



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

# **PHILIPPINE BIDDING DOCUMENTS**

## **CY 2021 BASIC EDUCATIONAL FACILITIES FUNDS (BEFF) - REPAIR OF CLASSROOMS**

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.

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# *Glossary of Terms, Abbreviations, and Acronyms*

**ABC** – Approved Budget for the Contract.

**ARCC** – Allowable Range of Contract Cost.

**BAC** – Bids and Awards Committee.

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

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

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

**BIR** – Bureau of Internal Revenue.

**BSP** – BangkoSentral 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 2021 Basic Educational Facilities Funds (BEFF) -**  
**Repair of Classrooms**

1. The **Department of Education - Schools Division of Negros Oriental**, through its **Bids and Awards Committee (BAC)** intends to apply the following sum being the Approved Budget for the Contract (ABC) to payments under the contract for each lot:

<b>Lot No.</b>	<b>Project Description</b>	<b>Approved Budget for the Contract (ABC)</b>
1	So-ok Elementary School, Ayungon	Php3,721,317.42
2	Binalbagan Elementary School, Canlaon City	Php4,706,070.84
3	Tigbahi Elementary School, Canlaon City	Php4,246,688.66
4	Villa Iowa Elementary School, Canlaon City	Php5,165,453.02
5	Pedro Gobuyan, Sr. MES (Mayaposi ES), Mabinay	Php1,965,466.89
6	San Roque Primary School, San Jose	Php1,966,423.02
7	Santiago Delmo MHS (Maluay HS), Zamboanguita	Php8,901,004.30
	<b>TOTAL Approved Budget for the Contract (ABC):</b>	<b>Php30,672,424.15</b>

Bids received in excess of the ABC for each lot 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 as follows:
- 3.

<b>Lot No.</b>	<b>Project Description</b>	<b>Contract Duration</b>
1	So-ok Elementary School, Ayungon	120 CD
2	Binalbagan Elementary School, Canlaon City	120 CD
3	Tigbahi Elementary School, Canlaon City	120 CD
4	Villa Iowa Elementary School, Canlaon City	120 CD
5	Pedro Gobuyan, Sr. MES (Mayaposi ES), Mabinay	120 CD

6	San Roque Primary School, San Jose	120 CD
7	Santiago Delmo MHS (Maluay HS), Zamboanguita	150 CD

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).

4. 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.
5. 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)**.
6. A complete set of Bidding Documents may be acquired by interested bidders on **June 9, 2021 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 as follows.

<b>Lot No.</b>	<b>Project Description</b>	<b>Approved Budget for the Contract (ABC)</b>	<b>Bid Document Applicable Fee</b>
1	So-ok ES, Ayungon	Php3,721,317.42	Php5,000.00
2	Binalbagan ES, Canlaon	Php4,706,070.84	Php5,000.00
3	Tigbahi ES, Canlaon	Php4,246,688.66	Php5,000.00
4	Villa Iowa ES, Canlaon	Php5,165,453.02	Php10,000.00
5	Pedro Gobuyan, Sr. MES (Mayaposi ES), Mabinay	Php1,965,466.89	Php5,000.00
6	San Roque Primary School, San Jose	Php1,966,423.02	Php5,000.00
7	Santiago Delmo MHS (Maluay HS), Zamboanguita	Php8,901,004.30	Php10,000.00

Interested bidders may pay the applicable fees in person or deposit their payment for the Bidding Documents 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** . After verification from the bank, the bidding documents will be sent through email provided that the

bidder shall print the bid documents and submit them to the procuring entity as a requirement among others before the awarding of contract.

7. The **Department of Education - Schools Division of Negros Oriental** will hold a Pre-Bid Conference<sup>1</sup> on **9:00 A.M., June 14, 2021** at the Conference Room, DepEd, Schools Division of Negros Oriental, Kagawasan Avenue, Capitol Area, Daro, Dumaguete City and/or through videoconferencing/webcasting via ZOOM link: <https://zoom.us/j/96172658257?pwd=UUFRRUG1lelpCYjFRalk3L2xxekZJZz09>, Meeting ID: **961 7265 8257** and Password: **7qv4BF**, which shall be open to prospective bidders.
8. Bids must be duly received by the BAC Secretariat through manual submission at the office address as indicated below, on or before **8:00 A.M., June 28, 2021**. Late bids shall not be accepted.
9. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 15.
10. Bid opening shall be on **8:00 A.M., June 28, 2021** at the Conference Room, DepEd, Schools Division of Negros Oriental, Kagawasan Avenue, Capitol Area, Daro, Dumaguete City and/or through videoconferencing/webcasting via ZOOM link: <https://zoom.us/j/98348355249?pwd=MSs2bTBJMIV6ZXFaQjg3bE1ldkNvUT09> Meeting ID: **983 4835 5249** Password: **m1ztUy**. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
11. 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 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.
12. For further information, please refer to:

**JOELYZA M. ARCILLA, EdD, CESE**  
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](http://www.depednegor.net)

**JOELYZA M. ARCILLA, EdD, CESE**  
OIC - Asst. Schools Division of Negros Oriental  
Chairperson, Bids & Awards Committee

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

## ***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 2021 Basic Educational Facilities Funds (BEFF) - Repair of Classrooms Lots 1 to 7.**

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 2021 in the total amount of **Thirty Million Six Hundred Seventy Two Thousand Four Hundred Twenty Four and 15/100 Pesos Only (Php30,672,424.15).**

**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 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 Procuring Entity requires that interested bidder MUST secure the Certificate of Site Inspection signed by the respective School Head or its Representative of each school beneficiary that the interested bidder planned to bid for.</p> <p>Standard Form of the Certificate of Site Inspection is found in ANNEX A and can also be acquired upon purchase of the bid document.</p> <p>Duly signed Certificate of Site Inspection is among the documents required by the procuring entity and must be included the Financial Component Envelope as specified in Section IX. Checklist of Technical and Financial Documents.</p>																		
5.2	<p>For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be but not limited to:</p> <ol style="list-style-type: none"> <li>1. Concreting / Masonry Works</li> <li>2. Doors and Windows</li> <li>3. Steel Works</li> <li>4. Roofing Works</li> <li>5. Carpentry Works</li> <li>6. Electrical Works</li> <li>7. Plumbing Works</li> <li>8. Painting Works</li> <li>9. Rebar Works</li> <li>10. Tile Works</li> </ol>																		
7.1	<p>Subcontracting is not allowed.</p>																		
10.3	<p>No further instructions.</p>																		
10.4	<p>The key personnel must meet the required minimum years of experience set below:</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="padding: 5px;"><b>KEY PERSONNEL</b></th> <th style="padding: 5px;"><b>Number of Years of Relevant Experience</b></th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">1. Project Engineer</td> <td style="padding: 5px;">At least 1 year experience</td> </tr> <tr> <td style="padding: 5px;">2. General Foreman</td> <td style="padding: 5px;">At least 1 year experience</td> </tr> <tr> <td style="padding: 5px;">3. Welder</td> <td style="padding: 5px;">At least 1 year experience</td> </tr> <tr> <td style="padding: 5px;">4. Carpenter</td> <td style="padding: 5px;">At least 1 year experience</td> </tr> <tr> <td style="padding: 5px;">5. Plumber</td> <td style="padding: 5px;">At least 1 year experience</td> </tr> <tr> <td style="padding: 5px;">6. Mason</td> <td style="padding: 5px;">At least 1 year experience</td> </tr> <tr> <td style="padding: 5px;">7. Painter</td> <td style="padding: 5px;">At least 1 year experience</td> </tr> <tr> <td style="padding: 5px;">8. Electrician</td> <td style="padding: 5px;">At least 1 year experience</td> </tr> </tbody> </table>	<b>KEY PERSONNEL</b>	<b>Number of Years of Relevant Experience</b>	1. Project Engineer	At least 1 year experience	2. General Foreman	At least 1 year experience	3. Welder	At least 1 year experience	4. Carpenter	At least 1 year experience	5. Plumber	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
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10.5	<p>The minimum major equipment requirements are the following:</p> <ol style="list-style-type: none"> <li>1. Hand Tools</li> <li>2. One Bagger Mixer</li> <li>3. Welding Machine</li> <li>4. Bar Cutter</li> </ol>								
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" data-bbox="360 625 1409 1327"> <thead> <tr> <th data-bbox="360 625 863 739"><b>Form of Bid Security</b></th> <th data-bbox="863 625 1409 739"><b>Amount of Bid Security (Not less than the required percentage of the ABC)</b></th> </tr> </thead> <tbody> <tr> <td data-bbox="360 739 863 852">a. Cash or cashier's/manager's check issued by a Universal or Commercial Bank.</td> <td data-bbox="863 739 1409 852" style="text-align: center;"><b>Two percent (2%)</b></td> </tr> <tr> <td data-bbox="360 852 863 1142">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 pr Commercial Bank, if issued by a foreign bank</td> <td data-bbox="863 852 1409 1142" style="text-align: center;"><b>Two percent (2%)</b></td> </tr> <tr> <td data-bbox="360 1142 863 1327">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 data-bbox="863 1142 1409 1327" style="text-align: center;"><b>Five percent (5%)</b></td> </tr> </tbody> </table>	<b>Form of Bid Security</b>	<b>Amount of Bid Security (Not less than the required percentage of the ABC)</b>	a. Cash or cashier's/manager's check issued by a Universal or Commercial Bank.	<b>Two percent (2%)</b>	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 pr Commercial Bank, if issued by a foreign bank	<b>Two percent (2%)</b>	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.	<b>Five percent (5%)</b>
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16	<p>Bidders shall enclose their original eligibility and technical documents described in ITB Clause 10, in one sealed envelope marked "ORIGINAL - TECHNICAL COMPONENT," and the original of their financial component 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 shall be similarly sealed duly marking the inner envelopes as "COPY NO. 1 - TECHNICAL COMPONENT" and "COPY NO. 1 – FINANCIAL COMPONENT" respectively. These envelopes containing the original and the copy shall then be enclosed in one single envelope.</p>								

	<p>The original 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"> <li>(a) contain the name of the contract to be bid <b>in capital letters</b>;</li> <li>(b) bear the name and address of the Bidder <b>in capital letters</b>;</li> <li>(c) be addressed to the Procuring Entity’s Bids and Awards Committee BAC, as indicated in paragraph 11 of the IB.</li> <li>(d) bear the specific identification of this bidding process indicated in the ITB Clause 1 and paragraph 1 &amp; 2 of the IB; and</li> <li>(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.</li> </ul> <p><i>An illustration for marking and sealing of Technical and Financial Envelopes can be found in ANNEX C.</i></p>
19.2	<p>No partial bid is allowed. The project has Seven (7) lots in total and each lot shall not be divided into sub-lots for the purpose of bidding, evaluation, and contract award.</p>
20	<p>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 <b>ITB</b> Clauses 5, 10, and 11</p> <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"> <li>1. Environmental Compliance Certificate</li> <li>2. Certificate that the project site is not within a geohazard zone</li> <li>3. Fire Safety Certificate</li> <li>4. Builder Permit, etc.</li> </ol>
21	<p>Additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity, such as construction schedule and S-curve, manpower schedule, construction methods, equipment utilization schedule, construction safety and health program approved by the DOLE, and other acceptable tools of project scheduling.</p>

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

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

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

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

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



## 1. **Scope of Contract**

This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. All the provisions of RA No. 9184 and its 2016 revised IRR, including the Generic Procurement Manual, and associated issuances, constitute the primary source for the terms and conditions of the Contract, and thus, applicable in contract implementation. Herein clauses shall serve as the secondary source for the terms and conditions of the Contract.

This is without prejudice to Sections 74.1 and 74.2 of the 2016 revised IRR of RA No. 9184 allowing the GPPB to amend the IRR, which shall be applied to all procurement activities, the advertisement, posting, or invitation of which were issued after the effectivity of the said amendment.

## 2. **Sectional Completion of Works**

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

## 3. **Possession of Site**

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.

#### **16. Insurance**

- 16.1. 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) coverage.
- 16.2. 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.
- 16.3. 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.

The above insurance policies shall be obtained from any reputable insurance company approved by the Procuring Entity’s Representative.

- 16.4. 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.

16.5. 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.

16.6. 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

## *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	The Contractor shall submit the Program of Work to the Procuring Entity's Representative within <i>[insert number]</i> days of delivery of the Notice of Award.
11.2	The amount to be withheld for late submission of an updated Program of Work is <i>[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	The date by which operating and maintenance manuals are required is <i>[date]</i> .  The date by which "as built" drawings are required is <i>[date]</i> .

15.2	The amount to be withheld for failing to produce “as built” drawings and/or operating and maintenance manuals by the date required is <i>[amount in local currency]</i> .
16.1	<p>All Department of Education implemented infrastructure projects are required to be covered by <b>Contractor's All Risk Insurance (CARI)</b> as specified in OUA MEMO 00-0121-081 Memorandum found in <b>ANNEX C</b>.</p> <p>Contractor's All Risk Insurance (CARI) are among the documents required prior to awarding of contract.</p>



## *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, Bill of Quantities & Detailed Estimates for each lot upon purchasing the corresponding bid documents.

**BLANK PROGRAM OF WORKS  
BILL OF QUANTITIES  
&  
DETAILED ESTIMATES**

**SO-OK ELEMENTARY SCHOOL  
AYUNGON, NEGROS ORIENTAL**

# CONTRACTOR'S LOGO/ HEADER

## PROGRAM OF WORKS BILL OF QUANTITIES

REPAIR 2021 - R VII - Negros Oriental - 001

<b>School:</b> SO-OK ELEMENTARY SCHOOL	<b>Date:</b> March 10, 2021
<b>School ID:</b> 120053	<b>Budget Allocation:</b> PHP 3,721,317.42
<b>Region:</b> REGION VII - CENTRAL VISAYAS	<b>Engineering and Administrative Overhead:</b>
<b>Division:</b> NEGROS ORIENTAL	<b>Approved Budget for Contract:</b> PHP 3,721,317.42
<b>Project Title:</b>  PROPOSED REPAIR AND REHABILITATION OF SCHOOL BUILDINGS - 8 CLASSROOMS	<b>Completion Period:</b> 120 calendar days
	<b>Minimum Required Manpower:</b> General Foreman      Welder      Carpenter      Plumber Helper                      Mason      Painter      Electrician
<b>Location:</b>  AYUNGON, NEGROS ORIENTAL	<b>Minimum Required Equipment:</b>
	Hand Tools                      Welding Machine One-Bagger Mixer              Bar Cutter

ITEM NO.	Item Description	% of Total	Unit	Quantity	Total Cost	Remarks
	<b>I. DIRECT COST</b>					<i>with hauling cost</i>
	<b>GENERAL REQUIREMENTS</b>		lot	1.00		

<b>BUILDING 1 : ONE UNIT - ONE CLASSROOM FVR 2000 SCHOOL BUILDING 7M x 8M (BUILDING 3) - 1 CL</b>
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2.000	Concreting Works		lot	1.00		
5.000	Masonry Works		lot	1.00		
6.000	Doors & Windows		lot	1.00		
7.000	Steel works		lot	1.00		
8.000	Roofing Works		lot	1.00		
9.000	Carpentry Works		lot	1.00		
10.000	Electrical Works		lot	1.00		
11.000	Plumbing Works		lot	1.00		
13.000	Painting Works		lot	1.00		
14.000	Tile Works		lot	1.00		

<b>BUILDING 2 : ONE UNIT - ONE CLASSROOM FVR 2000 SCHOOL BUILDING 7M x 8M (BUILDING 4) - 1 CL</b>
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2.000	Concreting Works		lot	1.00		
5.000	Masonry Works		lot	1.00		
6.000	Doors & Windows		lot	1.00		
7.000	Steel works		lot	1.00		
8.000	Roofing Works		lot	1.00		
9.000	Carpentry Works		lot	1.00		
10.000	Electrical Works		lot	1.00		
11.000	Plumbing Works		lot	1.00		

13.000	Painting Works		lot	1.00	
14.000	Tile Works		lot	1.00	
<b>BUILDING 3 : ONE UNIT - ONE CLASSROOM FVR 2000 SCHOOL BUILDING 7M x 8M (BUILDING 5) - 1 CL</b>					
2.000	Concreting Works		lot	1.00	
5.000	Masonry Works		lot	1.00	
6.000	Doors & Windows		lot	1.00	
7.000	Steel works		lot	1.00	
8.000	Roofing Works		lot	1.00	
9.000	Carpentry Works		lot	1.00	
10.000	Electrical Works		lot	1.00	
11.000	Plumbing Works		lot	1.00	
13.000	Painting Works		lot	1.00	
14.000	Tile Works		lot	1.00	
<b>BUILDING 4 : ONE UNIT - ONE OFFICE BUILDING 7M x 8M (BUILDING 7) - 1 CL</b>					
2.000	Concreting Works		lot	1.00	
5.000	Masonry Works		lot	1.00	
6.000	Doors & Windows		lot	1.00	
8.000	Roofing Works		lot	1.00	
9.000	Carpentry Works		lot	1.00	
10.000	Electrical Works		lot	1.00	
11.000	Plumbing Works		lot	1.00	
13.000	Painting Works		lot	1.00	
14.000	Tile Works		lot	1.00	
<b>BUILDING 5: ONE UNIT - TWO CLASSROOM DEMOUNTABLE SCHOOL BUILDING 7M X 8M (BUILDING 8) - 2 CL</b>					
2.000	Concreting Works		lot	1.00	
3.000	Rebar Works		lot	1.00	
5.000	Masonry Works		lot	1.00	
6.000	Doors & Windows		lot	1.00	
7.000	Steel Works		lot	1.00	
8.000	Roofing Works		lot	1.00	
9.000	Carpentry Works		lot	1.00	
10.000	Electrical Works		lot	1.00	
11.000	Plumbing Works		lot	1.00	
13.000	Painting Works		lot	1.00	
14.000	Tile Works		lot	1.00	
<b>BUILDING 6 : ONE UNIT - TWO CLASSROOM DEPED STANDARD SCHOOL BUILDING 7M x 9M (BUILDING 11) - 2 CL</b>					
5.000	Masonry Works		lot	1.00	
6.000	Doors & Windows		lot	1.00	
8.000	Roofing Works		lot	1.00	
9.000	Carpentry Works		lot	1.00	
10.000	Electrical Works		lot	1.00	
11.000	Plumbing Works		lot	1.00	
13.000	Painting Works		lot	1.00	
14.000	Tile Works		lot	1.00	
	<b>Sub-Total</b>				

	<b>II. INDIRECT COST 22% of (I - Gen. Req'ts.)</b>					
	Overhead Expenses (8%)					
	Contingencies (3%)					
	Miscellaneous (1%)					
	Contractor's Profit (10%)					
	<b>Sub-Total</b>					
	<b>III. TAX 5% of (I+II)</b>					
	<b>Sub-Total</b>					
	<b>IV. TOTAL CONSTRUCTION COST (I + II + III)</b>	#DIV/0!			0.00	

Prepared by:

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Contractor's Representative

# CONTRACTOR'S LOGO/ HEADER

## PROGRAM OF WORKS DETAILED COST ESTIMATE

PROJECT : PROPOSED REPAIR AND REHABILITATION OF SCHOOL BUILDINGS - 8 CLASSROOMS  
 SCHOOL : SO-OK ELEMENTARY SCHOOL  
 LOCATION : AYUNGON, NEGROS ORIENTAL  
 OWNER : DEPARTMENT OF EDUCATION

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
A	<b>GENERAL REQUIREMENTS</b>							
	Mobilization/Temporary Structures, Utilities and Services/Demobilization	lot	1.00					
	Safety and Health	lot	1.00					
	Project Billboard	lot	1.00					
	Fire Safety Inspection Certificate (FSIC)	lot	1.00					
	Hauling cost	lot	1.00					
	<b>Sub-total</b>							
<b>BUILDING 1 : ONE UNIT - ONE CLASSROOM FVR 2000 SCHOOL BUILDING 7M x 8M (BUILDING 3) - 1 CL</b>								
<b>2.0000</b>	<b>Concreting Works</b>							
	<i>Reflooring / overlaying 3" thk of classrooms and corridor with rebars @0.6 center to center - make sure to chip the existing floor including provision of proper CR step</i>							
	<i>Slab on Grade</i>	cu.m	6.00					
2.0200	Portland Cement	bag	54.00					
2.0300	Crushed Gravel 3/4"	cu.m	6.00					
2.0500	Washed Sand	cu.m	3.00					
3.0500	Deformed Round Bars, Grade 40 (10mm RSB)	kg	91.00					
3.1200	G.I. Tie Wire	kg	3.00					
	<i>Ramp on Fill (with Ramp Railing)</i>	cu.m	0.54					
2.0200	Portland Cement	bag	5.00					
2.0400	Crushed Gravel 1"	cu.m	0.75					
2.0500	Washed Sand	cu.m	0.50					
5.0400	10mm x 6m RSB	kg	23.28					
3.1200	G.I. Tie Wire	kg	1.00					
7.2610	G.I. Pipe 1-½"Ø Sch. 40	pc	6.00					
7.3600	Welding Rod	kg	3.00					
	<b>Sub-total</b>							
<b>5.0000</b>	<b>Masonry Works</b>							

	<i>Provision of continuation of cr wall ang closing of two bays of window located at Comfort room and for 4 bays window converted to 2 bays window to give space for additional 1 door</i>							
	<i>Masonry Wall</i>	sq.m	10.68					
5.0300	CHB 4" thk	pc	134.00					
2.0200	Portland Cement	bag	4.00					
2.0300	Washed Sand	cu.m	1.00					
3.0500	10mm x 6m RSB	kg	15.00					
3.1200	G.I. Tie Wire	kg	1.00					
	Punching hole (0.6m x 0.6m)	sq.m	0.36					
	<i>Plastering including unplastered wall at CR and repair of all cracks and sink</i>							
	<i>Plastering</i>	sq.m	23.36					
2.0200	Portland Cement	bag	8.00					
2.0300	Washed Sand	cu.m	1.00					
	<b>Sub-total</b>							
<b>6.0000</b>	<b>Doors &amp; Windows</b>							
	<i>Replacement of all doors and windows including toilet doors and jambs with additional 1 main door and provision of security grilles</i>							
	Removal of all existing windows and doors	sq.m	16.45					
6.0330	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	2.00					
6.0430	D-3 Flush Door 0.60m x 2.10m on 150mm Wooden Jamb complete with Accessories	sets	1.00					
	W - 1, ( 2.6 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	1.00					
	W - 4, ( 0.6 x 0.6 m) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	1.00					
	W - 2, ( 1.3 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	3.00					
6.1500	Security Grilles (WG-4)	sq.ft	6.89					
6.1510	Window Grille (WG - 1)	set	1.00					
6.1520	Window Grille (WG - 2)	set	3.00					
	<b>Sub-total</b>							



<b>7.0000</b>	<b>Steel works</b>						
	<i>Replacement of all wooden Trusses and Members into steel Trusses and Members</i>						
	<i>Trusses and Members</i>						
9.0070	Removal of Wooden Truss/ Beams	bd.ft	560.00				
9.0080	Removal of Purlins	bd.ft	331.00				
7.0900	L 50 x 50 x 6mm	kg	1,052.00				
7.0200	2" x 4" x 1.5mm C - purlins	kg	568.00				
7.1010	L 50 x 50 x 2mm	kg	11.00				
7.1810	Machine Bolts ( 10 mm dia. )	pc	130.00				
7.2200	12mmØ Sag Rods with Standard Nuts and Washers	pc	96.00				
7.1900	Plain Round Bar 16mmØ x 6m	pc	9.00				
7.2000	Turn Buckle 16 mmØ	pc	8.00				
	Anchor Bolt with Nuts and Washer, 12mmØ x 50mm x 300mm	pc	20.00				
	Anchor Bolt with Nuts and Washer, 10mmØ x 50mm x 150mm	pc	3.00				
7.1100	Steel Plate 1.20m x 2.40m x 6mm thk	pc	2.00				
7.1200	Steel Plate 1.20m x 2.40m x 10mm thk	pc	1.00				
7.3600	Welding Rod	kg	36.00				
13.1100	Primer, Zinc Chromate	gal	3.00				
	<b>Sub-total</b>						
<b>8.0000</b>	<b>Roofing Works</b>						
	<i>Total replacement of roofing sheets and accessories</i>						
8.0100	Removal of Roofing Sheets	sq m	84.00				
8.0200	Removal of Ridge Roll	pc	4.00				
8.0300	Removal of Flashing	pc	9.00				
8.0500	Removal of Fascia Board	pc	16.00				
	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	lm	95.00				
	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	9.00				
	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	4.00				
9.1430	Fascia Board, Fiber Cement 12" x 8'	pc	16.00				
7.1040	L 20 x 20 x 2mm	kg	49.00				
7.1020	L 38 x 38 x 4.5mm	kg	66.00				
	3" Flat head Countersunk screw	pc	186.00				
8.0900	J-Bolt (6mm dia.)	pc	530.00				
	Teckscrew 2-¾"	pc	1,034.00				
8.1300	Roof Sealant	L	2.00				
	<b>Sub-total</b>						
<b>9.0000</b>	<b>Carpentry Works</b>						
	<i>Total replacement of all exterior and interior Ceiling including ceiling joist and others</i>						
	Repair / replacement of end wall louver window or air vent	pc	2.00				

	<i>Interior Ceiling</i>	sq.m	56.00				
9.0100	Removal of Ceiling	sq.m	56.00				
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	20.00				
	50 mm x 50 mm Ceiling Joist	bd.ft	114.00				
	50 mm x 75 mm Ceiling Joist	bd.ft	173.00				
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	286.00				
9.2100	Finishing Nails	kg	2.00				
4.0400	CWN, Assorted	kg	6.00				
9.2200	Concrete Nails	kg	2.00				
9.1900	Wood Preservative, Brown	L	2.00				
	<i>Exterior Ceiling</i>	sq m	24.00				
9.0100	Removal of Ceiling	sq.m	24.00				
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	8.00				
	50 mm x 50 mm Ceiling Joist	bd.ft	75.00				
	50 mm x 75 mm Ceiling Joist	bd.ft	68.00				
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	143.00				
9.2100	Finishing Nails	kg	1.00				
4.0400	CWN, Assorted	kg	3.00				
9.2200	Concrete Nails	kg	1.00				
9.1900	Wood Preservative, Brown	L	1.00				
9.1400	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	2.00				
	<i>Blackboards</i>						
9.1800	S4S Lumber, Kiln Dried, Tanguile	bd.ft	37.00				
9.2000	Lawanit, 1/4" thk	pc	2.00				
9.2100	Finishing Nails	kg	1.00				
4.0400	CWN, Assorted	kg	1.00				
9.2200	Concrete Nails	kg	1.00				
	<b>Sub-total</b>						
<b>10.0000</b>	<b>Electrical Works</b>						
	<i>Total replacement of existing electrical wirings and fixtures.</i>						
	<i>Roughing-ins</i>						
10.0100	Electrical Conduit uPVC, 15mmØ	pc	12.00				
10.0490	RSC 20mmØ	pc	1.00				
10.0800	Entrance Cap 20mm dia.	pc	1.00				
10.1200	Junction Box, 4" x 4" G.I.	pc	4.00				
10.1300	Utility Box, 2" x 4" G.I.	pc	2.00				
10.1400	Grounding Rod, 2.4m x 16mm dia.	pc	1.00				
	<i>Wires &amp; Fixtures</i>						
10.1600	3.5 mm <sup>2</sup> THHN Wire, Stranded	m	115.00				
10.1700	5.5 mm <sup>2</sup> THHN Wire, Stranded	m	10.00				
10.2700	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	2.00				
10.3200	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	1.00				
10.2900	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	set	1.00				

10.3610	FL 1 x 40W Industrial Type - LED	set	6.00				
	LED Bulb 9W with Medium Base Keyless Type Porcelain Receptacle	pc	1.00				
10.3700	Panel Box, Flush Type, 4 Branches	set	1.00				
10.4410	Circuit Breaker, 60A 2P	set	1.00				
10.4100	Circuit Breaker, 20A 2P	set	3.00				
10.4900	Vibrating Bell 8"	set	1.00				
10.5000	Push Button, 10A, 230V	set	1.00				
10.5400	Wall Fan, 60W, 230V, 60Hz with outlet and accessories	set	2.00				
10.5500	Electrical Tape (Big)	pc	1.00				
	<b>Sub-Total</b>						
<b>11.0000</b>	<b>Plumbing Works</b>						
	Repair of plumbing / pipings including replacement of damaged accessories	l.m	10.00				
	<b>Sub-Total</b>						
<b>13.0000</b>	<b>Painting Works</b>						
	<i>Follow Standard DEPED Color Scheme and use certified lead-safe paints/ coatings</i>						
	<i>Interior and exterior Ceiling</i>	sq.m	80.00				
13.0600	Enamel, Flatwall	gal	4.00				
13.0800	Enamel, Semi Gloss	gal	4.00				
13.0700	Glazing Putty	gal	4.00				
13.0900	Paint Thinner	gal	2.00				
	<i>Doors and others</i>	sq.m	17.10				
13.0600	Enamel, Flatwall	gal	1.00				
13.0800	Enamel, Semi Gloss	gal	1.00				
13.0700	Glazing Putty	gal	1.00				
13.0900	Paint Thinner	gal	1.00				
	<i>Concrete surfaces</i>	sq m	138.36				
13.0100	Neutralizer	gal	7.00				
13.0200	Latex, Flat	gal	14.00				
13.0300	Masonry Putty	gal	6.00				
13.0400	Latex, Semi Gloss	gal	5.00				
13.0500	Acri Color	qrt	4.00				
	<i>Steel Surfaces</i>						
13.1210	Primer, Red Oxide	gal	1.00				
	Enamel, Quick Dry	gal	1.00				
13.0900	Paint Thinner	gal	1.00				
	<b>Sub-Total</b>						
<b>14.0000</b>	<b>Tile Works</b>						
	<i>Wall - color for approval</i>	sq.m	5.04				
14.0710	Glazed Wall Tiles 20cm x 20cm	pc	130.00				
14.1600	Tile Adhesive 25 kg/bag	bag	1.00				
14.1300	Tile Trim 6mm	pc	3.00				
14.1500	Tile Grout 5 kg/bag	bag	1.00				
	<i>Flooring - color for approval</i>	sq.m	1.56				
14.0210	Unglazed Floor Tiles 20cm x 20cm	pc	41.00				

14.1600	Tile Adhesive 25 kg/bag	bag	1.00					
14.1500	Tile Grout 5 kg/bag	bag	1.00					
	<b>Sub-Total</b>							
<b>BUILDING 2 : ONE UNIT - ONE CLASSROOM FVR 2000 SCHOOL BUILDING 7M x 8M (BUILDING 4) - 1 CL</b>								
<b>2.0000</b>	<b>Concreting Works</b>							
	<i>Reflooring / overlaying 3" thk of classrooms and corridor with rebars @0.6 center to center - make sure to chip the existing floor including provision of proper CR step</i>							
	<i>Slab on Grade</i>	cu.m	6.00					
2.0200	Portland Cement	bag	54.00					
2.0300	Crushed Gravel 3/4"	cu.m	6.00					
2.0500	Washed Sand	cu.m	3.00					
3.0500	Deformed Round Bars, Grade 40 (10mm RSB)	kg	91.00					
3.1200	G.I. Tie Wire	kg	3.00					
	<i>Ramp on Fill (with Ramp Railing)</i>							
		cu.m	0.54					
2.0200	Portland Cement	bag	5.00					
2.0400	Crushed Gravel 1"	cu.m	0.75					
2.0500	Washed Sand	cu.m	0.50					
5.0400	10mm x 6m RSB	kg	23.28					
3.1200	G.I. Tie Wire	kg	1.00					
7.2610	G.I. Pipe 1-1/2"Ø Sch. 40	pc	6.00					
7.3600	Welding Rod	kg	3.00					
	<b>Sub-total</b>							
<b>5.0000</b>	<b>Masonry Works</b>							
	<i>Provision of continuation of cr wall and closing of two bays of window located at Comfort room and for 4 bays window converted to 2 bays window to give space for additional 1 door</i>							
	<i>Masonry Wall</i>	sq.m	11.40					
5.0300	CHB 4" thk	pc	143.00					
2.0200	Portland Cement	bag	4.00					
2.0300	Washed Sand	cu.m	1.00					
3.0500	10mm x 6m RSB	kg	16.00					
3.1200	G.I. Tie Wire	kg	1.00					
	<i>Punching hole (0.6m x 0.6m)</i>							
		sq.m	0.36					
	<i>Plastering including unplastered wall at CR and repair of all cracks and sink</i>							
	<i>Plastering</i>	sq.m	34.80					
2.0200	Portland Cement	bag	12.00					
2.0300	Washed Sand	cu.m	2.00					
	<b>Sub-total</b>							
<b>6.0000</b>	<b>Doors &amp; Windows</b>							
	<i>Replacement of all doors and windows including toilet doors and jambs with additional 1 main door and provision of security grilles</i>							
	<i>Removal of all existing windows and doors</i>	sq.m	16.45					

6.0330	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	2.00					
6.0430	D-3 Flush Door 0.60m x 2.10m on 150mm Wooden Jamb complete with Accessories	sets	1.00					
	W - 1, ( 2.6 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	1.00					
	W - 4, ( 0.6 x 0.6 m) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	1.00					
	W - 2, ( 1.3 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	3.00					
6.1500	Security Grilles (WG-4)	sq.ft	6.89					
6.1510	Window Grille (WG - 1)	set	1.00					
6.1520	Window Grille (WG - 2)	set	3.00					
	<b>Sub-total</b>							
<b>7.0000</b>	<b>Steel works</b>							
	<i>Replacement of all wooden Trusses and Members into steel Trusses and Members</i>							
	<i>Trusses and Members</i>							
9.0070	Removal of Wooden Truss/ Beams	bd.ft	560.00					
9.0080	Removal of Purlins	bd.ft	331.00					
7.0900	L 50 x 50 x 6mm	kg	1,052.00					
7.0200	2" x 4" x 1.5mm C - purlins	kg	568.00					
7.1010	L 50 x 50 x 2mm	kg	11.00					
7.1810	Machine Bolts ( 10 mm dia. )	pc	130.00					
7.2200	12mmØ Sag Rods with Standard Nuts and Washers	pc	96.00					
7.1900	Plain Round Bar 16mmØ x 6m	pc	9.00					
7.2000	Turn Buckle 16 mmØ	pc	8.00					
	Anchor Bolt with Nuts and Washer, 12mmØ x 50mm x 300mm	pc	20.00					
	Anchor Bolt with Nuts and Washer, 10mmØ x 50mm x 150mm	pc	3.00					
7.1100	Steel Plate 1.20m x 2.40m x 6mm thk	pc	2.00					
7.1200	Steel Plate 1.20m x 2.40m x 10mm thk	pc	1.00					
7.3600	Welding Rod	kg	36.00					
13.1100	Primer, Zinc Chromate	gal	3.00					

	<b>Sub-total</b>						
<b>8.0000</b>	<b>Roofing Works</b>						
	<i>Total replacement of roofing sheets and accessories</i>						
8.0100	Removal of Roofing Sheets	sq m	84.00				
8.0200	Removal of Ridge Roll	pc	4.00				
8.0300	Removal of Flashing	pc	9.00				
8.0500	Removal of Fascia Board	pc	16.00				
	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	lm	95.00				
	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	9.00				
	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	4.00				
9.1430	Fascia Board, Fiber Cement 12" x 8'	pc	16.00				
7.1040	L 20 x 20 x 2mm	kg	49.00				
7.1020	L 38 x 38 x 4.5mm	kg	66.00				
	3" Flat head Countersunk screw	pc	186.00				
8.0900	J-Bolt (6mm dia.)	pc	530.00				
	Teckscrew 2-3/4"	pc	1,034.00				
8.1300	Roof Sealant	L	2.00				
	<b>Sub-total</b>						
<b>9.0000</b>	<b>Carpentry Works</b>						
	<i>Total replacement of all exterior and interior Ceiling including ceiling joist and others</i>						
	Repair / replacement of end wall louver window or air vent	pc	2.00				
	<i>Interior Ceiling</i>	sq.m	56.00				
9.0100	Removal of Ceiling	sq.m	56.00				
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	20.00				
	50 mm x 50 mm Ceiling Joist	bd.ft	114.00				
	50 mm x 75 mm Ceiling Joist	bd.ft	173.00				
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	286.00				
9.2100	Finishing Nails	kg	2.00				
4.0400	CWN, Assorted	kg	6.00				
9.2200	Concrete Nails	kg	2.00				
9.1900	Wood Preservative, Brown	L	2.00				
	<i>Exterior Ceiling</i>	sq m	24.00				
9.0100	Removal of Ceiling	sq.m	24.00				
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	8.00				
	50 mm x 50 mm Ceiling Joist	bd.ft	75.00				
	50 mm x 75 mm Ceiling Joist	bd.ft	68.00				
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	143.00				
9.2100	Finishing Nails	kg	1.00				
4.0400	CWN, Assorted	kg	3.00				
9.2200	Concrete Nails	kg	1.00				
9.1900	Wood Preservative, Brown	L	1.00				

9.1400	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	2.00					
	<i>Blackboards</i>							
9.1800	S4S Lumber, Kiln Dried, Tanguile	bd.ft	37.00					
9.2000	Lawanit, 1/4" thk	pc	2.00					
9.2100	Finishing Nails	kg	1.00					
4.0400	CWN, Assorted	kg	1.00					
9.2200	Concrete Nails	kg	1.00					
	<b>Sub-total</b>							
<b>10.0000</b>	<b>Electrical Works</b>							
	<i>Total replacement of existing electrical wirings and fixtures.</i>							
	<i>Roughing-ins</i>							
10.0100	Electrical Conduit uPVC, 15mmØ	pc	12.00					
10.0490	RSC 20mmØ	pc	1.00					
10.0800	Entrance Cap 20mm dia.	pc	1.00					
10.1200	Junction Box, 4" x 4" G.I.	pc	4.00					
10.1300	Utility Box, 2" x 4" G.I.	pc	2.00					
10.1400	Grounding Rod, 2.4m x 16mm dia.	pc	1.00					
	<i>Wires &amp; Fixtures</i>							
10.1600	3.5 mm <sup>2</sup> THHN Wire, Stranded	m	115.00					
10.1700	5.5 mm <sup>2</sup> THHN Wire, Stranded	m	10.00					
10.2700	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	2.00					
10.3200	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	1.00					
10.2900	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	set	1.00					
10.3610	FL 1 x 40W Industrial Type - LED	set	6.00					
	LED Bulb 9W with Medium Base Keyless Type Porcelain Receptacle	pc	1.00					
10.3700	Panel Box, Flush Type, 4 Branches	set	1.00					
10.4410	Circuit Breaker, 60A 2P	set	1.00					
10.4100	Circuit Breaker, 20A 2P	set	3.00					
10.4900	Vibrating Bell 8"	set	1.00					
10.5000	Push Button, 10A, 230V	set	1.00					
10.5400	Wall Fan, 60W, 230V, 60Hz with outlet and accessories	set	2.00					
10.5500	Electrical Tape (Big)	pc	1.00					
	<b>Sub-Total</b>							
<b>11.0000</b>	<b>Plumbing Works</b>							
	Repair of plumbing / pipings including replacement of damaged accessories	l.m	10.00					
	<b>Sub-Total</b>							
<b>13.0000</b>	<b>Painting Works</b>							
	<i>Follow Standard DEPED Color Scheme and use certified lead-safe paints/ coatings</i>							
	<i>Interior and exterior Ceiling</i>	sq.m	80.00					
13.0600	Enamel, Flatwall	gal	4.00					

13.0800	Enamel, Semi Gloss	gal	4.00					
13.0700	Glazing Putty	gal	4.00					
13.0900	Paint Thinner	gal	2.00					
	<i>Doors and others</i>	sq.m	17.10					
13.0600	Enamel, Flatwall	gal	1.00					
13.0800	Enamel, Semi Gloss	gal	1.00					
13.0700	Glazing Putty	gal	1.00					
13.0900	Paint Thinner	gal	1.00					
	<i>Concrete surfaces</i>	sq m	149.80					
13.0100	Neutralizer	gal	8.00					
13.0200	Latex, Flat	gal	15.00					
13.0300	Masonry Putty	gal	6.00					
13.0400	Latex, Semi Gloss	gal	5.00					
13.0500	Acri Color	qrt	4.00					
	<i>Steel Surfaces</i>							
13.1210	Primer, Red Oxide	gal	1.00					
	Enamel, Quick Dry	gal	1.00					
13.0900	Paint Thinner	gal	1.00					
	<b>Sub-Total</b>							
<b>14.0000</b>	<b>Tile Works</b>							
	<i>Wall - color for approval</i>	sq.m	5.40					
14.0710	Glazed Wall Tiles 20cm x 20cm	pc	140.00					
14.1600	Tile Adhesive 25 kg/bag	bag	1.00					
14.1300	Tile Trim 6mm	pc	3.00					
14.1500	Tile Grout 5 kg/bag	bag	1.00					
	<i>Flooring - color for approval</i>	sq.m	1.44					
14.0210	Unglazed Floor Tiles 20cm x 20cm	pc	38.00					
14.1600	Tile Adhesive 25 kg/bag	bag	1.00					
14.1500	Tile Grout 5 kg/bag	bag	1.00					
	<b>Sub-Total</b>							
<b>BUILDING 3 : ONE UNIT - ONE CLASSROOM FVR 2000 SCHOOL BUILDING 7M x 8M (BUILDING 5) - 1 CL</b>								
<b>2.0000</b>	<b>Concreting Works</b>							
	<i>Reflooring / overlaying 3" thk of classrooms and corridor with rebars @0.6 center to center - make sure to chip the existing floor including provision of proper CR step</i>							
	<i>Slab on Grade</i>	cu.m	6.00					
2.0200	Portland Cement	bag	54.00					
2.0300	Crushed Gravel 3/4"	cu.m	6.00					
2.0500	Washed Sand	cu.m	3.00					
3.0500	Deformed Round Bars, Grade 40 (10mm RSB)	kg	91.00					
3.1200	G.I. Tie Wire	kg	3.00					
	<i>Ramp on Fill (with Ramp Railing)</i>	cu.m	0.54					
2.0200	Portland Cement	bag	5.00					
2.0400	Crushed Gravel 1"	cu.m	0.75					
2.0500	Washed Sand	cu.m	0.50					



