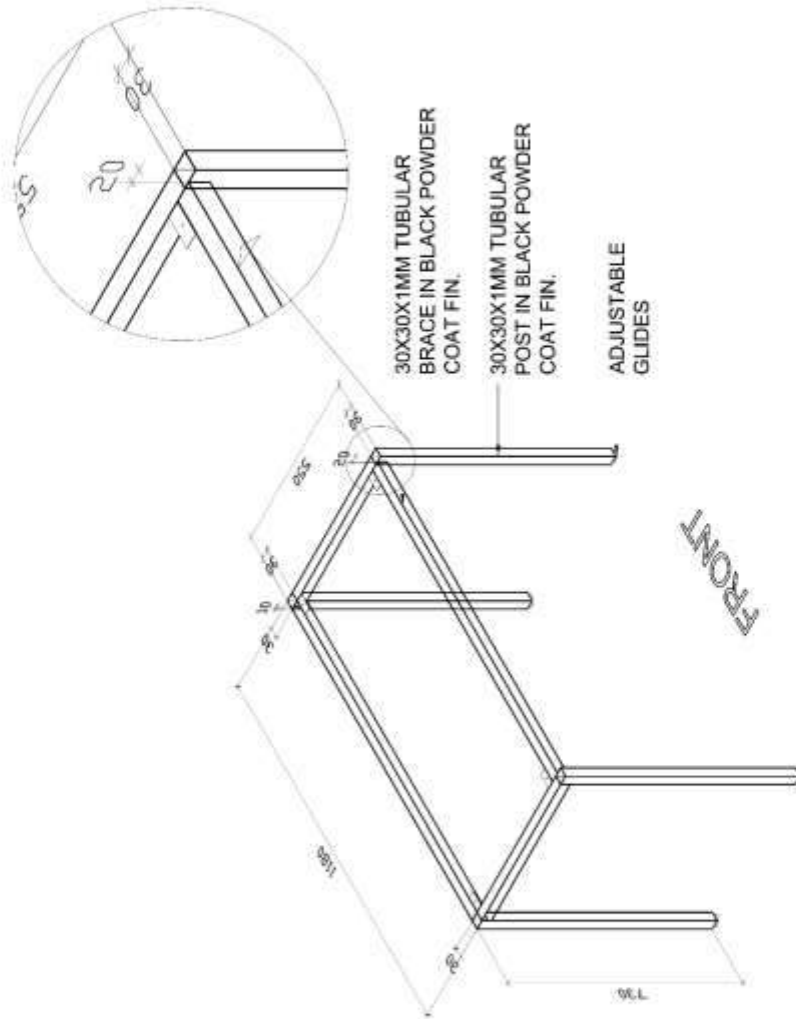


EXPLODED VIEW




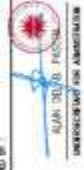
<p>DEPARTMENT OF EDUCATION DepEd WESTERN CAPE TECHNICAL FACILITIES DIVISION</p>	<p>DESIGNED BY: JET ROBINSON & PARTNERS ARCHITECT</p>	<p>TECHNICAL APPROVAL: ENGR. WIMBELLE DE VRIES JRF - DESIGN FACILITIES DIVISION</p>	<p>APPROVED BY: ALAN DE VRIES PROFESSOR OF ARCHITECTURE</p>	<p>PROJECT FILE: TEACHER'S TABLE (WOOD & STEEL) CT 2021</p>	<p>SHEET COMMENT: TEACHER'S TABLE EXPLODED VIEW</p> <p>SHEET NO: 3 / 6</p>
--	---	---	---	--	--

TEACHER'S TABLE (WOOD & STEEL)

METAL FRAMING DETAIL

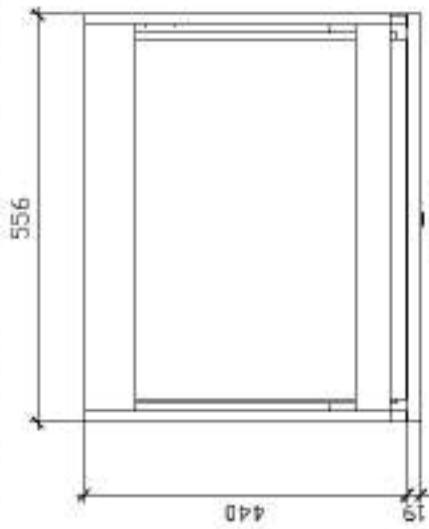


PERSPECTIVE

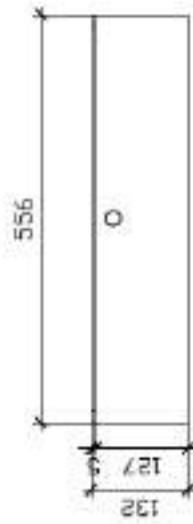
 DEPARTMENT OF EDUCATION Western Cape WES-CAPE WESTERN CAPE PROVINCE	DESIGN BY:  J. J. VAN DER MERWE ARCHITECT	TECHNICAL APPROVAL:  E. VAN DER MERWE ARCHITECT	APPROVED BY:  ALAN J. DE VRIES DIRECTOR GENERAL OF EDUCATION	PROJECT FILE: TEACHER'S TABLE (WOOD & STEEL) © 2021	USED COURSES: METAL FRAMING PERSPECTIVE	UNIT NO: 4 6
--	---	---	---	--	--	--------------------