5.0400	10mm x 6m RSB	kg	23.28					
3.1200	G.I. Tie Wire	kg	1.00					
7.2610	G.I. Pipe 1-½"Ø Sch. 40	pc	6.00					
7.3600	Welding Rod	kg	3.00					
	<b>Sub-total</b>							
<b>5.0000</b>	<b>Masonry Works</b>							
	<i>Provision of continuation of cr wall ang closing of two bays of window located at Comfort room and for 4 bays window converted to 2 bays window to give space for additional 1 door</i>							
	<i>Masonry Wall</i>	sq.m	12.12					
5.0300	CHB 4" thk	pc	152.00					
2.0200	Portland Cement	bag	4.00					
2.0300	Washed Sand	cu.m	1.00					
3.0500	10mm x 6m RSB	kg	17.00					
3.1200	G.I. Tie Wire	kg	1.00					
	Punching hole (0.6m x 0.6m)	sq.m	0.36					
	<i>Plastering and repair of all cracks</i>							
	<i>Plastering</i>	sq.m	28.24					
2.0200	Portland Cement	bag	10.00					
2.0300	Washed Sand	cu.m	1.00					
	<b>Sub-total</b>							
<b>6.0000</b>	<b>Doors &amp; Windows</b>							
	<i>Replacement of all doors and windows including toilet doors and jambs and provision/ rehabilitation of security grilles</i>							
6.0100	Removal of Door with Jamb	set	2.00					
6.0330	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	2.00					
6.0430	D-3 Flush Door 0.60m x 2.10m on 150mm Wooden Jamb complete with Accessories	sets	1.00					
	W - 1, ( 2.6 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	1.00					
	W - 4, ( 0.6 x 0.6 m) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	1.00					

	W - 2, ( 1.3 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	3.00				
6.1500	Security Grilles (WG-4)	sq.ft	6.89				
6.1510	Repair/ Rehabilitation of Security grilles (fit to W-1 & W-2)	sq.ft	160.81				
	<b>Sub-total</b>						
<b>7.0000</b>	<b>Steel works</b>						
	<i>Replacement of all wooden Trusses and Members into steel Trusses and Members</i>						
	<i>Trusses and Members</i>						
9.0070	Removal of Wooden Truss/ Beams	bd.ft	560.00				
9.0080	Removal of Purlins	bd.ft	331.00				
7.0900	L 50 x 50 x 6mm	kg	1,052.00				
7.0200	2" x 4" x 1.5mm C - purlins	kg	568.00				
7.1010	L 50 x 50 x 2mm	kg	11.00				
7.1810	Machine Bolts ( 10 mm dia. )	pc	130.00				
7.2200	12mmØ Sag Rods with Standard Nuts and Washers	pc	96.00				
7.1900	Plain Round Bar 16mmØ x 6m	pc	9.00				
7.2000	Turn Buckle 16 mmØ	pc	8.00				
	Anchor Bolt with Nuts and Washer, 12mmØ x 50mm x 300mm	pc	20.00				
	Anchor Bolt with Nuts and Washer, 10mmØ x 50mm x 150mm	pc	3.00				
7.1100	Steel Plate 1.20m x 2.40m x 6mm thk	pc	2.00				
7.1200	Steel Plate 1.20m x 2.40m x 10mm thk	pc	1.00				
7.3600	Welding Rod	kg	36.00				
13.1100	Primer, Zinc Chromate	gal	3.00				
	<b>Sub-total</b>						
<b>8.0000</b>	<b>Roofing Works</b>						
	<i>Total replacement of roofing sheets and accessories</i>						
8.0100	Removal of Roofing Sheets	sq m	84.00				
8.0200	Removal of Ridge Roll	pc	4.00				
8.0300	Removal of Flashing	pc	9.00				
8.0500	Removal of Fascia Board	pc	16.00				
	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	lm	95.00				
	G.I. Flashing, Preformed, Pre- Painted, 0.610m x 2.440m x 0.5mm BMT	pc	9.00				
	G.I. Ridge Roll, Preformed, Pre- Painted, 0.610m x 2.440m x 0.5mm BMT	pc	4.00				
9.1430	Fascia Board, Fiber Cement 12" x 8'	pc	16.00				
7.1040	L 20 x 20 x 2mm	kg	49.00				
7.1020	L 38 x 38 x 4.5mm	kg	66.00				
	3" Flat head Countersunk screw	pc	186.00				

8.0900	J-Bolt (6mm dia.)	pc	530.00					
	Teckscrew 2-3/4"	pc	1,034.00					
8.1300	Roof Sealant	L	2.00					
	<b>Sub-total</b>							
<b>9.0000</b>	<b>Carpentry Works</b>							
	<i>Total replacement of all exterior and interior Ceiling including ceiling joist and others</i>							
	Replacement of end wall louver window or air vent	pc	2.00					
	<i>Interior Ceiling</i>	sq.m	56.00					
9.0100	Removal of Ceiling	sq.m	56.00					
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	20.00					
	50 mm x 50 mm Ceiling Joist	bd.ft	114.00					
	50 mm x 75 mm Ceiling Joist	bd.ft	173.00					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	286.00					
9.2100	Finishing Nails	kg	2.00					
4.0400	CWN, Assorted	kg	6.00					
9.2200	Concrete Nails	kg	2.00					
9.1900	Wood Preservative, Brown	L	2.00					
	<i>Exterior Ceiling</i>	sq m	24.00					
9.0100	Removal of Ceiling	sq.m	24.00					
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	8.00					
	50 mm x 50 mm Ceiling Joist	bd.ft	75.00					
	50 mm x 75 mm Ceiling Joist	bd.ft	68.00					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	143.00					
9.2100	Finishing Nails	kg	1.00					
4.0400	CWN, Assorted	kg	3.00					
9.2200	Concrete Nails	kg	1.00					
9.1900	Wood Preservative, Brown	L	1.00					
9.1400	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	2.00					
	<i>Blackboards</i>							
9.1800	S4S Lumber, Kiln Dried, Tanguile	bd.ft	37.00					
9.2000	Lawanit, 1/4" thk	pc	2.00					
9.2100	Finishing Nails	kg	1.00					
4.0400	CWN, Assorted	kg	1.00					
9.2200	Concrete Nails	kg	1.00					
	<b>Sub-total</b>							
<b>10.0000</b>	<b>Electrical Works</b>							
	<i>Total replacement of existing electrical wirings and fixtures.</i>							
	<i>Roughing-ins</i>							
10.0100	Electrical Conduit uPVC, 15mmØ	pc	12.00					
10.0490	RSC 20mmØ	pc	1.00					
10.0800	Entrance Cap 20mm dia.	pc	1.00					
10.1200	Junction Box, 4" x 4" G.I.	pc	4.00					
10.1300	Utility Box, 2" x 4" G.I.	pc	2.00					

10.1400	Grounding Rod, 2.4m x 16mm dia.	pc	1.00				
	<i>Wires &amp; Fixtures</i>						
10.1600	3.5 mm <sup>2</sup> THHN Wire, Stranded	m	115.00				
10.1700	5.5 mm <sup>2</sup> THHN Wire, Stranded	m	10.00				
10.2700	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	2.00				
10.3200	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	1.00				
10.2900	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	set	1.00				
10.3610	FL 1 x 40W Industrial Type - LED	set	6.00				
	LED Bulb 9W with Medium Base Keyless Type Porcelain Receptacle	pc	1.00				
10.3700	Panel Box, Flush Type, 4 Branches	set	1.00				
10.4410	Circuit Breaker, 60A 2P	set	1.00				
10.4100	Circuit Breaker, 20A 2P	set	3.00				
10.4900	Vibrating Bell 8"	set	1.00				
10.5000	Push Button, 10A, 230V	set	1.00				
10.5400	Wall Fan, 60W, 230V, 60Hz with outlet and accessories	set	2.00				
10.5500	Electrical Tape (Big)	pc	1.00				
	<b>Sub-Total</b>						
<b>11.0000</b>	<b>Plumbing Works</b>						
	Repair of plumbing / pipings including replacement of damaged accessories	l.m	10.00				
	<b>Sub-Total</b>						
<b>13.0000</b>	<b>Painting Works</b>						
	<i>Follow Standard DEPED Color Scheme and use certified lead-safe paints/ coatings</i>						
	<i>Interior and exterior Ceiling</i>	sq.m	80.00				
13.0600	Enamel, Flatwall	gal	4.00				
13.0800	Enamel, Semi Gloss	gal	4.00				
13.0700	Glazing Putty	gal	4.00				
13.0900	Paint Thinner	gal	2.00				
	<i>Doors and others</i>	sq.m	17.10				
13.0600	Enamel, Flatwall	gal	1.00				
13.0800	Enamel, Semi Gloss	gal	1.00				
13.0700	Glazing Putty	gal	1.00				
13.0900	Paint Thinner	gal	1.00				
	<i>Concrete surfaces</i>	sq m	143.24				
13.0100	Neutralizer	gal	8.00				
13.0200	Latex, Flat	gal	15.00				
13.0300	Masonry Putty	gal	6.00				
13.0400	Latex, Semi Gloss	gal	5.00				
13.0500	Acri Color	qrt	4.00				
	<i>Steel Surfaces</i>						
13.1210	Primer, Red Oxide	gal	1.00				
	Enamel, Quick Dry	gal	1.00				
13.0900	Paint Thinner	gal	1.00				

	<b>Sub-Total</b>							
<b>14.0000</b>	<b>Tile Works</b>							
	Wall - <i>color for approval</i>	sq.m	4.92					
14.0710	Glazed Wall Tiles 20cm x 20cm	pc	127.00					
14.1600	Tile Adhesive 25 kg/bag	bag	1.00					
14.1300	Tile Trim 6mm	pc	3.00					
14.1500	Tile Grout 5 kg/bag	bag	1.00					
	Flooring - <i>color for approval</i>	sq.m	1.44					
14.0210	Unglazed Floor Tiles 20cm x 20cm	pc	38.00					
14.1600	Tile Adhesive 25 kg/bag	bag	1.00					
14.1500	Tile Grout 5 kg/bag	bag	1.00					
	<b>Sub-Total</b>							
<b>BUILDING 4 : ONE UNIT - ONE OFFICE BUILDING 7M x 8M (BUILDING 7) - 1 CL</b>								
<b>2.0000</b>	<b>Concreting Works</b>							
	<i>Repair of floor cracks</i>							
	Repair of floor and wall cracks including repair of comfort room flooring	sq.m	56.00					
	<i>Ramp on Fill (with Ramp Railing)</i>	cu.m	0.54					
2.0200	Portland Cement	bag	5.00					
2.0400	Crushed Gravel 1"	cu.m	0.75					
2.0500	Washed Sand	cu.m	0.50					
5.0400	10mm x 6m RSB	kg	23.28					
3.1200	G.I. Tie Wire	kg	1.00					
7.2610	G.I. Pipe 1-1/2"Ø Sch. 40	pc	6.00					
7.3600	Welding Rod	kg	3.00					
	<b>Sub-total</b>							
<b>5.0000</b>	<b>Masonry Works</b>							
	<i>Plastering including unplastered wall and repair of all wall cracks</i>							
	Plastering	sq.m	12.00					
2.0200	Portland Cement	bag	4.00					
2.0300	Washed Sand	cu.m	1.00					
	<b>Sub-total</b>							
<b>6.0000</b>	<b>Doors &amp; Windows</b>							
	<i>Replacement of all doors including jambs and provision of windows including toilet and additional door and provision/ rehabilitation of security grilles</i>							
6.0100	Removal of Door with Jamb	set	2.00					
6.0330	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	2.00					
6.0430	D-3 Flush Door 0.60m x 2.10m on 150mm Wooden Jamb complete with Accessories	sets	1.00					

	W - 1, ( 2.6 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	1.00				
	W - 4, ( 0.6 x 0.6 m) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	1.00				
	W - 2, ( 1.3 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	3.00				
6.1500	Security Grilles (WG-4)	sq.ft	6.89				
6.1510	Repair/ Rehabilitation of Security grilles (fit to W-1 & W-2)	sq.ft	160.81				
	<b>Sub-total</b>						
<b>8.0000</b>	<b>Roofing Works</b>						
	<i>Rehabilitation of roofing sheets and accessories including CR and provision of roof clip at left and right wing</i>						
8.1300	Roof Sealant	L	2.00				
7.1020	L 38 x 38 x 4.5mm	kg	66.00				
	Teckscrew 2-3/4"	pc	144.00				
	Rehabilitation of Fascia boards or replacement of damaged and reapplication of wood preservative	l.m	38.40				
	<b>Sub-total</b>						
<b>9.0000</b>	<b>Carpentry Works</b>						
	<i>Provision of Interior and Exterior Ceiling, louver window, and proper cover of end walls.</i>						
	Provision of end wall louver window or air vent	pc	2.00				
9.0600	Plywood, Marine 1/2" x 4' x 8'	pc	3.00				
	<i>Interior Ceiling</i>	sq.m	56.00				
9.0100	Removal of Ceiling	sq.m	56.00				
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	20.00				
	<i>50 mm x 50 mm Ceiling Joist</i>	bd.ft	114.00				
	<i>50 mm x 75 mm Ceiling Joist</i>	bd.ft	173.00				
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	286.00				
9.2100	Finishing Nails	kg	2.00				
4.0400	CWN, Assorted	kg	6.00				
9.2200	Concrete Nails	kg	2.00				
9.1900	Wood Preservative, Brown	L	2.00				
	<i>Exterior Ceiling</i>	sq m	24.00				

9.0100	Removal of Ceiling	sq.m	24.00				
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	8.00				
	50 mm x 50 mm Ceiling Joist	bd.ft	75.00				
	50 mm x 75 mm Ceiling Joist	bd.ft	68.00				
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	143.00				
9.2100	Finishing Nails	kg	1.00				
4.0400	CWN, Assorted	kg	3.00				
9.2200	Concrete Nails	kg	1.00				
9.1900	Wood Preservative, Brown	L	1.00				
9.1400	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	2.00				
	<b>Sub-total</b>						
<b>10.0000</b>	<b>Electrical Works</b>						
	<i>Total replacement of existing electrical wirings and fixtures.</i>						
	<i>Roughing-ins</i>						
10.0100	Electrical Conduit uPVC, 15mmØ	pc	12.00				
10.0490	RSC 20mmØ	pc	1.00				
10.0800	Entrance Cap 20mm dia.	pc	1.00				
10.1200	Junction Box, 4" x 4" G.I.	pc	4.00				
10.1300	Utility Box, 2" x 4" G.I.	pc	2.00				
10.1400	Grounding Rod, 2.4m x 16mm dia.	pc	1.00				
	<i>Wires &amp; Fixtures</i>						
10.1600	3.5 mm <sup>2</sup> THHN Wire, Stranded	m	115.00				
10.1700	5.5 mm <sup>2</sup> THHN Wire, Stranded	m	10.00				
10.2700	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	2.00				
10.3200	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	1.00				
10.2900	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	set	1.00				
10.3610	FL 1 x 40W Industrial Type - LED	set	6.00				
	LED Bulb 9W with Medium Base Keyless Type Porcelain Receptacle	pc	1.00				
10.3700	Panel Box, Flush Type, 4 Branches	set	1.00				
10.4410	Circuit Breaker, 60A 2P	set	1.00				
10.4100	Circuit Breaker, 20A 2P	set	3.00				
10.4900	Vibrating Bell 8"	set	1.00				
10.5000	Push Button, 10A, 230V	set	1.00				
10.5400	Wall Fan, 60W, 230V, 60Hz with outlet and accessories	set	2.00				
10.5500	Electrical Tape (Big)	pc	1.00				
	<b>Sub-Total</b>						
<b>11.0000</b>	<b>Plumbing Works</b>						
	Repair of plumbing / pipings including replacement of damaged accessories	l.m	10.00				
	Toilet Bowl including accessories or other materials	set	1.00				
	<b>Sub-Total</b>						

<b>13.0000</b>	<b>Painting Works</b>							
	<i>Follow Standard DEPED Color Scheme and use certified lead-safe paints/ coatings</i>							
	<i>Interior and exterior Ceiling</i>	sq.m	80.00					
13.0600	Enamel, Flatwall	gal	4.00					
13.0800	Enamel, Semi Gloss	gal	4.00					
13.0700	Glazing Putty	gal	4.00					
13.0900	Paint Thinner	gal	2.00					
	<i>Doors and others</i>	sq.m	17.10					
13.0600	Enamel, Flatwall	gal	1.00					
13.0800	Enamel, Semi Gloss	gal	1.00					
13.0700	Glazing Putty	gal	1.00					
13.0900	Paint Thinner	gal	1.00					
	<i>Concrete surfaces</i>	sq m	139.00					
13.0100	Neutralizer	gal	7.00					
13.0200	Latex, Flat	gal	14.00					
13.0300	Masonry Putty	gal	6.00					
13.0400	Latex, Semi Gloss	gal	5.00					
13.0500	Acri Color	qrt	4.00					
	<i>Steel Surfaces</i>							
13.1210	Primer, Red Oxide	gal	1.00					
	Enamel, Quick Dry	gal	1.00					
13.0900	Paint Thinner	gal	1.00					
	<i>Roofing and Accessories</i>	sq.m	84.00					
13.1210	Primer, Red Oxide	gal	6.00					
13.1300	Gloss Acrylic Roof Paint	gal	6.00					
13.0900	Paint Thinner	gal	3.00					
	<b>Sub-Total</b>							
<b>14.0000</b>	<b>Tile Works</b>							
	<i>Wall - color for approval</i>	sq.m	4.92					
14.0710	Glazed Wall Tiles 20cm x 20cm	pc	127.00					
14.1600	Tile Adhesive 25 kg/bag	bag	1.00					
14.1300	Tile Trim 6mm	pc	3.00					
14.1500	Tile Grout 5 kg/bag	bag	1.00					
	<i>Flooring - color for approval</i>	sq.m	1.44					
14.0210	Unglazed Floor Tiles 20cm x 20cm	pc	38.00					
14.1600	Tile Adhesive 25 kg/bag	bag	1.00					
14.1500	Tile Grout 5 kg/bag	bag	1.00					
	<b>Sub-Total</b>							
<b>BUILDING 5: ONE UNIT - TWO CLASSROOM DEMOUNTABLE SCHOOL BUILDING 7M X 8M (BUILDING 8) - 2 CL</b>								
<b>2.0000</b>	<b>Concreting Works</b>							
	<i>Provision of column footing for new CHB wall located at Partition Wall(0.80m x 0.80 x 0.25)</i>							
	<i>Column Footing</i>	cu.m	0.16					
2.0200	Portland Cement	bag	2.00					
2.0300	Crushed Gravel 1"	cu.m	0.25					



2.0500	Washed Sand	cu.m	0.25					
	<i>Provision of wall footing for new CHB wall located at Partition Wall and for CR walling(0.4m x L x 0.25m).</i>							
	<i>Wall Footing</i>	cu.m	1.00					
2.0200	Portland Cement	bag	9.00					
2.0300	Crushed Gravel 1"	cu.m	1.00					
2.0500	Washed Sand	cu.m	0.50					
	<i>Provision of column for new CHB wall and covering of all exposed steel column including retrofitting (0.3m x 0.3m).</i>							
	<i>Column</i>	cu.m	3.40					
2.0200	Portland Cement	bag	31.00					
2.0300	Crushed Gravel 3/4"	cu.m	3.50					
2.0500	Washed Sand	cu.m	1.75					
	<i>Provision of new concrete roof beams (0.25m x 0.30m concrete dimension)</i>							
	<i>Concrete Beams</i>	cu.m	3.98					
2.0200	Portland Cement	bag	36.00					
2.0300	Crushed Gravel 3/4"	cu.m	4.00					
2.0500	Washed Sand	cu.m	2.00					
	<i>Reflooring / overlaying 3" thk of classrooms and corridor with rebars @0.6 center to center</i>							
	<i>Slab on Grade including corridor</i>	cu.m	11.00					
2.0200	Portland Cement	bag	99.00					
2.0300	Crushed Gravel 3/4"	cu.m	11.00					
2.0500	Washed Sand	cu.m	5.50					
3.0500	Deformed Round Bars, Grade 40 (10mm RSB)	kg	255.00					
3.1200	G.I. Tie Wire	kg	5.00					
	<i>Ramp on Fill (with Ramp Railing)</i>							
		cu.m	0.54					
2.0200	Portland Cement	bag	5.00					
2.0400	Crushed Gravel 1"	cu.m	0.75					
2.0500	Washed Sand	cu.m	0.50					
5.0400	10mm x 6m RSB	kg	23.28					
3.1200	G.I. Tie Wire	kg	1.00					
7.2610	G.I. Pipe 1-½"Ø Sch. 40	pc	6.00					
7.3600	Welding Rod	kg	3.00					
	<b>Sub-total</b>							
<b>3.0000</b>	<b>Rebar Works</b>							
	<i>Additional rebars on pedestal column including retrofitting and provision of rebars for new column at partition wall</i>							
	Rebars(Additional/continuation of old column/pedestal and new column) using 4-16mm def bars with 10mm ties(5@50,5@100 & rest 200)	kg	364.63					
	Column footing using 16mm def bars (5 pcs bothways)	kg	12.64					

	Wall footing using 10mm def bars (2 longitudinal bars with 10 mm def bars at 0.20 o.c.)	kg	19.71				
	Beam using 4-16mm def bars with 10mm stirrups(5@50,5@100 & rest 200)	kg	580.93				
	G.I. Tie Wire	kg	39.12				
	<b>Sub-total</b>						
<b>5.0000</b>	<b>Masonry Works</b>						
	<i>Provision of CHB wall for continuation of chb wall at front, rear, sides and for new partition wall and also continuation of comfort rooms</i>						
	Removal of all metal walls and others	sq.m	110.40				
	<i>Masonry Wall</i>	sq.m	144.25				
5.0300	CHB 4" thk	pc	1,804.00				
2.0200	Portland Cement	bag	48.00				
2.0300	Washed Sand	cu.m	7.00				
3.0500	10mm x 6m RSB	kg	192.00				
3.1200	G.I. Tie Wire	kg	4.00				
	Punching hole (0.6m x 0.6m)	sq.m	0.72				
	<i>Plastering including new CHB wall and repair of all wall cracks and repair of sinks</i>						
	<i>Plastering</i>	sq.m	296.50				
2.0200	Portland Cement	bag	98.00				
2.0300	Washed Sand	cu.m	10.00				
	<b>Sub-total</b>						
<b>6.0000</b>	<b>Doors &amp; Windows</b>						
	<i>Replacement of all doors and windows including Toilet and provision of security grilles</i>						
	Removal of all existing windows and doors	sq.m	27.52				
6.0330	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	4.00				
6.0430	D-3 Flush Door 0.60m x 2.10m on 150mm Wooden Jamb complete with Accessories	sets	2.00				
	W - 1, ( 2.6 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on Jalousie Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	2.00				
	W - 2, ( 1.3 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on Jalousie Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	6.00				

	W - 4, ( 0.6 x 0.6 m) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	2.00					
6.1500	Security Grilles (WG-4)	sq.ft	6.89					
6.1510	Window Grille (WG - 1)	set	2.00					
6.1520	Window Grille (WG - 2)	set	2.00					
	<b>Sub-total</b>							
<b>7.0000</b>	<b>Steel Works</b>							
	Repair/ Rehabilitation of Trusses, Members, purlins, sag rod and other accessories/ replacement damaged or deteriorated Trusses, Members, purlins, sag rod and other accessories including reapplication of primer	l.m	60.00					
	<b>Sub-total</b>							
<b>8.0000</b>	<b>Roofing Works</b>							
	<i>Total replacement of roofing sheets and accessories</i>							
8.0100	Removal of Roofing Sheets	sq m	168.00					
8.0200	Removal of Ridge Roll	pc	7.00					
8.0300	Removal of Flashing	pc	9.00					
8.0500	Removal of Fascia Board	pc	24.00					
	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	lm	190.00					
	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	9.00					
	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	7.00					
9.1430	Fascia Board, Fiber Cement 12" x 8'	pc	24.00					
7.1040	L 20 x 20 x 2mm	kg	98.00					
7.1020	L 38 x 38 x 4.5mm	kg	66.00					
	3" Flat head Countersunk screw	pc	372.00					
8.0900	J-Bolt (6mm dia.)	pc	1,060.00					
	Teckscrew 2-3/4"	pc	2,068.00					
8.1300	Roof Sealant	L	4.00					
	<b>Sub-total</b>							
<b>9.0000</b>	<b>Carpentry Works</b>							
	<i>Provision of all exterior and interior Ceiling including ceiling joist and others</i>							
	<i>Interior Ceiling</i>	sq.m	112.00					
9.0100	Removal of Ceiling	sq.m	112.00					
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	39.00					
	50 mm x 50 mm Ceiling Joist	bd.ft	228.00					
	50 mm x 75 mm Ceiling Joist	bd.ft	345.00					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	572.00					
9.2100	Finishing Nails	kg	3.00					
4.0400	CWN, Assorted	kg	11.00					

9.2200	Concrete Nails	kg	3.00				
9.1900	Wood Preservative, Brown	L	4.00				
	<i>Exterior Ceiling</i>	sq m	47.00				
9.0100	Removal of Ceiling	sq.m	47.00				
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	16.00				
	<i>50 mm x 50 mm Ceiling Joist</i>	bd.ft	149.00				
	<i>50 mm x 75 mm Ceiling Joist</i>	bd.ft	136.00				
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	285.00				
9.2100	Finishing Nails	kg	1.00				
4.0400	CWN, Assorted	kg	6.00				
9.2200	Concrete Nails	kg	1.00				
9.1900	Wood Preservative, Brown	L	2.00				
9.1400	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	4.00				
	<i>Blackboards</i>						
9.1800	S4S Lumber, Kiln Dried, Tanguile	bd.ft	74.00				
9.2000	Lawanit, 1/4" thk	pc	4.00				
9.2100	Finishing Nails	kg	1.00				
4.0400	CWN, Assorted	kg	2.00				
9.2200	Concrete Nails	kg	1.00				
	<b>Sub-total</b>						
<b>10.0000</b>	<b>Electrical Works</b>						
	<i>Total replacement of existing electrical wirings and fixtures.</i>						
	<i>Roughing-ins</i>						
10.0100	Electrical Conduit uPVC, 15mmØ	pc	24.00				
10.0490	RSC 20mmØ	pc	1.00				
10.0800	Entrance Cap 20mm dia.	pc	1.00				
10.1200	Junction Box, 4" x 4" G.I.	pc	8.00				
10.1300	Utility Box, 2" x 4" G.I.	pc	4.00				
10.1400	Grounding Rod, 2.4m x 16mm dia.	pc	1.00				
	<i>Wires &amp; Fixtures</i>						
10.1600	3.5 mm <sup>2</sup> THHN Wire, Stranded	m	230.00				
10.1700	5.5 mm <sup>2</sup> THHN Wire, Stranded	m	10.00				
10.2700	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	4.00				
10.3200	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	2.00				
10.2900	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	set	2.00				
10.3610	FL 1 x 40W Industrial Type - LED	set	12.00				
	LED Bulb 9W with Medium Base Keyless Type Porcelain Receptacle	pc	2.00				
10.3700	Panel Box, Flush Type, 4 Branches	set	1.00				
10.4410	Circuit Breaker, 60A 2P	set	1.00				
10.4100	Circuit Breaker, 20A 2P	set	3.00				
10.4900	Vibrating Bell 8"	set	1.00				
10.5000	Push Button, 10A, 230V	set	1.00				

10.5400	Wall Fan, 60W, 230V, 60Hz with outlet and accessories	set	4.00					
10.5500	Electrical Tape (Big)	pc	2.00					
	<b>Sub-Total</b>							
<b>11.0000</b>	<b>Plumbing Works</b>							
	Repair of plumbing / pipings including replacement of damaged accessories	l.m	20.00					
	Toilet Bowl including accessories	set	2.00					
	<b>Sub-Total</b>							
<b>13.0000</b>	<b>Painting Works</b>							
	<i>Follow Standard DEPED Color Scheme and use certified lead-safe paints/ coatings</i>							
	<i>Interior and exterior Ceiling</i>	sq.m	159.00					
13.0600	Enamel, Flatwall	gal	8.00					
13.0800	Enamel, Semi Gloss	gal	8.00					
13.0700	Glazing Putty	gal	8.00					
13.0900	Paint Thinner	gal	4.00					
	<i>Doors and others</i>	sq.m	25.80					
13.0600	Enamel, Flatwall	gal	2.00					
13.0800	Enamel, Semi Gloss	gal	2.00					
13.0700	Glazing Putty	gal	2.00					
13.0900	Paint Thinner	gal	1.00					
	<i>Concrete surfaces</i>	sq m	230.00					
13.0100	Neutralizer	gal	12.00					
13.0200	Latex, Flat	gal	23.00					
13.0300	Masonry Putty	gal	9.00					
13.0400	Latex, Semi Gloss	gal	8.00					
13.0500	Acri Color	qrt	5.00					
	<i>Steel Surfaces</i>							
13.1210	Primer, Red Oxide	gal	2.00					
	Enamel, Quick Dry	gal	2.00					
13.0900	Paint Thinner	gal	2.00					
	<b>Sub-Total</b>							
<b>14.0000</b>	<b>Tile Works</b>							
	<i>Wall - color for approval</i>	sq.m	10.56					
14.0710	Glazed Wall Tiles 20cm x 20cm	pc	272.00					
14.1600	Tile Adhesive 25 kg/bag	bag	2.00					
14.1300	Tile Trim 6mm	pc	3.00					
14.1500	Tile Grout 5 kg/bag	bag	1.00					
	<i>Flooring - color for approval</i>	sq.m	1.44					
14.0210	Unglazed Floor Tiles 20cm x 20cm	pc	38.00					
14.1600	Tile Adhesive 25 kg/bag	bag	1.00					
14.1500	Tile Grout 5 kg/bag	bag	1.00					
	<b>Sub-Total</b>							
<b>BUILDING 6 : ONE UNIT - TWO CLASSROOM DEPED STANDARD SCHOOL BUILDING 7M x 9M (BUILDING 11) - 2 CL</b>								
<b>5.0000</b>	<b>Masonry Works</b>							

	<i>Provision of CHB wall for closing of two bay of window located near at Comfort room and punching hole for CR's window and continuation of CR walling</i>							
	<i>Masonry Wall</i>	sq.m	17.76					
5.0300	CHB 4" thk	pc	222.00					
2.0200	Portland Cement	bag	6.00					
2.0300	Washed Sand	cu.m	1.00					
3.0500	10mm x 6m RSB	kg	24.00					
3.1200	G.I. Tie Wire	kg	1.00					
	Punching hole (0.6m x 0.6m)	sq.m	0.72					
	<i>Plastering including Comfort rooms and repair of all wall cracks</i>							
	<i>Plastering</i>	sq.m	47.52					
2.0200	Portland Cement	bag	16.00					
2.0300	Washed Sand	cu.m	2.00					
	<b>Sub-total</b>							
<b>6.0000</b>	<b>Doors &amp; Windows</b>							
	<i>Replacement of all doors with jamb and damaged windows including provision of new window for comfort rooms and provision of security grilles</i>							
	Removal of all existing doors	sq.m	13.62					
6.0330	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	4.00					
6.0430	D-3 Flush Door 0.60m x 2.10m on 150mm Wooden Jamb complete with Accessories	sets	2.00					
	Repair/ rehabilitate of all windows including accessories, blades, etc. and window jambs (Match existing)	sq.m	16.64					
	W - 4, ( 0.6 x 0.6 m) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	2.00					
6.1500	Security Grilles (WG-4)	sq.ft	289.77					
	<b>Sub-total</b>							
<b>8.0000</b>	<b>Roofing Works</b>							
	<i>Rehab / Repair / Replacement of deteriorated roofing sheets , ridge rolls and flasing, etc. And total application of roof sealant to prevent future leaking and provision of roof clip for both right and left wing.</i>							
	Rehab / Repair / Replacement of deteriorated roofing sheets , ridge rolls and flasing, etc.	sq.m	193.32					
8.1300	Roof Sealant	L	4.00					
7.1020	L 38 x 38 x 4.5mm	kg	66.00					
	Teckscrew 2-3/4"	pc	156.00					
	<b>Sub-total</b>							

<b>9.0000</b>	<b>Carpentry Works</b>							
	<i>Replacement of all deteriorated exterior and interior Ceiling, including repair of blackboards</i>							
	Repair of ceiling	sq.m	172.08					
	Repair of blackboards	set	2.00					
	Repair of air vent	pc	4.00					
	Repair / replace damaged fascia board	pc	7.00					
	<b>Sub-total</b>							
<b>10.0000</b>	<b>Electrical Works</b>							
	<i>Rehabilitation / repair of existing electrical wirings and fixtures and provision of line for wall fan and wall fan itself. Also provide fire alarm.</i>							
	Rehabilitation of Light hanger / Replacement of all damaged (match existing)	set	8.00					
	Rehabilitation of other electrical accessories/ fixtures - set/ per room	set	2.00					
	<i>Roughing-ins</i>							
10.0100	Electrical Conduit uPVC, 15mmØ	pc	4.00					
10.1200	Junction Box, 4" x 4" G.I.	pc	4.00					
10.1300	Utility Box, 2" x 4" G.I.	pc	4.00					
10.1400	Grounding Rod, 2.4m x 16mm dia.	pc	1.00					
	<i>Wires &amp; Fixtures</i>							
	3.5 mm <sup>2</sup> THW Wire, Stranded	m	75.00					
10.3610	FL 1 x 40W Industrial Type - LED	set	10.00					
	LED Bulb 9W with Medium Base Keyless Type Porcelain Receptacle	pc	2.00					
10.2900	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	set	2.00					
	One Gang C.O. with Plate	pc	4.00					
10.4900	Vibrating Bell 8"	set	1.00					
10.5000	Push Button, 10A, 230V	set	1.00					
10.5500	Electrical Tape	pc	1.00					
10.5400	Wall Fan, 60W, 230V, 60Hz with outlet and accessories	set	4.00					
	<b>Sub-Total</b>							
<b>11.0000</b>	<b>Plumbing Works</b>							
	Repair of plumbing / pipings/ water lining including replacement of damaged accessories	l.m	20.00					
	<b>Sub-Total</b>							
<b>13.0000</b>	<b>Painting Works</b>							
	<i>Follow Standard DEPED Color Scheme and use certified lead-safe paints/ coatings</i>							
	<i>Roofing and Accessories</i>							
		sq.m	236.50					
13.1210	Primer, Red Oxide	gal	16.00					
13.1300	Gloss Acrylic Roof Paint	gal	16.00					
13.0900	Paint Thinner	gal	8.00					
	<i>Interior and exterior Ceiling</i>							
		sq.m	172.08					
13.0600	Enamel, Flatwall	gal	9.00					

13.0800	Enamel, Semi Gloss	gal	9.00				
13.0700	Glazing Putty	gal	9.00				
13.0900	Paint Thinner	gal	5.00				
	<i>Concrete surfaces</i>	sq m	345.15				
13.0100	Neutralizer	gal	5.00				
13.0200	Latex, Flat	gal	14.00				
13.0300	Masonry Putty	gal	14.00				
13.0400	Latex, Semi Gloss	gal	14.00				
13.0500	Acrylic Color	qrt	4.00				
	<i>Steel Surfaces</i>						
13.1210	Primer, Red Oxide	gal	1.00				
	Enamel, Quick Dry	gal	1.00				
13.0900	Paint Thinner	gal	1.00				
	<b>Sub-Total</b>						
<b>14.0000</b>	<b>Tile Works</b>						
	<i>Wall - color for approval</i>	sq.m	10.56				
14.0710	Glazed Wall Tiles 20cm x 20cm	pc	272.00				
14.1600	Tile Adhesive 25 kg/bag	bag	2.00				
14.1300	Tile Trim 6mm	pc	3.00				
14.1500	Tile Grout 5 kg/bag	bag	1.00				
	<i>Flooring - color for approval</i>	sq.m	1.44				
14.0210	Unglazed Floor Tiles 20cm x 20cm	pc	38.00				
14.1600	Tile Adhesive 25 kg/bag	bag	1.00				
14.1500	Tile Grout 5 kg/bag	bag	1.00				
	<b>Sub-Total</b>						
<b>I</b>	<b>DIRECT COST</b>						<b>0.00</b>
<b>II.</b>	<b>INDIRECT COST 22% of (I - Gen. Req'ts.)</b>						<b>0.00</b>
<b>III</b>	<b>TAX 5% of (I + II)</b>						<b>0.00</b>
<b>IV</b>	<b>TOTAL CONSTRUCTION COST (I + II + III)</b>						<b>0.00</b>

Prepared by:

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Contractor's Representative



**BLANK PROGRAM OF WORKS  
BILL OF QUANTITIES  
&  
DETAILED ESTIMATES**

**BINALBAGAN ELEMENTARY SCHOOL  
CANLAON CITY, NEGROS ORIENTAL**

# CONTRACTOR'S LOGO/ HEADER

## PROGRAM OF WORKS BILL OF QUANTITIES

REPAIR 2021 - R VII - Negros Oriental - 007

<b>School:</b> BINALBAGAN ELEMENTARY SCHOOL	<b>Date:</b> May 24, 2021
<b>School ID:</b> 120199	<b>Budget Allocation:</b> PHP 4,706,070.84
<b>Region:</b> REGION VII - CENTRAL VISAYAS	<b>Engineering and Administrative Overhead:</b>
<b>Division:</b> NEGROS ORIENTAL	<b>Approved Budget for Contract:</b> PHP 4,706,070.84
<b>Project Title:</b>  PROPOSED REPAIR AND REHABILITATION OF SCHOOL BUILDINGS - 10 CLASSROOMS	<b>Completion Period:</b> 120 calendar days
	<b>Minimum Required Manpower:</b> General Foreman Welder Carpenter Plumber Helper Mason Painter Electrician
<b>Location</b> : CANLAON CITY, NEGROS ORIENTAL	<b>Minimum Required Equipment:</b>
	Hand Tools Welding Machine One-Bagger Mixer Bar Cutter

ITEM NO.	Item Description	% of Total	Unit	Quantity	Total Cost	Remarks
	<b>I. DIRECT COST</b>					
	<b>GENERAL REQUIREMENTS</b>		lot	1.00		<i>with hauling cost</i>

### BUILDING 1 : ONE UNIT - THREE CLASSROOM DEPED STANDARD SCHOOL BUILDING 7M x 9M (BUILDING 1) - 3 CL

1.000	Earthworks		lot	1.00		
2.000	Concreting Works		lot	1.00		
3.000	Rebar Works		lot	1.00		
5.000	Masonry Works		lot	1.00		
6.000	Doors & Windows		lot	1.00		
8.000	Roofing Works		lot	1.00		
9.000	Carpentry Works		lot	1.00		
10.000	Electrical Works		lot	1.00		
11.000	Plumbing Works		lot	1.00		
12.000	Sanitary Works		lot	1.00		
13.000	Painting Works		lot	1.00		
14.000	Tile Works		lot	1.00		

### BUILDING 2 : ONE UNIT - THREE CLASSROOM DEPED STANDARD SCHOOL BUILDING 7M x 9M (BUILDING 3) - 3 CL

1.000	Earthworks		lot	1.00		
2.000	Concreting Works		lot	1.00		
3.000	Rebar Works		lot	1.00		
5.000	Masonry Works		lot	1.00		
6.000	Doors & Windows		lot	1.00		
8.000	Roofing Works		lot	1.00		
9.000	Carpentry Works		lot	1.00		

10.000	Electrical Works		lot	1.00	
11.000	Plumbing Works		lot	1.00	
12.000	Sanitary Works		lot	1.00	
13.000	Painting Works		lot	1.00	
14.000	Tile Works		lot	1.00	
<b>BUILDING 3 : ONE UNIT - THREE CLASSROOM BUILDING 7M x 8M (BUILDING 4) - 3 CL</b>					
1.000	Earthworks		lot	1.00	
2.000	Concreting Works		lot	1.00	
3.000	Rebar Works		lot	1.00	
5.000	Masonry Works		lot	1.00	
6.000	Doors & Windows		lot	1.00	
7.000	Steel works		lot	1.00	
8.000	Roofing Works		lot	1.00	
9.000	Carpentry Works		lot	1.00	
10.000	Electrical Works		lot	1.00	
11.000	Plumbing Works		lot	1.00	
13.000	Painting Works		lot	1.00	
14.000	Tile Works		lot	1.00	
<b>BUILDING 4: ONE UNIT - ONE CLASSROOM BLSRAP SCHOOL BUILDING 7M X 8M (BUILDING 6) - 1 CL</b>					
6.000	Doors & Windows		lot	1.00	
7.000	Steel Works		lot	1.00	
8.000	Roofing Works		lot	1.00	
9.000	Carpentry Works		lot	1.00	
10.000	Electrical Works		lot	1.00	
11.000	Plumbing Works		lot	1.00	
13.000	Painting Works		lot	1.00	
14.000	Tile Works		lot	1.00	
	<b>Sub-Total</b>				
	<b>II. INDIRECT COST 22% of (I - Gen. Req'ts.)</b>				
	Overhead Expenses (8%)				
	Contingencies (3%)				
	Miscellaneous (1%)				
	Contractor's Profit (10%)				
	<b>Sub-Total</b>				
	<b>III. TAX 5% of (I+II)</b>				
	<b>Sub-Total</b>				
	<b>IV. TOTAL CONSTRUCTION COST (I + II + III)</b>				

Prepared by:

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Contractor's Representative

# CONTRACTOR'S LOGO/ HEADER

## PROGRAM OF WORKS DETAILED COST ESTIMATE

PROJECT : PROPOSED REPAIR AND REHABILITATION OF SCHOOL BUILDINGS - 10  
 CLASSROOMS  
 SCHOOL : BINALBAGAN ELEMENTARY SCHOOL  
 LOCATION: CANLAON CITY, NEGROS ORIENTAL  
 OWNER : DEPARTMENT OF EDUCATION