TEACHER'S TABLE (WOOD & STEEL)

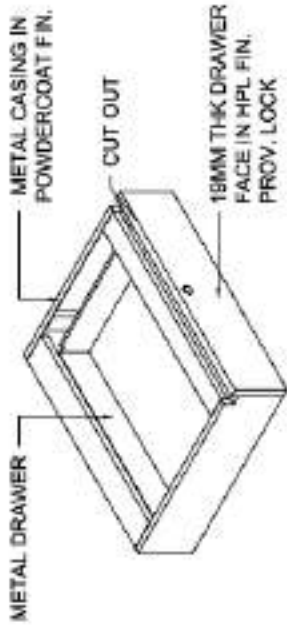
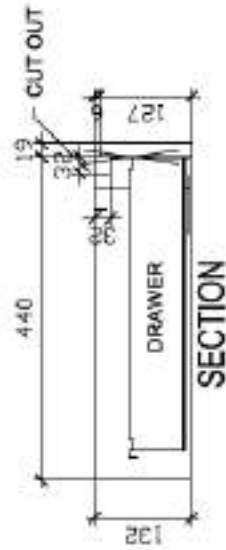
METAL CENTRAL DRAWER DETAIL



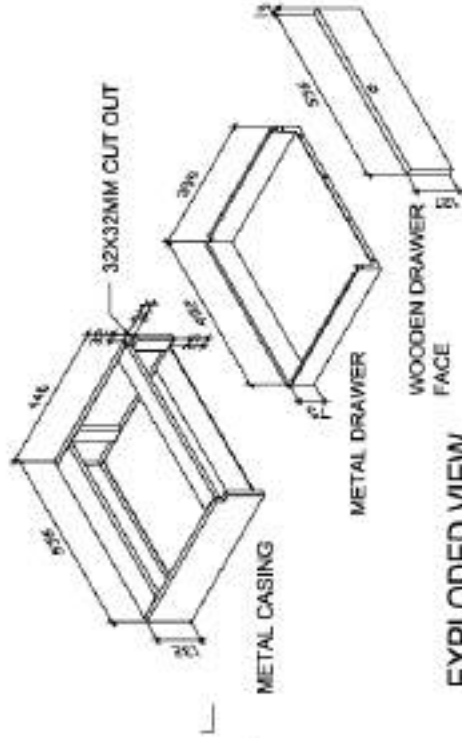
PLAN



FRONT ELEV.