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
A	<b>GENERAL REQUIREMENTS</b>							
	Mobilization/Temporary Structures, Utilities and Services/Demobilization	lot	1.00					
	Safety and Health	lot	1.00					
	Project Billboard	lot	1.00					
	Fire Safety Inspection Certificate (FSIC)	lot	1.00					
	Permit Fee's and Other Necessary Requirements	lot	1.00					
	Hauling cost	lot	1.00					
	<b>Sub-total</b>							
<b>BUILDING 1 : ONE UNIT - THREE CLASSROOM DEPED STANDARD SCHOOL BUILDING 7M x 9M (BUILDING 1) - 3 CL</b>								
<b>1.0000</b>	<b>Earthworks</b>							
	<i>Removal and repair of existing corridor flooring</i>							
1.0300	Backfilling and Compaction	cu.m	8.32					
1.0400	Gravel Bedding G-1	cu.m	0.77					
1.0500	Select Fill	cu.m	6.48					
1.0600	Soil Poisoning	sq.m	7.68					
	<b>Sub-total</b>							
<b>2.0000</b>	<b>Concreting Works</b>							
	<i>Repair of classrooms corridor with rebars @ 0.4 center to center and repair of concrete steps</i>							
	<i>Slab on Grade and Repair of Concrete Steps</i>	cu.m	9.00					
2.0200	Portland Cement	bag	81.00					
2.0300	Crushed Gravel 3/4"	cu.m	9.00					
2.0500	Washed Sand	cu.m	4.50					
3.0500	Deformed Round Bars, Grade 40 (10mm RSB)	kg	61.00					
3.1200	G.I. Tie Wire	kg	3.00					

	<i>Provision of repair of CR's</i>							
	<i>Wall Footing</i>	cu.m	1.20					
2.0200	Portland Cement	bag	11.00					
2.0300	Crushed Gravel 1"	cu.m	1.25					
2.0500	Washed Sand	cu.m	0.75					
	<b>Sub-total</b>							
<b>3.0000</b>	<b>Rebar Works</b>							
	Wall footing using 10mm def bars (2 longitudinal bars with 10 mm def bar ties at 0.20 o.c.)	kg	19.71					
	G.I. Tie Wire	kg	0.79					
	<b>Sub-total</b>							
<b>5.0000</b>	<b>Masonry Works</b>							
	<i>Provision of repair of cr wall and closing of two bays of window located at Comfort room</i>							
	<i>Masonry Wall</i>	sq.m	48.56					
5.0300	CHB 4" thk	pc	607.00					
2.0200	Portland Cement	bag	16.00					
2.0300	Washed Sand	cu.m	3.00					
3.0500	10mm x 6m RSB	kg	65.00					
3.1200	G.I. Tie Wire	kg	2.00					
	Punching hole (0.6m x 0.6m)	sq.m	0.36					
	<i>Plastering</i>	sq.m	97.11					
2.0200	Portland Cement	bag	33.00					
2.0300	Washed Sand	cu.m	4.00					
	<b>Sub-total</b>							
<b>6.0000</b>	<b>Doors &amp; Windows</b>							
	<i>Replacement of all CR doors and provision of security grilles</i>							
	Repair of damaged main doors	sq m	3.78					
	Repair of damaged windows (jalousie blades, jambs and provision of application of wood preservative	sq m	35.00					
6.0430	D-3 Flush Door 0.70m x 2.10m on 150mm Wooden Jamb complete with Accessories	sets	3.00					
	W - 4, ( 0.6 x 0.6 m) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	3.00					
6.1500	Security Grilles (WG-4)	sq.ft	20.67					
6.1510	Window Grille (WG - 1)	set	3.00					
6.1520	Window Grille (WG - 2)	set	9.00					
	<b>Sub-total</b>							

<b>8.0000</b>	<b>Roofing Works</b>							
	<i>Provision of application of roof sealant</i>							
8.1300	Roof Sealant	L	4.00					
	<b>Sub-total</b>							
<b>9.0000</b>	<b>Carpentry Works</b>							
	<i>Repair of exterior and interior ceiling including CR's.</i>							
	<i>Interior &amp; Exterior Ceiling</i>	sq.m	9.00					
9.0100	Removal of Ceiling	sq.m	9.00					
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	9.00					
	50 mm x 50 mm Ceiling Joist	bd.ft	80.00					
	50 mm x 75 mm Ceiling Joist	bd.ft	121.00					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	201.00					
9.2100	Finishing Nails	kg	2.00					
4.0400	CWN, Assorted	kg	4.00					
9.2200	Concrete Nails	kg	2.00					
9.1900	Wood Preservative, Brown	L	2.00					
	<b>Sub-Total</b>							
<b>10.0000</b>	<b>Electrical Works</b>							
	<i>Roughing-ins, Wires &amp; Fixtures</i>							
10.0100	Electrical Conduit uPVC, 15mmØ	pc	6.00					
10.1200	Junction Box, 4" x 4" G.I.	pc	3.00					
10.1300	Utility Box, 2" x 4" G.I.	pc	3.00					
10.1600	3.5 mm <sup>2</sup> THHN Wire, Stranded	m	30.00					
10.2900	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	set	3.00					
	LED Bulb 9W with Medium Base Keyless Type Porcelain Receptacle	pc	3.00					
10.5500	Electrical Tape (Big)	pc	1.00					
	Solar Street Light, 20 Watts/equivalent, Automatic Sensor Switch with 3" B.I. Pipe 3" Ø Sch.40 with Pedestal and complete accessories	set	2.00					
	Fire Extinguisher 10 lbs with cabinet and complete accessories ( as Fire Department required)	set	3.00					
	<b>Sub-Total</b>							
<b>11.0000</b>	<b>Plumbing Works</b>							
	<i>Provision of replacement of toilet bowls and plumbing pipes and fixtures</i>							
11.0200	Water Closet 1.6gpf with Accessories	set	3.00					
11.0600	Lavatory, Pedestal Type with Accessories	set	3.00					

11.0510	Faucet	set	3.00					
11.6500	S.S.Floor Drain 4' x 4"	pc	3.00					
12.0700	uPVC Sanitary Pipe 2"Ø	pc	6.00					
12.3000	uPVC P-Trap 2"	pc	3.00					
11.6600	Teflon Tape	roll	5.00					
11.0900	PP-R Pipe 1"Ø x 4.0m	pc	13.00					
11.1000	PP-R Pipe 3/4"Ø x 4.0m	pc	3.00					
11.1400	PP-R Coupling, 1"Ø	pc	12.00					
11.2210	PP-R Elbow Reducer, 1" x 3/4"Ø	pc	6.00					
11.2500	PP-R Tee, 1"Ø	pc	7.00					
11.2000	PP-R Elbow 90° x 1"Ø	pc	6.00					
11.4500	Mirror	sq.ft	12.00					
	Grab Rail rehabilitation for PWD	set	3.00					
	1000 liters Stainless Water Tank with piping and complete accessories	set	1.00					
	<b>Sub-Total</b>							
<b>12.0000</b>	<b>Sanitary Works</b>							
	<i>Provision of replacement of septic tank and sanitary pipes</i>							
12.3200	Three Chamber Septic Vault	unit	1.00					
12.0600	PVC Pipe 4"Ø	pc	12.00					
12.0400	PVC Pipe 2"Ø	pc	7.00					
12.3400	PVC Pipe 1"Ø	pc	3.00					
12.2700	PVC Wye 4" x 4"	pc	2.00					
12.2500	PVC Wye 4" x 2"	pc	5.00					
12.1600	PVC Elbow ¼ x 4"Ø	pc	4.00					
12.1400	PVC Elbow ¼ x 2"Ø	pc	7.00					
12.1100	PVC Elbow 90° x 2"Ø	pc	9.00					
	PVC Elbow 90° x 1"Ø	pc	1.00					
12.1900	PVC Tee 4" x 2"	pc	3.00					
12.1700	PVC Tee 2" x 2"	pc	2.00					
12.3000	PVC P - Trap 2"	pc	3.00					
12.2800	PVC Cleanout 4" x 4"	pc	2.00					
12.3300	PVC Cement	can	5.00					
	<b>Sub-Total</b>							
<b>13.0000</b>	<b>Painting Works</b>							
	<i>Follow Standard DEPED Color Scheme and use certified lead-safe paints/ coatings</i>							
	Concrete surfaces	sq.m	517.73					
13.0100	Neutralizer	gal	7.50					
13.0200	Latex, Flat	gal	21.00					
13.0300	Masonry Putty	gal	21.00					
13.0400	Latex, Semi Gloss	gal	21.00					

13.0500	Acri Color	qrt	6.00					
	<i>Interior and exterior Ceiling</i>	sq.m	258.12					
13.0600	Enamel, Flatwall	gal	13.50					
13.0800	Enamel, Semi Gloss	gal	1.50					
13.0700	Glazing Putty	gal	13.50					
13.0800	Enamel, Semi Gloss	gal	13.50					
13.0900	Paint Thinner	gal	7.50					
	<i>Doors and Windows Jambs</i>	sq.m	79.50					
13.0600	Enamel, Flatwall	gal	4.50					
13.0700	Glazing Putty	gal	4.50					
13.0800	Enamel, Semi Gloss	gal	4.50					
13.0900	Paint Thinner	gal	3.00					
	<i>Steel Surfaces</i>							
13.1210	Primer, Red Oxide	gal	3.00					
	Enamel, Quick Dry	gal	3.00					
13.0900	Paint Thinner	gal	3.00					
	<b>Sub-total</b>							-
<b>14.0000</b>	<b>Tile Works</b>							
	<i>Provision of wall and floor tiles</i>							
	<i>Wall - color for approval</i>	sq.m	14.04					
14.0710	Glazed Wall Tiles 20cm x 20cm	pc	362.00					
14.1600	Tile Adhesive 25 kg/bag	bag	3.00					
14.1300	Tile Trim 6mm	pc	3.00					
14.1500	Tile Grout 5 kg/bag	bag	2.00					
	<i>Flooring - color for approval</i>	sq.m	5.40					
14.0210	Unglazed Floor Tiles 20cm x 20cm	pc	140.00					
14.1600	Tile Adhesive 25 kg/bag	bag	1.00					
14.1500	Tile Grout 5 kg/bag	bag	1.00					
	<b>Sub-Total</b>							
<b>BUILDING 2 : ONE UNIT - THREE CLASSROOM DEPED STANDARD SCHOOL BUILDING 7M x 9M (BUILDING 3) - 3 CL</b>								
<b>1.0000</b>	<b>Earthworks</b>							
	<i>Removal and repair of existing corridor flooring</i>							
1.0300	Backfilling and Compaction	cu.m	8.32					
1.0400	Gravel Bedding G-1	cu.m	0.77					
1.0500	Select Fill	cu.m	6.48					
1.0600	Soil Poisoning	sq.m	7.68					
	<b>Sub-total</b>							
<b>2.0000</b>	<b>Concreting Works</b>							



	<i>Repair of classrooms corridor with rebars @ 0.4 center to center and repair of concrete steps</i>							
	<i>Slab on Grade and Repair of Concrete Steps</i>	cu.m	8.00					
2.0200	Portland Cement	bag	72.00					
2.0300	Crushed Gravel 3/4"	cu.m	8.00					
2.0500	Washed Sand	cu.m	4.00					
3.0500	Deformed Round Bars, Grade 40 (10mm RSB)	kg	68.00					
3.1200	G.I. Tie Wire	kg	3.00					
	<i>Provision of repair of CR's</i>							
	<i>Wall Footing</i>	cu.m	1.20					
2.0200	Portland Cement	bag	11.00					
2.0300	Crushed Gravel 1"	cu.m	1.25					
2.0500	Washed Sand	cu.m	0.75					
	<b>Sub-total</b>							
<b>3.0000</b>	<b>Rebar Works</b>							
	Wall footing using 10mm def bars (2 longitudinal bars with 10 mm def bar ties at 0.20 o.c.)	kg	19.71					
	G.I. Tie Wire	kg	0.79					
	<b>Sub-total</b>							
<b>5.0000</b>	<b>Masonry Works</b>							
	<i>Provision of repair of cr wall and closing of two bays of window located at Comfort room</i>							
	<i>Masonry Wall</i>	sq.m	48.56					
5.0300	CHB 4" thk	pc	607.00					
2.0200	Portland Cement	bag	16.00					
2.0300	Washed Sand	cu.m	3.00					
3.0500	10mm x 6m RSB	kg	65.00					
3.1200	G.I. Tie Wire	kg	2.00					
	Punching hole (0.6m x 0.6m)	sq.m	0.36					
	<i>Plastering</i>	sq.m	97.11					
2.0200	Portland Cement	bag	33.00					
2.0300	Washed Sand	cu.m	4.00					
	<b>Sub-total</b>							
<b>6.0000</b>	<b>Doors &amp; Windows</b>							
	<i>Replacement of all CR doors and provision of security grilles</i>							
	Repair of damaged main doors	sq m	3.78					
	Repair of damaged windows (jalousie blades, jambs and provision of application of wood preservative	sq m	35.00					
6.0430	D-3 Flush Door 0.70m x 2.10m on 150mm Wooden Jamb complete with Accessories	sets	3.00					

	W - 4, ( 0.6 x 0.6 m) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	3.00					
6.1500	Security Grilles (WG-4)	sq.ft	20.67					
6.1510	Window Grille (WG - 1)	set	3.00					
6.1520	Window Grille (WG - 2)	set	9.00					
	<b>Sub-total</b>							
<b>8.0000</b>	<b>Roofing Works</b>							
	Provision of repair of roof leaking and application of roof sealant	sq m	35.00					
	<b>Sub-total</b>							
<b>9.0000</b>	<b>Carpentry Works</b>							
	<i>Repair of exterior and interior ceiling including CR's.</i>							
	<i>Interior &amp; Exterior Ceiling</i>	sq.m	9.00					
9.0100	Removal of Ceiling	sq.m	9.00					
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	9.00					
	<i>50 mm x 50 mm Ceiling Joist</i>	bd.ft	80.00					
	<i>50 mm x 75 mm Ceiling Joist</i>	bd.ft	121.00					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	201.00					
9.2100	Finishing Nails	kg	2.00					
4.0400	CWN, Assorted	kg	4.00					
9.2200	Concrete Nails	kg	2.00					
9.1900	Wood Preservative, Brown	L	2.00					
	<b>Sub-Total</b>							
<b>10.0000</b>	<b>Electrical Works</b>							
	<i>Roughing-ins , Wires &amp; Fixtures</i>							
10.0100	Electrical Conduit uPVC, 15mmØ	pc	6.00					
10.1200	Junction Box, 4" x 4" G.I.	pc	3.00					
10.1300	Utility Box, 2" x 4" G.I.	pc	3.00					
10.1600	3.5 mm <sup>2</sup> THHN Wire, Stranded	m	30.00					
10.2900	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	set	3.00					
	LED Bulb 9W with Medium Base Keyless Type Porcelain Receptacle	pc	3.00					
10.5500	Electrical Tape (Big)	pc	1.00					
	Solar Street Light, 20 Watts/equivalent, Automatic Sensor Switch with 3" B.I. Pipe 3" Ø Sch.40 with Pedestal and complete accessories	set	1.00					

	Fire Extinguisher 10 lbs with cabinet and complete accessories ( as Fire Department required)	set	3.00					
	<b>Sub-Total</b>							
<b>11.0000</b>	<b>Plumbing Works</b>							
	<i>Provision of replacement of toilet bowls and plumbing pipes and fixtures</i>							
11.0200	Water Closet 1.6gpf with Accessories	set	3.00					
11.0600	Lavatory, Pedestal Type with Accessories	set	3.00					
11.0510	Faucet	set	3.00					
11.6500	S.S.Floor Drain 4' x 4"	pc	3.00					
12.0700	uPVC Sanitary Pipe 2"Ø	pc	6.00					
12.3000	uPVC P-Trap 2"	pc	3.00					
11.6600	Teflon Tape	roll	5.00					
11.0900	PP-R Pipe 1"Ø x 4.0m	pc	13.00					
11.1000	PP-R Pipe 3/4"Ø x 4.0m	pc	3.00					
11.1400	PP-R Coupling, 1"Ø	pc	12.00					
11.2210	PP-R Elbow Reducer, 1" x 3/4"Ø	pc	6.00					
11.2500	PP-R Tee, 1"Ø	pc	7.00					
11.2000	PP-R Elbow 90° x 1"Ø	pc	6.00					
11.4500	Mirror	sq.ft	12.00					
	Grab Rail rehabilitation for PWD	set	3.00					
	<b>Sub-Total</b>							
<b>12.0000</b>	<b>Sanitary Works</b>							
	<i>Provision of replacement of septic tank and sanitary pipes</i>							
12.3200	Three Chamber Septic Vault	unit	1.00					
12.0600	PVC Pipe 4"Ø	pc	12.00					
12.0400	PVC Pipe 2"Ø	pc	7.00					
12.3400	PVC Pipe 1"Ø	pc	3.00					
12.2700	PVC Wye 4" x 4"	pc	2.00					
12.2500	PVC Wye 4" x 2"	pc	5.00					
12.1600	PVC Elbow ½ x 4"Ø	pc	4.00					
12.1400	PVC Elbow ½ x 2"Ø	pc	7.00					
12.1100	PVC Elbow 90° x 2"Ø	pc	9.00					
	PVC Elbow 90° x 1"Ø	pc	1.00					
12.1900	PVC Tee 4" x 2"	pc	3.00					
12.1700	PVC Tee 2" x 2"	pc	2.00					
12.3000	PVC P - Trap 2"	pc	3.00					
12.2800	PVC Cleanout 4" x 4"	pc	2.00					
12.3300	PVC Cement	can	5.00					
	<b>Sub-Total</b>							
<b>13.0000</b>	<b>Painting Works</b>							

	<i>Follow Standard DEPED Color Scheme and use certified lead-safe paints/ coatings</i>							
	Concrete surfaces	sq.m	517.73					
13.0100	Neutralizer	gal	7.50					
13.0200	Latex, Flat	gal	21.00					
13.0300	Masonry Putty	gal	21.00					
13.0400	Latex, Semi Gloss	gal	21.00					
13.0500	Acri Color	qrt	6.00					
	Interior and exterior Ceiling	sq.m	258.12					
13.0600	Enamel, Flatwall	gal	13.50					
13.0800	Enamel, Semi Gloss	gal	1.50					
13.0700	Glazing Putty	gal	13.50					
13.0800	Enamel, Semi Gloss	gal	13.50					
13.0900	Paint Thinner	gal	7.50					
	Doors and Windows Jambs	sq.m	79.50					
13.0600	Enamel, Flatwall	gal	4.50					
13.0700	Glazing Putty	gal	4.50					
13.0800	Enamel, Semi Gloss	gal	4.50					
13.0900	Paint Thinner	gal	3.00					
	<b>Steel Surfaces</b>							
13.1210	Primer, Red Oxide	gal	3.00					
	Enamel, Quick Dry	gal	3.00					
13.0900	Paint Thinner	gal	3.00					
	<b>Sub-total</b>							
<b>14.0000</b>	<b>Tile Works</b>							
	<i>Provision of wall and floor tiles</i>							
	Wall - color for approval	sq.m	14.04					
14.0710	Glazed Wall Tiles 20cm x 20cm	pc	362.00					
14.1600	Tile Adhesive 25 kg/bag	bag	3.00					
14.1300	Tile Trim 6mm	pc	3.00					
14.1500	Tile Grout 5 kg/bag	bag	2.00					
	Flooring - color for approval	sq.m	5.40					
14.0210	Unglazed Floor Tiles 20cm x 20cm	pc	140.00					
14.1600	Tile Adhesive 25 kg/bag	bag	1.00					
14.1500	Tile Grout 5 kg/bag	bag	1.00					
	<b>Sub-Total</b>							
<b>BUILDING 3 : ONE UNIT - THREE CLASSROOM BUILDING 7M x 8M (BUILDING 4) - 3 CL</b>								

<b>1.0000</b>	<b>Earthworks</b>							
	<i>Provision of corridor flooring</i>							
1.0300	Backfilling and Compaction	cu.m	8.32					
1.0400	Gravel Bedding G-1	cu.m	0.77					
1.0500	Select Fill	cu.m	11.04					
1.0600	Soil Poisoning	sq.m	7.68					
	<b>Sub-total</b>							
<b>2.0000</b>	<b>Concreting Works</b>							
	<i>Provision of corridor flooring 4" thk with rebars @0.6 center to center - and repair of floor cracks</i>							
	<i>Slab on Grade</i>	cu.m	5.00					
2.0200	Portland Cement	bag	45.00					
2.0300	Crushed Gravel 3/4"	cu.m	5.00					
2.0500	Washed Sand	cu.m	2.50					
3.0500	Deformed Round Bars, Grade 40 (10mm RSB)	kg	54.00					
3.1200	G.I. Tie Wire	kg	3.00					
	<i>Provision of wall footing for the CHB at corridor wall</i>							
	<i>Wall Footing</i>	cu.m	0.84					
2.0200	Portland Cement	bag	8.00					
2.0300	Crushed Gravel 1"	cu.m	1.00					
2.0500	Washed Sand	cu.m	0.50					
	<i>Ramp on Fill (with Ramp Railing)</i>	cu.m	0.54					
2.0200	Portland Cement	bag	5.00					
2.0400	Crushed Gravel 1"	cu.m	0.75					
2.0500	Washed Sand	cu.m	0.50					
5.0400	10mm x 6m RSB	kg	23.28					
3.1200	G.I. Tie Wire	kg	1.00					
7.2610	G.I. Pipe 1-1/2"Ø Sch. 40	pc	6.00					
7.3600	Welding Rod	kg	3.00					
	<b>Sub-total</b>							
<b>3.0000</b>	<b>Rebar Works</b>							
	Wall footing using 10mm def bars (2 longitudinal bars with 10 mm def bar ties at 0.20 o.c.)	kg	19.71					
	G.I. Tie Wire	kg	0.79					
	<b>Sub-total</b>							
<b>5.0000</b>	<b>Masonry Works</b>							
	<i>Provision of CHB wall at corridor and continuation of chb wall of comfort rooms and repair of wall cracks</i>							
	<i>Masonry Wall</i>	sq.m	54.14					
5.0300	CHB 4" thk	pc	677.00					
2.0200	Portland Cement	bag	18.00					
2.0300	Washed Sand	cu.m	3.00					
3.0500	10mm x 6m RSB	kg	72.00					

3.1200	G.I. Tie Wire	kg	2.00					
	Punching hole (0.6m x 0.6m)	sq.m	0.72					
	<i>Plastering including new CHB wall and repair of all wall cracks and repair of sinks</i>							
	Plastering	sq.m	116.28					
2.0200	Portland Cement	bag	39.00					
2.0300	Washed Sand	cu.m	4.00					
	<b>Sub-total</b>							
<b>6.0000</b>	<b>Doors &amp; Windows</b>							
	<i>Replacement of all doors including jambs and provision of windows including toilet and additional door and provision of security grilles</i>							
6.0100	Removal of Door with Jamb	set	6.00					
6.0200	Removal of Window with Jamb	sq.m	37.44					
6.0330	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	6.00					
6.0430	D-3 Flush Door 0.60m x 2.10m on 150mm Wooden Jamb complete with Accessories	sets	3.00					
	W - 1, ( 2.6 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	3.00					
	W - 4, ( 0.6 x 0.6 m) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	3.00					
	W - 2, ( 1.3 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	9.00					
6.1500	Security Grilles (WG-4)	sq.ft	20.67					
6.1510	Window Grille (WG - 1)	set	3.00					
6.1520	Window Grille (WG - 2)	set	9.00					
	<b>Sub-total</b>							
<b>7.0000</b>	<b>Steel works</b>							
	<i>Replacement of all wooden Trusses and Members into steel Trusses and</i>							

	<i>Members</i>							
	<i>Trusses and Members</i>							
9.0070	Removal of Wooden Truss/ Beams	bd.ft	1,679.00					
9.0080	Removal of Purlins	bd.ft	993.00					
7.0900	L 50 x 50 x 6mm	kg	3,155.00					
7.0200	2" x 4" x 1.5mm C - purlins	kg	1,703.00					
7.1010	L 50 x 50 x 2mm	kg	33.00					
7.1810	Machine Bolts ( 10 mm dia.)	pc	390.00					
7.2200	12mmØ Sag Rods with Standard Nuts and Washers	pc	288.00					
7.1900	Plain Round Bar 16mmØ x 6m	pc	27.00					
7.2000	Turn Buckle 16 mmØ	pc	24.00					
	Anchor Bolt with Nuts and Washer, 12mmØ x 50mm x 300mm	pc	60.00					
	Anchor Bolt with Nuts and Washer, 10mmØ x 50mm x 150mm	pc	9.00					
7.1100	Steel Plate 1.20m x 2.40m x 6mm thk	pc	4.00					
7.1200	Steel Plate 1.20m x 2.40m x 10mm thk	pc	1.00					
7.3600	Welding Rod	kg	108.00					
13.1100	Primer, Zinc Chromate	gal	8.00					
	<b>Sub-total</b>							
<b>8.0000</b>	<b>Roofing Works</b>							
	<i>Total replacement of roofing sheets and accessories</i>							
8.0100	Removal of Roofing Sheets	sq m	252.00					
8.0200	Removal of Ridge Roll	pc	11.00					
8.0300	Removal of Flashing	pc	14.00					
8.0500	Removal of Fascia Board	pc	36.00					
	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	lm	285.00					
	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	14.00					
	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	11.00					
9.1430	Fascia Board, Fiber Cement 12" x 8'	pc	36.00					
7.1040	L 20 x 20 x 2mm	kg	147.00					
7.1020	L 38 x 38 x 4.5mm	kg	99.00					
	3" Flat head Countersunk screw	pc	558.00					
8.0900	J-Bolt (6mm dia.)	pc	1,590.00					
	Teckscrew 2-¾"	pc	3,106.00					
8.1300	Roof Sealant	L	6.00					
	<b>Sub-total</b>							

<b>9.0000</b>	<b>Carpentry Works</b>							
	<i>Provision of Interior and Exterior Ceiling, louver window, and proper cover of end walls.</i>							
	Provision of end wall louver window or air vent	pc	2.00					
9.0600	Plywood, Marine 1/2" x 4' x 8'	pc	3.00					
	<i>Interior Ceiling</i>	sq.m	168.00					
9.0100	Removal of Ceiling	sq.m	168.00					
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	59.00					
	<i>50 mm x 50 mm Ceiling Joist</i>	bd.ft	342.00					
	<i>50 mm x 75 mm Ceiling Joist</i>	bd.ft	517.00					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	858.00					
9.2100	Finishing Nails	kg	5.00					
4.0400	CWN, Assorted	kg	17.00					
9.2200	Concrete Nails	kg	5.00					
9.1900	Wood Preservative, Brown	L	6.00					
	<i>Exterior Ceiling</i>	sq m	70.00					
9.0100	Removal of Ceiling	sq.m	70.00					
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	24.00					
	<i>50 mm x 50 mm Ceiling Joist</i>	bd.ft	224.00					
	<i>50 mm x 75 mm Ceiling Joist</i>	bd.ft	204.00					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	427.00					
9.2100	Finishing Nails	kg	2.00					
4.0400	CWN, Assorted	kg	9.00					
9.2200	Concrete Nails	kg	2.00					
9.1900	Wood Preservative, Brown	L	3.00					
9.1400	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	8.00					
	Repair of cabinets at concrete sink lavatory	sq. m	4.80					
	<i>Blackboards</i>							
9.1800	S4S Lumber, Kiln Dried, Tanguile	bd.ft	111.00					
9.2000	Lawanit, 1/4" thk	pc	6.00					
9.2100	Finishing Nails	kg	2.00					
4.0400	CWN, Assorted	kg	3.00					
9.2200	Concrete Nails	kg	2.00					
	<b>Sub-total</b>							
<b>10.0000</b>	<b>Electrical Works</b>							
	<i>Total replacement of existing electrical wirings and fixtures.</i>							
	<i>Roughing-ins</i>							



10.0100	Electrical Conduit uPVC, 15mmØ	pc	36.00					
10.0490	RSC 20mmØ	pc	1.00					
10.0800	Entrance Cap 20mm dia.	pc	1.00					
10.1200	Junction Box, 4" x 4" G.I.	pc	12.00					
10.1300	Utility Box, 2" x 4" G.I.	pc	6.00					
10.1400	Grounding Rod, 2.4m x 16mm dia.	pc	1.00					
	<i>Wires &amp; Fixtures</i>							
10.1600	3.5 mm <sup>2</sup> THHN Wire, Stranded	m	345.00					
10.1700	5.5 mm <sup>2</sup> THHN Wire, Stranded	m	10.00					
10.1710	8.0 mm <sup>2</sup> THHN Wire, Stranded	m	10.00					
10.2700	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	6.00					
10.3200	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	3.00					
10.2900	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	set	4.00					
10.3400	2 - 36W, 230V, 60Hz, AC Fluorescent Lighting Fixture, (Box Type) - LED	set	18.00					
10.3500	1 - 36W, 230V, 60Hz, AC Fluorescent Lighting Fixture, (Box Type) - LED	set	3.00					
	LED Bulb 9W with Medium Base Keyless Type Porcelain Receptacle	pc	3.00					
10.3700	Panel Box, Flush Type, 4 Branches	set	1.00					
10.4410	Circuit Breaker, 60A 2P	set	1.00					
10.4100	Circuit Breaker, 20A 2P	set	3.00					
10.4900	Vibrating Bell 8"	set	1.00					
10.5000	Push Button, 10A, 230V	set	1.00					
	Solar Street Light, 20 Watts/equivalent, Automatic Sensor Switch with 3" B.I. Pipe 3" Ø Sch.40 with Pedestal and complete accessories	set	2.00					
	Fire Extinguisher 10 lbs with cabinet and complete accessories ( as Fire Department required)	set	3.00					
10.5400	Wall Fan, 60W, 230V, 60Hz with outlet and accessories	set	6.00					
10.5500	Electrical Tape (Big)	pc	3.00					
	<b>Sub-Total</b>							
<b>11.0000</b>	<b>Plumbing Works</b>							
	Rehabilitation/repair/replacement or provision of accessories (floor drains, grab rails, tissue holder, etc)	units	3.00					

	Repair/replacement of all damages plumbing/water lines including other accessories	l.m	50.00					
	Replacement of all damaged faucets at attached toilet including at concrete sink lavatory	pc	6.00					
	Provision of Pedestal Type Lavatory with faucet and complete fittings	set	3.00					
	Replacement of all water closet with accessories	set	3.00					
	1000 liters Stainless Water Tank with piping and complete accessories	set	1.00					
	Three Chamber Septic Vault	unit	1.00					
11.4500	Mirror	sq.ft	12.00					
	<b>Sub-Total</b>							
<b>13.0000</b>	<b>Painting Works</b>							
	<i>Follow Standard DEPED Color Scheme and use certified lead-safe paints/ coatings</i>							
	<i>Interior and exterior Ceiling</i>	sq.m	357.00					
13.0600	Enamel, Flatwall	gal	18.00					
13.0800	Enamel, Semi Gloss	gal	18.00					
13.0700	Glazing Putty	gal	18.00					
13.0900	Paint Thinner	gal	9.00					
	<i>Doors and others</i>	sq.m	38.70					
13.0600	Enamel, Flatwall	gal	3.00					
13.0800	Enamel, Semi Gloss	gal	3.00					
13.0700	Glazing Putty	gal	3.00					
13.0900	Paint Thinner	gal	2.00					
	<i>Concrete surfaces</i>	sq m	417.00					
13.0100	Neutralizer	gal	21.00					
13.0200	Latex, Flat	gal	42.00					
13.0300	Masonry Putty	gal	17.00					
13.0400	Latex, Semi Gloss	gal	14.00					
13.0500	Acri Color	qrt	9.00					
	<i>Steel Surfaces</i>							
13.1210	Primer, Red Oxide	gal	3.00					
	Enamel, Quick Dry	gal	3.00					
13.0900	Paint Thinner	gal	3.00					
	<b>Sub-Total</b>							
<b>14.0000</b>	<b>Tile Works</b>							
	<i>Provision of wall and floor tiles</i>							
	<i>Wall - color for approval</i>	sq.m	13.68					
14.0710	Glazed Wall Tiles 20cm x 20cm	pc	353.00					
14.1600	Tile Adhesive 25 kg/bag	bag	3.00					
14.1300	Tile Trim 6mm	pc	3.00					

14.1500	Tile Grout 5 kg/bag	bag	2.00					
	Flooring - color for approval	sq.m	4.68					
14.0210	Unglazed Floor Tiles 20cm x 20cm	pc	121.00					
14.1600	Tile Adhesive 25 kg/bag	bag	1.00					
14.1500	Tile Grout 5 kg/bag	bag	1.00					
	<b>Sub-Total</b>							
<b>BUILDING 4: ONE UNIT - ONE CLASSROOM BLSRAP SCHOOL BUILDING 7M X 8M (BUILDING 6) - 1 CL</b>								
<b>6.0000</b>	<b>Doors &amp; Windows</b>							
	<i>Replacement of all doors and windows including Toilet and provision of security grilles</i>							
	Removal of all existing windows and doors	sq.m	27.52					
6.0330	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	2.00					
6.0430	D-3 Flush Door 0.60m x 2.10m on 150mm Wooden Jamb complete with Accessories	sets	1.00					
	W - 1, ( 3.2 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	1.00					
	W - 2, ( 1.95 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	3.00					
	W - 3, ( 1.3 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	1.00					
	W - 4, ( 0.6 x 0.6 m) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	1.00					
6.1500	Security Grilles (WG-4)	sq.ft	6.89					
6.1510	Window Grille (WG - 1)	set	1.00					
6.1520	Window Grille (WG - 2)	set	3.00					

6.1520	Window Grille (WG - 3)	set	1.00					
	<b>Sub-total</b>							
<b>7.0000</b>	<b>Steel Works</b>							
	<i>Replacement of all wooden Trusses and Members into steel Trusses and Members</i>							
	<i>Trusses and Members</i>							
9.0070	Removal of Wooden Truss/ Beams	bd.ft	560.00					
9.0080	Removal of Purlins	bd.ft	331.00					
7.0900	L 50 x 50 x 6mm	kg	1,052.00					
7.0200	2" x 4" x 1.5mm C - purlins	kg	568.00					
7.1010	L 50 x 50 x 2mm	kg	11.00					
7.1810	Machine Bolts ( 10 mm dia. )	pc	130.00					
7.2200	12mmØ Sag Rods with Standard Nuts and Washers	pc	96.00					
7.1900	Plain Round Bar 16mmØ x 6m	pc	9.00					
7.2000	Turn Buckle 16 mmØ	pc	8.00					
	Anchor Bolt with Nuts and Washer, 12mmØ x 50mm x 300mm	pc	20.00					
	Anchor Bolt with Nuts and Washer, 10mmØ x 50mm x 150mm	pc	3.00					
7.1100	Steel Plate 1.20m x 2.40m x 6mm thk	pc	2.00					
7.1200	Steel Plate 1.20m x 2.40m x 10mm thk	pc	1.00					
7.3600	Welding Rod	kg	36.00					
13.1100	Primer, Zinc Chromate	gal	3.00					
	<b>Sub-total</b>							
<b>8.0000</b>	<b>Roofing Works</b>							
	<i>Total replacement of roofing sheets and accessories</i>							
8.0100	Removal of Roofing Sheets	sq m	84.00					
8.0200	Removal of Ridge Roll	pc	4.00					
8.0300	Removal of Flashing	pc	9.00					
8.0500	Removal of Fascia Board	pc	16.00					
	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	lm	95.00					
	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	9.00					
	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	4.00					
9.1430	Fascia Board, Fiber Cement 12" x 8'	pc	16.00					
7.1040	L 20 x 20 x 2mm	kg	49.00					
7.1020	L 38 x 38 x 4.5mm	kg	66.00					
	3" Flat head Countersunk screw	pc	186.00					
8.0900	J-Bolt (6mm dia.)	pc	530.00					

	Teckscrew 2-3/4"	pc	1,034.00					
8.1300	Roof Sealant	L	2.00					
	<b>Sub-total</b>							
<b>9.0000</b>	<b>Carpentry Works</b>							
	<i>Total replacement of all exterior and interior Ceiling including ceiling joist and others</i>							
	Repair / replacement of end wall louver window or air vent	pc	2.00					
	<i>Interior Ceiling</i>	sq.m	56.00					
9.0100	Removal of Ceiling	sq.m	56.00					
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	20.00					
	50 mm x 50 mm Ceiling Joist	bd.ft	114.00					
	50 mm x 75 mm Ceiling Joist	bd.ft	173.00					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	286.00					
9.2100	Finishing Nails	kg	2.00					
4.0400	CWN, Assorted	kg	6.00					
9.2200	Concrete Nails	kg	2.00					
9.1900	Wood Preservative, Brown	L	2.00					
	<i>Exterior Ceiling</i>	sq m	24.00					
9.0100	Removal of Ceiling	sq.m	24.00					
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	8.00					
	50 mm x 50 mm Ceiling Joist	bd.ft	75.00					
	50 mm x 75 mm Ceiling Joist	bd.ft	68.00					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	143.00					
9.2100	Finishing Nails	kg	1.00					
4.0400	CWN, Assorted	kg	3.00					
9.2200	Concrete Nails	kg	1.00					
9.1900	Wood Preservative, Brown	L	1.00					
9.1400	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	4.00					
	Repair of cabinets at concrete sink lavatory	sq. m	1.60					
	<i>Blackboards</i>							
9.1800	S4S Lumber, Kiln Dried, Tanguile	bd.ft	37.00					
9.2000	Lawanit, 1/4" thk	pc	2.00					
9.2100	Finishing Nails	kg	1.00					
4.0400	CWN, Assorted	kg	1.00					
9.2200	Concrete Nails	kg	1.00					
	<b>Sub-total</b>							
<b>10.0000</b>	<b>Electrical Works</b>							
	<i>Total replacement of existing electrical wirings and fixtures.</i>							

	<i>Roughing-ins</i>							
10.0100	Electrical Conduit uPVC, 15mmØ	pc	12.00					
10.0490	RSC 20mmØ	pc	1.00					
10.0800	Entrance Cap 20mm dia.	pc	1.00					
10.1200	Junction Box, 4" x 4" G.I.	pc	4.00					
10.1300	Utility Box, 2" x 4" G.I.	pc	2.00					
10.1400	Grounding Rod, 2.4m x 16mm dia.	pc	1.00					
	<i>Wires &amp; Fixtures</i>							
10.1600	3.5 mm <sup>2</sup> THHN Wire, Stranded	m	115.00					
10.1700	5.5 mm <sup>2</sup> THHN Wire, Stranded	m	10.00					
10.1710	8.0 mm <sup>2</sup> THHN Wire, Stranded	m	10.00					
10.2700	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	2.00					
10.3200	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	1.00					
10.2900	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	set	2.00					
10.3400	2 - 36W, 230V, 60Hz, AC Fluorescent Lighting Fixture, (Box Type) - LED	set	6.00					
10.3500	1 - 36W, 230V, 60Hz, AC Fluorescent Lighting Fixture, (Box Type) - LED	set	1.00					
	LED Bulb 9W with Medium Base Keyless Type Porcelain Receptacle	pc	1.00					
10.3700	Panel Box, Flush Type, 4 Branches	set	1.00					
10.4410	Circuit Breaker, 60A 2P	set	1.00					
10.4100	Circuit Breaker, 20A 2P	set	3.00					
10.4900	Vibrating Bell 8"	set	1.00					
10.5000	Push Button, 10A, 230V	set	1.00					
	Solar Street Light, 20 Watts/equivalent, Automatic Sensor Switch with 3" B.I. Pipe 3" Ø Sch.40 with Pedestal and complete accessories	set	2.00					
	Fire Extinguisher 10 lbs with cabinet and complete accessories ( as Fire Department required)	set	1.00					
10.5400	Wall Fan, 60W, 230V, 60Hz with outlet and accessories	set	2.00					
10.5500	Electrical Tape (Big)	pc	1.00					
	<b>Sub-Total</b>							
<b>11.0000</b>	<b>Plumbing Works</b>							
	Rehabilitation/repair/replacement or provision of accessories (floor drains, grab rails, tissue holder, etc)	unit	1.00					

	Repair/replacement of all damages plumbing/water lines including other accessories	l.m	15.00					
	Replacement of all damaged faucets at attached toilet including at concrete sink lavatory	pc	2.00					
	Provision of Pedestal Type Lavatory with faucet and complete fittings	set	1.00					
	Replacement of all water closet with accessories	set	1.00					
	1000 liters Stainless Water Tank with piping and complete accessories	set	1.00					
	Three Chamber Septic Vault	unit	1.00					
11.4500	Mirror	sq.ft	8.00					
	<b>Sub-Total</b>							
<b>13.0000</b>	<b>Painting Works</b>							
	<i>Follow Standard DEPED Color Scheme and use certified lead-safe paints/ coatings</i>							
	<i>Interior and exterior Ceiling</i>	sq.m	80.00					
13.0600	Enamel, Flatwall	gal	4.00					
13.0800	Enamel, Semi Gloss	gal	4.00					
13.0700	Glazing Putty	gal	4.00					
13.0900	Paint Thinner	gal	2.00					
	<i>Doors and others</i>	sq.m	17.10					
13.0600	Enamel, Flatwall	gal	1.00					
13.0800	Enamel, Semi Gloss	gal	1.00					
13.0700	Glazing Putty	gal	1.00					
13.0900	Paint Thinner	gal	1.00					
	<i>Concrete surfaces</i>	sq m	115.00					
13.0100	Neutralizer	gal	6.00					
13.0200	Latex, Flat	gal	12.00					
13.0300	Masonry Putty	gal	5.00					
13.0400	Latex, Semi Gloss	gal	4.00					
13.0500	Acrylic Color	qrt	3.00					
	<i>Steel Surfaces</i>							
13.1210	Primer, Red Oxide	gal	1.00					
	Enamel, Quick Dry	gal	1.00					
13.0900	Paint Thinner	gal	1.00					
	<b>Sub-Total</b>							
<b>14.0000</b>	<b>Tile Works</b>							
	<i>Wall - color for approval</i>	sq.m	10.56					
14.0710	Glazed Wall Tiles 20cm x 20cm	pc	272.00					
14.1600	Tile Adhesive 25 kg/bag	bag	2.00					
14.1300	Tile Trim 6mm	pc	3.00					
14.1500	Tile Grout 5 kg/bag	bag	1.00					

	Flooring - <i>color for approval</i>	sq.m	1.80					
14.0210	Unglazed Floor Tiles 20cm x 20cm	pc	47.00					
14.1600	Tile Adhesive 25 kg/bag	bag	1.00					
14.1500	Tile Grout 5 kg/bag	bag	1.00					
	<b>Sub-Total</b>							
I	<b>DIRECT COST</b>							<b>0.00</b>
II.	<b>INDIRECT COST 22% of (I - Gen. Req'ts.)</b>							<b>0.00</b>
III	<b>TAX 5% of (I + II)</b>							<b>0.00</b>
IV	<b>TOTAL CONSTRUCTION COST (I + II + III)</b>							<b>0.00</b>

Prepared by:

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Contractor's Representative -



**BLANK PROGRAM OF WORKS  
BILL OF QUANTITIES  
&  
DETAILED ESTIMATES**

**TIGBAHI ELEMENTARY SCHOOL  
CANLAON CITY, NEGROS ORIENTAL**

# CONTRACTOR'S LOGO/ HEADER

## PROGRAM OF WORKS

### BILL OF QUANTITIES

REPAIR 2021 - R VII - Negros Oriental - 005

<b>School:</b> TIGBAHI ELEMENTARY SCHOOL	<b>Date:</b> MAY 24, 2021
<b>School ID:</b> 120217	<b>Budget Allocation:</b> PHP 4,246,688.66
<b>Region:</b> REGION VII - CENTRAL VISAYAS	<b>Engineering and Administrative Overhead:</b>
<b>Division:</b> NEGROS ORIENTAL	<b>Approved Budget for Contract:</b> PHP 4,246,688.66
<b>Project Title:</b>  PROPOSED REPAIR AND REHABILITATION OF SCHOOL BUILDINGS - 6 CLASSROOMS	<b>Completion Period:</b> 120 calendar days
	<b>Minimum Required Manpower:</b> General Foreman      Welder      Carpenter Helper                      Mason      Painter
	<b>Minimum Required Equipment:</b> Hand Tools              Welding Machine One-Bagger Mixer      Bar Cutter
<b>Location:</b> :  CANLAON CITY, NEGROS ORIENTAL	

ITEM NO.	Item Description	% of Total	Unit	Quantity	Total Cost	Remarks
	<b>I. DIRECT COST</b>					<i>with hauling cost</i>
	<b>GENERAL REQUIREMENTS</b>		lot	1.00		
<b>BUILDING 1: ONE UNIT - TWO CLASSROOM TEEP SCHOOL BUILDING 7M X9M WITH ATTACHED TOILET (BUILDING 1)- 2 CL</b>						
1.000	Earthworks		lot	1.00		
2.000	Concreting Works		lot	1.00		
3.000	Rebar Works		lot	1.00		
4.000	Formworks		lot	1.00		
5.000	Masonry Works		lot	1.00		
6.000	Doors & Windows		lot	1.00		
7.000	Steel works		lot	1.00		
8.000	Roofing Works		lot	1.00		
9.000	Carpentry Works		lot	1.00		
10.000	Electrical Works		lot	1.00		
11.000	Plumbing Works		lot	1.00		
13.000	Painting Works		lot	1.00		
14.000	Tile Works		lot	1.00		
<b>BUILDING 2 : ONE UNIT - ONE CLASSROOM DECS SCHOOL BUILDING 7M x 8M (BUILDING 2) - 1 CL</b>						
2.000	Concreting Works		lot	1.00		
3.000	Rebar Works		lot	1.00		
4.000	Formworks		lot	1.00		
5.000	Masonry Works		lot	1.00		
6.000	Doors & Windows		lot	1.00		
7.000	Steel works		lot	1.00		

8.000	Roofing Works		lot	1.00	
9.000	Carpentry Works		lot	1.00	
10.000	Electrical Works		lot	1.00	
11.000	Plumbing Works		lot	1.00	
13.000	Painting Works		lot	1.00	
14.000	Tile Works		lot	1.00	
<b>BUILDING 3 : ONE UNIT - TWO CLASSROOM BLSB TYPE II 6mx8m WITH ATTACHED PERMANENT MAKESHIFT CLASSROOM 6m x 8m (BUILDING 3) - 3CL</b>					
1.000	Earthworks		lot	1.00	
2.000	Concreting Works		lot	1.00	
3.000	Rebar Works		lot	1.00	
4.000	Formworks		lot	1.00	
5.000	Masonry Works		lot	1.00	
6.000	Doors & Windows		lot	1.00	
7.000	Steel works		lot	1.00	
8.000	Roofing Works		lot	1.00	
9.000	Carpentry Works		lot	1.00	
10.000	Electrical Works		lot	1.00	
11.000	Plumbing Works		lot	1.00	
13.000	Painting Works		lot	1.00	
14.000	Tile Works		lot	1.00	
	<b>Sub-Total</b>				
	<b>II. INDIRECT COST 22% of (I - Gen. Req'ts.)</b>				
	Overhead Expenses (8%)				
	Contingencies (3%)				
	Miscellaneous (1%)				
	Contractor's Profit (10%)				
	<b>Sub-Total</b>				
	<b>III. TAX 5% of (I+II)</b>				
	<b>Sub-Total</b>				
	<b>IV. TOTAL CONSTRUCTION COST (I + II + III)</b>	#DIV/0!			0.00

Prepared by:

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Contractor's  
Representative

# CONTRACTOR'S LOGO/ HEADER

## PROGRAM OF WORKS DETAILED COST ESTIMATE

PROJECT : PROPOSED REPAIR AND REHABILITATION OF SCHOOL BUILDINGS - 6 CLASSROOMS  
 SCHOOL : TIGBAHI ELEMENTARY SCHOOL  
 LOCATION : CANLAON CITY, NEGROS ORIENTAL  
 OWNER : DEPARTMENT OF EDUCATION

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
<b>GENERAL REQUIREMENTS</b>								
	Mobilization/Temporary Structures, Utilities and Services/Demobilization	lot	1.00					
	Safety and Health	lot	1.00					
	Project Billboard	lot	1.00					
	Fire Safety Inspection Certificate (FSIC)	lot	1.00					
	Permit Fees and other necessary requirements	lot	1.00					
	Hauling cost	lot	1.00					
	<b>Sub-total</b>							
<b>BUILDING 1: ONE UNIT - TWO CLASSROOM TEEP SCHOOL BUILDING 7M X9M WITH ATTACHED TOILET (BUILDING 1)- 2 CL</b>								
<b>1.0000</b>	<b>Earthworks</b>							
	<i>Repair or replacement of Partition into new CHB partition wall</i>							
1.0200	Structural Excavation	cu.m	4.90					
1.0300	Backfilling and Compaction	cu.m	3.92					
1.0400	Gravel Bedding G-1	cu.m	0.22					
1.0600	Soil Poisoning	sq.m	6.44					
1.0500	Select Fill	cu.m	9.24					
	<b>Sub-total</b>							
<b>2.0000</b>	<b>Concreting Works</b>							
	<i>Repair of classrooms and provision of flooring for CR with rebars @0.4 center to center - make sure to chip properly the existing floor</i>							
	<i>Slab on Grade</i>	cu.m	4.00					
2.0200	Portland Cement	bag	36.00					
2.0300	Crushed Gravel 3/4"	cu.m	4.00					
2.0500	Washed Sand	cu.m	2.00					
3.0500	Deformed Round Bars, Grade 40 (10mm RSB)	kg	115.00					
3.1200	G.I. Tie Wire	kg	4.00					

	<i>Provision of column footing for new CHB wall located at Partition Wall(0.80m x 0.80 x 0.25)</i>							
	<i>Column Footing</i>	cu.m	0.16					
2.0200	Portland Cement	bag	2.00					
2.0300	Crushed Gravel 1"	cu.m	0.25					
2.0500	Washed Sand	cu.m	0.25					
	<i>Provision of walling footing for new CHB wall located at Partition Wall and repair of comfort rooms per room</i>							
	<i>Wall Footing</i>	cu.m	1.61					
2.0200	Portland Cement	bag	15.00					
2.0300	Crushed Gravel 1"	cu.m	1.75					
2.0500	Washed Sand	cu.m	1.00					
	<i>Provision of column for new CHB wall located at Partition Wall (0.3m x 0.3m).</i>							
	<i>Column</i>	cu.m	0.37					
2.0200	Portland Cement	bag	4.00					
2.0300	Crushed Gravel 3/4"	cu.m	0.50					
2.0500	Washed Sand	cu.m	0.25					
	<i>Concrete Beams (0.25m x 0.30m concrete dimension) on new partition</i>	cu.m	0.56					
2.0200	Portland Cement	bag	6.00					
2.0300	Crushed Gravel 3/4"	cu.m	0.75					
2.0500	Washed Sand	cu.m	0.50					
	<i>Repair of canal at Front and left side of the building</i>	cu.m	3.55					
2.0200	Portland Cement	bag	32.00					
2.0300	Crushed Gravel 3/4"	cu.m	3.75					
2.0500	Washed Sand	cu.m	2.00					
	<i>Repair of Handwashing facility area including platform- match existing</i>	cu.m	0.80					
2.0200	Portland Cement	bag	8.00					
2.0300	Crushed Gravel 3/4"	cu.m	1.00					
2.0500	Washed Sand	cu.m	0.50					
	<i>Ramp on Fill (with Ramp Railing)</i>	cu.m	0.54					
2.0200	Portland Cement	bag	5.00					
2.0400	Crushed Gravel 1"	cu.m	0.75					
2.0500	Washed Sand	cu.m	0.50					
5.0400	10mm x 6m RSB	kg	23.28					
3.1200	G.I. Tie Wire	kg	1.00					
7.2610	G.I. Pipe 1-1/2"Ø Sch. 40	pc	6.00					
7.3600	Welding Rod	kg	3.00					
	<b>Sub-total</b>							
<b>3.0000</b>	<b>Rebar Works</b>							
	Column footing using 16mm def bars (5 pcs bothways)	kg	16.64					

	Wall footing using 10mm def bars (3 longitudinal bars with 10 mm def bar ties at 0.20 o.c.)	kg	50.20					
	New column using 4 - 16mm def bars and 10 mm ties (5@50,5@100 & rest 200)	kg	42.06					
	Beam using 4-16mm def bars with 10mm stirrups(5@50,5@100 & rest 200)	kg	71.79					
	Concrete Canal using 10mm def bars at 0.40 m spacing bothways)	kg	136.32					
	Handwashing Sink using 10mm def bars at 0.15 m spacing bothways)	kg	33.20					
	Handwashing platform using 10mm def bars at 0.4 m spacing bothways)	kg	19.22					
3.1200	G.I. Tie Wire	kg	14.78					
	<b>Sub-total</b>							
<b>4.0000</b>	<b>Formworks</b>							
	<i>Formworks</i>							
4.0100	Coco Lumber	bd.ft	194.00					
4.0200	Plywood Ordinary, 1/4" x 4' x 8'	pc	8.00					
4.0400	CWN, Assorted	kg	4.00					
	<b>Sub-total</b>							
<b>5.0000</b>	<b>Masonry Works</b>							
	<i>Conversion of partition into CHB wall for including repair of CR wall, closing of two bays of window located at Comfort Rooms, and repair of existing handwashing facility</i>							
	<i>Masonry Wall</i>	sq.m	83.17					
5.0300	CHB 4" thk	pc	1,040.00					
2.0200	Portland Cement	bag	28.00					
2.0300	Washed Sand	cu.m	4.00					
3.0500	10mm x 6m RSB	kg	111.00					
3.1200	G.I. Tie Wire	kg	3.00					
	Punching hole (0.6m x 0.6m) and demolition of all obstruction at classrooms	sq.m	2.40					
	<i>Plastering including repair of all wall cracks, rough walls and others</i>							
	<i>Plastering</i>	sq.m	166.34					
2.0200	Portland Cement	bag	55.00					
2.0300	Washed Sand	cu.m	6.00					
	<b>Sub-total</b>							
<b>6.0000</b>	<b>Doors &amp; Windows</b>							
	<i>Replacement of all doors and windows including all attached CR into jalouplus type and provision of security grilles(12mm square bar)</i>							

6.0100	Removal of Door with Jamb	set	9.00					
6.0200	Removal of Window with Jamb	sq.m	26.88					
6.0330	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	4.00					
6.0430	D-3 Flush Door 0.60m x 2.10m or match existing on 150mm Wooden Jamb complete with Accessories	set	4.00					
	Cubicle door with complete accessories - match existing	set	1.00					
	Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories - match existing size	set	24.00					
	W - 4, ( 0.6 x 0.6 m) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	4.00					
	Repair of existing door grilles	sq.m	3.78					
	Provide additional door grilles - match existing	sq.ft	17.06					
6.1500	Security Grilles	sq.ft	385.78					
	<b>Sub-total</b>							
<b>7.0000</b>	<b>Steel works</b>							
	<i>Rehabilitation/ repair of Trusses and Purlins</i>							
	Repair of steel trusses and purlins and replacement of all damage	l.m	50.00					
	Provision of Canal Cover using 2" x 2" Angle Bar as support and Deformed Bar (12mm) spaced @ 2" and other accessories	l.m	32.30					
	<b>Sub-total</b>							
<b>8.0000</b>	<b>Roofing Works</b>							
	<i>Total replacement of roofing sheets and accessories including attached comfort rooms</i>							
8.0100	Removal of Roofing Sheets	sq m	247.00					
8.0200	Removal of Ridge Roll	pc	10.00					
8.0300	Removal of Flashing	pc	10.00					
8.0500	Removal of Fascia Board	pc	30.00					
	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	lm	275.00					
	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	10.00					
9.1430	Fascia Board, Fiber Cement 12" x 8'	pc	30.00					
7.1040	L 20 x 20 x 2mm	kg	134.00					
7.1020	L 38 x 38 x 4.5mm	kg	66.00					
	3" Flat head Countersunk screw	pc	510.00					
8.0900	J-Bolt (6mm dia.)	pc	1,488.00					
	Teckscrew 2-3/4"	pc	2,890.00					
8.1300	Roof Sealant	L	5.00					
	<b>Sub-total</b>							
<b>9.0000</b>	<b>Carpentry Works</b>							
	<i>Total Replacement of all exterior and interior Ceiling including ceiling joist and others - convert into Flat ceiling including attached Toilet</i>							
	<i>Interior Ceiling</i>	sq.m	158.00					
9.0100	Removal of Ceiling	sq.m	158.00					
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	55.00					
	50 mm x 50 mm Ceiling Joist	bd.ft	320.00					
	50 mm x 75 mm Ceiling Joist	bd.ft	460.00					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	780.00					
9.2100	Finishing Nails	kg	4.00					
4.0400	CWN, Assorted	kg	15.00					
9.2200	Concrete Nails	kg	4.00					
9.1900	Wood Preservative, Brown	L	5.00					
	<i>Exterior Ceiling</i>	sq m	58.00					
9.0100	Removal of Ceiling	sq.m	58.00					
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	20.00					
	50 mm x 50 mm Ceiling Joist	bd.ft	205.00					
	50 mm x 75 mm Ceiling Joist	bd.ft	128.00					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	333.00					
9.2100	Finishing Nails	kg	2.00					
4.0400	CWN, Assorted	kg	7.00					
9.2200	Concrete Nails	kg	2.00					
9.1900	Wood Preservative, Brown	L	3.00					
9.1400	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	6.00					
	<i>Blackboards (2 sets)</i>							
9.1800	S4S Lumber, Kiln Dried, Tanguile	bd.ft	74.00					
9.2000	Lawanit, 1/4" thk	pc	4.00					
9.2100	Finishing Nails	kg	1.00					
4.0400	CWN, Assorted	kg	2.00					



9.2200	Concrete Nails	kg	1.00					
	<b>Sub-total</b>							
<b>10.0000</b>	<b>Electrical Works</b>							
	<i>Total replacement of existing electrical wirings and fixtures.</i>							
	<i>Roughing-ins</i>							
10.0100	Electrical Conduit uPVC, 15mmØ	pc	48.00					
10.0200	RSC 20mmØ	pc	1.00					
10.0800	Entrance Cap 20mm dia.	pc	1.00					
10.1200	Junction Box, 4" x 4" G.I.	pc	12.00					
10.1300	Utility Box, 2" x 4" G.I.	pc	8.00					
10.1400	Grounding Rod, 2.4m x 16mm dia.	pc	1.00					
	<i>Wires &amp; Fixtures</i>							
10.1600	3.5 mm <sup>2</sup> THHN Wire, Stranded	m	432.00					
10.1700	5.5 mm <sup>2</sup> THHN Wire, Stranded	m	10.00					
10.1710	8.0 mm <sup>2</sup> THHN Wire, Stranded	m	10.00					
10.2700	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	4.00					
10.3200	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	2.00					
10.2900	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	pc	5.00					
10.3400	2 - 36W, 230V, 60Hz, AC Fluorescent Lighting Fixture, (Box Type) - LED	set	12.00					
10.3500	1 - 36W, 230V, 60Hz, AC Fluorescent Lighting Fixture, (Box Type) - LED	set	2.00					
	LED Bulb 9W with Medium Base Keyless Type Porcelain Receptacle	pc	4.00					
10.3700	Panel Box, Flush Type, 4 Branches	set	1.00					
10.4410	Circuit Breaker, 60A 2P	set	1.00					
10.4100	Circuit Breaker, 20A 2P	set	3.00					
10.5100	Fire Alarm Bell, Vibrating Type	set	1.00					
10.5000	Push Button, 10A, 230V	set	1.00					
10.5400	Wall Fan, 60W, 230V, 60Hz with outlet and accessories	set	4.00					
10.5500	Electrical Tape (BIG)	pc	2.00					
	Fire Extinguisher 10lbs with cabinet and complete accessories (as Fire Department required)	set	2.00					
	<b>Sub-Total</b>							
<b>11.0000</b>	<b>Plumbing Works</b>							
	Rehabilitation/ repair/ replacement or provision of accessories (floor drains, grab rails, tissue holder, etc.)	units	4.00					

	Repair/replacement of all damages plumbing/water lines including other accessories	l.m	50.00					
	Replacement all damaged faucets at attached toilet including at handwashing area	pc	14.00					
	Provision of Pedestal Type Lavatory with faucet and complete fittings	set	3.00					
	Replacement of all water closet with Accessories	set	4.00					
	<b>Sub-Total</b>							
<b>13.0000</b>	<b>Painting Works</b>							
	<i>Follow Standard DEPED Color Scheme and use certified lead-safe paints/ coatings</i>							
	<i>Wood Surfaces</i>	sq.m	240.33					
13.0600	Enamel, Flatwall	gal	13.00					
13.0800	Enamel, Semi Gloss	gal	13.00					
13.0700	Glazing Putty	gal	13.00					
13.0900	Paint Thinner	gal	7.00					
	<i>Concrete surfaces</i>	sq m	345.15					
13.0100	Neutralizer	gal	18.00					
13.0200	Latex, Flat	gal	35.00					
13.0300	Masonry Putty	gal	14.00					
13.0400	Latex, Semi Gloss	gal	12.00					
13.0500	Acri Color	qrt	8.00					
	<i>Steel Surfaces</i>							
13.1210	Primer, Red Oxide	gal	3.00					
	Enamel, Quick Dry	gal	3.00					
13.0900	Paint Thinner	gal	3.00					
	<b>Sub-Total</b>							
<b>14.0000</b>	<b>Tile Works</b>							
	<i>Replacement of all wall tiles and floor tiles at comfort rooms and handwashing area</i>							
	<i>Wall(color for approval)</i>	sq.m	34.32					
14.0710	Glazed Wall Tiles 20cm x 20cm	pc	884.00					
14.1600	Tile Adhesive 25 kg/bag	bag	7.00					
14.1300	Tile Trim 6mm	pc	15.00					
14.1500	Tile Grout 5 kg/bag	bag	3.00					
	<i>Flooring(color for approval)</i>	sq.m	19.04					
14.0210	Unglazed Floor Tiles 20cm x 20cm	pc	491.00					
14.1600	Tile Adhesive 25 kg/bag	bag	4.00					
14.1500	Tile Grout 5 kg/bag	bag	2.00					
	<b>Sub-Total</b>							
<b>BUILDING 2 : ONE UNIT - ONE CLASSROOM DECS SCHOOL BUILDING 7M x 8M (BUILDING 2) - 1 CL</b>								
<b>2.0000</b>	<b>Concreting Works</b>							

	<i>Reflooring / overlaying 4" thk of classrooms and corridor with rebars @0.4 center to center - make sure to remove the existing floor including Comfort Room</i>							
	<i>Slab on Grade</i>	cu.m	7.00					
2.0200	Portland Cement	bag	63.00					
2.0300	Crushed Gravel 3/4"	cu.m	7.00					
2.0500	Washed Sand	cu.m	3.50					
3.0500	Deformed Round Bars, Grade 40 (10mm RSB)	kg	60.00					
3.1200	G.I. Tie Wire	kg	4.00					
	<i>Repair of canal at Front of the building</i>	cu.m	1.16					
2.0200	Portland Cement	bag	11.00					
2.0300	Crushed Gravel 3/4"	cu.m	1.25					
2.0500	Washed Sand	cu.m	0.75					
	<i>Repair of existing comfort room</i>							
	<i>Wall Footing</i>	cu.m	0.78					
2.0200	Portland Cement	bag	8.00					
2.0300	Crushed Gravel 1"	cu.m	1.00					
2.0500	Washed Sand	cu.m	0.50					
	<i>Retrofit existing Concrete roof Beams</i>	cu.m	0.56					
2.0200	Portland Cement	bag	6.00					
2.0300	Crushed Gravel 3/4"	cu.m	0.75					
2.0500	Washed Sand	cu.m	0.50					
	<i>Ramp on Fill (with Ramp Railing)</i>	cu.m	0.54					
2.0200	Portland Cement	bag	5.00					
2.0400	Crushed Gravel 1"	cu.m	0.75					
2.0500	Washed Sand	cu.m	0.50					
5.0400	10mm x 6m RSB	kg	23.28					
3.1200	G.I. Tie Wire	kg	1.00					
7.2610	G.I. Pipe 1-½"Ø Sch. 40	pc	6.00					
7.3600	Welding Rod	kg	3.00					
	<b>Sub-total</b>							
<b>3.0000</b>	<b>Rebar Works</b>							
	Wall footing using 10mm def bars (3 longitudinal bars with 10 mm def bar ties at 0.20 o.c.)	kg	12.94					
	Concrete Canal using 10mm def bars at 0.40 m spacing bothways)	kg	44.84					
3.1200	G.I. Tie Wire	kg	2.31					
	<b>Sub-total</b>							
<b>4.0000</b>	<b>Formworks</b>							
	<i>Formworks</i>							
4.0100	Coco Lumber	bd.ft	48.50					
4.0200	Plywood Ordinary, 1/4" x 4' x 8'	pc	2.00					
4.0400	CWN, Assorted	kg	1.00					
	<b>Sub-total</b>							

5.0000	Masonry Works							
	<i>Repair of attached Comfort room and closing of 2 bays window located near at CR and at area of additional maindoor including main walls</i>							
	Masonry Wall	sq.m	34.35					
5.0300	CHB 4" thk	pc	430.00					
2.0200	Portland Cement	bag	12.00					
2.0300	Washed Sand	cu.m	2.00					
3.0500	10mm x 6m RSB	kg	46.00					
3.1200	G.I. Tie Wire	kg	1.00					
	Punching hole (0.6m x 0.6m)	sq.m	0.36					
	<i>Plastering including repair of all wall cracks, rough walls and others</i>							
	Plastering	sq.m	70.69					
2.0200	Portland Cement	bag	24.00					
2.0300	Washed Sand	cu.m	3.00					
	<b>Sub-total</b>							
6.0000	Doors & Windows							
	<i>Replacement of all doors and windows including toilet door and jambs with additional 1 main door and provision of security grilles</i>							
6.0100	Removal of Door with Jamb	set	2.00					
6.0200	Removal of Window with Jamb	sq.m	14.56					
6.0330	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	2.00					
6.0430	D-3 Flush Door 0.60m x 2.10m on 150mm Wooden Jamb complete with Accessories	sets	1.00					
	W - 1, ( 2.6 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	1.00					
	W - 4, ( 0.6 x 0.6 m) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	1.00					
	W - 2, ( 1.3 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	3.00					

6.1500	Security Grilles (WG-4)	sq.ft	6.89					
6.1510	Window Grille (WG - 1)	set	1.00					
6.1520	Window Grille (WG - 2)	set	3.00					
	<b>Sub-total</b>							
<b>7.0000</b>	<b>Steel works</b>							
	<i>Replacement of all wooden Trusses and Members into steel Trusses and Members</i>							
	<i>Trusses and Members</i>							
9.0070	Removal of Wooden Truss/ Beams	bd.ft	560.00					
9.0080	Removal of Purlins	bd.ft	331.00					
7.0900	L 50 x 50 x 6mm	kg	1,052.00					
7.0200	2" x 4" x 1.5mm C - purlins	kg	568.00					
7.1010	L 50 x 50 x 2mm	kg	11.00					
7.1810	Machine Bolts ( 10 mm dia. )	pc	130.00					
7.2200	12mmØ Sag Rods with Standard Nuts and Washers	pc	96.00					
7.1900	Plain Round Bar 16mmØ x 6m	pc	9.00					
7.2000	Turn Buckle 16 mmØ	pc	8.00					
	Anchor Bolt with Nuts and Washer, 12mmØ x 50mm x 300mm	pc	20.00					
	Anchor Bolt with Nuts and Washer, 10mmØ x 50mm x 150mm	pc	3.00					
7.1100	Steel Plate 1.20m x 2.40m x 6mm thk	pc	2.00					
7.1200	Steel Plate 1.20m x 2.40m x 10mm thk	pc	1.00					
7.3600	Welding Rod	kg	36.00					
13.1100	Primer, Zinc Chromate	gal	3.00					
	Provision of Canal Cover using 2" x 2" Angle Bar as support and Deformed Bar (12mm) spaced @ 2" and other accessories	l.m	10.50					
	<b>Sub-total</b>							
<b>8.0000</b>	<b>Roofing Works</b>							
	<i>Total replacement of roofing sheets and accessories</i>							
8.0100	Removal of Roofing Sheets	sq m	84.00					
8.0200	Removal of Ridge Roll	pc	4.00					
8.0300	Removal of Flashing	pc	9.00					
8.0500	Removal of Fascia Board	pc	16.00					
	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	lm	95.00					
	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	9.00					
	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	4.00					
9.1430	Fascia Board, Fiber Cement 12" x 8'	pc	16.00					
7.1040	L 20 x 20 x 2mm	kg	49.00					

7.1020	L 38 x 38 x 4.5mm	kg	66.00					
	3" Flat head Countersunk screw	pc	186.00					
8.0900	J-Bolt (6mm dia.)	pc	530.00					
	Teckscrew 2-3/4"	pc	1,034.00					
8.1300	Roof Sealant	L	2.00					
	<b>Sub-total</b>							
<b>9.0000</b>	<b>Carpentry Works</b>							
	<i>Total replacement of all exterior and interior Ceiling including ceiling joist and others</i>							
	Repair / replacement of end wall louver window or air vent	pc	2.00					
	<i>Interior Ceiling</i>	sq.m	60.00					
9.0100	Removal of Ceiling	sq.m	60.00					
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	21.00					
	50 mm x 50 mm Ceiling Joist	bd.ft	121.00					
	50 mm x 75 mm Ceiling Joist	bd.ft	183.00					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	304.00					
9.2100	Finishing Nails	kg	2.00					
4.0400	CWN, Assorted	kg	6.00					
9.2200	Concrete Nails	kg	2.00					
9.1900	Wood Preservative, Brown	L	3.00					
	<i>Exterior Ceiling</i>	sq m	24.00					
9.0100	Removal of Ceiling	sq.m	24.00					
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	8.00					
	50 mm x 50 mm Ceiling Joist	bd.ft	75.00					
	50 mm x 75 mm Ceiling Joist	bd.ft	68.00					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	143.00					
9.2100	Finishing Nails	kg	1.00					
4.0400	CWN, Assorted	kg	3.00					
9.2200	Concrete Nails	kg	1.00					
9.1900	Wood Preservative, Brown	L	1.00					
9.1400	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	2.00					
	<i>Blackboards (1 set)</i>							
9.1800	S4S Lumber, Kiln Dried, Tanguile	bd.ft	37.00					
9.2000	Lawanit, 1/4" thk	pc	2.00					
9.2100	Finishing Nails	kg	1.00					
4.0400	CWN, Assorted	kg	1.00					
9.2200	Concrete Nails	kg	1.00					
	<b>Sub-total</b>							
<b>10.0000</b>	<b>Electrical Works</b>							

	<i>Total replacement of existing electrical wirings and fixtures.</i>							
	<i>Roughing-ins</i>							
10.0100	Electrical Conduit uPVC, 15mmØ	pc	48.00					
10.0200	RSC 20mmØ	pc	1.00					
10.0800	Entrance Cap 20mm dia.	pc	1.00					
10.1200	Junction Box, 4" x 4" G.I.	pc	12.00					
10.1300	Utility Box, 2" x 4" G.I.	pc	8.00					
10.1400	Grounding Rod, 2.4m x 16mm dia.	pc	1.00					
	<i>Wires &amp; Fixtures</i>							
10.1600	3.5 mm <sup>2</sup> THHN Wire, Stranded	m	115.00					
10.1700	5.5 mm <sup>2</sup> THHN Wire, Stranded	m	10.00					
10.1710	8.0 mm <sup>2</sup> THHN Wire, Stranded	m	10.00					
10.2700	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	2.00					
10.3200	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	1.00					
10.2900	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	pc	2.00					
10.3400	2 - 36W, 230V, 60Hz, AC Fluorescent Lighting Fixture, (Box Type) - LED	set	6.00					
10.3500	1 - 36W, 230V, 60Hz, AC Fluorescent Lighting Fixture, (Box Type) - LED	set	1.00					
	LED Bulb 9W with Medium Base Keyless Type Porcelain Receptacle	pc	1.00					
10.3700	Panel Box, Flush Type, 4 Branches	set	1.00					
10.4410	Circuit Breaker, 60A 2P	set	1.00					
10.4100	Circuit Breaker, 20A 2P	set	3.00					
10.5100	Fire Alarm Bell, Vibrating Type	set	1.00					
10.5000	Push Button, 10A, 230V	set	1.00					
10.5400	Wall Fan, 60W, 230V, 60Hz with outlet and accessories	set	2.00					
10.5500	Electrical Tape (BIG)	pc	1.00					
	Fire Extinguisher 10lbs with cabinet and complete accessories (as Fire Department required)	set	1.00					
	<b>Sub-Total</b>							
<b>11.0000</b>	<b>Plumbing Works</b>							
	Rehabilitation/ repair/ replacement or provision of accessories (floor drains, grab rails, tissue holder, etc.)	units	1.00					
	Repair/replacement of all damages plumbing/water lines including other accessories	l.m	20.00					
	Replacement of faucet	pc	1.00					

	Provision of Pedestal Type Lavatory with faucet and complete fittings	set	1.00					
	Replacement of all water closet with Accessories	set	1.00					
	<b>Sub-Total</b>							
<b>13.0000</b>	<b>Painting Works</b>							
	<i>Follow Standard DEPED Color Scheme and use certified lead-safe paints/ coatings</i>							
	<i>Interior and exterior Ceiling</i>	sq.m	84.00					
13.0600	Enamel, Flatwall	gal	5.00					
13.0800	Enamel, Semi Gloss	gal	5.00					
13.0700	Glazing Putty	gal	5.00					
13.0900	Paint Thinner	gal	3.00					
	<i>Doors and others</i>	sq.m	17.10					
13.0600	Enamel, Flatwall	gal	1.00					
13.0800	Enamel, Semi Gloss	gal	1.00					
13.0700	Glazing Putty	gal	1.00					
13.0900	Paint Thinner	gal	1.00					
	<i>Concrete surfaces</i>	sq m	185.69					
13.0100	Neutralizer	gal	10.00					
13.0200	Latex, Flat	gal	19.00					
13.0300	Masonry Putty	gal	8.00					
13.0400	Latex, Semi Gloss	gal	7.00					
13.0500	Acri Color	qrt	5.00					
	<i>Steel Surfaces</i>							
13.1210	Primer, Red Oxide	gal	1.00					
	Enamel, Quick Dry	gal	1.00					
13.0900	Paint Thinner	gal	1.00					
	<b>Sub-Total</b>							
<b>14.0000</b>	<b>Tile Works</b>							
	<i>Wall(color for approval)</i>	sq.m	5.76					
14.0710	Glazed Wall Tiles 20cm x 20cm	pc	149.00					
14.1600	Tile Adhesive 25 kg/bag	bag	2.00					
14.1300	Tile Trim 6mm	pc	4.00					
14.1500	Tile Grout 5 kg/bag	bag	1.00					
	<i>Flooring(color for approval)</i>	sq.m	1.80					
14.0210	Unglazed Floor Tiles 20cm x 20cm	pc	47.00					
14.1600	Tile Adhesive 25 kg/bag	bag	1.00					
14.1500	Tile Grout 5 kg/bag	bag	1.00					
	<b>Sub-Total</b>							
<b>BUILDING 3 : ONE UNIT - TWO CLASSROOM BLSB TYPE II 6mx8m WITH ATTACHED PERMANENT MAKESHIFT CLASSROOM 6m x 8m (BUILDING 3) - 3CL</b>								
<b>1.0000</b>	<b>Earthworks</b>							
	<i>Repair or replacement of Partition into new CHB partition wall</i>							



1.0200	Structural Excavation	cu.m	4.30					
1.0300	Backfilling and Compaction	cu.m	3.44					
1.0400	Gravel Bedding G-1	cu.m	0.22					
1.0600	Soil Poisoning	sq.m	8.08					
1.0500	Select Fill	cu.m	3.04					
	<b>Sub-total</b>							
<b>2.0000</b>	<b>Concreting Works</b>							
	<i>Retrofit existing column and remove wooden post and extend existing concrete pedestal with provide 4-16mm dia. Reinforcement</i>							
	<i>Column</i>	cu.m	3.20					
2.0200	Portland Cement	bag	29.00					
2.0300	Crushed Gravel 3/4"	cu.m	3.25					
2.0500	Washed Sand	cu.m	1.75					
	<i>Provision of concrete beam(0.25x0.30m) at partition and makeshift</i>							
	<i>Concrete Beams</i>	cu.m	2.34					
2.0200	Portland Cement	bag	22.00					
2.0300	Crushed Gravel 1"	cu.m	2.50					
2.0500	Washed Sand	cu.m	1.25					
	<i>Provision of new concrete column footing on new CHB partition wall (0.25x0.80x0.80m) include soil poisoning</i>							
	<i>Concrete column footing on new column</i>	cu.m	0.16					
2.0200	Portland Cement	bag	2.00					
2.0300	Crushed Gravel 3/4"	cu.m	0.25					
2.0500	Washed Sand	cu.m	0.25					
	<i>Provision of new concrete wall footing on new CHB partition wall (0.25x0.40m)</i>							
	<i>Concrete wall footing</i>	cu.m	2.77					
2.0200	Portland Cement	bag	25.00					
2.0300	Crushed Gravel 3/4"	cu.m	3.00					
2.0500	Washed Sand	cu.m	1.50					
	<i>Provision of new concrete columns on partition walls (0.30m x 0.30m concrete dimension) and continuation of column at middle column at end wall(makeshift)</i>							
	<i>new concrete columns (0.30m x 0.30m concrete dimension)</i>	cu.m	0.29					
2.0200	Portland Cement	bag	3.00					
2.0300	Crushed Gravel 3/4"	cu.m	0.50					
2.0500	Washed Sand	cu.m	0.25					
	<i>Repair of canal at Front and right of the building</i>	cu.m	3.08					
2.0200	Portland Cement	bag	28.00					

2.0300	Crushed Gravel 3/4"	cu.m	3.25					
2.0500	Washed Sand	cu.m	1.75					
	<i>Reflooring 4" thk of classrooms and corridor with rebars @0.4 center to center - make sure to remove the existing floor including Comfort Room</i>							
	<i>Slab on Grade</i>	cu.m	18.00					
2.0200	Portland Cement	bag	162.00					
2.0300	Crushed Gravel 3/4"	cu.m	18.00					
2.0500	Washed Sand	cu.m	9.00					
3.0500	Deformed Round Bars, Grade 40 (10mm RSB)	kg	151.00					
3.1200	G.I. Tie Wire	kg	4.00					
	<i>Ramp on Fill (with Ramp Railing)</i>	cu.m	0.54					
2.0200	Portland Cement	bag	5.00					
2.0400	Crushed Gravel 1"	cu.m	0.75					
2.0500	Washed Sand	cu.m	0.50					
5.0400	10mm x 6m RSB	kg	23.28					
3.1200	G.I. Tie Wire	kg	1.00					
7.2610	G.I. Pipe 1-1/2" Ø Sch. 40	pc	6.00					
7.3600	Welding Rod	kg	3.00					
	<b>Sub-total</b>							
<b>3.0000</b>	<b>Rebar Works</b>							
	<i>Reinforcing deformed bars for new columns, column footings, wall footings and continuation of wall and others</i>							
3.0600	Column footing using 16mm def bars (5 pcs bothways)	kg	12.64					
3.0500	Wall footing using 10mm def bars (2 longitudinal bars with 10 mm def bar ties at 0.20 o.c.)	kg	40.66					
3.0600	New column on partition walls using 4-16mm def bars with 10mm ties(5@50,5@100 & rest 200)	kg	232.76					
	Beam using 16mm def bars with 10mm stirrups(5@50,5@100 & rest 200)	kg	77.44					
	Concrete Canal using 10mm def bars at 0.40 m spacing bothways)	kg	117.10					
3.1200	G.I. Tie Wire	kg	19.22					
	<b>Sub-total</b>							
<b>4.0000</b>	<b>Formworks</b>							
	<i>Formworks for new columns, columns on pedestal and roof beams</i>							
	<i>New columns and roof beams</i>							
4.0100	Coco Lumber	bd.ft	194.00					
4.0200	Plywood Ordinary, 1/4" x 4' x 8'	pc	8.00					
4.0400	CWN, Assorted	kg	4.00					

	<b>Sub-total</b>							
<b>5.0000</b>	<b>Masonry Works</b>							
	<i>Conversion of partition into CHB partition wall, closing of 2 bay of windows, continuation of masonry wall of toilet and other incomplete wall</i>							
	<i>Masonry Wall</i>	sq.m	57.23					
5.0300	CHB 4" thk	pc	716.00					
2.0200	Portland Cement	bag	19.00					
2.0500	Washed Sand	cu.m	3.00					
3.0500	10mm x 6m RSB	kg	76.00					
3.1200	G.I. Tie Wire	kg	2.00					
	<i>Demolition of all obstruction at Classrooms</i>	sq.m	2.16					
	<i>Provision of plastering on new walls, unplastered wall including all CRs, repair of cracks and smoothen all rough walls</i>							
	<i>Plastering</i>	sq.m	138.45					
2.0200	Portland Cement	bag	46.00					
2.0500	Washed Sand	cu.m	5.00					
	<b>Sub-total</b>							
<b>6.0000</b>	<b>Doors &amp; Windows</b>							
6.0100	Removal of Door with Jamb	set	6.00					
6.0200	Removal of Window with Jamb	sq.m	25.00					
	<i>Provision of 2 doors per room</i>							
6.0330	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob) and punch of hole for new door	set	6.00					
	<i>Replacement of toilet doors</i>							
6.0430	D-3, Flush Door 0.60m x 2.10m or match existing with complete accessories	set	3.00					
	<i>Provision of new windows and security grilles (use 12mm square bar)</i>							
	W - 1, ( 2.6 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	3.00					
	W - 4, ( 0.6 x 0.6 m) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	3.00					

	W - 3, ( 1.8 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	3.00					
6.1500	Security Grilles	sq.ft	225.18					
	<b>Sub-total</b>							
<b>7.0000</b>	<b>Steel works</b>							
	<i>Replacement of all wooden Trusses and Members into steel Trusses and Members</i>							
	<i>Trusses and Members</i>							
9.0070	Removal of Wooden Truss/ Beams	bd.ft	945.00					
9.0080	Removal of Purlins	bd.ft	672.00					
7.0900	L 50 x 50 x 6mm	kg	1,440.00					
7.0200	2" x 4" x 1.5mm C - purlins	kg	1,376.00					
7.1010	L 50 x 50 x 2mm	kg	33.00					
7.1810	Machine Bolts ( 10 mm dia. )	pc	390.00					
7.2200	12mmØ Sag Rods with Standard Nuts and Washers	pc	144.00					
7.1900	Plain Round Bar 16mmØ x 6m	pc	24.00					
7.2000	Turn Buckle 16 mmØ	pc	24.00					
	Anchor Bolt with Nuts and Washer, 12mmØ x 50mm x 300mm	pc	60.00					
7.1100	Steel Plate 1.20m x 2.40m x 6mm thk	pc	3.00					
7.1200	Steel Plate 1.20m x 2.40m x 10mm thk	pc	1.00					
7.3600	Welding Rod	pc	63.00					
13.1100	Primer, Zinc Chromate	kg	8.00					
	Provision of Canal Cover using 2" x 2" Angle Bar as support and Deformed Bar (12mm) spaced @ 2" and other accessories	l.m	28.00					
	<b>Sub-total</b>							
<b>8.0000</b>	<b>Roofing Works</b>							
	<i>Total replacement of roofing sheets and accessories</i>							
8.0100	Removal of Roofing Sheets	sq m	207.00					
8.0200	Removal of Ridge Roll	pc	9.00					
8.0300	Removal of Flashing	pc	9.00					
	Removal of Fascia Board	pc	30.00					
	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	lm	234.00					
	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	9.00					
9.1430	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	9.00					
7.1040	Fascia Board, Fiber Cement 12" x 8'	pc	30.00					