PERSPECTIVE

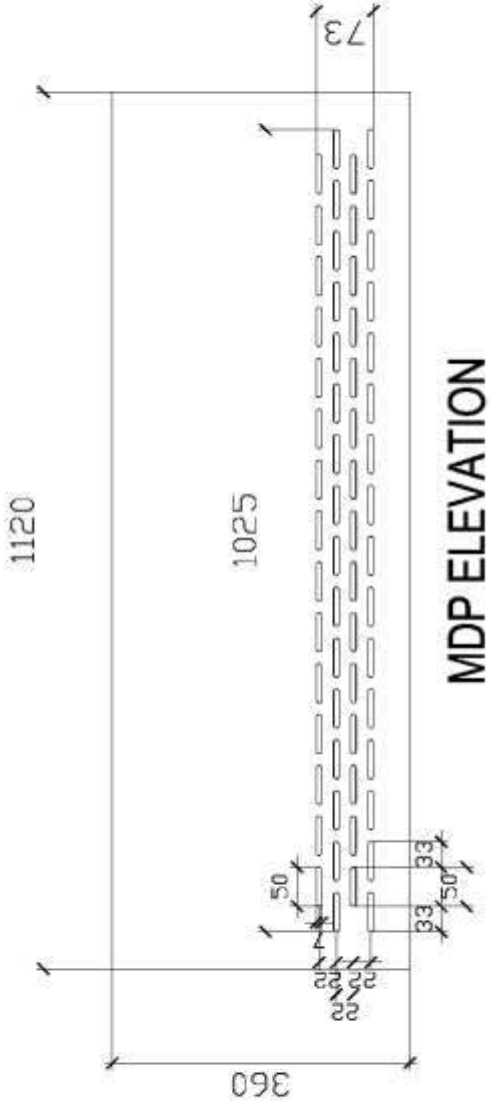


EXPLODED VIEW

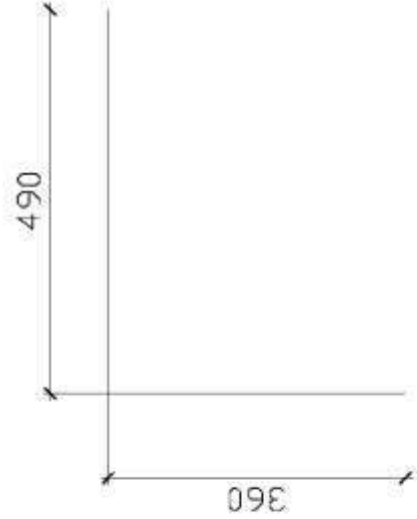
<p>DepEd DIVISION OFFICE MARIKINA CITY</p>	<p>DESIGNED BY: <i>[Signature]</i> DATE: 06/11/2019 BY: <i>[Signature]</i></p>	<p>REVISIONS:</p>	<p>PROJECT NO.: <i>[Blank]</i></p>	<p>PROJECT TITLE: TEACHER'S TABLE (WOOD & STEEL)</p>	<p>DATE: 07/2019</p>	<p>NO. OF SHEETS: 6</p>
	<p>APPROVED BY: <i>[Signature]</i> DATE: 06/11/2019 BY: <i>[Signature]</i></p>	<p>PROJECT NO.: <i>[Blank]</i></p>	<p>PROJECT TITLE: TEACHER'S TABLE (WOOD & STEEL)</p>	<p>DATE: 07/2019</p>	<p>NO. OF SHEETS: 6</p>	

TEACHER'S TABLE (WOOD & STEEL)

PERFORATED MDP & SIDE PANEL DETAIL



MDP ELEVATION



SIDE PANEL ELEVATION

<p>DEPARTMENT OF EDUCATION WESTERN AUSTRALIA</p>	<p>DESIGNED BY: JIT KERRICK & PARTNERS ARCHITECTS</p>	<p>RECOMMENDING APPROVAL: EUGEN WASSERLE & PARTNERS DEF - DESIGN / RULED ENGINEER</p>	<p>APPROVED BY: ALAN DEAN REGISTERED ARCHITECT MEMBER OF THE ARCHITECTS BOARD</p>	<p>PROJECT TITLE: TEACHER'S TABLE (WOOD & STEEL)</p>	<p>DATE OWNERS PERFORATED MDP & SIDE PANEL DETAIL</p>	<p>SHEET NO. 6 6</p>
--	---	---	---	--	---	------------------------------

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.

FOR BILL OF QUANTTES PLEASE REFER TO THE
PROGRAM OF WORKS - BILL OF QUANTITIES FOUND ON
SECTION VI - SPECIFICATIONS

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

(Revised Checklist with reference to GPPB Resolution no. 15 - 2021)

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Documents

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

Technical Documents

- (b) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**
- (c) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules *(Statement of On-going Contracts and Statement of Bidder's SLCC should be supported by, but not limited to: Notice of Award; or Notice to Proceed; or Project Owner's Certificate of Final Acceptance issued by the owner other than the contractor) (ITB Clause 10.1 on Section III. Bid Data Sheet);*
and
- (d) A valid PCAB License and in case of joint ventures a Special PCAB License **and** registration for the type and cost of the contract to be bid; **and**
- (e) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;
or
Original copy of Notarized Bid Securing Declaration; **and**
- (f) Project Requirements, which shall include the following:
- a. Organizational chart for the contract to be bid;
- b. List of contractor's key personnel (*e.g.*, Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data;
- c. List of contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership or certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be; **and**

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

Financial Documents

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

Class "B" Documents

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

Other documentary requirements as required by the procuring entity

- (j) Affidavit of Site Inspection duly notarized **and**
- (k) Certificate of Site Inspection duly signed by the School Head or its Representative.
(ITB Clause 3 on Section III. Bid Data Sheet)

Required number of copies of Eligibility + Technical Component Documents:

- One (1) Original Copy - "ORIGINAL - TECHNICAL COMPONENT"
- One (1) Additional Copy (Copy 1) - "COPY 1 - TECHNICAL COMPONENT"
(ITB Clause 16 on Section III. Bid Data Sheet)



II. FINANCIAL COMPONENT ENVELOPE

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

Other documentary requirements under RA No. 9184

- (m) Original of duly signed Bid Prices in the Bill of Quantities; **and**
- (n) 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**
(ITB Clause 11.1 on Section III. Bid Data Sheet)
- (o) Cash Flow by Quarter.

Required number of copies of Financial Component Documents, including the required compact disc (CD) or USB flash drive:

- One (1) Original Copy - “ORIGINAL - FINANCIAL COMPONENT”
- One (1) Additional Copy (Copy 1) - “COPY 1 - FINANCIAL COMPONENT”
-  |  One (1) Compact Disc (CD) or USB Flash Drive
(ITB Clause 16 on Section III. Bid Data Sheet)

BIDDING FORMS

- a. Bid Securing Declaration Form
- b. Bid Form
- c. Contract Agreement Form
- d. Omnibus Sworn Statement Form
- e. Organizational Chart
- f. List of Contractor's Key Personnel
- g. List of Contractor's Major Equipment Units
- h. Net Financial Contracting Capacity (NFCC)
- i. Cash Flow by Quarter

Bid Securing Declaration Form

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

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

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

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

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid Securing Declaration.
2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA No. 9184; without prejudice to other legal action the government may undertake.
3. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:
 - a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
 - b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right; and
 - c. I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this ____ day of *[month]* *[year]* at *[place of execution]*.