7.1020	L 20 x 20 x 2mm	kg	129.00					
	L 38 x 38 x 4.5mm	kg	66.00					
8.0900	3" Flat head Countersunk screw	pc	498.00					
	J-Bolt (6mm dia.)	pc	1,260.00					
8.1300	Teckscrew 2-3/4"	pc	2,514.00					
	Roof Sealant	L	6.00					
	<b>Sub-total</b>							
<b>9.0000</b>	<b>Carpentry Works</b>							
	<i>Total Replacement of all exterior and interior Ceiling including ceiling joist and others</i>							
	<i>Interior Ceiling</i>	sq.m	150.00					
9.0100	Removal of Ceiling	sq.m	150.00					
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	54.00					
	50 mm x 50 mm Ceiling Joist	bd.ft	301.00					
	50 mm x 75 mm Ceiling Joist	bd.ft	461.00					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	761.00					
9.2100	Finishing Nails	kg	4.00					
4.0400	CWN, Assorted	kg	15.00					
9.2200	Concrete Nails	kg	4.00					
9.1900	Wood Preservative, Brown	L	5.00					
	<i>Exterior Ceiling</i>	sq m	61.00					
9.0100	Removal of Ceiling	sq.m	61.00					
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	21.00					
	50 mm x 50 mm Ceiling Joist	bd.ft	187.00					
	50 mm x 75 mm Ceiling Joist	bd.ft	179.00					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	366.00					
9.2100	Finishing Nails	kg	2.00					
4.0400	CWN, Assorted	kg	8.00					
9.2200	Concrete Nails	kg	2.00					
9.1900	Wood Preservative, Brown	L	3.00					
9.1400	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	6.00					
	<i>Blackboards (3 sets)</i>							
9.1800	S4S Lumber, Kiln Dried, Tanguile	bd.ft	111.00					
9.2000	Lawanit, 1/4" thk	pc	6.00					
9.2100	Finishing Nails	kg	2.00					
4.0400	CWN, Assorted	kg	3.00					
9.2200	Concrete Nails	kg	2.00					
	<b>Sub-total</b>							
<b>10.0000</b>	<b>Electrical Works</b>							

	<i>Total replacement of existing electrical wirings and fixtures including provision on Comfort rooms</i>							
	<i>Roughing-ins</i>							
10.0100	Electrical Conduit uPVC, 15mmØ	pc	36.00					
10.0200	RSC 20mmØ	pc	1.00					
10.0800	Entrance Cap 20mm dia.	pc	1.00					
10.1200	Junction Box, 4" x 4" G.I.	pc	12.00					
10.1300	Utility Box, 2" x 4" G.I.	pc	6.00					
10.1400	Grounding Rod, 2.4m x 16mm dia.	pc	1.00					
	<i>Wires &amp; Fixtures</i>							
10.1600	3.5 mm <sup>2</sup> THHN Wire, Stranded	m	349.00					
10.1700	5.5 mm <sup>2</sup> THHN Wire, Stranded	m	10.00					
10.1710	8.0 mm <sup>2</sup> THHN Wire, Stranded	m	10.00					
10.2700	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	6.00					
10.3200	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	3.00					
10.2900	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	pc	3.00					
10.3400	2 - 36W, 230V, 60Hz, AC Fluorescent Lighting Fixture, (Box Type) - LED	set	12.00					
10.3500	1 - 36W, 230V, 60Hz, AC Fluorescent Lighting Fixture, (Box Type) - LED	set	3.00					
	LED Bulb 9W with Medium Base Keyless Type Porcelain Receptacle	pc	3.00					
10.3700	Panel Box, Flush Type, 4 Branches	set	1.00					
10.4410	Circuit Breaker, 60A 2P	set	1.00					
10.4100	Circuit Breaker, 20A 2P	set	3.00					
10.5100	Fire Alarm Bell, Vibrating Type	set	1.00					
10.5000	Push Button, 10A, 230V	set	1.00					
10.5400	Wall Fan, 60W, 230V, 60Hz with outlet and accessories	set	4.00					
10.5500	Electrical Tape (BIG)	pc	4.00					
	Fire Extinguisher 10lbs with cabinet and complete accessories (as Fire Department required)	set	3.00					
	<b>Sub-Total</b>							
<b>11.0000</b>	<b>Plumbing Works</b>							
	Rehabilitation/ repair/ replacement or provision of accessories (floor drains, grab rails, tissue holder, etc.)	units	3.00					
	Repair/replacement of all damages plumbing/water lines including other accessories	l.m	60.00					

	Replacement of faucet	pc	3.00					
	Provision of Pedestal Type Lavatory with faucet and complete fittings	set	3.00					
	Replacement of all water closet with Accessories	set	3.00					
	1000 liters Stainless Water Tank with piping and complete Accessories	set	1.00					
12.0110	Three Chamber Septic Vault	unit	1.00					
	<b>Sub-Total</b>							
<b>13.0000</b>	<b>Painting Works</b>							
	<i>Follow Standard DEPED Color Scheme and use certified lead-safe paints/ coatings</i>							
	Concrete surfaces	sq.m	308.00					
13.0100	Neutralizer	gal	5.00					
13.0200	Latex, Flat	gal	14.00					
13.0300	Masonry Putty	gal	12.00					
13.0400	Latex, Semi Gloss	gal	14.00					
13.0500	Acri Color	qrt	5.00					
	Interior Ceiling	sq.m	144.00					
13.0600	Enamel, Flatwall	gal	8.00					
13.0800	Enamel, Semi Gloss	gal	15.00					
13.0700	Glazing Putty	gal	8.00					
13.0900	Paint Thinner	gal	6.00					
	Exterior Ceiling	sq.m	61.00					
13.0600	Enamel, Flatwall	gal	5.00					
13.0800	Enamel, Semi Gloss	gal	8.00					
13.0700	Glazing Putty	gal	4.00					
13.0900	Paint Thinner	gal	3.00					
	Doors and others	sq.m	74.00					
13.0600	Enamel, Flatwall	gal	5.00					
13.0700	Glazing Putty	gal	5.00					
13.0800	Enamel, Semi Gloss	gal	8.00					
13.0900	Paint Thinner	gal	3.00					
	<i>Steel surfaces</i>							
13.1210	Primer, Red Oxide	gal	4.00					
	Enamel, Quick Dry	gal	4.00					
13.0900	Paint Thinner	gal	4.00					
	<b>Sub-Total</b>							
<b>14.0000</b>	<b>Tile Works</b>							
	Wall( <i>color for approval</i> )	sq.m	16.56					
14.0710	Glazed Wall Tiles 20cm x 20cm	pc	427.00					
14.1600	Tile Adhesive 25 kg/bag	bag	3.00					
14.1300	Tile Trim 6mm	pc	6.00					
14.1500	Tile Grout 5 kg/bag	bag	2.00					
	Flooring( <i>color for approval</i> )	sq.m	5.07					
14.0210	Unglazed Floor Tiles 20cm x 20cm	pc	131.00					

14.1600	Tile Adhesive 25 kg/bag	bag	1.00					
14.1500	Tile Grout 5 kg/bag	bag	1.00					
	<b>Sub-Total</b>							
I	<b>DIRECT COST</b>							<b>0.00</b>
II.	<b>INDIRECT COST 22% of (I - Gen. Req'ts.)</b>							<b>0.00</b>
III	<b>TAX 5% of (I + II)</b>							<b>0.00</b>
IV	<b>TOTAL CONSTRUCTION COST (I + II + III)</b>							<b>0.00</b>

Prepared by:

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Contractor's Representative



**BLANK PROGRAM OF WORKS  
BILL OF QUANTITIES  
&  
DETAILED ESTIMATES**

**VILLA IOWA ELEMENTARY SCHOOL  
CANLAON CITY, NEGROS ORIENTAL**

# CONTRACTOR'S LOGO/ HEADER

## PROGRAM OF WORKS BILL OF QUANTITIES

**REPAIR 2021 - R VII - Negros Oriental - 006**

<b>School :</b> VILLA IOWA ELEMENTARY SCHOOL	<b>Date:</b> MAY 24, 2021
<b>School ID:</b> 120219	<b>Budget Allocation:</b> PHP 5,165,453.02
<b>Region:</b> REGION VII - CENTRAL VISAYAS	<b>Engineering and Administrative Overhead:</b>
<b>Division:</b> NEGROS ORIENTAL	<b>Approved Budget for Contract:</b> PHP 5,165,453.02
<b>Project Title:</b>  PROPOSED REPAIR AND REHABILITATION OF SCHOOL BUILDINGS - 8 CLASSROOMS	<b>Completion Period:</b> 120 calendar days
	<b>Minimum Required Manpower:</b> General Foreman      Welder      Carpenter Helper                      Mason      Painter
<b>Location:</b>  CANLAON CITY, NEGROS ORIENTAL	<b>Minimum Required Equipment:</b> Hand Tools                      Welding Machine One-Bagger Mixer              Bar Cutter

ITEM NO.	Item Description	% of Total	Unit	Quantity	Total Cost	Remarks
	<b>I. DIRECT COST</b>					<i>with hauling cost</i>
	<b>GENERAL REQUIREMENT</b>		lot	1.00		

**BUILDING 1 : ONE UNIT - TWO CLASSROOM DECS SCHOOL BUILDING 7M X8M (BUILDING 1)- 2 CL**

1.000	Earthworks		lot	1.00		
2.000	Concreting Works		lot	1.00		
3.000	Rebar Works		lot	1.00		
4.000	Formworks		lot	1.00		
5.000	Masonry Works		lot	1.00		
6.000	Doors & Windows		lot	1.00		
7.000	Steel works		lot	1.00		
8.000	Roofing Works		lot	1.00		
9.000	Carpentry Works		lot	1.00		
10.000	Electrical Works		lot	1.00		
11.000	Plumbing Works		lot	1.00		
13.000	Painting Works		lot	1.00		
14.000	Tile Works		lot	1.00		

**BUILDING 2 : ONE UNIT - TWO CLASSROOM BLSB TYPE II SCHOOL BUILDING 8M x 6M (BUILDING 2) - 2 CL**

1.000	Earthworks		lot	1.00		
2.000	Concreting Works		lot	1.00		
3.000	Rebar Works		lot	1.00		
4.000	Formworks		lot	1.00		
5.000	Masonry Works		lot	1.00		
6.000	Doors & Windows		lot	1.00		
7.000	Steel works		lot	1.00		
8.000	Roofing Works		lot	1.00		

9.000	Carpentry Works		lot	1.00	
10.000	Electrical Works		lot	1.00	
11.000	Plumbing Works		lot	1.00	
13.000	Painting Works		lot	1.00	
14.000	Tile Works		lot	1.00	
<b>BUILDING 3: ONE UNIT - THREE CLASSROOM DECS SCHOOL BUILDING 7M X8M (BUILDING 3)- 3 CL</b>					
2.000	Concreting Works		lot	1.00	
5.000	Masonry Works		lot	1.00	
6.000	Doors & Windows		lot	1.00	
7.000	Steel works		lot	1.00	
8.000	Roofing Works		lot	1.00	
9.000	Carpentry Works		lot	1.00	
10.000	Electrical Works		lot	1.00	
11.000	Plumbing Works		lot	1.00	
13.000	Painting Works		lot	1.00	
14.000	Tile Works		lot	1.00	
<b>BUILDING 4 : ONE UNIT - ONE CLASSROOM/ ICT ROOM DPWH/LGU SCHOOL BUILDING 5.5M x 7.8M (BUILDING 2) - 1 CL</b>					
1.000	Earthworks		lot	1.00	
2.000	Concreting Works		lot	1.00	
5.000	Masonry Works		lot	1.00	
6.000	Doors & Windows		lot	1.00	
7.000	Steel works		lot	1.00	
8.000	Roofing Works		lot	1.00	
9.000	Carpentry Works		lot	1.00	
10.000	Electrical Works		lot	1.00	
11.000	Plumbing Works		lot	1.00	
13.000	Painting Works		lot	1.00	
14.000	Tile Works		lot	1.00	
	<b>Sub-Total</b>				
	<b>II. INDIRECT COST 22% of (I - Gen. Req'ts.)</b>				
	Overhead Expenses (8%)				
	Contingencies (3%)				
	Miscellaneous (1%)				
	Contractor's Profit (10%)				
	<b>Sub-Total</b>				
	<b>III. TAX 5% of (I+II)</b>				
	<b>Sub-Total</b>				
	<b>IV. TOTAL CONSTRUCTION COST (I + II + III)</b>	#DIV/0!		0.00	

Prepared by:

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Contractor's  
Representative

# CONTRACTOR'S LOGO/ HEADER

## PROGRAM OF WORKS DETAILED COST ESTIMATE

PROJECT : PROPOSED REPAIR AND REHABILITATION OF SCHOOL BUILDINGS - 8 CLASSROOMS  
 SCHOOL : VILLA IOWA ELEMENTARY SCHOOL  
 LOCATION : CANLAON CITY, NEGROS ORIENTAL  
 OWNER : DEPARTMENT OF EDUCATION

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
	<b>GENERAL REQUIREMENTS</b>							
	Mobilization/Temporary Structures, Utilities and Services/Demobilization	lot	1.00					
	Safety and Health	lot	1.00					
	Project Billboard	lot	1.00					
	Fire Safety Inspection Certificate (FSIC)	lot	1.00					
	Permit Fees and other necessary requirements	lot	1.00					
	Hauling cost	lot	1.00					
	<b>Sub-total</b>							
<b>BUILDING 1: ONE UNIT - TWO CLASSROOM DECS SCHOOL BUILDING 7M X8M (BUILDING 1)- 2 CL</b>								
<b>1.0000</b>	<b>Earthworks</b>							
	<i>Repair/ replacement of Partition into new CHB partition wall</i>							
1.0200	Structural Excavation	cu.m	2.22					
1.0300	Backfilling and Compaction	cu.m	1.77					
1.0400	Gravel Bedding G-1	cu.m	0.09					
1.0600	Soil Poisoning	sq.m	3.00					
	<b>Sub-total</b>							
<b>2.0000</b>	<b>Concreting Works</b>							
	<i>Overlaying/ Reflooring 4" thk of classrooms including provision of proper corridor with rebars @0.4 center to center - make sure to remove the existing floor</i>							
	<i>Slab on Grade</i>	cu.m	11.00					
2.0200	Portland Cement	bag	99.00					
2.0300	Crushed Gravel 3/4"	cu.m	11.00					
2.0500	Washed Sand	cu.m	5.50					
3.0500	Deformed Round Bars, Grade 40 (10mm RSB)	kg	20.00					
3.1200	G.I. Tie Wire	kg	4.00					
	<i>Provision of column footing for new CHB wall located at Partition Wall(0.80m x 0.80 x 0.25)</i>							

	<i>Column Footing</i>	cu.m	0.16					
2.0200	Portland Cement	bag	2.00					
2.0300	Crushed Gravel 1"	cu.m	0.25					
2.0500	Washed Sand	cu.m	0.25					
	<i>Provision of walling footing for new CHB wall located at Partition Wall</i>							
	<i>Wall Footing</i>	cu.m	0.70					
2.0200	Portland Cement	bag	7.00					
2.0300	Crushed Gravel 1"	cu.m	0.75					
2.0500	Washed Sand	cu.m	0.50					
	<i>Provision of column for new CHB wall located at Partition Wall (0.3m x 0.3m).</i>							
	<i>Column</i>	cu.m	0.31					
2.0200	Portland Cement	bag	3.00					
2.0300	Crushed Gravel 3/4"	cu.m	0.50					
2.0500	Washed Sand	cu.m	0.25					
	<i>Ramp on Fill (with Ramp Railing)</i>	cu.m	0.54					
2.0200	Portland Cement	bag	5.00					
2.0400	Crushed Gravel 1"	cu.m	0.75					
2.0500	Washed Sand	cu.m	0.50					
5.0400	10mm x 6m RSB	kg	23.28					
3.1200	G.I. Tie Wire	kg	1.00					
7.2610	G.I. Pipe 1-½"Ø Sch. 40	pc	6.00					
7.3600	Welding Rod	kg	3.00					
	<b>Sub-total</b>							
<b>3.0000</b>	<b>Rebar Works</b>							
	Column footing using 16mm def bars (5 pcs bothways)	kg	16.64					
	Wall footing using 10mm def bars (3 longitudinal bars with 10 mm def bar ties at 0.20 o.c.)	kg	23.98					
	New column using 4 - 16mm def bars and 10 mm ties (5@50,5@100 & rest 200)	kg	42.06					
3.1200	G.I. Tie Wire	kg	3.31					
	<b>Sub-total</b>							
<b>4.0000</b>	<b>Formworks</b>							
	<i>Formworks</i>							
4.0100	Coco Lumber	bd.ft	145.50					
4.0200	Plywood Ordinary, 1/4" x 4' x 8'	pc	6.00					
4.0400	CWN, Assorted	kg	3.00					
	<b>Sub-total</b>							
<b>5.0000</b>	<b>Masonry Works</b>							

	<i>Conversion of partition into CHB wall for including repair/continuation of CR wall, closing of two bays of window located at Comfort Rooms and repair of existing sink</i>							
	<i>Masonry Wall</i>	sq.m	47.74					
5.0300	CHB 4" thk	pc	598.00					
2.0200	Portland Cement	bag	16.00					
2.0300	Washed Sand	cu.m	3.00					
3.0500	10mm x 6m RSB	kg	64.00					
3.1200	G.I. Tie Wire	kg	2.00					
	Punching hole (0.6m x 0.6m) and demolition of all obstruction at corridor	sq.m	5.52					
	<i>Plastering including repair of all wall cracks, rough walls, smoothen all sinks and others</i>							
	<i>Plastering</i>	sq.m	99.48					
2.0200	Portland Cement	bag	33.00					
2.0300	Washed Sand	cu.m	4.00					
	<b>Sub-total</b>							
<b>6.0000</b>	<b>Doors &amp; Windows</b>							
	<i>Replacement of all doors and windows including all CR into jalouplus type and provision of security grilles(12mm square bar)</i>							
6.0100	Removal of Door with Jamb	set	4.00					
6.0200	Removal of Window with Jamb	sq.m	26.88					
6.0330	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	4.00					
6.0430	D-3 Flush Door 0.60m x 2.10m or match existing on 150mm Wooden Jamb complete with Accessories	set	2.00					
	W - 1, ( 2.6 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	3.00					
	W - 2, ( 1.3 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	5.00					

	W - 4, ( 0.6 x 0.6 m) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	2.00					
6.1500	Security Grilles (WG-4)	sq.ft	13.78					
6.1510	Window Grille (WG - 1)	set	3.00					
6.1520	Window Grille (WG - 2)	set	5.00					
	<b>Sub-total</b>							
<b>7.0000</b>	<b>Steel works</b>							
	<i>Replacement of all Wooden Trusses, Members and Purlins into Steel</i>							
	<i>Trusses and Members</i>							
9.0070	Removal of Wooden Truss/ Beams	bd.ft	1,119.00					
9.0080	Removal of Purlins	bd.ft	662.00					
7.0900	L 50 x 50 x 6mm	kg	2,103.00					
7.0200	2" x 4" x 1.5mm C - purlins	kg	1,135.00					
7.1010	L 50 x 50 x 2mm	kg	22.00					
7.1810	Machine Bolts ( 10 mm dia. )	pc	260.00					
7.2200	12mmØ Sag Rods with Standard Nuts and Washers	pc	192.00					
7.1900	Plain Round Bar 16mmØ x 6m	pc	18.00					
7.2000	Turn Buckle 16 mmØ	pc	16.00					
	Anchor Bolt with Nuts and Washer, 12mmØ x 50mm x 300mm	pc	40.00					
	Anchor Bolt with Nuts and Washer, 10mmØ x 50mm x 150mm	pc	6.00					
7.1100	Steel Plate 1.20m x 2.40m x 6mm thk	pc	2.00					
7.1200	Steel Plate 1.20m x 2.40m x 10mm thk	pc	0.50					
7.3600	Welding Rod	kg	72.00					
13.1100	Primer, Zinc Chromate	gal	5.00					
	<b>Sub-total</b>							
<b>8.0000</b>	<b>Roofing Works</b>							
	<i>Total replacement of roofing sheets and accessories including attached comfort rooms</i>							
8.0100	Removal of Roofing Sheets	sq m	168.00					
8.0200	Removal of Ridge Roll	pc	7.00					
8.0300	Removal of Flashing	pc	9.00					
8.0500	Removal of Fascia Board	pc	22.00					
	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	lm	190.00					
	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	9.00					

	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	7.00				
9.1430	Fascia Board, Fiber Cement 12" x 8'	pc	22.00				
7.1040	L 20 x 20 x 2mm	kg	98.00				
7.1020	L 38 x 38 x 4.5mm	kg	66.00				
	3" Flat head Countersunk screw	pc	372.00				
8.0900	J-Bolt (6mm dia.)	pc	1,060.00				
	Teckscrew 2-3/4"	pc	2,068.00				
8.1300	Roof Sealant	L	4.00				
	<b>Sub-total</b>						
<b>9.0000</b>	<b>Carpentry Works</b>						
	<i>Total Replacement of all exterior and interior Ceiling including ceiling joist and others</i>						
	<i>Interior Ceiling</i>	sq.m	112.00				
9.0100	Removal of Ceiling	sq.m	112.00				
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	39.00				
	<i>50 mm x 50 mm Ceiling Joist</i>	bd.ft	227.48				
	<i>50 mm x 75 mm Ceiling Joist</i>	bd.ft	344.51				
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	571.99				
9.2100	Finishing Nails	kg	3.00				
4.0400	CWN, Assorted	kg	11.00				
9.2200	Concrete Nails	kg	3.00				
9.1900	Wood Preservative, Brown	L	4.00				
	<i>Exterior Ceiling</i>	sq m	46.08				
9.0100	Removal of Ceiling	sq.m	46.08				
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	16.00				
	<i>50 mm x 50 mm Ceiling Joist</i>	bd.ft	148.74				
	<i>50 mm x 75 mm Ceiling Joist</i>	bd.ft	135.57				
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	284.31				
9.2100	Finishing Nails	kg	1.00				
4.0400	CWN, Assorted	kg	6.00				
9.2200	Concrete Nails	kg	1.00				
9.1900	Wood Preservative, Brown	L	2.00				
9.1400	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	4.00				
	<i>Blackboards (2 sets)</i>						
9.1800	S4S Lumber, Kiln Dried, Tanguile	bd.ft	74.00				
9.2000	Lawanit, 1/4" thk	pc	4.00				
9.2100	Finishing Nails	kg	1.00				
4.0400	CWN, Assorted	kg	2.00				
9.2200	Concrete Nails	kg	1.00				



	<b>Sub-total</b>							
<b>10.0000</b>	<b>Electrical Works</b>							
	<i>Total replacement of existing electrical wirings and fixtures.</i>							
	<i>Roughing-ins</i>							
10.0100	Electrical Conduit uPVC, 15mmØ	pc	48.00					
10.0200	RSC 20mmØ	pc	1.00					
10.0800	Entrance Cap 20mm dia.	pc	1.00					
10.1200	Junction Box, 4" x 4" G.I.	pc	12.00					
10.1300	Utility Box, 2" x 4" G.I.	pc	8.00					
10.1400	Grounding Rod, 2.4m x 16mm dia.	pc	1.00					
	<i>Wires &amp; Fixtures</i>							
10.1600	3.5 mm <sup>2</sup> THHN Wire, Stranded	m	432.00					
10.1700	5.5 mm <sup>2</sup> THHN Wire, Stranded	m	10.00					
10.1710	8.0 mm <sup>2</sup> THHN Wire, Stranded	m	10.00					
10.2700	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	4.00					
10.3200	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	2.00					
10.2900	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	pc	3.00					
10.3400	2 - 36W, 230V, 60Hz, AC Fluorescent Lighting Fixture, (Box Type) - LED	set	12.00					
10.3500	1 - 36W, 230V, 60Hz, AC Fluorescent Lighting Fixture, (Box Type) - LED	set	2.00					
	LED Bulb 9W with Medium Base Keyless Type Porcelain Receptacle	pc	2.00					
10.3700	Panel Box, Flush Type, 4 Branches	set	1.00					
10.4410	Circuit Breaker, 60A 2P	set	1.00					
10.4100	Circuit Breaker, 20A 2P	set	3.00					
10.5100	Fire Alarm Bell, Vibrating Type	set	1.00					
10.5000	Push Button, 10A, 230V	set	1.00					
10.5400	Wall Fan, 60W, 230V, 60Hz with outlet and accessories	set	4.00					
10.5500	Electrical Tape (BIG)	pc	2.00					
	Fire Extinguisher 10lbs with cabinet and complete accessories (as Fire Department required)	set	2.00					
	<b>Sub-Total</b>							
<b>11.0000</b>	<b>Plumbing Works</b>							
	Rehabilitation/ repair/ replacement or provision of accessories (floor drains, grab rails, tissue holder, etc.)	units	2.00					

	Repair/replacement of all damages plumbing/water lines including other accessories	l.m	30.00					
	Replacement of toilet bowl	set	2.00					
	1000 liters Stainless Water Tank with piping and complete Accessories	set	1.00					
12.0110	Three Chamber Septic Vault	unit	1.00					
	<b>Sub-Total</b>							
<b>13.0000</b>	<b>Painting Works</b>							
	<i>Follow Standard DEPED Color Scheme and use certified lead-safe paints/coatings</i>							
	<i>Wood Surfaces</i>	sq.m	180.94					
13.0600	Enamel, Flatwall	gal	10.00					
13.0800	Enamel, Semi Gloss	gal	10.00					
13.0700	Glazing Putty	gal	10.00					
13.0900	Paint Thinner	gal	5.00					
	<i>Concrete surfaces</i>	sq m	230.00					
13.0100	Neutralizer	gal	12.00					
13.0200	Latex, Flat	gal	23.00					
13.0300	Masonry Putty	gal	9.00					
13.0400	Latex, Semi Gloss	gal	8.00					
13.0500	Acri Color	qrt	5.00					
	<i>Steel Surfaces</i>							
13.1210	Primer, Red Oxide	gal	2.00					
	Enamel, Quick Dry	gal	2.00					
13.0900	Paint Thinner	gal	2.00					
	<b>Sub-Total</b>							
<b>14.0000</b>	<b>Tile Works</b>							
	<i>Replacement of all wall tiles and floor tiles for Toilet</i>							
	<i>Wall(color for approval)</i>	sq.m	5.28					
14.0710	Glazed Wall Tiles 20cm x 20cm	pc	136.00					
14.1600	Tile Adhesive 25 kg/bag	bag	1.00					
14.1300	Tile Trim 6mm	pc	6.00					
14.1500	Tile Grout 5 kg/bag	bag	1.00					
	<i>Flooring(color for approval)</i>	sq.m	3.12					
14.0210	Unglazed Floor Tiles 20cm x 20cm	pc	81.00					
14.1600	Tile Adhesive 25 kg/bag	bag	1.00					
14.1500	Tile Grout 5 kg/bag	bag	1.00					
	<b>Sub-Total</b>							
<b>BUILDING 2 : ONE UNIT - TWO CLASSROOM BLSB TYPE II SCHOOL BUILDING 8M x 6M (BUILDING 2) - 2 CL</b>								
<b>1.0000</b>	<b>Earthworks</b>							
	<i>Repair/ replacement of Partition into new CHB partition wall</i>							

1.0200	Structural Excavation	cu.m	4.17				
1.0300	Backfilling and Compaction	cu.m	3.34				
1.0400	Gravel Bedding G-1	cu.m	0.09				
1.0600	Soil Poisoning	sq.m	6.28				
1.0500	Select Fill	cu.m	1.15				
	<b>Sub-total</b>						
<b>2.0000</b>	<b>Concreting Works</b>						
	<i>Slab on Grade</i>	cu.m	2.00				
2.0200	Portland Cement	bag	18.00				
2.0300	Crushed Gravel 3/4"	cu.m	2.00				
2.0500	Washed Sand	cu.m	1.00				
3.0500	Deformed Round Bars, Grade 40 (10mm RSB)	kg	14.00				
3.1200	G.I. Tie Wire	kg	4.00				
	<i>Repair of existing comfort room and for new Partition</i>						
	<i>Wall Footing</i>	cu.m	1.52				
2.0200	Portland Cement	bag	14.00				
2.0300	Crushed Gravel 1"	cu.m	1.75				
2.0500	Washed Sand	cu.m	1.00				
	<i>Provision of new Concrete Roof beam and retrofit the existing</i>						
	<i>Concrete roof Beams</i>	cu.m	3.60				
2.0200	Portland Cement	bag	33.00				
2.0300	Crushed Gravel 3/4"	cu.m	3.75				
2.0500	Washed Sand	cu.m	2.00				
	<i>Retrofit existing column and provide new column for partition and others</i>						
	<i>Column</i>	cu.m	0.60				
2.0200	Portland Cement	bag	6.00				
2.0300	Crushed Gravel 3/4"	cu.m	0.75				
2.0500	Washed Sand	cu.m	0.50				
	<i>Provision of new concrete column footing on new CHB partition wall (0.25x0.80x0.80m)</i>						
	<i>Concrete column footing on new column</i>	cu.m	0.16				
2.0200	Portland Cement	bag	2.00				
2.0300	Crushed Gravel 3/4"	cu.m	0.25				
2.0500	Washed Sand	cu.m	0.25				
	<b>Sub-total</b>						
<b>3.0000</b>	<b>Rebar Works</b>						
	Column footing using 16mm def bars (5 pcs bothways)	kg	16.64				
	Wall footing using 10mm def bars (3 longitudinal bars with 10 mm def bar ties at 0.20 o.c.)	kg	48.29				
	New column using 4 - 16mm def bars and 10 mm ties (5@50,5@100 & rest	kg	37.95				

	200)							
	Beam using 4-16mm def bars with 10mm stirrups(5@50,5@100 & rest 200)	kg	287.17					
3.1200	G.I. Tie Wire	kg	15.60					
	<b>Sub-total</b>							
<b>4.0000</b>	<b>Formworks</b>							
	<i>Formworks</i>							
4.0100	Coco Lumber	bd.ft	97.00					
4.0200	Plywood Ordinary, 1/4" x 4' x 8'	pc	4.00					
4.0400	CWN, Assorted	kg	2.00					
	<b>Sub-total</b>							
<b>5.0000</b>	<b>Masonry Works</b>							
	<i>Repair of attached Comfort room and closing of all improper windows , conversion of partition wall into CHB wall, repair of handwashing and others</i>							
	<i>Masonry Wall</i>	sq.m	44.40					
5.0300	CHB 4" thk	pc	555.00					
2.0200	Portland Cement	bag	15.00					
2.0300	Washed Sand	cu.m	2.00					
3.0500	10mm x 6m RSB	kg	59.00					
3.1200	G.I. Tie Wire	kg	2.00					
	Punching hole (0.6m x 0.6m) and demolition of Sink inside classroom that cause obstruction	sq.m	6.24					
	<i>Plastering including unplastered, repair of all wall cracks, rough walls and others</i>							
	<i>Plastering</i>	sq.m	148.80					
2.0200	Portland Cement	bag	50.00					
2.0300	Washed Sand	cu.m	5.00					
	<b>Sub-total</b>							
<b>6.0000</b>	<b>Doors &amp; Windows</b>							
	<i>Replacement of all doors and windows including toilet door and jambs with additional 1 main door and provision of security grilles</i>							
6.0100	Removal of Door with Jamb	set	2.00					
6.0200	Removal of Window with Jamb	sq.m	14.56					
6.0330	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	4.00					
6.0430	D-3 Flush Door 0.60m x 2.10m on 150mm Wooden Jamb complete with Accessories	sets	2.00					

	W - 1, ( 2.6 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	4.00				
	W - 4, ( 0.6 x 0.6 m) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	2.00				
6.1500	Security Grilles (WG-4)	sq.ft	13.78				
6.1510	Window Grille (WG - 1)	set	4.00				
	<b>Sub-total</b>						
<b>7.0000</b>	<b>Steel works</b>						
	<i>Replacement of all wooden Trusses and Members into steel Trusses and Members</i>						
	<i>Trusses and Members</i>						
9.0070	Removal of Wooden Truss/ Beams	bd.ft	630.00				
9.0080	Removal of Purlins	bd.ft	448.00				
7.0900	L 50 x 50 x 6mm	kg	960.00				
7.0200	2" x 4" x 1.5mm C - purlins	kg	917.00				
7.1010	L 50 x 50 x 2mm	kg	22.00				
7.1810	Machine Bolts ( 10 mm dia. )	pc	260.00				
7.2200	12mmØ Sag Rods with Standard Nuts and Washers	pc	96.00				
7.1900	Plain Round Bar 16mmØ x 6m	pc	16.00				
7.2000	Turn Buckle 16 mmØ	pc	16.00				
	Anchor Bolt with Nuts and Washer, 12mmØ x 50mm x 300mm	pc	40.00				
7.1100	Steel Plate 1.20m x 2.40m x 6mm thk	pc	1.00				
7.1200	Steel Plate 1.20m x 2.40m x 10mm thk	pc	0.50				
7.3600	Welding Rod	kg	42.00				
13.1100	Primer, Zinc Chromate	gal	5.00				
	<b>Sub-total</b>						
<b>8.0000</b>	<b>Roofing Works</b>						
	<i>Total replacement of roofing sheets and accessories</i>						
8.0100	Removal of Roofing Sheets	sq m	138.00				
8.0200	Removal of Ridge Roll	pc	6.00				
8.0300	Removal of Flashing	pc	9.00				
8.0500	Removal of Fascia Board	pc	20.00				
	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	lm	156.00				

	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	9.00				
	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	6.00				
9.1430	Fascia Board, Fiber Cement 12" x 8'	pc	20.00				
7.1040	L 20 x 20 x 2mm	kg	86.00				
7.1020	L 38 x 38 x 4.5mm	kg	66.00				
	3" Flat head Countersunk screw	pc	332.00				
8.0900	J-Bolt (6mm dia.)	pc	840.00				
	Teckscrew 2-3/4"	pc	1,676.00				
8.1300	Roof Sealant	L	4.00				
	<b>Sub-total</b>						
<b>9.0000</b>	<b>Carpentry Works</b>						
	<i>Total replacement of all exterior and interior Ceiling including ceiling joist and others</i>						
	<i>Interior Ceiling</i>	sq.m	96.00				
9.0100	Removal of Ceiling	sq.m	96.00				
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	34.00				
	<i>50 mm x 50 mm Ceiling Joist</i>	bd.ft	193.00				
	<i>50 mm x 75 mm Ceiling Joist</i>	bd.ft	<u>296.00</u>				
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	488.00				
9.2100	Finishing Nails	kg	2.00				
4.0400	CWN, Assorted	kg	9.00				
9.2200	Concrete Nails	kg	2.00				
9.1900	Wood Preservative, Brown	L	3.00				
	<i>Exterior Ceiling</i>	sq m	40.32				
9.0100	Removal of Ceiling	sq.m	40.32				
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	14.00				
	<i>50 mm x 50 mm Ceiling Joist</i>	bd.ft	124.24				
	<i>50 mm x 75 mm Ceiling Joist</i>	bd.ft	<u>119.30</u>				
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	243.54				
9.2100	Finishing Nails	kg	1.00				
4.0400	CWN, Assorted	kg	5.00				
9.2200	Concrete Nails	kg	1.00				
9.1900	Wood Preservative, Brown	L	2.00				
9.1400	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	4.00				
	<i>Blackboards (2 set)</i>						
9.1800	S4S Lumber, Kiln Dried, Tanguile	bd.ft	74.00				
9.2000	Lawanit, 1/4" thk	pc	4.00				
9.2100	Finishing Nails	kg	1.00				

4.0400	CWN, Assorted	kg	2.00				
9.2200	Concrete Nails	kg	1.00				
	<b>Sub-total</b>						
<b>10.0000</b>	<b>Electrical Works</b>						
	<i>Total replacement of existing electrical wirings and fixtures.</i>						
	<i>Roughing-ins</i>						
10.0100	Electrical Conduit uPVC, 15mmØ	pc	48.00				
10.0200	RSC 20mmØ	pc	1.00				
10.0800	Entrance Cap 20mm dia.	pc	1.00				
10.1200	Junction Box, 4" x 4" G.I.	pc	8.00				
10.1300	Utility Box, 2" x 4" G.I.	pc	8.00				
10.1400	Grounding Rod, 2.4m x 16mm dia.	pc	1.00				
	<i>Wires &amp; Fixtures</i>						
10.1600	3.5 mm <sup>2</sup> THHN Wire, Stranded	m	219.00				
10.1700	5.5 mm <sup>2</sup> THHN Wire, Stranded	m	10.00				
10.1710	8.0 mm <sup>2</sup> THHN Wire, Stranded	m	10.00				
10.2700	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	4.00				
10.3200	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	2.00				
10.2900	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	pc	2.00				
10.3400	2 - 36W, 230V, 60Hz, AC Fluorescent Lighting Fixture, (Box Type) - LED	set	8.00				
10.3500	1 - 36W, 230V, 60Hz, AC Fluorescent Lighting Fixture, (Box Type) - LED	set	2.00				
	LED Bulb 9W with Medium Base Keyless Type Porcelain Receptacle	pc	2.00				
10.3700	Panel Box, Flush Type, 4 Branches	set	1.00				
10.4410	Circuit Breaker, 60A 2P	set	1.00				
10.4100	Circuit Breaker, 20A 2P	set	3.00				
10.5100	Fire Alarm Bell, Vibrating Type	set	1.00				
10.5000	Push Button, 10A, 230V	set	1.00				
10.5400	Wall Fan, 60W, 230V, 60Hz with outlet and accessories	set	4.00				
10.5500	Electrical Tape (BIG)	pc	2.00				
	Fire Extinguisher 10lbs with cabinet and complete accessories (as Fire Department required)	set	2.00				
	<b>Sub-Total</b>						
<b>11.0000</b>	<b>Plumbing Works</b>						

	Rehabilitation/ repair/ replacement or provision of accessories (floor drains, grab rails, tissue holder, etc.)	units	2.00					
	Repair/replacement of all damages plumbing/water lines including other accessories	l.m	30.00					
	Replacement of faucet	pc	2.00					
	Replacement of all Toilet Bowl	set	2.00					
	<b>Sub-Total</b>							
<b>13.0000</b>	<b>Painting Works</b>							
	<i>Follow Standard DEPED Color Scheme and use certified lead-safe paints/ coatings</i>							
	<i>Interior and exterior Ceiling</i>	sq.m	136.32					
13.0600	Enamel, Flatwall	gal	7.00					
13.0800	Enamel, Semi Gloss	gal	7.00					
13.0700	Glazing Putty	gal	7.00					
13.0900	Paint Thinner	gal	4.00					
	<i>Doors and others</i>	sq.m	34.20					
13.0600	Enamel, Flatwall	gal	2.00					
13.0800	Enamel, Semi Gloss	gal	2.00					
13.0700	Glazing Putty	gal	2.00					
13.0900	Paint Thinner	gal	1.00					
	<i>Concrete surfaces</i>	sq m	220.00					
13.0100	Neutralizer	gal	11.00					
13.0200	Latex, Flat	gal	22.00					
13.0300	Masonry Putty	gal	9.00					
13.0400	Latex, Semi Gloss	gal	8.00					
13.0500	Acri Color	qrt	5.00					
	<i>Steel Surfaces</i>							
13.1210	Primer, Red Oxide	gal	2.00					
	Enamel, Quick Dry	gal	2.00					
13.0900	Paint Thinner	gal	2.00					
	<b>Sub-Total</b>							
<b>14.0000</b>	<b>Tile Works</b>							
	<i>Wall(color for approval)</i>	sq.m	10.08					
14.0710	Glazed Wall Tiles 20cm x 20cm	pc	260.00					
14.1600	Tile Adhesive 25 kg/bag	bag	2.00					
14.1300	Tile Trim 6mm	pc	4.00					
14.1500	Tile Grout 5 kg/bag	bag	1.00					
	<i>Flooring(color for approval)</i>	sq.m	2.88					
14.0210	Unglazed Floor Tiles 20cm x 20cm	pc	75.00					
14.1600	Tile Adhesive 25 kg/bag	bag	1.00					
14.1500	Tile Grout 5 kg/bag	bag	1.00					
	<b>Sub-Total</b>							



BUILDING 3: ONE UNIT - THREE CLASSROOM DECS SCHOOL BUILDING 7M X8M (BUILDING 3)- 3 CL								
<b>2.0000</b>	<b>Concreting Works</b>							
	<i>Reflooring/ overlaying 4" thk of classrooms including provision of corridor with rebars @0.4 center to center - make sure to chip properly the existing floor</i>							
	<i>Slab on Grade</i>	cu.m	19.00					
2.0200	Portland Cement	bag	163.00					
2.0300	Crushed Gravel 3/4"	cu.m	19.00					
2.0500	Washed Sand	cu.m	9.50					
3.0500	Deformed Round Bars, Grade 40 (10mm RSB)	kg	174.00					
3.1200	G.I. Tie Wire	kg	4.00					
	<i>Ramp on Fill (with Ramp Railing)</i>	cu.m	0.54					
2.0200	Portland Cement	bag	5.00					
2.0400	Crushed Gravel 1"	cu.m	0.75					
2.0500	Washed Sand	cu.m	0.50					
5.0400	10mm x 6m RSB	kg	23.28					
3.1200	G.I. Tie Wire	kg	1.00					
7.2610	G.I. Pipe 1-½"Ø Sch. 40	pc	6.00					
7.3600	Welding Rod	kg	3.00					
	<b>Sub-total</b>							
<b>5.0000</b>	<b>Masonry Works</b>							
	<i>For closing of 2 bays window located near at Toilets and repair and rehabilitation of CR, sink and others</i>							
	<i>Masonry Wall</i>	sq.m	28.74					
5.0300	CHB 4" thk	pc	360.00					
2.0200	Portland Cement	bag	10.00					
2.0300	Washed Sand	cu.m	2.00					
3.0500	10mm x 6m RSB	kg	39.00					
3.1200	G.I. Tie Wire	kg	1.00					
	<i>Punching hole (0.6m x 0.6m)</i>	sq.m	8.28					
	<i>Plastering including repair of all wall cracks or replaster, rough walls and others</i>							
	<i>Plastering</i>	sq.m	67.48					
2.0200	Portland Cement	bag	23.00					
2.0300	Washed Sand	cu.m	3.00					
	<b>Sub-total</b>							
<b>6.0000</b>	<b>Doors &amp; Windows</b>							
	<i>Replacement of all doors and windows including all CR into jalouplus type and provision of security grilles(12mm square bar)</i>							
6.0100	Removal of Door with Jamb	set	6.00					
6.0200	Removal of Window with Jamb	sq.m	40.32					