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]

Affiant

[Jurat]

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

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

BID FORM

Date : _____

Project Identification No. : _____

To: *[name and address of Procuring Entity]*

Having examined the Philippine Bidding Documents (PBDs) including the Supplemental or Bid Bulletin Numbers *[insert numbers]*, the receipt of which is hereby duly acknowledged, we, the undersigned, declare that:

- a. We have no reservation to the PBDs, including the Supplemental or Bid Bulletins, for the Procurement Project: *[insert name of contract]*;
- b. We offer to execute the Works for this Contract in accordance with the PBDs;
- c. The total price of our Bid in words and figures, excluding any discounts offered below is: *[insert information]*;
- d. The discounts offered and the methodology for their application are: *[insert information]*;
- e. The total bid price includes the cost of all taxes, such as, but not limited to: *[specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties]*, which are itemized herein and reflected in the detailed estimates,
- f. Our Bid shall be valid within the a period stated in the PBDs, and it shall remain binding upon us at any time before the expiration of that period;
- g. If our Bid is accepted, we commit to obtain a Performance Security in the amount of *[insert percentage amount]* percent of the Contract Price for the due performance of the Contract, or a Performance Securing Declaration in lieu of the the allowable forms of Performance Security, subject to the terms and conditions of issued GPPB guidelines² for this purpose;

² currently based on GPPB Resolution No. 09-2020

- h. We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;
- i. We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed; and
- j. We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.
- k. We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for the [Name of Project] of the [Name of the Procuring Entity].
- l. We acknowledge that failure to sign each and every page of this Bid Form, including the Bill of Quantities, shall be a ground for the rejection of our bid.

Name: _____

Legal Capacity: _____

Signature: _____

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

Date: _____

**Contract Agreement Form for the
Procurement of Infrastructure Projects (Revised)**

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

CONTRACT AGREEMENT

THIS AGREEMENT, made this *[insert date]* day of *[insert month]*, *[insert year]* between *[name and address of PROCURING ENTITY]* (hereinafter called the “Entity”) and *[name and address of Contractor]* (hereinafter called the “Contractor”).

WHEREAS, the Entity is desirous that the Contractor execute *[name and identification number of contract]* (hereinafter called “the Works”) and the Entity has accepted the Bid for *[contract price in words and figures in specified currency]* by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents as required by the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184 shall be deemed to form and be read and construed as part of this Agreement, *viz.*:
 - a. Philippine Bidding Documents (PBDs);
 - i. Drawings/Plans;
 - ii. Specifications;
 - iii. Bill of Quantities;
 - iv. General and Special Conditions of Contract;
 - v. Supplemental or Bid Bulletins, if any;
 - b. Winning bidder’s bid, including the Eligibility requirements, Technical and Financial Proposals, and all other documents or statements submitted;

Bid form, including all the documents/statements contained in the Bidder’s bidding envelopes, as annexes, and all other documents submitted (*e.g.*, Bidder’s response to request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity’s bid evaluation;

- c. Performance Security;
- d. Notice of Award of Contract and the Bidder’s conforme thereto; and

- e. Other contract documents that may be required by existing laws and/or the Procuring Entity concerned in the PBDs. **Winning bidder agrees that additional contract documents or information prescribed by the GPPB that are subsequently required for submission after the contract execution, such as the Notice to Proceed, Variation Orders, and Warranty Security, shall likewise form part of the Contract.**
3. In consideration for the sum of *[total contract price in words and figures]* or such other sums as may be ascertained, *[Named of the bidder]* agrees to *[state the object of the contract]* in accordance with his/her/its Bid.
4. The *[Name of the procuring entity]* agrees to pay the above-mentioned sum in accordance with the terms of the Bidding.

IN WITNESS whereof the parties thereto have caused this Agreement to be executed the day and year first before written.

[Insert Name and Signature]
[Insert Signatory's Legal Capacity]

[Insert Name and Signature]
[Insert Signatory's Legal Capacity]

for:

for:
[Insert Procuring Entity]

[Insert Name of Supplier]

Acknowledgment

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

Omnibus Sworn Statement (Revised)

[shall be submitted with the Bid]

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

AFFIDAVIT

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

1. *[Select one, delete the other:]*

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

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

2. *[Select one, delete the other:]*

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

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

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

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

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

6. *[Select one, delete the rest:]*
[If a sole proprietorship:] The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;
[If a partnership or cooperative:] None of the officers and members of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;
[If a corporation or joint venture:] None of the officers, directors, and controlling stockholders of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;
7. *[Name of Bidder]* complies with existing labor laws and standards; and
8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
- a. Carefully examining all of the Bidding Documents;
 - b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
 - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.
9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.
- 10. In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.**