6.0330	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	6.00				
6.0430	D-3 Flush Door 0.60m x 2.10m or match existing on 150mm Wooden Jamb complete with Accessories	set	3.00				
	W - 1, ( 2.6 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	3.00				
	W - 2, ( 1.3 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	9.00				
	W - 4, ( 0.6 x 0.6 m) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	3.00				
6.1500	Security Grilles (WG-4)	sq.ft	20.67				
6.1510	Window Grille (WG - 1)	set	3.00				
6.1520	Window Grille (WG - 2)	set	9.00				
	<b>Sub-total</b>						
<b>7.0000</b>	<b>Steel works</b>						
	<i>Replacement of all Wooden Trusses, Members and Purlins into Steel</i>						
	<i>Trusses and Members</i>						
9.0070	Removal of Wooden Truss/ Beams	bd.ft	1,679.00				
9.0080	Removal of Purlins	bd.ft	993.00				
7.0900	L 50 x 50 x 6mm	kg	3,155.00				
7.0200	2" x 4" x 1.5mm C - purlins	kg	1,703.00				
7.1010	L 50 x 50 x 2mm	kg	33.00				
7.1810	Machine Bolts ( 10 mm dia. )	pc	390.00				
7.2200	12mmØ Sag Rods with Standard Nuts and Washers	pc	288.00				
7.1900	Plain Round Bar 16mmØ x 6m	pc	27.00				
7.2000	Turn Buckle 16 mmØ	pc	24.00				
	Anchor Bolt with Nuts and Washer, 12mmØ x 50mm x 300mm	pc	60.00				
	Anchor Bolt with Nuts and Washer, 10mmØ x 50mm x 150mm	pc	9.00				

7.1100	Steel Plate 1.20m x 2.40m x 6mm thk	pc	2.50					
7.1200	Steel Plate 1.20m x 2.40m x 10mm thk	pc	1.00					
7.3600	Welding Rod	kg	100.00					
13.1100	Primer, Zinc Chromate	gal	7.00					
	<b>Sub-total</b>							
<b>8.0000</b>	<b>Roofing Works</b>							
	<i>Total replacement of roofing sheets and accessories including attached comfort rooms</i>							
8.0100	Removal of Roofing Sheets	sq m	252.00					
8.0200	Removal of Ridge Roll	pc	11.00					
8.0300	Removal of Flashing	pc	9.00					
8.0500	Removal of Fascia Board	pc	33.00					
	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	lm	285.00					
	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	9.00					
	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	11.00					
9.1430	Fascia Board, Fiber Cement 12" x 8'	pc	33.00					
7.1040	L 20 x 20 x 2mm	kg	147.00					
7.1020	L 38 x 38 x 4.5mm	kg	66.00					
	3" Flat head Countersunk screw	pc	558.00					
8.0900	J-Bolt (6mm dia.)	pc	1,590.00					
	Teckscrew 2-3/4"	pc	3,102.00					
8.1300	Roof Sealant	L	6.00					
	<b>Sub-total</b>							
<b>9.0000</b>	<b>Carpentry Works</b>							
	<i>Total Replacement of all exterior and interior Ceiling including ceiling joist and others</i>							
	<i>Interior Ceiling</i>	sq.m	168.00					
9.0100	Removal of Ceiling	sq.m	168.00					
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	59.00					
	50 mm x 50 mm Ceiling Joist	bd.ft	342.00					
	50 mm x 75 mm Ceiling Joist	bd.ft	517.00					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	858.00					
9.2100	Finishing Nails	kg	5.00					
4.0400	CWN, Assorted	kg	17.00					
9.2200	Concrete Nails	kg	5.00					
9.1900	Wood Preservative, Brown	L	6.00					
	<i>Exterior Ceiling</i>	sq m	70.00					
9.0100	Removal of Ceiling	sq.m	70.00					
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	24.00					

	50 mm x 50 mm Ceiling Joist	bd.ft	224.00				
	50 mm x 75 mm Ceiling Joist	bd.ft	<u>204.00</u>				
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	427.00				
9.2100	Finishing Nails	kg	2.00				
4.0400	CWN, Assorted	kg	9.00				
9.2200	Concrete Nails	kg	2.00				
9.1900	Wood Preservative, Brown	L	3.00				
9.1400	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	6.00				
	<i>Blackboards (3 sets)</i>						
9.1800	S4S Lumber, Kiln Dried, Tanguile	bd.ft	111.00				
9.2000	Lawanit, 1/4" thk	pc	6.00				
9.2100	Finishing Nails	kg	2.00				
4.0400	CWN, Assorted	kg	3.00				
9.2200	Concrete Nails	kg	2.00				
	<b>Sub-total</b>						
<b>10.0000</b>	<b>Electrical Works</b>						
	<i>Total replacement of existing electrical wirings and fixtures.</i>						
	<i>Roughing-ins</i>						
10.0100	Electrical Conduit uPVC, 15mmØ	pc	60.00				
10.0200	RSC 20mmØ	pc	1.00				
10.0800	Entrance Cap 20mm dia.	pc	1.00				
10.1200	Junction Box, 4" x 4" G.I.	pc	18.00				
10.1300	Utility Box, 2" x 4" G.I.	pc	12.00				
10.1400	Grounding Rod, 2.4m x 16mm dia.	pc	1.00				
	<i>Wires &amp; Fixtures</i>						
10.1600	3.5 mm <sup>2</sup> THHN Wire, Stranded	m	562.00				
10.1700	5.5 mm <sup>2</sup> THHN Wire, Stranded	m	10.00				
10.1710	8.0 mm <sup>2</sup> THHN Wire, Stranded	m	10.00				
10.2700	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	6.00				
10.3200	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	3.00				
10.2900	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	pc	4.00				
10.3400	2 - 36W, 230V, 60Hz, AC Fluorescent Lighting Fixture, (Box Type) - LED	set	18.00				
10.3500	1 - 36W, 230V, 60Hz, AC Fluorescent Lighting Fixture, (Box Type) - LED	set	3.00				
	LED Bulb 9W with Medium Base Keyless Type Porcelain Receptacle	pc	3.00				

10.3700	Panel Box, Flush Type, 4 Branches	set	1.00					
10.4410	Circuit Breaker, 60A 2P	set	1.00					
10.4100	Circuit Breaker, 20A 2P	set	3.00					
10.5100	Fire Alarm Bell, Vibrating Type	set	1.00					
10.5000	Push Button, 10A, 230V	set	1.00					
10.5400	Wall Fan, 60W, 230V, 60Hz with outlet and accessories	set	6.00					
10.5500	Electrical Tape (BIG)	pc	3.00					
	Fire Extinguisher 10lbs with cabinet and complete accessories (as Fire Department required)	set	3.00					
	<b>Sub-Total</b>							
<b>11.0000</b>	<b>Plumbing Works</b>							
	Rehabilitation/ repair/ replacement or provision of accessories (floor drains, grab rails, tissue holder, etc.)	units	3.00					
	Repair/replacement of all damages plumbing/water lines including other accessories	l.m	30.00					
	Replacement of toilet Bowl	set	2.00					
	1000 liters Stainless Water Tank with piping and complete Accessories	set	1.00					
	<b>Sub-Total</b>							
<b>13.0000</b>	<b>Painting Works</b>							
	<i>Follow Standard DEPED Color Scheme and use certified lead-safe paints/ coatings</i>							
	<i>Wood Surfaces</i>	sq.m	260.86					
13.0600	Enamel, Flatwall	gal	14.00					
13.0800	Enamel, Semi Gloss	gal	14.00					
13.0700	Glazing Putty	gal	14.00					
13.0900	Paint Thinner	gal	7.00					
	<i>Concrete surfaces</i>	sq m	345.00					
13.0100	Neutralizer	gal	18.00					
13.0200	Latex, Flat	gal	35.00					
13.0300	Masonry Putty	gal	14.00					
13.0400	Latex, Semi Gloss	gal	12.00					
13.0500	Acri Color	qrt	8.00					
	<i>Steel Surfaces</i>							
13.1210	Primer, Red Oxide	gal	5.00					
	Enamel, Quick Dry	gal	5.00					
13.0900	Paint Thinner	gal	5.00					
	<b>Sub-Total</b>							
<b>14.0000</b>	<b>Tile Works</b>							
	<i>Replacement of all wall tiles and floor tiles for Toilet</i>							
	Wall(color for approval)	sq.m	15.84					

14.0710	Glazed Wall Tiles 20cm x 20cm	pc	408.00					
14.1600	Tile Adhesive 25 kg/bag	bag	3.00					
14.1300	Tile Trim 6mm	pc	6.00					
14.1500	Tile Grout 5 kg/bag	bag	2.00					
	Flooring(color for approval)	sq.m	4.68					
14.0210	Unglazed Floor Tiles 20cm x 20cm	pc	121.00					
14.1600	Tile Adhesive 25 kg/bag	bag	1.00					
14.1500	Tile Grout 5 kg/bag	bag	1.00					
	<b>Sub-Total</b>							
<b>BUILDING 4 : ONE UNIT - ONE CLASSROOM/ ICT ROOM DPWH/LGU SCHOOL BUILDING 5.5M x 7.8M (BUILDING 2) - 1 CL</b>								
<b>1.0000</b>	<b>Earthworks</b>							
1.0500	Select Fill	cu.m	5.62					
	<b>Sub-total</b>							
<b>2.0000</b>	<b>Concreting Works</b>							
	<i>Reflooring / overlaying 4" thk of classrooms and corridor with rebars @0.4 center to center - make sure to remove the existing floor</i>							
	Slab on Grade	cu.m	4.00					
2.0200	Portland Cement	bag	36.00					
2.0300	Crushed Gravel 3/4"	cu.m	4.00					
2.0500	Washed Sand	cu.m	2.00					
3.0500	Deformed Round Bars, Grade 40 (10mm RSB)	kg	47.00					
3.1200	G.I. Tie Wire	kg	2.00					
	<i>Ramp on Fill (with Ramp Railing)</i>	cu.m	0.54					
2.0200	Portland Cement	bag	5.00					
2.0400	Crushed Gravel 1"	cu.m	0.75					
2.0500	Washed Sand	cu.m	0.50					
5.0400	10mm x 6m RSB	kg	23.28					
3.1200	G.I. Tie Wire	kg	1.00					
7.2610	G.I. Pipe 1-½"Ø Sch. 40	pc	6.00					
7.3600	Welding Rod	kg	3.00					
	<b>Sub-total</b>							
<b>5.0000</b>	<b>Masonry Works</b>							
	<i>Repair of attached CR and corridor and others</i>							
	Masonry Wall	sq.m	6.12					
5.0300	CHB 4" thk	pc	77.00					
2.0200	Portland Cement	bag	3.00					
2.0300	Washed Sand	cu.m	1.00					
3.0500	10mm x 6m RSB	kg	9.00					
3.1200	G.I. Tie Wire	kg	1.00					
	Punching hole (0.6m x 0.6m)	sq.m	0.36					
	<i>Plastering including unplastered wall, repair of all wall cracks, rough walls and</i>							

	<i>others</i>							
	<i>Plastering</i>	sq.m	22.24					
2.0200	Portland Cement	bag	8.00					
2.0300	Washed Sand	cu.m	1.00					
	<b>Sub-total</b>							
<b>6.0000</b>	<b>Doors &amp; Windows</b>							
	<i>Replacement of all doors and windows including toilet door and jambs with additional 1 main door and provision of security grilles</i>							
6.0100	Removal of Door with Jamb	set	2.00					
6.0200	Removal of Window with Jamb	sq.m	14.56					
6.0330	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	2.00					
6.0430	D-3 Flush Door 0.60m x 2.10m on 150mm Wooden Jamb complete with Accessories	sets	1.00					
	W - 1, ( 2.6 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	1.00					
	W - 4, ( 0.6 x 0.6 m) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	1.00					
	W - 2, ( 1.3 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	3.00					
	Rehabilitation of Security Grilles	l.s	1.00					
	<b>Sub-total</b>							
<b>7.0000</b>	<b>Steel works</b>							
	<i>Replacement of all wooden Trusses and Members into steel Trusses and Members</i>							
	<i>Trusses and Members</i>							
9.0070	Removal of Wooden Truss/ Beams	bd.ft	252.00					
9.0080	Removal of Purlins	bd.ft	180.00					
7.0900	L 50 x 50 x 6mm	kg	384.00					
7.0200	2" x 4" x 1.5mm C - purlins	kg	367.00					

7.1010	L 50 x 50 x 2mm	kg	9.00				
7.1810	Machine Bolts ( 10 mm dia. )	pc	104.00				
7.2200	12mmØ Sag Rods with Standard Nuts and Washers	pc	39.00				
7.1900	Plain Round Bar 16mmØ x 6m	pc	7.00				
7.2000	Turn Buckle 16 mmØ	pc	7.00				
	Anchor Bolt with Nuts and Washer, 12mmØ x 50mm x 300mm	pc	16.00				
7.1100	Steel Plate 1.20m x 2.40m x 6mm thk	pc	1.00				
7.1200	Steel Plate 1.20m x 2.40m x 10mm thk	pc	1.00				
7.3600	Welding Rod	kg	17.00				
13.1100	Primer, Zinc Chromate	gal	2.00				
	<b>Sub-total</b>						
<b>8.0000</b>	<b>Roofing Works</b>						
	<i>Total replacement of roofing sheets and accessories</i>						
8.0100	Removal of Roofing Sheets	sq m	56.00				
8.0200	Removal of Ridge Roll	pc	4.00				
8.0300	Removal of Flashing	pc	7.00				
8.0500	Removal of Fascia Board	pc	8.00				
	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	lm	78.00				
	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	7.00				
	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	4.00				
9.1430	Fascia Board, Fiber Cement 12" x 8'	pc	8.00				
7.1040	L 20 x 20 x 2mm	kg	35.00				
7.1020	L 38 x 38 x 4.5mm	kg	53.00				
	3" Flat head Countersunk screw	pc	166.00				
8.0900	J-Bolt (6mm dia.)	pc	336.00				
	Teckscrew 2-¾"	pc	671.00				
8.1300	Roof Sealant	L	2.00				
	<b>Sub-total</b>						
<b>9.0000</b>	<b>Carpentry Works</b>						
	<i>Total replacement of all exterior and interior Ceiling including ceiling joist and others</i>						
	<i>Interior Ceiling</i>	sq.m	43.00				
9.0100	Removal of Ceiling	sq.m	43.00				
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	15.00				
	50 mm x 50 mm Ceiling Joist	bd.ft	85.00				
	50 mm x 75 mm Ceiling Joist	bd.ft	130.00				
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	215.00				



9.2100	Finishing Nails	kg	1.00				
4.0400	CWN, Assorted	kg	4.00				
9.2200	Concrete Nails	kg	1.00				
9.1900	Wood Preservative, Brown	L	2.00				
	<i>Exterior Ceiling</i>	sq m	21.00				
9.0100	Removal of Ceiling	sq.m	21.00				
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	7.00				
	50 mm x 50 mm Ceiling Joist	bd.ft	63.00				
	50 mm x 75 mm Ceiling Joist	bd.ft	60.00				
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	122.00				
9.2100	Finishing Nails	kg	1.00				
4.0400	CWN, Assorted	kg	3.00				
9.2200	Concrete Nails	kg	1.00				
9.1900	Wood Preservative, Brown	L	1.00				
9.1400	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	2.00				
	<b>Sub-total</b>						
<b>10.0000</b>	<b>Electrical Works</b>						
	<i>Total replacement of existing electrical wirings and fixtures.</i>						
	<i>Roughing-ins</i>						
10.0100	Electrical Conduit uPVC, 15mmØ	pc	12.00				
10.0200	RSC 20mmØ	pc	1.00				
10.0800	Entrance Cap 20mm dia.	pc	1.00				
10.1200	Junction Box, 4" x 4" G.I.	pc	4.00				
10.1300	Utility Box, 2" x 4" G.I.	pc	4.00				
10.1400	Grounding Rod, 2.4m x 16mm dia.	pc	1.00				
	<i>Wires &amp; Fixtures</i>						
10.1600	3.5 mm <sup>2</sup> THHN Wire, Stranded	m	58.00				
10.1700	5.5 mm <sup>2</sup> THHN Wire, Stranded	m	10.00				
10.1710	8.0 mm <sup>2</sup> THHN Wire, Stranded	m	10.00				
10.2700	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	2.00				
10.3200	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	1.00				
10.2900	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	pc	1.00				
10.3400	2 - 36W, 230V, 60Hz, AC Fluorescent Lighting Fixture, (Box Type) - LED	set	4.00				
10.3500	1 - 36W, 230V, 60Hz, AC Fluorescent Lighting Fixture, (Box Type) - LED	set	1.00				

	LED Bulb 9W with Medium Base Keyless Type Porcelain Receptacle	pc	1.00					
10.3700	Panel Box, Flush Type, 4 Branches	set	1.00					
10.4410	Circuit Breaker, 60A 2P	set	1.00					
10.4100	Circuit Breaker, 20A 2P	set	3.00					
10.5100	Fire Alarm Bell, Vibrating Type	set	1.00					
10.5000	Push Button, 10A, 230V	set	1.00					
10.5400	Wall Fan, 60W, 230V, 60Hz with outlet and accessories	set	2.00					
10.5500	Electrical Tape (BIG)	pc	1.00					
	Fire Extinguisher 10lbs with cabinet and complete accessories (as Fire Department required)	set	1.00					
	<b>Sub-Total</b>							
<b>11.0000</b>	<b>Plumbing Works</b>							
	Rehabilitation/ repair/ replacement or provision of accessories (floor drains, grab rails, tissue holder, etc.)	units	1.00					
	Repair/replacement of all damages plumbing/water lines including other accessories	l.m	10.00					
	Replacement of faucet	pc	1.00					
	Replacement of all toilet bowl	set	1.00					
	<b>Sub-Total</b>							
<b>13.0000</b>	<b>Painting Works</b>							
	<i>Follow Standard DEPED Color Scheme and use certified lead-safe paints/ coatings</i>							
	<i>Interior and exterior Ceiling</i>	sq.m	64.00					
13.0600	Enamel, Flatwall	gal	4.00					
13.0800	Enamel, Semi Gloss	gal	4.00					
13.0700	Glazing Putty	gal	4.00					
13.0900	Paint Thinner	gal	2.00					
	<i>Doors and others</i>	sq.m	17.10					
13.0600	Enamel, Flatwall	gal	1.00					
13.0800	Enamel, Semi Gloss	gal	1.00					
13.0700	Glazing Putty	gal	1.00					
13.0900	Paint Thinner	gal	1.00					
	<i>Concrete surfaces</i>	sq m	140.00					
13.0100	Neutralizer	gal	7.00					
13.0200	Latex, Flat	gal	14.00					
13.0300	Masonry Putty	gal	6.00					
13.0400	Latex, Semi Gloss	gal	5.00					
13.0500	Acri Color	qrt	4.00					
	<i>Steel Surfaces</i>							
13.1210	Primer, Red Oxide	gal	1.00					
	Enamel, Quick Dry	gal						

			1.00					
13.0900	Paint Thinner	gal	1.00					
	<b>Sub-Total</b>							
<b>14.0000</b>	<b>Tile Works</b>							
	Wall( <i>color for approval</i> )	sq.m	5.76					
14.0710	Glazed Wall Tiles 20cm x 20cm	pc	149.00					
14.1600	Tile Adhesive 25 kg/bag	bag	2.00					
14.1300	Tile Trim 6mm	pc	4.00					
14.1500	Tile Grout 5 kg/bag	bag	1.00					
	Flooring( <i>color for approval</i> )	sq.m	1.80					
14.0210	Unglazed Floor Tiles 20cm x 20cm	pc	47.00					
14.1600	Tile Adhesive 25 kg/bag	bag	1.00					
14.1500	Tile Grout 5 kg/bag	bag	1.00					
	<b>Sub-Total</b>							
I	<b>DIRECT COST</b>							<b>0.00</b>
II.	<b>INDIRECT COST 22% of (I - Gen. Req'ts.)</b>							<b>0.00</b>
III	<b>TAX 5% of (I + II)</b>							<b>0.00</b>
IV	<b>TOTAL CONSTRUCTION COST (I + II + III)</b>							<b>0.00</b>

Prepared by:

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Contractor's Representative

**BLANK PROGRAM OF WORKS  
BILL OF QUANTITIES  
&  
DETAILED ESTIMATES**

**PEDRO GABUYAN SR. MEMORIAL  
ELEMENTARY SCHOOL (MAYAPOSI ES)  
MABINAY, NEGROS ORIENTAL**

# CONTRACTOR'S LOGO

## PROGRAM OF WORKS

### BILL OF QUANTITIES

**REPAIR 2021 - RVII - Negros Oriental - 003**

<b>School: PEDRO GOBUYAN SR. MEMORIAL ELEMENTARY SCHOOL</b>			<b>Date: March 12, 2021</b>				
<b>School ID: 120374</b>			<b>Budget Allocation:</b>		<b>PHP 1,965,466.89</b>		
<b>Region: REGION VII</b>			<b>Engineering and Administrative Overhead:</b>				
<b>Division: NEGROS ORIENTAL</b>			<b>Approved Budget for Contract:</b>		<b>PHP 1,965,466.89</b>		
<b>Project Title:  REPAIR AND REHABILITATION OF SCHOOL BUILDINGS - (6 CLASSROOMS)</b>			<b>Completion Period: 120 CD</b>				
			<b>Minimum Required Manpower:</b>				
			General Foreman	Welder	Carpenter	Plumber	Helper
<b>Location:  MABINAY, NEGROS ORIENTAL</b>			<b>Minimum Required Equipment:</b>				
			Hand Tools	Welding Machine	Bar Cutter	One-Bagger Mixer	
Item No.	Item Description	% of Total	Unit	Quantity	Total Cost	Remarks	
	<b>I. DIRECT COST</b>						
	<b>GENERAL REQUIREMENTS</b>		lot	1.00		with hauling cost	
<b>BUILDING 1 : ONE UNIT - TWO CLASSROOM TEPP BUILDING (7mx8m) (BUILDING 10) - 2CL</b>							
2.0000	Concreting Works		lot	1.00			
6.0000	Doors & Windows		lot	1.00			
7.0000	Steel Works		lot	1.00			
8.0000	Roofing Works		lot	1.00			
9.0000	Carpentry Works		lot	1.00			
10.0000	Electrical Works		lot	1.00			
11.0000	Plumbing Works		lot	1.00			
13.0000	Painting Works		lot	1.00			
14.0000	Tile Works		lot	1.00			
<b>BUILDING 2 : ONE UNIT - THREE CLASSROOM PAGCOR BUILDING (7mx9m) (BUILDING 7) - 3CL</b>							
2.0000	Concreting Works		lot	1.00			
5.0000	Masonry Works		lot	1.00			
6.0000	Doors & Windows		lot	1.00			
8.0000	Roofing Works		lot	1.00			
9.0000	Carpentry Works		lot	1.00			
10.0000	Electrical Works		lot	1.00			

13.0000	Painting Works		lot	1.00	
<b>BUILDING 3 : ONE UNIT - Permanent Classroom Makeshift/Library/Office (5mx6m) (BUILDING 8)-1CL</b>					
5.0000	Masonry Works		lot	1.00	
6.0000	Doors & Windows		lot	1.00	
8.0000	Roofing Works		lot	1.00	
9.0000	Carpentry Works		lot	1.00	
10.0000	Electrical Works		lot	1.00	
13.0000	Painting Works		lot	1.00	
	<b>Sub-Total</b>				
	<b>II. INDIRECT COST 22% of (I - Gen. Req'ts.)</b> Overhead Expenses (8%) Contingencies (3%) Miscellaneous (1%) Contractor's Profit (10%) <b>Sub-Total</b>				
	<b>III. TAX 5% of (I+II)</b> <b>Sub-Total</b>				
	<b>IV. TOTAL CONSTRUCTION COST (I + II + III)</b>				

Prepared by:

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Contractor's  
Representative

# CONTRACTOR'S LOGO

## PROGRAM OF WORKS

### DETAILED COST ESTIMATE

PROJECT : REPAIR AND REHABILITATION OF SCHOOL BUILDINGS - (6 CLASSROOMS)  
 SCHOOL : PEDRO GOBUYAN MEMORIAL ELEMENTARY SCHOOL  
 LOCATION : MABINAY, NEGROS ORIENTAL  
 OWNER : DEPARTMENT OF EDUCATION

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
	<b>GENERAL REQUIREMENTS</b>							
	Mobilization/Temporary Structures, Utilities and Services/Demobilization	lot	1.00					
	Safety and Health	lot	1.00					
	Project Billboard	lot	1.00					
	Fire Safety Inspection Certificate (FSIC)	lot	1.00					
	Hauling cost	lot	1.00					
	<b>Sub-total</b>							
<b>BUILDING 1 : ONE UNIT - TWO CLASSROOM TEPP BUILDING (7mx8m) (BUILDING 10) - 2CL</b>								
<b>2.0000</b>	<b>Concreting Works</b>							
	<i>Ramp on Fill (with Ramp Railing)</i>	cu.m	0.54					
2.0200	Portland Cement	bag	5.00					
2.0400	Crushed Gravel 1"	cu.m	0.75					
2.0500	Washed Sand	cu.m	0.50					
5.0400	10mm x 6m RSB	kg	23.28					
3.1200	G.I. Tie Wire	kg	1.00					
7.2610	G.I. Pipe 1-½"Ø Sch. 40	pc	6.00					
7.3600	Welding Rod	kg	3.00					
	<b>Sub-total</b>							
<b>6.0000</b>	<b>Doors &amp; Windows</b>							
6.0100	Removal of Door with Jamb	set	6.00					
6.0200	Removal of Window with Jamb	sq.m	25.00					
	<i>Replacement of New Doors</i>							

6.0330	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob) and provision of fixed glass transom (standard size)	set	4.00				
	<b>Replacement of toilet doors</b>						
6.0430	D-3, Flush Door 0.60m x 2.10m with complete accessories	set	2.00				
	<b>Provision of new windows</b>						
	W - 1, ( 3.6 x 1.8 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and (2" x 4") Aluminum Tubular Jamb complete with Accessories	set	2.00				
6.1050	W - 2, ( 2.4 x 1.8 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and (2" x 4") Aluminum Tubular Jamb complete with Accessories	set	2.00				
	Provision of repair for deteriorated/damage window grilles	sq.ft	50.00				
	<b>Sub-total</b>						
<b>7.0000</b>	<b>Steel Works</b>						
	Replacement of deteriorated and damaged Trusses and Members	kg	250.00				
13.1100	Primer, Zinc Chromate	gal	5.00				
	<b>Provision of railings along corridor</b>						
7.2620	G.I. Pipe 1"Ø Sch.40 x 6m	pcs	7.00				
7.2600	G.I. Pipe 2"Ø Sch.40 x 6m	pcs	3.00				
	Square Bar 10 mm2 X 6 m	pcs	19.00				
7.3600	Welding rod	kg	7.00				
	<b>Sub-total</b>						
<b>8.0000</b>	<b>Roofing Works</b>						
	<b>Total replacement of roofing sheets and accessories</b>						
8.0100	Removal of Roofing Sheets	sq m	168.00				
8.0200	Removal of Ridge Roll	pc	7.00				
8.0300	Removal of Flashing	pc	9.00				
8.0500	Removal of Fascia Board	pc	22.00				
	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	lm	190.00				
	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	9.00				
	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	7.00				
9.1430	Fascia Board, Fiber Cement 12" x 8'	pc	22.00				



7.1040	L 20 x 20 x 2mm	kg	98.00				
7.1020	L 38 x 38 x 4.5mm	kg	66.00				
	3" Flat head Countersunk screw	pc	372.00				
8.0900	J-Bolt (6mm dia.)	pc	1,060.00				
	Teckscrew 2-3/4"	pc	2,068.00				
8.1300	Roof Sealant	L	4.00				
	<b>Sub-total</b>						
<b>9.0000</b>	<b>Carpentry Works</b>						
	<b>Total replacement of all exterior and interior Ceiling including ceiling joist</b>						
	Repair / replacement of end wall louver window or air vent	pc	2.00				
	Provision of repair for cabinet lavatory	pc	4.00				
	<b>Interior Ceiling</b>	sq.m	112.00				
9.0100	Removal of Ceiling	sq.m	112.00				
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	39.00				
	50 mm x 50 mm Ceiling Joist	bd.ft	228.00				
	50 mm x 75 mm Ceiling Joist	bd.ft	260.00				
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	572.00				
9.2100	Finishing Nails	kg	3.00				
4.0400	CWN, Assorted	kg	11.00				
9.2200	Concrete Nails	kg	3.00				
9.1900	Wood Preservative, Brown	L	4.00				
	<b>Exterior Ceiling</b>	sq m	47.00				
9.0100	Removal of Ceiling	sq.m	47.00				
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	16.00				
	50 mm x 50 mm Ceiling Joist	bd.ft	149.00				
	50 mm x 75 mm Ceiling Joist	bd.ft	136.00				
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	285.00				
9.2100	Finishing Nails	kg	2.00				
4.0400	CWN, Assorted	kg	6.00				
9.2200	Concrete Nails	kg	2.00				
9.1900	Wood Preservative, Brown	L	2.00				
9.1400	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	8.00				
	<b>Blackboards</b>						
9.1800	S4S Lumber, Kiln Dried, Tanguile	bd.ft	74.00				
9.2000	Lawanit, 1/4" thk	pc	4.00				
9.2100	Finishing Nails	kg	1.00				
4.0400	CWN, Assorted	kg	2.00				
9.2200	Concrete Nails	kg	1.00				
	<b>Sub-total</b>						

<b>10.0000</b>	<b>Electrical Works</b>							
	<b>Total replacement of existing electrical wirings and fixtures.</b>							
	<b>Roughing-ins</b>							
10.0100	Electrical Conduit uPVC, 15mmØ	pc	24.00					
10.0490	RSC 20mmØ	pc	1.00					
10.0800	Entrance Cap 20mm dia.	pc	1.00					
10.1200	Junction Box, 4" x 4" G.I.	pc	8.00					
10.1300	Utility Box, 2" x 4" G.I.	pc	4.00					
10.1400	Grounding Rod, 2.4m x 16mm dia.	pc	1.00					
	<b>Wires &amp; Fixtures</b>							
10.1600	3.5 mm <sup>2</sup> THHN Wire, Stranded	m	230.00					
10.1700	5.5 mm <sup>2</sup> THHN Wire, Stranded	m	10.00					
10.2700	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	4.00					
10.3200	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	2.00					
10.2900	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	set	2.00					
10.3610	FL 1 x 40W Industrial Type - LED	set	12.00					
	LED Bulb 9W with Medium Base Keyless Type Porcelain Receptacle	pc	2.00					
10.3700	Panel Box, Flush Type, 4 Branches	set	1.00					
10.4410	Circuit Breaker, 60A 2P	set	1.00					
10.4100	Circuit Breaker, 20A 2P	set	3.00					
10.4900	Vibrating Bell 8"	set	1.00					
10.5000	Push Button, 10A, 230V	set	1.00					
10.54	Wall Fan, 60W, 230V, 60Hz	set	4.00					
10.5500	Electrical Tape (Big)	pc	1.00					
	<b>Sub-Total</b>							
<b>11.0000</b>	<b>Plumbing Works</b>							
	Repair of plumbing / pipings including replacement of damaged accessories	l.m	10.00					
	<b>Sub-Total</b>							
<b>13.0000</b>	<b>Painting Works</b>							
	<b>Follow Standard DEPED Color Scheme and use certified lead-safe paints/coatings</b>							
	<b>Interior and exterior Ceiling</b>	sq.m	5.00					
13.06	Enamel, Flatwall	gal	8.00					
13.0800	Enamel, Semi Gloss	gal	16.00					
13.0700	Glazing Putty	gal	8.00					
13.0900	Paint Thinner	gal	8.00					
	<b>Doors and window jambs</b>	sq.m	26.00					
13.0600	Enamel, Flatwall	gal	3.00					

13.0800	Enamel, Semi Gloss	gal	3.00					
13.0700	Glazing Putty	gal	6.00					
13.0900	Paint Thinner	gal	3.00					
	<b>Concrete surfaces</b>	sq m	240.80					
13.0100	Neutralizer	gal	13.00					
13.0200	Latex, Flat	gal	25.00					
13.0300	Masonry Putty	gal	10.00					
13.04	Latex, Semi Gloss	gal	9.00					
13.05	Acri Color	qrt	6.00					
	<b>Steel Surfaces( railings, doors )</b>							
13.1210	Primer, Red Oxide	gal	3.00					
	Enamel, Quick Dry	gal	3.00					
13.0900	Paint Thinner	gal	3.00					
	<b>Sub-Total</b>							
<b>14.0000</b>	<b>Tile Works</b>							
	<b>Provision of tiles for existing lavatory sink</b>							
	<b>Color for approval</b>	sq.m	2.60					
14.0710	Glazed Wall Tiles 20cm x 20cm	pc	67.00					
14.1600	Tile Adhesive 25 kg/bag	bag	1.00					
14.1300	Tile Trim 6mm	pc	3.00					
14.1500	Tile Grout 5 kg/bag	bag	1.00					
	<b>Sub-Total</b>							
<b>BUILDING 2 : ONE UNIT - THREE CLASSROOM PAGCOR BUILDING (7mx9m) (BUILDING 7) - 3CL</b>								
<b>2.0000</b>	<b>Concreting Works</b>							
	<b>Reflooring 4" thk of classrooms including corridor with rebars @0.6 center to center (remove existing flooring)</b>	cu.m	19.00					
2.0200	Portland Cement	bag	171.00					
2.0300	Crushed Gravel 1"	cu.m	19.00					
2.0500	Washed Sand	cu.m	9.50					
3.0500	Deformed Round Bars, Grade 40 (10mm RSB)	kg	450.00					
3.1200	G.I. Tie Wire	kg	18.00					
	<b>Ramp on Fill (with Ramp Railing)</b>	cu.m	0.54					
2.0200	Portland Cement	bag	5.00					
2.0400	Crushed Gravel 1"	cu.m	0.75					
2.0500	Washed Sand	cu.m	0.50					
5.0400	10mm x 6m RSB	kg	23.28					
3.1200	G.I. Tie Wire	kg	1.00					
7.2610	G.I. Pipe 1-½"Ø Sch. 40	pc	6.00					
7.3600	Welding Rod	kg	3.00					
	<b>Sub-total</b>							
<b>5.0000</b>	<b>Masonry Works</b>							

	<b>Provision of plastering of unplastered walls of CR and repair of cracks</b>							
	<i>Plastering</i>	sq.m	50.00					
2.0200	Portland Cement	bag	17.00					
2.0500	Washed Sand	cu.m	2.00					
	<b>Sub-total</b>							
<b>6.0000</b>	<b>Doors &amp; Windows</b>							
6.0100	Removal of Door with Jamb	set	7.00					
6.0200	Removal of Window with Jamb	sq.m	25.00					
	Provision new sets of doors							
6.0330	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	6.00					
	Replacement of toilet door							
6.0430	D-3, Flush Door 0.60m x 2.10m with complete accessories	set	1.00					
	<i>Provision of new windows</i>							
6.1040	W - 1, ( 2.6 x 1.6 m) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 150 mm Wooden Jamb complete with Accessories with grilles	set	6.00					
6.1050	W - 2, ( 1.3 x 1.6 m) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 150 mm Wooden Jamb complete with Accessories with grilles	set	6.00					
	<b>Sub-total</b>							
<b>8.0000</b>	<b>Roofing Works</b>							
	<b>Application of roof sealant</b>							
8.1300	Roof Sealant	L	10.00					
	<b>Sub-total</b>							
<b>9.0000</b>	<b>Carpentry Works</b>							
	<b>Total replacement of exterior and interior Ceiling</b>							
	<b>Interior ceiling</b>	sq m	189.00					
9.0100	Removal of Ceiling	sq.m	189.00					
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	66.00					
	50 mm x 50 mm Ceiling Joist	bd.ft	383.88					
	50 mm x 75 mm Ceiling Joist	bd.ft	551.21					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	936.00					
9.2100	Finishing Nails	kg	5.00					
4.0400	CWN, Assorted	kg	18.00					

9.2200	Concrete Nails	kg	5.00					
9.1900	Wood Preservative, Brown	L	6.00					
	<b>Exterior Ceiling</b>	sq m	69.12					
9.0100	Removal of Ceiling	sq.m	69.12					
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	24.00					
	50 mm x 50 mm Ceiling Joist	bd.ft	245.75					
	50 mm x 75 mm Ceiling Joist	bd.ft	<u>153.03</u>					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	398.08					
9.2100	Finishing Nails	kg	2.00					
4.0400	CWN, Assorted	kg	8.00					
9.2200	Concrete Nails	kg	2.00					
9.1900	Wood Preservative, Brown	L	3.00					
9.1400	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	10.00					
	<b>Blackboards</b>	sq.m	17.28					
9.1800	S4S Lumber, Kiln Dried, Tanguile	bd.ft	111.00					
9.2000	Lawanit, 1/4" thk	pc	6.00					
9.2100	Finishing Nails	kg	2.00					
4.0400	CWN, Assorted	kg	3.00					
9.2200	Concrete Nails	kg	2.00					
	<b>Sub-total</b>							
<b>10.0000</b>	<b>Electrical Works</b>							
	<b>Total replacement of electrical wires and fixtures</b>							
	<b>Roughing-ins</b>							
10.0100	Electrical Conduit uPVC, 15mmØ	pc	36.00					
10.0490	RSC 20mmØ	pc	1.00					
10.0800	Entrance Cap 20mm dia.	pc	1.00					
10.1200	Junction Box, 4" x 4" G.I.	pc	12.00					
10.1300	Utility Box, 2" x 4" G.I.	pc	6.00					
10.1400	Grounding Rod, 2.4m x 16mm dia.	pc	1.00					
	<b>Wires &amp; Fixtures</b>							
10.1600	3.5 mm <sup>2</sup> THHN Wire, Stranded	m	345.00					
10.1700	5.5 mm <sup>2</sup> THHN Wire, Stranded	m	15.00					
10.2700	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	6.00					
10.3200	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	3.00					
10.2900	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	set	1.00					

10.3610	FL 1 x 40W Industrial Type - LED	set	18.00					
	LED Bulb 9W with Medium Base Keyless Type Porcelain Receptacle	pc	1.00					
10.3700	Panel Box, Flush Type, 4 Branches	set	1.00					
10.4410	Circuit Breaker, 60A 2P	set	1.00					
10.4100	Circuit Breaker, 20A 2P	set	3.00					
10.4900	Vibrating Bell 8"	set	1.00					
10.5000	Push Button, 10A, 230V	set	1.00					
10.5400	Wall Fan, 60W, 230V, 60Hz	set	6.00					
10.5500	Electrical Tape (Big)	pc	1.00					
	<b>Sub-Total</b>							
<b>13.0000</b>	<b>Painting Works</b>							
	<i>Follow Standard DEPED Color Scheme</i>							
	<b>Concrete surfaces</b>	sq.m	517.73					
13.0100	Neutralizer	gal	8.00					
13.0200	Latex, Flat	gal	21.00					
13.0300	Masonry Putty	gal	21.00					
13.0400	Latex, Semi Gloss	gal	21.00					
13.0500	Acri Color	qrt	6.00					
	<b>Interior and exterior Ceiling</b>	sq.m	258.12					
13.0600	Enamel, Flatwall	gal	14.00					
13.0800	Enamel, Semi Gloss	gal	2.00					
13.0700	Glazing Putty	gal	14.00					
13.0800	Enamel, Semi Gloss	gal	14.00					
13.0900	Paint Thinner	gal	8.00					
	<b>Doors and Windows Jambs</b>	sq.m	79.50					
13.0600	Enamel, Flatwall	gal	5.00					
13.0700	Glazing Putty	gal	5.00					
13.0800	Enamel, Semi Gloss	gal	5.00					
13.0900	Paint Thinner	gal	3.00					
	<b>Roofing and Accessories</b>	sq.m	236.50					
13.1210	Primer, Red Oxide	gal	21.00					
13.1300	Gloss Acrylic Roof Paint	gal	21.00					
13.0900	Paint Thinner	gal	9.00					
	<b>Steel Surfaces</b>							
13.1210	Primer, Red Oxide	gal	3.00					
	Enamel, Quick Dry	gal	3.00					
13.0900	Paint Thinner	gal	3.00					
	<b>Sub-Total</b>							
<b>BUILDING 3 : ONE UNIT - Permanent Classroom Makeshift/Library/Office (5mx6m) (BUILDING 8)-1CL</b>								
<b>5.0000</b>	<b>Masonry Works</b>							
	<i>Provision of plastering of unplastered walls of CR and repair of cracks</i>							
	<i>Plastering</i>	sq.m	30.00					
2.0200	Portland Cement	bag	10.00					
2.0500	Washed Sand	cu.m	1.00					
	<b>Sub-total</b>							

<b>6.0000</b>	<b>Doors &amp; Windows</b>							
6.0100	Removal of Door with Jamb	set	2.00					
	<b>Provision of 2 additional door (condemned 2 bays of window)</b>							
6.0330	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob) and punch of hole for new door	set	1.00					
	<b>Replacement of toilet door and stock room door and exit door</b>							
6.0430	D-3, Flush Door 0.60m x 2.10m with complete accessories	set	2.00					
	<b>Provision of new windows</b>							
6.1050	W - 2, ( 1.3 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	5.00					
	<b>Sub-total</b>							
<b>8.0000</b>	<b>Roofing Works</b>							
	<b>Total replacement of roofing sheets and accessories</b>							
	Removal of all existing roofing sheet and other accessories	m	68.00					
8.0600	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	m	68.00					
8.1000	Teckscrew 2-1/2"	pc	450.00					
8.1300	Roof Sealant	L	1.00					
	<b>Sub-total</b>							
<b>9.0000</b>	<b>Carpentry Works</b>							
	<b>Replacement of deteriorated and damaged trusses and purlins and application of wood preservative</b>							
9.0070	Removal of Wooden Truss	bd.ft	100.00					
9.0080	Removal of Purlins	bd.ft	120.00					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	220.00					
4.0400	CWN, Assorted	kg	3.00					
9.1900	Wood Preservative, Brown	L	2.00					
	<b>Total replacement of exterior and interior Ceiling</b>							
	<b>Interior and exterior Ceiling</b>	sq.m	41.40					
9.0100	Removal of Ceiling	sq.m	42.00					
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	15.00					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	181.00					