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

*[Insert NAME OF BIDDER OR ITS AUTHORIZED
REPRESENTATIVE]*

[Insert signatory's legal capacity]

Affiant

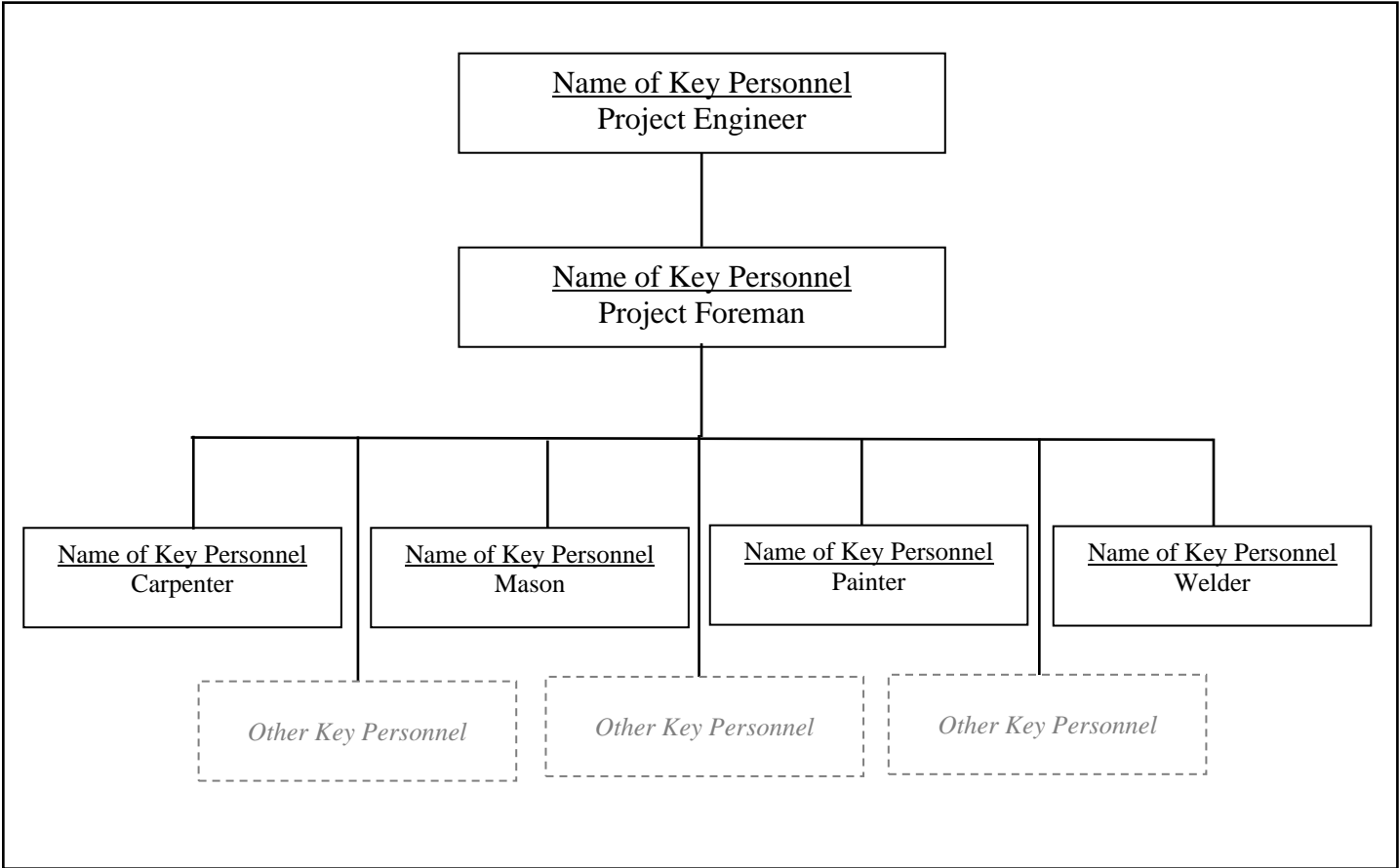
[Jurat]

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

CONTRACTOR'S LOGO / HEADER

CONTRACTOR'S ORGANIZATIONAL CHART FOR THE PROJECT:

Project Title



This organization chart should represent the "Contractor's Organization" required for the Project, and not the organizational chart of the entire firm/company.

 (Printed Name and Signature)
 Bidder or It's Authorized Representative

 Date

CONTRACTOR'S LOGO / HEADER

List of Key Personnel to be Assigned to the Project

_____ *Project Title*

Business Name : _____
 Business Address : _____

	Project Manager / Engineer	Project Foreman	Carpenter	Helper	Other positions deemed necessary by the bidder for this project
1 Name					
2 Address					
3 Date of Birth					
4 Employed since					
5 Experience					
6 Previous					
7 Education					
8 PRC License					
9 Other Relevant Certificate/s					

Minimum Requirements { : Project Engineer
 : Foreman
 : Carpenter
 : Helper

Note : Attached bio-data or individual resume and PRC License of the (professional) personnel.