9.2100	Finishing Nails	kg	1.00				
4.0400	Common Wire Nails	kg	4.00				
9.2200	Concrete Nails	kg	1.00				
9.1900	Wood Preservative, Brown	L	2.00				
9.1400	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide wire mesh inside)	pc	2.00				
9.1430	Fascia Board, Fiber Cement 10" x 8'	pc	5.00				
	<b>Sub-total</b>						
<b>10.0000</b>	<b>Electrical Works</b>						
	<b>Total replacement of existing electrical wirings and fixtures.</b>						
	<b>Roughing-ins</b>						
10.0100	Electrical Conduit uPVC, 15mmØ	pc	10.00				
10.0490	RSC 20mmØ	pc	1.00				
10.0800	Entrance Cap 20mm dia.	pc	1.00				
10.1200	Junction Box, 4" x 4" G.I.	pc	5.00				
10.1300	Utility Box, 2" x 4" G.I.	pc	5.00				
10.1400	Grounding Rod, 2.4m x 16mm dia.	pc	1.00				
	<b>Wires &amp; Fixtures</b>						
	3.5 mm2 THW Wire, Stranded	m	80.00				
	5.5 mm2 THW Wire, Stranded	m	4.00				
10.2700	Duplex C.O. with Plate	pc	2.00				
10.2900	Single C.O. with Plate	pc	2.00				
10.3200	3-Gang Switch with Plate	pc	1.00				
	LED Bulb 20W with Medium Base Keyless Type Porcelain Receptacle	set	5.00				
10.3700	Panel Box, Flush Type, 4 Branches	set	1.00				
10.4300	Circuit Breaker, 40A 2P	set	1.00				
10.4100	Circuit Breaker, 20A 2P	set	3.00				
10.4900	Vibrating Bell 8"	set	1.00				
10.5000	Push Button, 10A, 230V	set	1.00				
10.5500	Electrical Tape	pc	2.00				
10.5400	Wall Fan	pc	2.00				
	<b>Sub-Total</b>						
<b>13.0000</b>	<b>Painting Works</b>						
	<b>Follow Standard DEPED Color Scheme</b>						
	<b>Wood Surfaces including Comfort rooms and doors</b>						
	<b>Wood Surfaces and doors</b>	sq.m	111.19				
13.0600	Enamel, Flatwall	gal	4.00				
13.0800	Enamel, Semi Gloss	gal	4.00				
13.0700	Glazing Putty	gal	4.00				
13.0900	Paint Thinner	gal	4.00				
	<b>Concrete surfaces</b>	sq m	165.00				



13.02	Latex, Flat	gal	5.00					
13.04	Latex, Semi Gloss	gal	5.00					
13.0300	Masonry Putty	gal	5.00					
13.01	Neutralizer	gal	2.00					
13.05	Acri Color	qrt	2.00					
	Removal of existing painting	sq.m	165.00					
	<b>Sub-Total</b>							<b>0.00</b>
I	<b>DIRECT COST</b>							<b>0.00</b>
II.	<b>INDIRECT COST 22% of (I - Gen. Req'ts.)</b>							<b>0.00</b>
III	<b>TAX 5% of (I + II)</b>							<b>0.00</b>
IV	<b>TOTAL CONSTRUCTION COST (I + II + III)</b>							<b>0.00</b>

Prepared by:

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Contractor's Representative

**BLANK PROGRAM OF WORKS  
BILL OF QUANTITIES  
&  
DETAILED ESTIMATES**

**SAN ROQUE PRIMARY SCHOOL  
SAN JOSE, NEGROS ORIENTAL**

# CONTRACTOR'S LOGO

## PROGRAM OF WORKS

### BILL OF QUANTITIES

REPAIR 2021 - RVII - Negros Oriental - 002

<b>School : SAN ROQUE PRIMARY SCHOOL</b>			<b>Date: March 12, 2021</b>				
<b>School ID : 120437</b>			<b>Budget Allocation: PHP 1,966,423.02</b>				
<b>Region: REGION VII</b>			<b>Engineering and Administrative Overhead:</b>				
<b>Division: NEGROS ORIENTAL</b>			<b>Approved Budget for Contract: PHP 1,966,423.02</b>				
<b>Project Title:</b>  <b>PROPOSED REPAIR AND REHABILITATION OF SCHOOL BUILDINGS - (4 CLASSROOMS)</b>			<b>Completion Period: 120 CD</b>				
			<b>Minimum Required Manpower:</b>				
			General Foreman	Welder	Carpenter	Plumber	Helper
<b>Location:</b>  <b>SAN JOSE, NEGROS ORIENTAL</b>			<b>Minimum Required Equipment:</b>				
			Hand Tools	Welding Machine			
			One-Bagger Mixer	Bar Cutter			
<b>Item No.</b>	<b>Item Description</b>	<b>% of Total</b>	<b>Unit</b>	<b>Quantity</b>	<b>Total Cost</b>	<b>Remarks</b>	
	<b>I. DIRECT COST</b>		<b>lot</b>	<b>1.00</b>			
	<b>GENERAL REQUIREMENTS</b>					with hauling cost	
<b>BUILDING 1 : ONE UNIT - ONE CLASSROOM FVR BUILDING(7mx8m) WITH ATTACHED PERMANENT MAKESHIFT (BUILDING 1) - 2CL</b>							
2.0000	Concreting Works		lot	1.00			
5.0000	Masonry Works		lot	1.00			
6.0000	Doors & Windows		lot	1.00			
8.0000	Roofing Works		lot	1.00			
7.0000	Steel works		lot	1.00			
9.0000	Carpentry Works		lot	1.00			
10.0000	Electrical Works		lot	1.00			
11.0000	Plumbing Works		lot	1.00			
13.0000	Painting Works		lot	1.00			
14.0000	Tile Works		lot	1.00			
<b>BUILDING 2 : ONE UNIT - TWO CLASSROOM FVR BUILDING (7mx8m) (BUILDING 2) - 2CL</b>							
2.0000	Concreting Works		lot	1.00			
5.0000	Masonry Works		lot	1.00			
6.0000	Doors & Windows		lot	1.00			
8.0000	Roofing Works		lot	1.00			
7.0000	Steel works		lot	1.00			
9.0000	Carpentry Works		lot	1.00			
10.0000	Electrical Works		lot	1.00			

11.0000	Plumbing Works		lot	1.00		
13.0000	Painting Works		lot	1.00		
14.0000	Tile Works		lot	1.00		
	<b>Sub-Total</b>					
	<b>II. INDIRECT COST 22% of (I - Gen. Req'ts.)</b>					
	Overhead Expenses (8%)					
	Contingencies (3%)					
	Miscellaneous (1%)					
	Contractor's Profit (10%)					
	<b>Sub-Total</b>					
	<b>III. TAX 5% of (I+II)</b>					
	<b>Sub-Total</b>					
	<b>IV. TOTAL CONSTRUCTION COST (I + II + III)</b>					

Prepared by:

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Contractor's  
Representative

# CONTRACTOR'S LOGO

## PROGRAM OF WORKS

### DETAILED COST ESTIMATE

PROJECT : PROPOSED REPAIR AND REHABILITATION OF SCHOOL BUILDINGS - (4 CLASSROOMS)

SCHOOL : SAN ROQUE PRIMARY SCHOOL

LOCATION : SAN JOSE, NEGROS ORIENTAL

OWNER : DEPARTMENT OF EDUCATION

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
	<b>GENERAL REQUIREMENTS</b>							
	Mobilization/Temporary Structures, Utilities and Services/Demobilization	lot	1.00					
	Safety and Health	lot	1.00					
	Project Billboard	lot	1.00					
	Fire Safety Inspection Certificate (FSIC)	lot	1.00					
	Hauling cost	lot	1.00					
	<b>Sub-total</b>							
<b>BUILDING 1 : ONE UNIT - ONE CLASSROOM FVR BUILDING(7mx8m) WITH ATTACHED PERMANENT MAKESHIFT (BUILDING 1)- 2CL</b>								
<b>2.0000</b>	<b>Concreting Works</b>							
	<i>Repair of stairs (CR and outdoor concrete stairs)</i>	cu.m	0.25					
2.0200	Portland Cement	bag	3.00					
2.0400	Crushed Gravel 1"	cu.m	0.25					
2.0500	Washed Sand	cu.m	0.25					
	<i>Ramp on Fill (with Ramp Railing)</i>	cu.m	0.85					
2.0200	Portland Cement	bag	8.00					
2.0400	Crushed Gravel 1"	cu.m	1.00					
2.0500	Washed Sand	cu.m	0.50					
5.0400	10mm x 6m RSB	kg	23.28					
3.1200	G.I. Tie Wire	kg	1.00					
7.2610	G.I. Pipe 1-½"Ø Sch. 40	pc	6.00					
7.3600	Welding Rod	kg	3.00					
	<b>Sub-total</b>							

<b>5.0000</b>	<b>Masonry Works</b>							
	<b>Provision of completion of rear wall and front wall of attached makeshift.</b>							
	<b>Masonry Wall</b>	sq.m	11.00					
5.0300	CHB 4" thk	pc	138.00					
2.0200	Portland Cement	bag	4.00					
2.0500	Washed Sand	cu.m	1.00					
3.0500	10mm x 6m RSB	kg	15.00					
3.1200	G.I. Tie Wire	kg	1.00					
	<b>Provision of plastering at CR rear side and attached makeshift</b>							
	<b>Plastering</b>	sq.m	32.00					
2.0200	Portland Cement	bag	11.00					
2.0500	Washed Sand	cu.m	2.00					
	<b>Sub-total</b>							
<b>6.0000</b>	<b>Doors &amp; Windows</b>							
	<b>Provision of additional 1 door including attached makeshift and condemn 2 bays of window at front side</b>							
6.0100	Removal of Door with Jamb	set	2.00					
6.0330	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	3.00					
6.0430	D-3 Flush Door 0.60m x 2.10m (match existing) on 150mm Wooden Jamb complete with Accessories	set	1.00					
	<b>Provision of new windows</b>							
	W - 1, ( 2.6 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	1.00					
	<b>Provision of new windows for Classroom</b>							
6.1050	W - 2, ( 1.3 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	3.00					
	<b>Provision of new windows for attached Makeshift</b>							

6.1050	W - 3, ( 1.2 x 1.2 m) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	2.00					
6.1510	Window Grille (WG - 1)	set	1.00					
6.1520	Window Grille (WG - 2)	set	3.00					
6.1530	Window Grille (WG - 3)	set	2.00					
	<b>Sub-total</b>							
<b>8.0000</b>	<b>Roofing Works</b>							
	<b>Total replacement of roofing sheets and accessories including attached makeshift</b>							
8.0100	Removal of Roofing Sheets	sq m	126.00					
8.0200	Removal of Ridge Roll	pc	5.00					
8.0300	Removal of Flashing	pc	6.00					
8.0500	Removal of Fascia Board	pc	17.00					
	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	lm	145.00					
	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	7.00					
	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	6.00					
9.1430	Fascia Board, Fiber Cement 12" x 8'	pc	17.00					
7.1040	L 20 x 20 x 2mm	kg	74.00					
7.1020	L 38 x 38 x 4.5mm	kg	50.00					
	3" Flat head Countersunk screw	pc	279.00					
8.0900	J-Bolt (6mm dia.)	pc	795.00					
	Teckscrew 2-3/4"	pc	1,551.00					
8.1300	Roof Sealant	L	3.00					
	<b>Sub-total</b>							
<b>7.0000</b>	<b>Steel works</b>							
	<i>Replacement of all wooden Trusses and Members into steel Trusses and Members including attached makeshift</i>							
	<b>Trusses and Members</b>							
9.0070	Removal of Wooden Truss/ Beams	bd.ft	560.00					
9.0080	Removal of Purlins	bd.ft	331.00					
7.0900	L 50 x 50 x 6mm	kg	1,577.00					
7.0200	2" x 4" x 1.5mm C - purlins	kg	851.00					
7.1010	L 50 x 50 x 2mm	kg	16.00					

7.1810	Machine Bolts ( 10 mm dia. )	pc	195.00					
7.2200	12mmØ Sag Rods with Standard Nuts and Washers	pc	144.00					
7.1900	Plain Round Bar 16mmØ x 6m	pc	13.00					
7.2000	Turn Buckle 16 mmØ	pc	12.00					
	Anchor Bolt with Nuts and Washer, 12mmØ x 50mm x 300mm	pc	30.00					
	Anchor Bolt with Nuts and Washer, 10mmØ x 50mm x 150mm	pc	5.00					
7.1100	Steel Plate 1.20m x 2.40m x 6mm thk	pc	2.00					
7.1200	Steel Plate 1.20m x 2.40m x 10mm thk	pc	1.00					
7.3600	Welding Rod	kg	54.00					
13.1100	Primer, Zinc Chromate	gal	4.00					
	<b>Sub-Total</b>							
<b>9.0000</b>	<b>Carpentry Works</b>							
	<b>Total replacement of all exterior and interior Ceiling including ceiling joist and others and provision of ceiling for attached makeshift and cr</b>							
	Repair / replacement of end wall louver window or air vent	pc	2.00					
	<b>Interior Ceiling</b>	sq.m	84.00					
9.0100	Removal of Ceiling	sq.m	84.00					
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	30.00					
	50 mm x 50 mm Ceiling Joist	bd.ft	171.00					
	50 mm x 75 mm Ceiling Joist	bd.ft	260.00					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	429.00					
9.2100	Finishing Nails	kg	3.00					
4.0400	CWN, Assorted	kg	9.00					
9.2200	Concrete Nails	kg	3.00					
9.1900	Wood Preservative, Brown	L	3.00					
	<b>Exterior Ceiling</b>	sq m	35.00					
9.0100	Removal of Ceiling	sq.m	35.00					
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	12.00					
	50 mm x 50 mm Ceiling Joist	bd.ft	112.00					
	50 mm x 75 mm Ceiling Joist	bd.ft	102.00					
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	214.00					
9.2100	Finishing Nails	kg	2.00					
4.0400	CWN, Assorted	kg	5.00					
9.2200	Concrete Nails	kg	2.00					



9.1900	Wood Preservative, Brown	L	2.00				
9.1400	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	6.00				
	<b>Blackboards</b>						
9.1800	S4S Lumber, Kiln Dried, Tanguile	bd.ft	74.00				
9.2000	Lawanit, 1/4" thk	pc	4.00				
9.2100	Finishing Nails	kg	1.00				
4.0400	CWN, Assorted	kg	2.00				
9.2200	Concrete Nails	kg	1.00				
	<b>Sub-total</b>						
<b>10.0000</b>	<b>Electrical Works</b>						
	<b>Total replacement of existing electrical wirings and fixture including attached makeshift.</b>						
	Total replacement of existing electrical wirings and fixtures.						
	<b>Roughing-ins</b>						
10.0100	Electrical Conduit uPVC, 15mmØ	pc	18.00				
10.0490	RSC 20mmØ	pc	1.00				
10.0800	Entrance Cap 20mm dia.	pc	1.00				
10.1200	Junction Box, 4" x 4" G.I.	pc	6.00				
10.1300	Utility Box, 2" x 4" G.I.	pc	3.00				
10.1400	Grounding Rod, 2.4m x 16mm dia.	pc	1.00				
	<b>Wires &amp; Fixtures</b>						
10.1600	3.5 mm <sup>2</sup> THHN Wire, Stranded	m	173.00				
10.1700	5.5 mm <sup>2</sup> THHN Wire, Stranded	m	15.00				
10.2700	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	3.00				
10.3200	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	2.00				
10.2900	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	set	1.00				
10.3610	FL 1 x 40W Industrial Type - LED	set	9.00				
	LED Bulb 9W with Medium Base Keyless Type Porcelain Receptacle	pc	1.00				
10.3700	Panel Box, Flush Type, 4 Branches	set	1.00				
10.4410	Circuit Breaker, 60A 2P	set	1.00				
10.4100	Circuit Breaker, 20A 2P	set	3.00				
10.4900	Vibrating Bell 8"	set	1.00				

10.5000	Push Button, 10A, 230V	set	1.00				
10.5400	Wall Fan, 60W, 230V, 60Hz	set	4.00				
10.5500	Electrical Tape (Big)	pc	1.00				
	<b>Sub-Total</b>						
<b>11.0000</b>	<b>Plumbing Works</b>						
	Repair of plumbing / pipings including replacement of damaged accessories	l.m	10.00				
	<b>Sub-Total</b>						
<b>13.0000</b>	<b>Painting Works</b>						
	<i>Follow Standard DEPED Color Scheme and use certified lead-safe paints/coatings(including makeshift)</i>						
	<i>Interior and exterior Ceiling</i>	sq.m	5.00				
13.0600	Enamel, Flatwall	gal	2.00				
13.0800	Enamel, Semi Gloss	gal	2.00				
13.0700	Glazing Putty	gal	2.00				
13.0900	Paint Thinner	gal	2.00				
	<b>Doors and window jambs</b>	sq.m	26.00				
13.0600	Enamel, Flatwall	gal	2.00				
13.0800	Enamel, Semi Gloss	gal	2.00				
13.0700	Glazing Putty	gal	2.00				
13.0900	Paint Thinner	gal	2.00				
	<b>Concrete surfaces</b>	sq m	182.00				
13.0100	Neutralizer	gal	10.00				
13.0200	Latex, Flat	gal	19.00				
13.0300	Masonry Putty	gal	7.00				
13.0400	Latex, Semi Gloss	gal	7.00				
13.0500	Acri Color	qrt	5.00				
	<b>Steel Surfaces</b>						
13.1210	Primer, Red Oxide	gal	3.00				
	Enamel, Quick Dry	gal	3.00				
13.0900	Paint Thinner	gal	3.00				
	<b>Sub-Total</b>						
<b>14.0000</b>	<b>Tile Works</b>						
	<b>Wall - color for approval</b>	sq.m	3.24				
14.0710	Glazed Wall Tiles 20cm x 20cm	pc	84.00				
14.1600	Tile Adhesive 25 kg/bag	bag	1.00				
14.1300	Tile Trim 6mm	pc	3.00				
14.1500	Tile Grout 5 kg/bag	bag	1.00				
	<b>Sub-Total</b>						
<b>BUILDING 2 : ONE UNIT - TWO CLASSROOM FVR BUILDING (7mx8m) (BUILDING 2) - 2CL</b>							

<b>2.0000</b>	<b>Concreting Works</b>							
	<b>Ramp on Fill (with Ramp Railing)</b>	cu.m	0.54					
2.0200	Portland Cement	bag	5.00					
2.0400	Crushed Gravel 1"	cu.m	0.75					
2.0500	Washed Sand	cu.m	0.50					
5.0400	10mm x 6m RSB	kg	23.28					
3.1200	G.I. Tie Wire	kg	1.00					
7.2610	G.I. Pipe 1-½"Ø Sch. 40	pc	6.00					
7.3600	Welding Rod	kg	3.00					
	<b>Sub-total</b>							
<b>5.0000</b>	<b>Masonry Works</b>							
	<b>Provision of plastering of walls at CR's</b>							
	<b>Plastering</b>	sq.m	10.80					
2.0200	Portland Cement	bag	4.00					
2.0500	Washed Sand	cu.m	1.00					
	Provision of termite treatment	cu.m	2.00					
	<b>Sub-total</b>							
<b>6.0000</b>	<b>Doors &amp; Windows</b>							
	<b>Provision of additional 1 door and condemend 2 bays of window at front side</b>							
6.0100	Removal of Door with Jamb	set	4.00					
6.0330	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	4.00					
6.0430	D-3 Flush Door 0.60m x 2.10m (match existing) on 150mm Wooden Jamb complete with Accessories	set	2.00					
	<b>Provision of new windows</b>							
	W - 1, ( 2.6 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	2.00					
	<b>Provision of new windows for Classroom</b>							
6.1050	W - 2, ( 1.3 x 1.6 m or match existing) Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame and Fixed Clear Glass Transom on 50 x 100 mm(2" x 4") Aluminum Tubular Jamb complete with Accessories	set	6.00					

	Provision of repair for deteriorated/damage window grilles	l.m	10.00				
	<b>Sub-total</b>						
<b>8.0000</b>	<b>Roofing Works</b>						
	<b>Total replacement of roofing sheets and accessories</b>						
8.0100	Removal of Roofing Sheets	sq m	168.00				
8.0200	Removal of Ridge Roll	pc	7.00				
8.0300	Removal of Flashing	pc	9.00				
8.0500	Removal of Fascia Board	pc	22.00				
	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	lm	190.00				
	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	9.00				
	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	7.00				
9.1430	Fascia Board, Fiber Cement 12" x 8'	pc	22.00				
7.1040	L 20 x 20 x 2mm	kg	98.00				
7.1020	L 38 x 38 x 4.5mm	kg	66.00				
	3" Flat head Countersunk screw	pc	372.00				
8.0900	J-Bolt (6mm dia.)	pc	1,060.00				
	Teckscrew 2-3/4"	pc	2,068.00				
8.1300	Roof Sealant	L	4.00				
	<b>Sub-total</b>						
<b>7.0000</b>	<b>Steel works</b>						
	<b>Replacement of all wooden Trusses and Members into steel Trusses and Members</b>						
	<b>Trusses and Members</b>						
9.0070	Removal of Wooden Truss/ Beams	bd.ft	1,119.00				
9.0080	Removal of Purlins	bd.ft	662.00				
7.0900	L 50 x 50 x 6mm	kg	2,103.00				
7.0200	2" x 4" x 1.5mm C - purlins	kg	1,135.00				
7.1010	L 50 x 50 x 2mm	kg	22.00				
7.1810	Machine Bolts ( 10 mm dia. )	pc	260.00				
7.2200	12mmØ Sag Rods with Standard Nuts and Washers	pc	192.00				
7.1900	Plain Round Bar 16mmØ x 6m	pc	18.00				
7.2000	Turn Buckle 16 mmØ	pc	16.00				
	Anchor Bolt with Nuts and Washer, 12mmØ x 50mm x 300mm	pc	40.00				

	Anchor Bolt with Nuts and Washer, 10mmØ x 50mm x 150mm	pc	6.00				
7.1100	Steel Plate 1.20m x 2.40m x 6mm thk	pc	2.00				
7.1200	Steel Plate 1.20m x 2.40m x 10mm thk	pc	1.00				
7.3600	Welding Rod	kg	72.00				
13.1100	Primer, Zinc Chromate	gal	5.00				
	<b>Sub-Total</b>						
<b>9.0000</b>	<b>Carpentry Works</b>						
	<b>Total replacement of all exterior and interior Ceiling including ceiling joist</b>						
	Repair / replacement of end wall louver window or air vent	pc	2.00				
	<b>Interior Ceiling</b>	sq.m	112.00				
9.0100	Removal of Ceiling	sq.m	112.00				
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	39.00				
	50 mm x 50 mm Ceiling Joist	bd.ft	228.00				
	50 mm x 75 mm Ceiling Joist	bd.ft	260.00				
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	572.00				
9.2100	Finishing Nails	kg	3.00				
4.0400	CWN, Assorted	kg	11.00				
9.2200	Concrete Nails	kg	3.00				
9.1900	Wood Preservative, Brown	L	4.00				
	<b>Exterior Ceiling</b>	sq m	47.00				
9.0100	Removal of Ceiling	sq.m	47.00				
9.0500	Plywood, Marine 1/4" x 4' x 8'	pc	16.00				
	50 mm x 50 mm Ceiling Joist	bd.ft	149.00				
	50 mm x 75 mm Ceiling Joist	bd.ft	136.00				
9.1700	Rough Lumber, Sun Dried, Tanguile	bd.ft	285.00				
9.2100	Finishing Nails	kg	2.00				
4.0400	CWN, Assorted	kg	6.00				
9.2200	Concrete Nails	kg	2.00				
9.1900	Wood Preservative, Brown	L	2.00				
9.1400	25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside)	pc	8.00				
	<b>Blackboards</b>						
9.1800	S4S Lumber, Kiln Dried, Tanguile	bd.ft	74.00				
9.2000	Lawanit, 1/4" thk	pc	4.00				

9.2100	Finishing Nails	kg	1.00				
4.0400	CWN, Assorted	kg	2.00				
9.2200	Concrete Nails	kg	1.00				
	<b>Sub-total</b>						
<b>10.0000</b>	<b>Electrical Works</b>						
	<b>Total replacement of existing electrical wirings and fixture</b>						
	Total replacement of existing electrical wirings and fixtures.						
	<b>Roughing-ins</b>						
10.0100	Electrical Conduit uPVC, 15mmØ	pc	24.00				
10.0490	RSC 20mmØ	pc	1.00				
10.0800	Entrance Cap 20mm dia.	pc	1.00				
10.1200	Junction Box, 4" x 4" G.I.	pc	8.00				
10.1300	Utility Box, 2" x 4" G.I.	pc	4.00				
10.1400	Grounding Rod, 2.4m x 16mm dia.	pc	1.00				
	<b>Wires &amp; Fixtures</b>						
10.1600	3.5 mm <sup>2</sup> THHN Wire, Stranded	m	230.00				
10.1700	5.5 mm <sup>2</sup> THHN Wire, Stranded	m	10.00				
10.2700	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	4.00				
10.3200	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	2.00				
10.2900	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	set	2.00				
10.3610	FL 1 x 40W Industrial Type - LED	set	12.00				
	LED Bulb 9W with Medium Base Keyless Type Porcelain Receptacle	pc	2.00				
10.3700	Panel Box, Flush Type, 4 Branches	set	1.00				
10.4410	Circuit Breaker, 60A 2P	set	1.00				
10.4100	Circuit Breaker, 20A 2P	set	3.00				
10.4900	Vibrating Bell 8"	set	1.00				
10.5000	Push Button, 10A, 230V	set	1.00				
10.5400	Wall Fan, 60W, 230V, 60Hz	set	4.00				
10.5500	Electrical Tape (Big)	pc	1.00				
	<b>Sub-Total</b>						
<b>11.0000</b>	<b>Plumbing Works</b>						
	Repair of plumbing / pipings including replacement of damaged accessories	l.m	10.00				
	<b>Sub-Total</b>						

<b>13.0000</b>	<b>Painting Works</b>							
	<i>Follow Standard DEPED Color Scheme and use certified lead-safe paints/coatings</i>							
	<b>Interior and exterior Ceiling</b>	sq.m	5.00					
13.0600	Enamel, Flatwall	gal	8.00					
13.0800	Enamel, Semi Gloss	gal	16.00					
13.0700	Glazing Putty	gal	8.00					
13.0900	Paint Thinner	gal	8.00					
	<b>Doors and window jambs</b>	sq.m	26.00					
13.0600	Enamel, Flatwall	gal	3.00					
13.0800	Enamel, Semi Gloss	gal	3.00					
13.0700	Glazing Putty	gal	6.00					
13.0900	Paint Thinner	gal	3.00					
	<b>Concrete surfaces</b>	sq m	240.80					
13.0100	Neutralizer	gal	13.00					
13.0200	Latex, Flat	gal	25.00					
13.0300	Masonry Putty	gal	10.00					
13.0400	Latex, Semi Gloss	gal	9.00					
13.0500	Acri Color	qrt	6.00					
	<b>Steel Surfaces</b>							
13.1210	Primer, Red Oxide	gal	3.00					
	Enamel, Quick Dry	gal	3.00					
13.0900	Paint Thinner	gal	3.00					
	<b>Sub-Total</b>							
<b>14.0000</b>	<b>Tile Works</b>							
	<b>Wall - color for approval</b>	sq.m	6.48					
14.0710	Glazed Wall Tiles 20cm x 20cm	pc	167.00					
14.1600	Tile Adhesive 25 kg/bag	bag	2.00					
14.1300	Tile Trim 6mm	pc	3.00					
14.1500	Tile Grout 5 kg/bag	bag	1.00					
	<b>Flooring - color for approval</b>	sq.m	1.44					
14.0210	Unglazed Floor Tiles 20cm x 20cm	pc	38.00					
14.1600	Tile Adhesive 25 kg/bag	bag	1.00					
14.1500	Tile Grout 5 kg/bag	bag	1.00					
	<b>Sub-Total</b>							
<b>I</b>	<b>DIRECT COST</b>							
<b>II.</b>	<b>INDIRECT COST 22% of (I - Gen. Req'ts.)</b>							
<b>III</b>	<b>TAX 5% of (I + II)</b>							
<b>IV</b>	<b>TOTAL CONSTRUCTION COST (I + II + III)</b>							

Prepared by:

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Contractor's Representative

**BLANK PROGRAM OF WORKS  
BILL OF QUANTITIES  
&  
DETAILED ESTIMATES**

**SANTIAGO DELMO MEMORIAL HIGH  
SCHOOL (MALUAY HS)  
ZAMBOANGUITA, NEGROS ORIENTAL**



# CONTRACTOR'S LOGO

## PROGRAM OF WORKS

### BILL OF QUANTITIES

REPAIR 2021 - RVII - Negros Oriental - 004

<b>School : SANTIAGO DELMO MEMORIAL HIGH SCHOOL</b>			<b>Date: March 18, 2021</b>			
<b>School ID: 303249</b>			<b>Budget Allocation: PHP 8,901,004.30</b>			
<b>Region: REGION VII - CENTRAL VISAYAS</b>			<b>Engineering and Administrative Overhead:</b>			
<b>Division: NEGROS ORIENTAL</b>			<b>Approved Budget for Contract: PHP 8,901,004.30</b>			
<b>Project Title: REPAIR AND REHABILITATION OF SCHOOL BUILDING (20 CLASSROOMS)</b>			<b>Completion Period: 150 calendar days</b>			
			<b>Minimum Required Manpower:</b> General Foreman   Welder   Carpenter   Plumber Helper   Mason   Painter   Electrician			
<b>Plan:</b>			<b>Minimum Required Equipment:</b>			
<b>Location: ZAMBOANGUITA, NEGROS ORIENTAL</b>			Hand Tools		Welding Machine	
			One-Bagger Mixer		Bar Cutter	
Item NO.	Item Description	% of Total	Unit	Quantity	Total Cost	Remarks
	<b>I. DIRECT COST</b>					
A	<b>GENERAL REQUIREMENTS</b>		lot	1.00		
<b>BUILDING 1 : ONE UNIT - TWO STOREY, TWO CLASSROOM FVR 2000 BUILDING (BUILDING 2) - 2 CL</b>						
6.00	Doors and Windows		lot	1.00		
7.00	Steel Works		lot	1.00		
8.00	Roofing Works		lot	1.00		
9.00	Ceiling and Carpentry Works		lot	1.00		
10.00	Electrical Works		lot	1.00		
13.00	Painting Works		lot	1.00		
	Ramp on Fill (with Ramp Railing)		lot	1.00		
<b>BUILDING 2 : ONE UNIT THREE (3) - SEATER TOILET (BUILDING 4)</b>						
6.00	Doors and Windows		lot	1.00		
8.00	Roofing Works		lot	1.00		
9.00	Ceiling and Carpentry Works		lot	1.00		
10.00	Electrical Works		lot	1.00		
	Plumbing Works/ Sanitary Works		lot	1.00		
13.00	Painting Works		lot	1.00		
<b>BUILDING 3 : ONE UNIT - TWO CLASSROOM FVR 2000 BUILDING (BUILDING 6) - 2 CL</b>						
1.00	Earthworks		lot	1.00		
2.00	Concreting Works		lot	1.00		
3.00	Rebar Works		lot	1.00		
4.00	Formworks		lot	1.00		
5.00	Masonry Works		lot	1.00		

6.00	Doors and Windows		lot	1.00	
7.00	Steel Works		lot	1.00	
8.00	Roofing Works		lot	1.00	
9.00	Ceiling and Carpentry Works		lot	1.00	
10.00	Electrical Works		lot	1.00	
13.00	Painting Works		lot	1.00	
	Ramp on Fill (with Ramp Railing)		lot	1.00	
<b>BUILDING 4 : ONE UNIT FOUR (4) - SEATER TOILET (BUILDING 7)</b>					
6.00	Doors and Windows		lot	1.00	
8.00	Roofing Works		lot	1.00	
9.00	Ceiling and Carpentry Works		lot	1.00	
10.00	Electrical Works		lot	1.00	
	Plumbing Works/ Sanitary Works		lot	1.00	
13.00	Painting Works		lot	1.00	
<b>BUILDING 5 : ONE UNIT - TWO CLASSROOM FVR (BUILDING 9) - 2 CL</b>					
5.00	Masonry Works		lot	1.00	
6.00	Doors and Windows		lot	1.00	
7.00	Steel Works		lot	1.00	
8.00	Roofing Works		lot	1.00	
9.00	Ceiling and Carpentry Works		lot	1.00	
10.00	Electrical Works		lot	1.00	
13.00	Painting Works		lot	1.00	
	Ramp on Fill (with Ramp Railing)		lot	1.00	
<b>BUILDING 6 : ONE UNIT - ONE CLASSROOM FVR 2000 (BUILDING 11) - 1 CL</b>					
5.00	Masonry Works		lot	1.00	
6.00	Doors and Windows		lot	1.00	
7.00	Steel Works		lot	1.00	
8.00	Roofing Works		lot	1.00	
9.00	Ceiling and Carpentry Works		lot	1.00	
10.00	Electrical Works		lot	1.00	
13.00	Painting Works		lot	1.00	
	Ramp on Fill (with Ramp Railing)		lot	1.00	
<b>BUILDING 7 : ONE UNIT THREE (3) - SEATER TOILET (BUILDING 13)</b>					
6.00	Doors and Windows		lot	1.00	
8.00	Roofing Works		lot	1.00	
9.00	Ceiling and Carpentry Works		lot	1.00	
10.00	Electrical Works		lot	1.00	
	Plumbing Works/ Sanitary Works		lot	1.00	
13.00	Painting Works		lot	1.00	
<b>BUILDING 8 : ONE UNIT - SEDP - C BUILDING WITH FIVE CLASSROOMS, LIBRARY, GUIDANCE, SCIENCE LABORATORY AND TLE BUILDING (BUILDING 14) - 8 CL</b>					
2.00	Concreting Works		lot	1.00	
3.00	Rebar Works		lot	1.00	
4.00	Formworks		lot	1.00	
5.00	Masonry Works		lot	1.00	
6.00	Doors and Windows		lot	1.00	
8.00	Roofing Works		lot	1.00	
9.00	Ceiling and Carpentry Works		lot	1.00	

10.00	Electrical Works		lot	1.00	
	Plumbing Works/ Sanitary Works/ Tile works		lot	1.00	
13.00	Painting Works		lot	1.00	
	Ramp on Fill (with Ramp Railing)		lot	1.00	
<b>BUILDING 9 : ONE UNIT THREE (3) - SEATER TOILET (BUILDING 15)</b>					
6.00	Doors and Windows		lot	1.00	
8.00	Roofing Works		lot	1.00	
9.00	Ceiling and Carpentry Works		lot	1.00	
10.00	Electrical Works		lot	1.00	
	Plumbing Works/ Sanitary Works		lot	1.00	
13.00	Painting Works		lot	1.00	
<b>BUILDING 10 : ONE UNIT - THREE CLASSROOM PSIP BUILDING (BUILDING 17) - 3 CL</b>					
6.00	Doors and Windows		lot	1.00	
8.00	Roofing Works		lot	1.00	
9.00	Ceiling and Carpentry Works		lot	1.00	
10.00	Electrical Works		lot	1.00	
13.00	Painting Works		lot	1.00	
	Ramp on Fill (with Ramp Railing)		lot	1.00	
<b>BUILDING 11 : ONE UNIT - TWO CLASSROOM PAGCOR BUILDING (BLDG. 18) - 2 CL</b>					
1.00	Earthworks		lot	1.00	
2.00	Concreting Works		lot	1.00	
3.00	Rebar Works		lot	1.00	
4.00	Formworks		lot	1.00	
5.00	Masonry Works		lot	1.00	
6.00	Doors and Windows		lot	1.00	
7.00	Steel Works		lot	1.00	
8.00	Roofing Works		lot	1.00	
9.00	Ceiling and Carpentry Works		lot	1.00	
10.00	Electrical Works		lot	1.00	
	Plumbing Works/ Sanitary Works		lot	1.00	
13.00	Painting Works		lot	1.00	
	Ramp on Fill (with Ramp Railing)		lot	1.00	
<b>BUILDING 12 : ONE UNIT - TWO STOREY, SIX CLASSROOM SENIOR HIGH SCHOOL BUILDING (BUILDING 16) - 6 CL</b>					
6.00	Doors and Windows		lot	1.00	
8.00	Roofing Works		lot	1.00	
9.00	Ceiling and Carpentry Works		lot	1.00	
10.00	Electrical Works		lot	1.00	
13.00	Painting Works		lot	1.00	
	<b>Sub-Total</b>				
<b>II. INDIRECT COST 17% of (I - Gen. Req'ts.)</b>					
	Overhead Expenses (5%)				
	Contingencies (3%)				
	Miscellaneous (1%)				
	Contractor's Profit (8%)				
	<b>Sub-Total</b>				

	<b>III. TAX 5% of (I+II) Sub-Total</b>					
	<b>IV. TOTAL CONSTRUCTION COST (I + II + III)</b>					

Prepared by:

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Contractor

# CONTRACTOR'S LOGO

## PROGRAM OF WORKS DETAILED COST ESTIMATE

PROJECT : REPAIR AND REHABILITATION OF SCHOOL BUILDINGS - 20 CLASSROOMS  
 SCHOOL : SANTIAGO DELMO MEMORIAL HIGH SCHOOL  
 LOCATION : ZAMBOANGUITA, NEGROS ORIENTAL  
 OWNER : DEPARTMENT OF EDUCATION

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
A	<b>GENERAL REQUIREMENTS</b>							
	Mobilization/Temporary Structures, Utilities and Services/Demobilization	lot	1.00					
	Safety and Health	lot	1.00					
	Project Billboard	lot	1.00					
	Fire Safety Inspection Certificate (FSIC)	lot	1.00					
	Hauling cost	lot	1.00					
	<b>Sub-total</b>							
<b>BUILDING 1 : ONE UNIT - TWO STOREY, TWO CLASSROOM FVR 2000 BUILDING (BUILDING 2) - 2 CL</b>								
6.00	<b>Doors &amp; Windows</b>							
	<i>Provision of new doors (2 doors per room)</i>							
6.03	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	4.00					
	<i>Replacement of toilet door/ stock room door</i>							
6.46	D-3 Flush Door 0.60m x 2.10m on 150mm Wooden Jamb complete with Accessories	set	2.00					
	<i>Repair of damaged windows (replace damaged parts - match existing) considering provision of 1 additional door per room</i>							
	Repair of damaged windows (replace damaged parts - match existing) considering provision of 1 additional door per room	s.m	12.48					
6.01	Removal of Door with Jamb	set	6.00					
	<b>Sub-total</b>							
7.00	<b>Steel Works</b>							
	<i>Trusses and Members</i>							

9.34	Removal of Wooden Truss	bd.ft	671.40					
9.35	Removal of Purlins	bd.ft	397.20					
7.0900	L 50 x 50 x 6mm	kg	798.00					
7.0200	2" x 4" x 1.5mm C-purlins	kg	681.00					
7.1010	L 50 x 50 x 2mm	kg	13.20					
7.1810	Machine Bolts (10 mm dia.)	pc	156.00					
7.2200	12mmØ Sag Rods with Standard Nuts and washers	pc	115.20					
7.20	Plain Round Bar 16mmØ x 6m	pc	10.80					
7.31	Turn Buckle 16 mmØ	pc	9.60					
7.33	Anchor Bolt with Nuts and Washer, 16mmØ x 50mm x 300mm	pc	24.00					
7.25	Steel Plate 1.20m x 2.40m x 10mm	pc	1.50					
7.24	Steel Plate 1.20m x 2.40m x 12mm	pc	0.30					
7.46	Welding Rod	kg	33.00					
13.12	Primer, Zinc Chromate	gal	3.00					
	<b>Re-fitting and re-installation of door and window grills considering provision of additional door per room</b>							
	Re-fitting and re-installation of door and window grills considering provision of additional door per room	s.m	5.38					
	<b>Sub-total</b>							
8.00	<b>Roofing Works</b>							
	<b>Replacement of roofing sheets, ridge roll and flashing</b>							
8.16	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	m	106.00					
8.17	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	5.00					
8.19	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	10.00					
8.35	Teckscrew 2-1/2"	pc	742.00					
8.36	Roof Sealant	L	2.00					
8.01	Removal of Roofing Sheets	sq.m	92.83					
8.02	Removal of Ridge Roll	pc	5.00					
8.03	Removal of Flashing	pc	10.00					
8.05	Removal of Fascia Board	pc	18.00					
7.1040	L 20 x 20 x 2mm	kg	65.33					
7.1020	L 38 x 38 x 4.5mm	kg	66.00					
	3" Flat head Countersunk screw	pc	186.00					
8.0900	J-Bolt (6mm dia.)	pc	636.00					
8.37	Blind Rivets	pc	160.00					
	<b>Sub-total</b>							
9.00	<b>Ceiling and Carpentry</b>							

	<b>Works</b>							
	<b>Replacement of deteriorated ceiling boards and deteriorated ceiling joists including toilet</b>							
9.01	Removal of Ceiling	sq.m	56.00					
	Interior ceiling	s.m.	56.00					
9.13	Rough Lumber, Sun Dried, Tanguile	bd.ft.	146.00					
9.02	Plywood, Ordinary 1/4" x 4' x 8'	pc.	20.00					
9.22	Finishing Nails	kg	2.00					
9.23	Common Wire Nails	kg	3.00					
9.24	Concrete Nails	kg	2.00					
9.42	Wood Preservative, Brown	L	3.00					
	<i>Exterior Ceiling</i>	sq.m	25.97					
	<b>Replacement of exterior ceiling and deteriorated ceiling joists including toilet</b>							
9.13	Rough Lumber, Sun Dried, Tanguile	bd.ft.	113.00					
9.06	Plywood, Marine 1/4" x 4' x 8'	pc.	9.00					
9.22	Finishing Nails	kg	1.00					
9.23	Common Wire Nails	kg	3.00					
9.24	Concrete Nails	kg	1.00					
9.42	Wood Preservative, Brown	L	1.00					
9.18	Fascia Board, Fiber Cement 12" x 8'	pc	18.00					
9.15	Ceiling Vent 1" x 12" x 4' with Screen	pc	4.00					
	<i>Blackboards</i>	sq.m.	6.00					
	<b>Replacement of blackboards</b>							
9.14	S4S Lumber, Kiln Dried, Tanguile	bd.ft.	37.00					
9.43	Lawanit, 1/4" thk	pc.	2.00					
9.22	Finishing Nails	kg	1.00					
9.23	Common Wire Nails	kg	1.00					
9.24	Concrete Nails	kg	1.00					
	<b>Sub-total</b>							
10.00	<b>Electrical Works</b>							
	<b>Total replacement of existing electrical wirings and fixtures including re-installation of ceiling fans</b>							
	Removal of existing Electrical wires and fixtures	s.m	56.00					
	<i>Roughing-ins</i>							
10.01	Electrical Conduit uPVC, 15mmØ	pc	48.00					
10.06	RSC 20mmØ	pc	1.00					
10.34	Entrance Cap 20mm dia.	pc	1.00					
10.16	Junction Box, 4" x 4" G.I.	pc	12.00					
10.17	Utility Box, 2" x 4" G.I.	pc	8.00					