By affixing my signature below, I certify that the List of Key Personnel above are employed by (Name of the Bidder) and shall be engaged in the implementation of the project.

Designation : _____
 Date : _____

 (Printed Name & Signature)

CONTRACTOR'S LOGO / HEADER

List of Equipment, Owned or Leased and/or under Purchase Agreements, to be used for the Project

Project Title _____

Business Name : _____
 Business Address : _____

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

List of minimum equipment required for the project:

By affixing my signature below, I certify the availability of equipment that (Name of the Bidder) owns, has under lease, and/or has under purchase agreements, that may be used for the construction contracts.

 (Printed Name & Signature)
 Designation: _____
 Date: _____

CONSTRUCTOR'S LOGO / HEADER

NET FINANCIAL CONTRACTING CAPACITY (NFCC)

(Pursuant to Section 23.4.2.6 of the 2016 Revised IRR of RA 9184)

The values of the domestic bidder's current assets and liabilities shall be based on the audited financial statement, stamped "RECEIVED" by the Bureau of Internal Revenue (BIR) for the preceding calendar/tax year from the date of submission.

Y E A R 2 0 ____	
CURRENT ASSETS	
CURRENT LIABILITIES	
VALUE OF OUTSTANDING CONTRACTS	
COMPUTED NET FINANCIAL CONTRACTING CAPACITY (NFCC)	

The computation of a bidder's NFCC must be at least equal to the ABC to be bid, calculated as follows:

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

Submitted by: _____
(Printed Name & Signature)
Designation : _____
Date : _____

CONTRACTOR'S LOGO / HEADER

CASH FLOW BY QUARTER

For the Project:

Project Title

Y E A R 2 0 _____

PARTICULAR	TOTAL	1 ST QUARTER			2 ND QUARTER			SUCCEEDING QUARTER/S	
		1 ST Month	2 nd Month	3 rd Month	4 th Month	5 th Month	6 th Month	Succeeding	Month/s
ACCOMPLISHMENT, in %									
CUMULATIVE ACCOMPLISHMENT, in %									
CASH FLOW, in PhP.									
CUMULATIVE CASH FLOW, in PhP.									

Submitted by:

Printed Name and Signature of Bidder or Authorized Representative

 (Position / Designation)

 (Date)

ANNEXES

- ANNEX A. Certificate of Site Inspection and Affidavit of Site Inspection
- ANNEX B. Memorandum on Contractor's All Risk Insurance (CARI)
- ANNEX C. Sealing and Marking of Bids
- ANNEX D. Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started
- ANNEX E. Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid
- ANNEX F. Revised PhilGEPS Certificate of Platinum Registration and Membership (*First Page*)



Republic of the Philippines
Department of Education
 REGION VII – central visayas
SCHOOLS DIVISION OF NEGROS ORIENTAL

CERTIFICATE OF SITE INSPECTION

DATE: _____

MARCELO K. PALISPIS, JD, EdD
 OIC - Assist. Schools Division Superintendent
 Chair, Bids and Awards Committee
 DepEd, Schools Division of Negros Oriental
 Dumaguete City

This is to certify that:

1. _____
2. _____

having represented themselves that he/she/they is/are the duly authorized representative/s of _____ with office address at _____ has/have inspected the actual site for the proposed infrastructure project: **CY 2024 Last Mile Schools Program – Lot 2 (Construction of One (1) Storey – Two (2) Classroom School Building with Common Toilet, Provision of Rainwater Collector, School Furniture, Solar PV Energy System and Water System at Panusuan ES, Amlan, Negros Oriental).**

This certification is issued to the above named contractor / representative/s as required in the Bid Data Sheet - ITB Clause 3.

Issued by:

 School Head / Representative

Republic of the Philippines)
City of _____) s.s.

AFFIDAVIT OF SITE INSPECTION

I, [[Complete Name of Affiant]] of legal age, [[single/ married/ widower]], Filipino and residing at [[Complete Home Address]], after having been duly sworn by law, hereby depose and say:

1. That I am the [[State your company position / rank]] of [[State your company name]] with office address at [[State company's complete address]];
2. That I / our representative/s have inspected the actual site for the project **CY 2024 Last Mile Schools Program – Lot 2 (Construction of One (1) Storey – Two (2) Classroom School Building with Common Toilet, Provision of Rainwater Collector, School Furniture, Solar PV Energy System and Water System at Panusuan ES, Amlan, Negros Oriental)**;
3. That I am making this statement as part of the bidding requirements of the Department of Education, Schools Division of Negros Oriental for the project, **CY 2024 Last Mile Schools Program – Lot 2 (Construction of One (1) Storey – Two (2) Classroom School Building with Common Toilet, Provision of Rainwater Collector, School Furniture, Solar PV Energy System and Water System at Panusuan ES, Amkab, Negros Oriental)**;

IN WITNESS WHEREOF, I have hereunto set my signature this ___ day of _____, 20__ at _____.

[[Complete Name of Affiant & Signature]]
Affiant

SUBSCRIBE AND SWORN to before me this ___ day of _____, 20__ at _____, affiant having exhibited to me his/her [[Valid Government ID, [ID No]]]. issued on _____, issued at _____.

[[Notary Public]]

Doc. No. ____
Page No. ____
Book No. ____
Series of 20__



Republika ng Pilipinas
Kagawaran ng Edukasyon
 Tanggapan ng Pangalawang Kalihim

OUA MEMO 00-0121-0081
MEMORANDUM
 22 January 2021

For: Regional Directors
Schools Division Superintendents
Regional Engineers
Division Engineers
All Others Concerned

Subject: CONTRACTOR'S ALL RISK INSURANCE (CARI) FOR
INFRASTRUCTURE PROJECTS

The Office of the Undersecretary for Administration (OUA) requires all DepEd-implemented infrastructure projects to be covered by Contractor's All Risk Insurance (CARI) policy.

In line with this, Division and Project Engineers are hereby directed to ensure that the bidding documents include the CARI policy prior to the awarding of contract.

For all future correspondence and queries on the above-mentioned subject, please contact Ms. Czarina Suzette D. Santiago, Administrative Assistant II of EFD, through +63 917 676 0559 and email at czarina.santiago@deped.gov.ph

For compliance of all concerned.


ALAIN DEL B. PASCUA
 Undersecretary

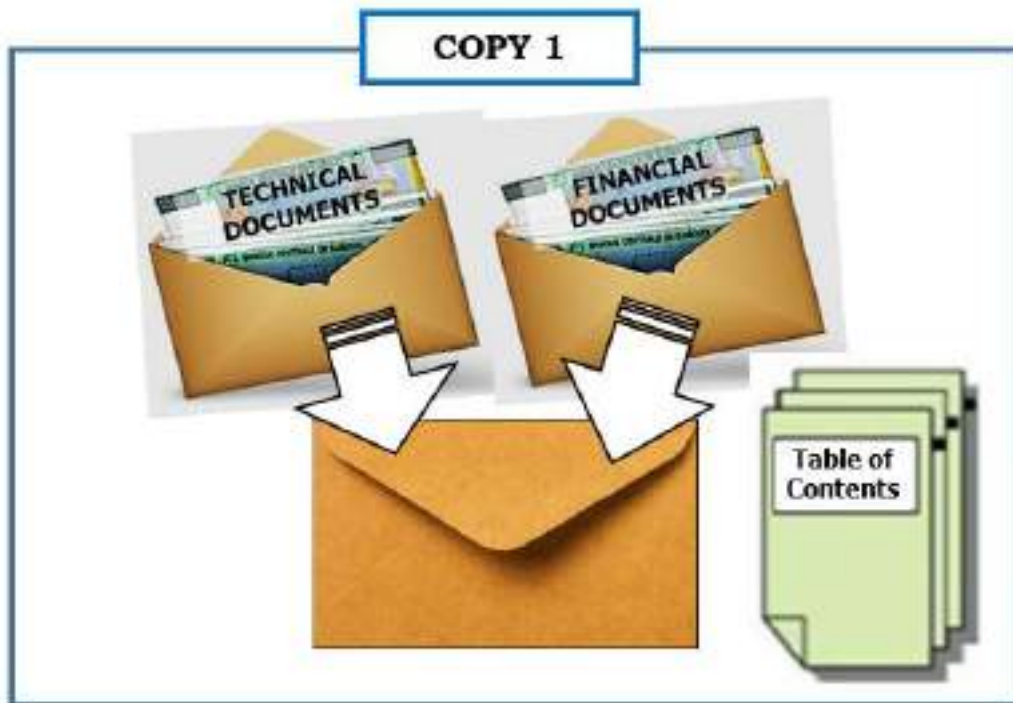
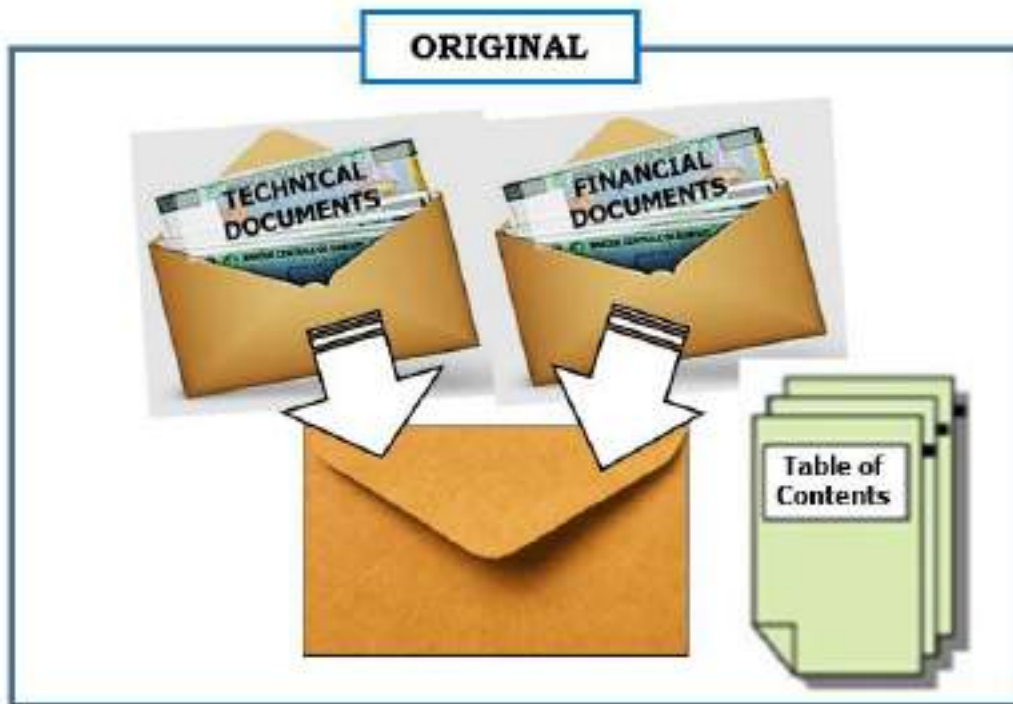


Office of the Undersecretary for Administration (OUA)

Administrative Service (AS), Information and Communications Technology Service (ICTS), Disaster Risk Reduction and Management Service (DRMMS), Bureau of Learner Support Services (BLSS), Baguio Teachers Camp (BTC), Central Security & Safety Office (CSSO)

Department of Education, Central Office, Meralco Avenue, Pasig City
 Rm 519, Mabini Bldg; Mobile: +639260320762; Tel: (+632) 86337203, (+632) 86376207
 Email: usec.admin@deped.gov.ph; Facebook/Twitter @depedtayo

SEALING AND MARKING OF BIDS



Unsealed or unmarked bid envelopes shall be rejected.



Statement of Single Largest Completed Government & Private Construction Contracts

Business Name : _____
 Business Address : _____

Name of Contract / Location Contract Completion Period in Calendar Days	a. Owner's Name b. Address c. Telephone	Nature of Work	Contractor's Role		a. Amount at Award b. Amount at Completion c. Actual Contract Duration	a. Date Awarded b. Contract Effectivity c. Date Completed
			Description	%		
Government						
Private						

Note: The bidder shall be able to support this statement with:
 Duly signed Contracts, Agreements, Proposals, Job Orders, Notice of Award, Notice of Proceed and/or Inspection and
 Acceptance Reports issued by the owner / representative, duly signed CPES rating sheets and/or Certificates of Completion / Acceptance

Submitted by: _____
 (Print Name and Signature)
 Designation: _____
 Date: _____

This is one of the technical documents required to be in the Technical Component Envelope of a prospective bidder.

Republic of the Philippines
Department of Budget and Management
PROCUREMENT SERVICE

CERTIFICATE OF PHILGEPS REGISTRATION
(Platinum Membership)

THIS IS TO CERTIFY THAT

(NAME OF BIDDER)
Address

is registered in the Philippine Government Electronic Procurement System (PhilGEPS) on (date of registration) pursuant to Section 8.5.2 of the Revised Implementing Rules and Regulations of Republic Act No. 9184, otherwise known as the Government Procurement Reform Act.

This further certifies that (name of the prospective bidder) has submitted the required eligibility documents in the PhilGEPS Supplier Registry as listed in Annex A which document is attached hereto and made an integral part hereof.

For the purpose of updating this Certificate, all Class "A" eligibility documents covered by Section 8.5.2 of the Revised Implementing Rules and Regulations of Republic Act No. 9184 supporting the veracity, authenticity and validity of this Certificate shall remain current and updated. The failure by the prospective bidder to update this Certificate with the current and updated Class "A" eligibility documents shall result in the automatic suspension of its validity until such time that all of the expired Class "A" eligibility documents has been updated.

By submitting this Certificate, the Bidder certifies:

- 1. the authenticity, genuineness, validity, and completeness of the copy of the original eligibility documents submitted;**
- 2. the veracity of the statements and information contained therein;**
- 3. that the Certificate is not a guaranty that the named registrant will be declared eligible without first being determined to be such for that particular bidding, nor is it evidence that the Bidder has passed the post-qualification stage; and**
- 4. that any finding of concealment, falsification, or misrepresentation of any of the eligibility documents submitted, or the contents thereof shall be a ground for disqualification from further participation in the bidding process, without prejudice to the imposition of appropriate administrative, civil and criminal penalty in accordance with the laws.**

This Certificate is valid until (date of expiration).

Issued this (date) day of (month), year.

This is a system-generated certificate. No signature is required.

Documentary Stamp Tax Paid 30.00
Certificate Reference No:

(QR Code)

Republic of the Philippines



Government Procurement Policy Board