10.37	Grounding Rod, 2.4m x 16mm dia.	pc	1.00					
	<i>Wires &amp; Fixtures</i>							
10.11	3.5 mm <sup>2</sup> THHN Wire, Stranded	m	288.00					
10.12	5.5 mm <sup>2</sup> THHN Wire, Stranded	m	10.00					
10.28	Duplex Convenience Outlet, Grounding Type, 20A, 250V	pc	6.00					
10.25	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	pc	2.00					
10.23	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	pc	2.00					
10.3610	FL 1 x 40W Industrial Type LED Lamp	set	14.00					
	LED Bulb 9 W with Medium Base Keyless Type Porcelain Receptacle	pc	2.00					
10.48	Panel Box, Flush Type, 4 Branches	set	1.00					
10.40	Circuit Breaker, 40A 2P	set	1.00					
10.38	Circuit Breaker, 20A 2P	set	3.00					
10.54	Vibrating Bell 8"	set	1.00					
10.5000	Push Button, 10A, 230V	set	1.00					
10.58	Electrical Tape	pc	3.00					
	<b>Provision of Wall fan</b>							
10.5400	Wall fan, 60W,230V, 60Hz	pc	2.00					
	<b>Sub-Total</b>							
13.00	<b>Painting Works</b>							
	<b>Wood Surfaces including interior and exterior ceiling, windows, doors and blackboards</b>							
	<i>Wood Surfaces</i>	sq.m	102.85					
13.04	Enamel, Flatwall	gal	6.00					
13.05	Enamel, Semi Gloss	gal	6.00					
13.16	Paint Thinner	gal	3.00					
	<b>All concrete surfaces</b>							
	<i>Concrete Surfaces</i>	sq m	309.16					
13.01	Latex, Flat	gal	13.00					
13.02	Latex, Semi Gloss	gal	13.00					
13.20	Acri Color	qrt	4.00					
	<b>Stair and Corridor Railings</b>							
	<i>Steel Railings</i>							
13.10	Primer, Red Oxide	gal	2.00					
13.06	Enamel, Quick Dry	gal	2.00					
13.16	Paint Thinner	gal	2.00					
	<b>Window grills</b>							
	Window grills							
13.10	Primer, Red Oxide	gal	1.00					
13.06	Enamel, Quick Dry	gal						



			1.00					
13.16	Paint Thinner	gal	1.00					
	Removal of existing painting	s.m	220.40					
	<b>Sub-Total</b>							
	<b>Ramp on Fill (with Ramp Railing)</b>	cu.m	0.54					
2.01	Portland Cement	bag	5.00					
2.05	Crushed Gravel 1"	cu.m	0.75					
2.03	Washed Sand	cu.m	0.50					
5.06	10mm x 6m RSB	kg	23.28					
3.02	G.I. Tie Wire	kg	1.00					
7.2610	G.I. Pipe 1-1/2"Ø Sch.40	pc	6.00					
7.46	Welding Rod	kg	3.00					
	<b>Sub-Total</b>							
<b>BUILDING 2 : ONE UNIT THREE (3) - SEATER TOILET (BUILDING 4)</b>								
6.00	<b>Doors and Windows</b>							
	<i>Replacement of doors</i>							
6.04	D-2 Flush Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	1.00					
6.05	D-3 Flush Door 0.70m x 2.10m on 150mm Wooden Jamb complete with Accessories	set	2.00					
	<b>Replacement of damaged windows including dilapidated window jambs</b>							
	Replacement of damaged windows including dilapidated window jambs	s.m	1.08					
	<b>Sub-total</b>							
8.00	<b>Roofing Works</b>							
8.36	Roof Sealant	L	1.00					
7.1020	L 38 x 38 x 4.5mm	kg	22.00					
	3" Flat head Countersunk screw	pc	124.00					
8.0900	J-Bolt (6mm dia.)	pc	424.00					
8.37	Blind Rivets	pc	54.00					
	<b>Sub-total</b>							
9.00	<b>Ceiling and Carpentry Works</b>							
	<i>Interior Ceiling</i>	sq.m	16.00					
	<i>Replacement of damaged interior ceiling</i>							
9.02	Plywood, Ordinary 1/4" x 4' x 8'	pc.	6.00					
9.22	Finishing Nails	kg	1.00					
9.42	Wood Preservative, Brown	L	1.00					
	<i>Exterior Ceiling</i>	sq.m	11.00					

	<i>Replacement of damaged interior ceiling</i>							
9.06	Plywood, Marine 1/4" x 4' x 8'	pc.	2.00					
9.22	Finishing Nails	kg	1.00					
9.42	Wood Preservative, Brown	L	1.00					
	<b>Sub-total</b>							
10.00	<b>Electrical Works</b>							
	<i>Repair/ rehabilitation of electrical wiring and fixtures</i>							
10.23	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	pc	4.00					
	LED Bulb 9 W with Medium Base Keyless Type Porcelain Receptacle	pc	4.00					
	<b>Sub-Total</b>							
	<b>Plumbing Works/ Sanitary Works</b>							
	<i>Repair/ Rehabilitation of plumbing and sanitary lines including replacement of toilet bowls and replacement of damaged fixtures</i>							
11.62	Water Closet 1.6gpf with Accessories	set	3.00					
11.06	PP-R Pipe 1/2"Ø	pc	3.00					
11.08	PP-R Coupling, 1/2"Ø	pc	2.00					
11.66	Teflon Tape	roll	1.00					
11.59	Faucet, Plain Bibb, Brass 1/2"Ø	pc	4.00					
	<b>Sub-Total</b>							
13.00	<b>Painting Works</b>							
	<b>Wood Surfaces</b>							
	<i>Wood Surfaces</i>	sq.m	35.82					
13.04	Enamel, Flatwall	gal	2.00					
13.05	Enamel, Semi Gloss	gal	2.00					
13.16	Paint Thinner	gal	1.00					
	<b>All concrete surfaces</b>							
	<i>Concrete Surfaces</i>	sq m	67.98					
13.01	Latex, Flat	gal	3.00					
13.02	Latex, Semi Gloss	gal	3.00					
13.20	Acri Color	qrt	1.00					
	<b>Roofing and Accessories</b>	sq.m	24.00					
13.13	Gloss Acrylic Roof Paint	gal	1.00					
13.16	Paint Thinner	gal	1.00					
	Removal of existing painting	s.m	19.14					
	<b>Sub-Total</b>							
<b>BUILDING 3 : ONE UNIT - TWO CLASSROOM FVR 2000 BUILDING (BUILDING 6) - 2 CL</b>								
1.00	<b>Earthworks</b>							
	<i>Replacement of wooden partition wall with new CHB partition wall</i>							

1.02	Structural Excavation	cu.m	2.19					
1.03	Backfilling and Compaction	cu.m	0.56					
1.04	Gravel Bedding G-1	cu.m	0.34					
1.05	Soil Poisoning	sq.m	6.24					
	<b>Sub-total</b>							
<b>2.00</b>	<b>Concreting Works</b>							
	<b>Provision of new column stiffener on new CHB partition wall at center (0.20m x 0.20m concrete dimension)</b>							
	Column at center (0.20m x 0.20m)	cu.m	0.12					
2.01	Portland Cement	bag	2.00					
2.02	Crushed Gravel 3/4"	cu.m	0.25					
2.03	Washed Sand	cu.m	0.25					
	<b>Provision of new concrete column footing on new CHB partition wall (0.25 x 0.8 x 0.8m)</b>							
	Concrete column footing on new column for new CHB partition wall	cu.m	0.16					
2.01	Portland Cement	bag	2.00					
2.02	Crushed Gravel 3/4"	cu.m	0.25					
2.03	Washed Sand	cu.m	0.25					
	<b>Provision of new concrete wall footing on new CHB partition wall (0.25 x 0.40m)</b>							
	Concrete wall footing on new CHB partition wall	cu.m	0.70					
2.01	Portland Cement	bag	7.00					
2.02	Crushed Gravel 3/4"	cu.m	0.75					
2.03	Washed Sand	cu.m	0.50					
	<b>Sub-total</b>							
<b>3.00</b>	<b>Rebar Works</b>							
	<b>Reinforcing deformed bars for new column stiffener, column footing and wall footing</b>							
3.01	Column footing using 16mm def bars (5 pcs bothways)	kg	12.64					
3.01	Wall footing using 10mm def bars (2 longitudinal bars with 10 mm def bar ties at 0.20 o.c.)	kg	17.25					
3.01	New column stiffener on partition wall using 4 - 16mm def bars and 10 mm ties	kg	30.08					
3.02	G.I. Tie Wire	kg	2.40					
	<b>Sub-total</b>							
<b>4.00</b>	<b>Formworks</b>							
	<b>Formworks for new column stiffener on partition wall</b>							
	New column on partition wall	sq.m	0.19					
4.01	Coco Lumber	bd.ft	1.00					

4.02	Plywood Ordinary, 1/4" x 4' x 8'	pc	1.00					
4.04	CWN, Assorted	kg	1.00					
	<b>Sub-total</b>							
<b>5.00</b>	<b>Masonry Works</b>							
	<b>Replacement of wooden partition wall with new CHB partition wall and covering of windows considering provision of additional door per room</b>							
	<i>Masonry Wall</i>	sq.m	22.80					
5.04	CHB 4" thk	pc	285.00					
5.02	Portland Cement	bag	8.00					
5.03	Washed Sand	cu.m	1.00					
5.06	10mm x 6m RSB	kg	31.00					
5.07	G.I. Tie Wire	kg	1.00					
	<b>Plastering/ smooth finishing of new masonry walls and unplastered portions of wall at rear and end walls and repair of cracks on walls</b>							
	<i>Plastering/ smooth finishing of walls</i>	sq.m	47.80					
5.02	Portland Cement	bag	16.00					
5.03	Washed Sand	cu.m	2.00					
	<i>Replacement of end wall louvers</i>							
5.08	Concrete Louver Blocks	pc	16.00					
	<b>Sub-total</b>							
<b>6.00</b>	<b>Doors &amp; Windows</b>							
	<b>Provision of 2 doors per room</b>							
6.03	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	4.00					
	<b>Repair of damaged windows (replace damaged parts - match existing) considering provision of 1 additional door per room</b>							
	Repair of damaged windows (replace damaged parts - match existing) considering provision of 1 additional door per room	s.m	8.32					
6.01	Removal of Door with Jamb	set	2.00					
	<b>Sub-total</b>							
<b>7.00</b>	<b>Steel Works</b>							
	<i>Trusses and Members</i>							
9.34	Removal of Wooden Truss	bd.ft	1,119.00					
9.35	Removal of Purlins	bd.ft	662.00					
7.0900	L 50 x 50 x 6mm	kg	1,330.00					
7.0200	2" x 4" x 1.5mm C-purlins	kg	1,135.00					

7.1010	L 50 x 50 x 2mm	kg	22.00					
7.1810	Machine Bolts (10 mm dia.)	pc	260.00					
7.2200	12mmØ Sag Rods with Standard Nuts and washers	pc	192.00					
7.20	Plain Round Bar 16mmØ x 6m	pc	18.00					
7.31	Turn Buckle 16 mmØ	pc	16.00					
7.33	Anchor Bolt with Nuts and Washer, 16mmØ x 50mm x 300mm	pc	40.00					
7.25	Steel Plate 1.20m x 2.40m x 10mm	pc	2.50					
7.24	Steel Plate 1.20m x 2.40m x 12mm	pc	0.50					
7.46	Welding Rod	kg	55.00					
13.12	Primer, Zinc Chromate	gal	5.00					
	<b>Re-fitting and re-installation of window grills considering provision of additional door per room</b>							
	Re-fitting and re-installation of window grills considering provision of additional door per room	sq.ft	4.00					
	<b>Sub-total</b>							
<b>8.00</b>	<b>Roofing Works</b>							
	<b>Replacement of roofing sheets, ridge roll and flashing</b>							
8.16	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	m	206.00					
8.17	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	9.00					
8.19	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	10.00					
8.35	Teckscrew 2-1/2"	pc	1,442.00					
8.36	Roof Sealant	L	4.00					
8.01	Removal of Roofing Sheets	sq.m	209.00					
8.02	Removal of Ridge Roll	pc	9.00					
8.03	Removal of Flashing	pc	10.00					
8.05	Removal of Fascia Board	pc	28.00					
7.1040	L 20 x 20 x 2mm	kg	98.00					
7.1020	L 38 x 38 x 4.5mm	kg	66.00					
	3" Flat head Countersunk screw	pc	372.00					
8.0900	J-Bolt (6mm dia.)	pc	1,272.00					
8.37	Blind Rivets	pc	160.00					
	<b>Sub-total</b>							
<b>9.00</b>	<b>Ceiling and Carpentry Works</b>							
	<b>Total replacement of interior and exterior ceiling</b>							

9.01	Removal of Ceiling	sq.m	181.90					
	<b>Replacement of deteriorated ceiling boards and deteriorated ceiling joists including toilet</b>							
	Interior ceiling	s.m.	112.00					
9.13	Rough Lumber, Sun Dried, Tanguile	bd.ft.	293.00					
9.02	Plywood, Ordinary 1/4" x 4' x 8'	pc.	39.00					
9.22	Finishing Nails	kg	3.00					
9.23	Common Wire Nails	kg	6.00					
9.24	Concrete Nails	kg	3.00					
9.42	Wood Preservative, Brown	L	4.00					
	<i>Exterior Ceiling</i>	sq.m	69.90					
	<b>Replacement of exterior ceiling and deteriorated ceiling joists including toilet</b>							
9.13	Rough Lumber, Sun Dried, Tanguile	bd.ft.	183.00					
9.06	Plywood, Marine 1/4" x 4' x 8'	pc.	24.00					
9.22	Finishing Nails	kg	2.00					
9.23	Common Wire Nails	kg	4.00					
9.24	Concrete Nails	kg	2.00					
9.42	Wood Preservative, Brown	L	3.00					
9.15	Ceiling Vent 1" x 12" x 4' with Screen	pc	6.00					
9.18	Fascia Board, Fiber Cement 12" x 8'	pc	28.00					
	<i>Blackboards</i>	sq.m.	12.00					
	<b>Replacement of blackboards</b>							
9.14	S4S Lumber, Kiln Dried, Tanguile	bd.ft.	74.00					
9.43	Lawanit, 1/4" thk	pc.	4.00					
9.22	Finishing Nails	kg	1.00					
9.23	Common Wire Nails	kg	2.00					
9.24	Concrete Nails	kg	1.00					
	<b>Sub-total</b>							
<b>10.00</b>	<b>Electrical Works</b>							
	<b>Total replacement of existing electrical wirings and fixtures including re-installation of ceiling and wall fans</b>							
	Removal of existing Electrical wires and fixtures	s.m	112.00					
	<i>Roughing-ins</i>							
10.01	Electrical Conduit uPVC, 15mmØ	pc	48.00					
10.06	RSC 20mmØ	pc	1.00					
10.34	Entrance Cap 20mm dia.	pc	1.00					
10.16	Junction Box, 4" x 4" G.I.	pc	12.00					
10.17	Utility Box, 2" x 4" G.I.	pc	8.00					

10.37	Grounding Rod, 2.4m x 16mm dia.	pc	1.00					
	<i>Wires &amp; Fixtures</i>							
10.11	3.5 mm <sup>2</sup> THHN Wire, Stranded	m	288.00					
10.12	5.5 mm <sup>2</sup> THHN Wire, Stranded	m	10.00					
10.28	Duplex Convenience Outlet, Grounding Type, 20A, 250V	pc	4.00					
10.25	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	pc	2.00					
10.3610	FL 1 x 40W Industrial Type LED Lamp	set	14.00					
10.48	Panel Box, Flush Type, 4 Branches	set	1.00					
10.40	Circuit Breaker, 40A 2P	set	1.00					
10.38	Circuit Breaker, 20A 2P	set	3.00					
10.54	Vibrating Bell 8"	set	1.00					
10.5000	Push Button, 10A, 230V	set	1.00					
10.58	Electrical Tape	pc	3.00					
	<b>Provision of Wall fan</b>							
10.5400	Wall fan, 60W,230V, 60Hz	set	4.00					
	<b>Sub-Total</b>							
<b>13.00</b>	<b>Painting Works</b>							
	<b>Wood Surfaces including interior and exterior ceiling, windows and doors and blackboards</b>							
	<i>Wood Surfaces</i>	sq.m	208.54					
13.04	Enamel, Flatwall	gal	11.00					
13.05	Enamel, Semi Gloss	gal	11.00					
13.16	Paint Thinner	gal	6.00					
	<b>All concrete surfaces</b>							
	<i>Concrete Surfaces</i>	sq m	221.52					
13.01	Latex, Flat	gal	9.00					
13.02	Latex, Semi Gloss	gal	9.00					
13.20	Acri Color	qrt	3.00					
	<b>Window grills</b>							
	Window grills							
13.10	Primer, Red Oxide	gal	1.00					
13.06	Enamel, Quick Dry	gal	1.00					
13.16	Paint Thinner	gal	1.00					
	Removal of existing painting	s.m	220.40					
	<b>Sub-Total</b>							
	<b>Ramp on Fill (with Ramp Railing)</b>	cu.m	0.54					
2.01	Portland Cement	bag	5.00					
2.05	Crushed Gravel 1"	cu.m	0.75					
2.03	Washed Sand	cu.m	0.50					
5.06	10mm x 6m RSB	kg	23.28					

3.02	G.I. Tie Wire	kg	1.00					
7.2610	G.I. Pipe 1-1/2"Ø Sch.40	pc	6.00					
7.46	Welding Rod	kg	3.00					
	<b>Sub-Total</b>							
<b>BUILDING 4 : ONE UNIT FOUR (4) - SEATER TOILET (BUILDING 7)</b>								
6.00	<b>Doors and Windows</b>							
	<i>Replacement of doors</i>							
6.04	D-2 Flush Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	1.00					
6.05	D-3 Flush Door 0.70m x 2.10m on 150mm Wooden Jamb complete with Accessories	set	3.00					
	<b>Replacement of damaged windows including dilapidated window jambs</b>							
	Replacement of damaged windows including dilapidated window jambs	s.m.	1.08					
	<b>Sub-total</b>							
8.00	<b>Roofing Works</b>							
8.36	Roof Sealant	L	1.00					
7.1020	L 38 x 38 x 4.5mm	kg	22.00					
	3" Flat head Countersunk screw	pc	124.00					
8.0900	J-Bolt (6mm dia.)	pc	424.00					
8.37	Blind Rivets	pc	54.00					
	<b>Sub-total</b>							
9.00	<b>Ceiling and Carpentry Works</b>							
	<i>Interior Ceiling</i>	sq.m	21.00					
	<i>Replacement of damaged interior ceiling</i>							
9.02	Plywood, Ordinary 1/4" x 4' x 8'	pc.	8.00					
9.22	Finishing Nails	kg	1.00					
9.42	Wood Preservative, Brown	L	1.00					
	<i>Exterior Ceiling</i>	sq.m	15.00					
	<i>Replacement of damaged interior ceiling</i>							
9.06	Plywood, Marine 1/4" x 4' x 8'	pc.	6.00					
9.22	Finishing Nails	kg	1.00					
9.42	Wood Preservative, Brown	L	1.00					
	<b>Sub-total</b>							
10.00	<b>Electrical Works</b>							
	<i>Repair/ rehabilitation of electrical wiring and fixtures</i>							
10.23	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	pc	5.00					



	LED Bulb 9 W with Medium Base Keyless Type Porcelain Receptacle	pc	5.00					
	<b>Sub-Total</b>							
	<b>Plumbing Works/ Sanitary Works</b>							
	<b>Repair/ Rehabilitation of plumbing and sanitary lines including replacement of toilet bowls and replacement of damaged fixtures</b>							
11.62	Water Closet 1.6gpf with Accessories	set	4.00					
11.06	PP-R Pipe 1/2"Ø	pc	4.00					
11.08	PP-R Coupling, 1/2"Ø	pc	3.00					
11.66	Teflon Tape	roll	1.00					
11.59	Faucet, Plain Bibb, Brass 1/2"Ø	pc	5.00					
	<b>Sub-Total</b>							
13.00	<b>Painting Works</b>							
	<b>Wood Surfaces</b>							
	<i>Wood Surfaces</i>	sq.m	47.34					
13.04	Enamel, Flatwall	gal	3.00					
13.05	Enamel, Semi Gloss	gal	3.00					
13.16	Paint Thinner	gal	2.00					
	<b>All concrete surfaces</b>							
	<i>Concrete Surfaces</i>	sq m	67.98					
13.01	Latex, Flat	gal	3.00					
13.02	Latex, Semi Gloss	gal	3.00					
13.20	Acri Color	qrt	1.00					
	<b>Roofing and Accessories</b>	sq.m	30.00					
13.13	Gloss Acrylic Roof Paint	gal	2.00					
13.16	Paint Thinner	gal	1.00					
	Removal of existing painting	s.m	28.74					
	<b>Sub-Total</b>							
<b>BUILDING 5 : ONE UNIT - TWO CLASSROOM FVR (BUILDING 9) - 2 CL</b>								
5.00	<b>Masonry Works</b>							
	<b>Covering of windows considering provision of additional door per room</b>							
	<i>Masonry Wall</i>	sq.m	1.80					
5.04	CHB 4" thk	pc	23.00					
5.02	Portland Cement	bag	1.00					
5.03	Washed Sand	cu.m	1.00					
5.06	10mm x 6m RSB	kg	3.00					
5.07	G.I. Tie Wire	kg	1.00					
	<b>Plastering/ smooth finishing of new masonry walls and unplastered portions of wall at rear and end walls and repair of cracks on walls</b>							
	<i>Plastering/ smooth finishing of walls</i>	sq.m	5.80					

5.02	Portland Cement	bag	2.00					
5.03	Washed Sand	cu.m	1.00					
	<b>Sub-total</b>							
<b>6.00</b>	<b>Doors &amp; Windows</b>							
	<i>Provision of 2 doors per room</i>							
6.03	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	4.00					
	<i>Repair of damaged windows (replace damaged parts - match existing) considering provision of 1 additional door per room</i>							
	Repair of damaged windows (replace damaged parts - match existing) considering provision of 1 additional door per room	s.m	8.32					
6.01	Removal of Door with Jamb	set	2.00					
	<b>Sub-total</b>							
<b>7.00</b>	<b>Steel Works</b>							
	<i>Trusses and Members</i>							
9.34	Removal of Wooden Truss	bd.ft	1,119.00					
9.35	Removal of Purlins	bd.ft	662.00					
7.0900	L 50 x 50 x 6mm	kg	1,330.00					
7.0200	2" x 4" x 1.5mm C-purlins	kg	1,135.00					
7.1010	L 50 x 50 x 2mm	kg	22.00					
7.1810	Machine Bolts (10 mm dia.)	pc	260.00					
7.2200	12mmØ Sag Rods with Standard Nuts and washers	pc	192.00					
7.20	Plain Round Bar 16mmØ x 6m	pc	18.00					
7.31	Turn Buckle 16 mmØ	pc	16.00					
7.33	Anchor Bolt with Nuts and Washer, 16mmØ x 50mm x 300mm	pc	40.00					
7.25	Steel Plate 1.20m x 2.40m x 10mm	pc	2.50					
7.24	Steel Plate 1.20m x 2.40m x 12mm	pc	0.50					
7.46	Welding Rod	kg	55.00					
13.12	Primer, Zinc Chromate	gal	5.00					
	<i>Re-fitting and re-installation of window grills considering provision of additional door per room</i>							
	Re-fitting and re-installation of window grills considering provision of additional door per room	sq.ft	8.00					
	<b>Sub-total</b>							
<b>8.00</b>	<b>Roofing Works</b>							

	<b>Replacement of roofing sheets, ridge roll and flashing</b>							
8.16	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	m	206.00					
8.17	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	9.00					
8.19	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	10.00					
8.35	Teckscrew 2-1/2"	pc	1,442.00					
8.36	Roof Sealant	L	4.00					
8.01	Removal of Roofing Sheets	sq.m	209.00					
8.02	Removal of Ridge Roll	pc	9.00					
8.03	Removal of Flashing	pc	10.00					
8.05	Removal of Fascia Board	pc	28.00					
7.1040	L 20 x 20 x 2mm	kg	98.00					
7.1020	L 38 x 38 x 4.5mm	kg	66.00					
	3" Flat head Countersunk screw	pc	372.00					
8.0900	J-Bolt (6mm dia.)	pc	1,272.00					
8.37	Blind Rivets	pc	160.00					
	<b>Sub-total</b>							
<b>9.00</b>	<b>Ceiling and Carpentry Works</b>							
	<b>Total replacement of interior and exterior ceiling</b>							
9.01	Removal of Ceiling	sq.m	181.90					
	<b>Replacement of deteriorated ceiling boards and damaged ceiling joists including toilet</b>							
	Interior ceiling	s.m.	112.00					
9.13	Rough Lumber, Sun Dried, Tanguile	bd.ft.	293.00					
9.02	Plywood, Ordinary 1/4" x 4' x 8'	pc.	39.00					
9.22	Finishing Nails	kg	3.00					
9.23	Common Wire Nails	kg	6.00					
9.24	Concrete Nails	kg	3.00					
9.42	Wood Preservative, Brown	L	4.00					
	<b>Exterior Ceiling</b>	sq.m	69.90					
	<b>Replacement of exterior ceiling and deteriorated ceiling joists including toilet</b>							
9.13	Rough Lumber, Sun Dried, Tanguile	bd.ft.	183.00					
9.06	Plywood, Marine 1/4" x 4' x 8'	pc.	24.00					
9.22	Finishing Nails	kg	2.00					
9.23	Common Wire Nails	kg	4.00					

9.24	Concrete Nails	kg	2.00					
9.42	Wood Preservative, Brown	L	3.00					
9.15	Ceiling Vent 1" x 12" x 4' with Screen	pc	6.00					
9.18	Fascia Board, Fiber Cement 12" x 8'	pc	28.00					
	<i>Blackboards</i>	sq.m.	12.00					
	<b>Replacement of blackboards</b>							
9.14	S4S Lumber, Kiln Dried, Tanguile	bd.ft.	74.00					
9.43	Lawanit, 1/4" thk	pc.	4.00					
9.22	Finishing Nails	kg	1.00					
9.23	Common Wire Nails	kg	2.00					
9.24	Concrete Nails	kg	1.00					
	<b>Sub-total</b>							
<b>10.00</b>	<b>Electrical Works</b>							
	<b>Total replacement of existing electrical wirings and fixtures including re-installation of ceiling and wall fans</b>							
	Removal of existing Electrical wires and fixtures	s.m	112.00					
	<i>Roughing-ins</i>							
10.01	Electrical Conduit uPVC, 15mmØ	pc	48.00					
10.06	RSC 20mmØ	pc	1.00					
10.34	Entrance Cap 20mm dia.	pc	1.00					
10.16	Junction Box, 4" x 4" G.I.	pc	12.00					
10.17	Utility Box, 2" x 4" G.I.	pc	8.00					
10.37	Grounding Rod, 2.4m x 16mm dia.	pc	1.00					
	<i>Wires &amp; Fixtures</i>							
10.11	3.5 mm <sup>2</sup> THHN Wire, Stranded	m	288.00					
10.12	5.5 mm <sup>2</sup> THHN Wire, Stranded	m	10.00					
10.28	Duplex Convenience Outlet, Grounding Type, 20A, 250V	pc	4.00					
10.25	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	pc	2.00					
10.3610	FL 1 x 40W Industrial Type LED Lamp	set	14.00					
10.48	Panel Box, Flush Type, 4 Branches	set	1.00					
10.40	Circuit Breaker, 40A 2P	set	1.00					
10.38	Circuit Breaker, 20A 2P	set	3.00					
10.54	Vibrating Bell 8"	set	1.00					
10.5000	Push Button, 10A, 230V	set	1.00					
10.58	Electrical Tape	pc	3.00					
	<b>Provision of Wall fan</b>							
10.5400	Wall fan, 60W,230V, 60Hz	set	2.00					
	<b>Sub-Total</b>							
<b>13.00</b>	<b>Painting Works</b>							

	<b>Wood Surfaces including interior and exterior ceiling, windows and doors and blackboards</b>							
	Wood Surfaces	sq.m	208.54					
13.04	Enamel, Flatwall	gal	11.00					
13.05	Enamel, Semi Gloss	gal	11.00					
13.16	Paint Thinner	gal	6.00					
	<b>All concrete surfaces</b>							
	Concrete Surfaces	sq m	221.52					
13.01	Latex, Flat	gal	9.00					
13.02	Latex, Semi Gloss	gal	9.00					
13.20	Acri Color	qrt	3.00					
	<b>Window grills</b>							
	Window grills							
13.10	Primer, Red Oxide	gal	1.00					
13.06	Enamel, Quick Dry	gal	1.00					
13.16	Paint Thinner	gal	1.00					
	Removal of existing painting	s.m	220.40					
	<b>Sub-Total</b>							
	<b>Ramp on Fill (with Ramp Railing)</b>	cu.m	0.54					
2.01	Portland Cement	bag	5.00					
2.05	Crushed Gravel 1"	cu.m	0.75					
2.03	Washed Sand	cu.m	0.50					
5.06	10mm x 6m RSB	kg	23.28					
3.02	G.I. Tie Wire	kg	1.00					
7.2610	G.I. Pipe 1-1/2"Ø Sch.40	pc	6.00					
7.46	Welding Rod	kg	3.00					
	<b>Sub-Total</b>							
<b>BUILDING 6 : ONE UNIT - ONE CLASSROOM FVR 2000 (BUILDING 11) - 1 CL</b>								
<b>5.00</b>	<b>Masonry Works</b>							
	<b>Covering of windows considering provision of additional door per room</b>							
	Masonry Wall	sq.m	0.90					
5.04	CHB 4" thk	pc	12.00					
5.02	Portland Cement	bag	1.00					
5.03	Washed Sand	cu.m	1.00					
5.06	10mm x 6m RSB	kg	2.00					
5.07	G.I. Tie Wire	kg	1.00					
	<b>Plastering/ smooth finishing of new masonry walls and unplastered portions of wall at rear and end walls and repair of cracks on walls including extension room</b>							

	<i>Plastering/ smooth finishing of walls</i>	sq.m	8.00					
5.02	Portland Cement	bag	3.00					
5.03	Washed Sand	cu.m	1.00					
	<b>Sub-total</b>							
<b>6.00</b>	<b>Doors &amp; Windows</b>							
	<b><i>Provision of 2 doors per room</i></b>							
6.03	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	2.00					
	<b><i>Extension room</i></b>							
6.46	D-3 Flush Door 0.60m x 2.10m on 150mm Wooden Jamb complete with Accessories	set	2.00					
	<b><i>Provision of glass jalousie windows on concrete window jambs</i></b>							
	Provision of glass jalousie windows on concrete window jambs	set	12.00					
6.01	Removal of Door with Jamb	set	4.00					
	<b>Sub-total</b>							
<b>7.00</b>	<b>Steel Works</b>							
	<i>Trusses and Members</i>							
9.34	Removal of Wooden Truss	bd.ft	671.40					
9.35	Removal of Purlins	bd.ft	397.20					
7.0900	L 50 x 50 x 6mm	kg	798.00					
7.0200	2" x 4" x 1.5mm C-purlins	kg	681.00					
7.1010	L 50 x 50 x 2mm	kg	13.20					
7.1810	Machine Bolts (10 mm dia.)	pc	156.00					
7.2200	12mmØ Sag Rods with Standard Nuts and washers	pc	116.00					
7.20	Plain Round Bar 16mmØ x 6m	pc	11.00					
7.31	Turn Buckle 16 mmØ	pc	10.00					
7.33	Anchor Bolt with Nuts and Washer, 16mmØ x 50mm x 300mm	pc	24.00					
7.25	Steel Plate 1.20m x 2.40m x 10mm	pc	1.50					
7.24	Steel Plate 1.20m x 2.40m x 12mm	pc	0.30					
7.46	Welding Rod	kg	33.00					
13.12	Primer, Zinc Chromate	gal	3.00					
	<b><i>Re-fitting and re-installation of window grills considering provision of additional door per room</i></b>							
	Re-fitting and re-installation of window grills considering provision of additional door per room	sq.ft	4.00					
	<b>Sub-total</b>							
<b>8.00</b>	<b>Roofing Works</b>							

	<b>Replacement of roofing sheets, ridge roll and flashing including extension room</b>							
8.16	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	m	146.00					
8.17	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	6.00					
8.19	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	10.00					
8.35	Teckscrew 2-1/2"	pc	1,022.00					
8.36	Roof Sealant	L	2.00					
8.01	Removal of Roofing Sheets	sq.m	132.00					
8.02	Removal of Ridge Roll	pc	6.00					
8.03	Removal of Flashing	pc	10.00					
8.05	Removal of Fascia Board	pc	22.00					
7.1040	L 20 x 20 x 2mm	kg	61.25					
7.1020	L 38 x 38 x 4.5mm	kg	66.00					
	3" Flat head Countersunk screw	pc	372.00					
8.0900	J-Bolt (6mm dia.)	pc	848.00					
8.37	Blind Rivets	pc	160.00					
	<b>Sub-total</b>							
<b>9.00</b>	<b>Ceiling and Carpentry Works</b>							
	<b>Total replacement of interior ceiling and provision of exterior ceiling</b>							
9.01	Removal of Ceiling	sq.m	70.00					
	Interior ceiling	s.m.	70.00					
9.13	Rough Lumber, Sun Dried, Tanguile	bd.ft.	183.00					
9.02	Plywood, Ordinary 1/4" x 4' x 8'	pc.	24.00					
9.22	Finishing Nails	kg	2.00					
9.23	Common Wire Nails	kg	4.00					
9.24	Concrete Nails	kg	2.00					
9.42	Wood Preservative, Brown	L	3.00					
	<i>Exterior Ceiling</i>	sq.m	42.00					
	<b>Replacement of exterior ceiling and deteriorated ceiling joists including toilet</b>							
9.13	Rough Lumber, Sun Dried, Tanguile	bd.ft.	183.00					
9.06	Plywood, Marine 1/4" x 4' x 8'	pc.	15.00					
9.22	Finishing Nails	kg	1.00					
9.23	Common Wire Nails	kg	4.00					
9.24	Concrete Nails	kg	1.00					
9.42	Wood Preservative, Brown	L	2.00					
9.15	Ceiling Vent 1" x 12" x 4' with Screen	pc	6.00					

9.18	Fascia Board, Fiber Cement 12" x 8'	pc	22.00					
	<i>Blackboards</i>	sq.m.	6.00					
	<b>Replacement of blackboards</b>							
9.14	S4S Lumber, Kiln Dried, Tanguile	bd.ft.	37.00					
9.43	Lawanit, 1/4" thk	pc.	2.00					
9.22	Finishing Nails	kg	1.00					
9.23	Common Wire Nails	kg	1.00					
9.24	Concrete Nails	kg	1.00					
	<b>Sub-total</b>							
<b>10.00</b>	<b>Electrical Works</b>							
	<b>Total replacement of existing electrical wirings and fixtures including re- installation of ceiling and wall fans</b>							
	Removal of existing Electrical wires and fixtures	s.m	56.00					
	<i>Roughing-ins</i>							
10.01	Electrical Conduit uPVC, 15mmØ	pc	24.00					
10.06	RSC 20mmØ	pc	1.00					
10.34	Entrance Cap 20mm dia.	pc	1.00					
10.16	Junction Box, 4" x 4" G.I.	pc	12.00					
10.17	Utility Box, 2" x 4" G.I.	pc	8.00					
10.37	Grounding Rod, 2.4m x 16mm dia.	pc	1.00					
	<i>Wires &amp; Fixtures</i>							
10.11	3.5 mm <sup>2</sup> THHN Wire, Stranded	m	144.00					
10.12	5.5 mm <sup>2</sup> THHN Wire, Stranded	m	10.00					
10.28	Duplex Convenience Outlet, Grounding Type, 20A, 250V	pc	4.00					
10.25	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	pc	2.00					
10.3610	FL 1 x 40W Industrial Type LED Lamp	set	8.00					
10.48	Panel Box, Flush Type, 4 Branches	set	1.00					
10.40	Circuit Breaker, 40A 2P	set	1.00					
10.38	Circuit Breaker, 20A 2P	set	3.00					
10.54	Vibrating Bell 8"	set	1.00					
10.5000	Push Button, 10A, 230V	set	1.00					
10.58	Electrical Tape	pc	3.00					
	<b>Provision of Wall fan</b>							
10.5400	Wall fan, 60W,230V, 60Hz	set	2.00					
	<b>Sub-Total</b>							
<b>13.00</b>	<b>Painting Works</b>							
	<b>Wood Surfaces including interior and exterior ceiling, windows and doors and blackboards</b>							
	<i>Wood Surfaces</i>	sq.m	125.32					



13.04	Enamel, Flatwall	gal	7.00					
13.05	Enamel, Semi Gloss	gal	7.00					
13.16	Paint Thinner	gal	4.00					
	<b>All concrete surfaces</b>							
	Concrete Surfaces	sq m	186.92					
13.01	Latex, Flat	gal	8.00					
13.02	Latex, Semi Gloss	gal	8.00					
13.20	Acri Color	qrt	2.00					
	<b>Window grills</b>							
	Window grills							
13.10	Primer, Red Oxide	gal	1.00					
13.06	Enamel, Quick Dry	gal	1.00					
13.16	Paint Thinner	gal	1.00					
	Removal of existing painting	s.m	129.10					
	<b>Sub-Total</b>							
	<b>Ramp on Fill (with Ramp Railing)</b>	cu.m	0.54					
2.01	Portland Cement	bag	5.00					
2.05	Crushed Gravel 1"	cu.m	0.75					
2.03	Washed Sand	cu.m	0.50					
5.06	10mm x 6m RSB	kg	23.28					
3.02	G.I. Tie Wire	kg	1.00					
7.2610	G.I. Pipe 1-1/2"Ø Sch.40	pc	6.00					
7.46	Welding Rod	kg	3.00					
	<b>Sub-Total</b>							
<b>BUILDING 7 : ONE UNIT THREE (3) - SEATER TOILET (BUILDING 13)</b>								
6.00	<b>Doors and Windows</b>							
	<i>Replacement of doors</i>							
6.04	D-2 Flush Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	1.00					
6.05	D-3 Flush Door 0.70m x 2.10m on 150mm Wooden Jamb complete with Accessories	set	2.00					
	<b>Replacement of damaged windows including dilapidated window jambs</b>							
	Replacement of damaged windows including dilapidated window jambs	s.m	1.08					
	<b>Sub-total</b>							
8.00	<b>Roofing Works</b>							
8.36	Roof Sealant	L	1.00					
7.1020	L 38 x 38 x 4.5mm	kg	22.00					
	3" Flat head Countersunk	pc	124.00					

	screw							
8.0900	J-Bolt (6mm dia.)	pc	424.00					
8.37	Blind Rivets	pc	54.00					
	<b>Sub-total</b>							
9.00	<b>Ceiling and Carpentry Works</b>							
	<i>Interior Ceiling</i>	sq.m	16.00					
	<i>Replacement of damaged interior ceiling</i>							
9.02	Plywood, Ordinary 1/4" x 4' x 8'	pc.	6.00					
9.22	Finishing Nails	kg	1.00					
9.42	Wood Preservative, Brown	L	1.00					
	<i>Exterior Ceiling</i>	sq.m	11.00					
	<i>Replacement of damaged interior ceiling</i>							
9.06	Plywood, Marine 1/4" x 4' x 8'	pc.	2.00					
9.22	Finishing Nails	kg	1.00					
9.42	Wood Preservative, Brown	L	1.00					
	<b>Sub-total</b>							
10.00	<b>Electrical Works</b>							
	<i>Repair/ rehabilitation of electrical wiring and fixtures</i>							
10.23	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	pc	4.00					
	LED Bulb 9 W with Medium Base Keyless Type Porcelain Receptacle	pc	4.00					
	<b>Sub-Total</b>							
	<b>Plumbing Works/ Sanitary Works</b>							
	<b><i>Repair/ Rehabilitation of plumbing and sanitary lines including replacement of toilet bowls and replacement of damaged fixtures</i></b>							
11.62	Water Closet 1.6gpf with Accessories	set	3.00					
11.06	PP-R Pipe 1/2"Ø	pc	3.00					
11.08	PP-R Coupling, 1/2"Ø	pc	2.00					
11.66	Teflon Tape	roll	1.00					
11.59	Faucet, Plain Bibb, Brass 1/2"Ø	pc	3.00					
	<b>Sub-Total</b>							
13.00	<b>Painting Works</b>							
	<b>Wood Surfaces</b>							
	<i>Wood Surfaces</i>	sq.m	35.82					
13.04	Enamel, Flatwall	gal	2.00					
13.05	Enamel, Semi Gloss	gal	2.00					
13.16	Paint Thinner	gal	1.00					
	<b>All concrete surfaces</b>							
	<i>Concrete Surfaces</i>	sq m	67.98					
13.01	Latex, Flat	gal	3.00					

13.02	Latex, Semi Gloss	gal	3.00					
13.20	Acri Color	qrt	1.00					
	<b>Roofing and Accessories</b>	sq.m	24.00					
13.13	Gloss Acrylic Roof Paint	gal	1.00					
13.16	Paint Thinner	gal	1.00					
	Removal of existing painting	s.m	19.14					
	<b>Sub-Total</b>							
<b>BUILDING 8 : ONE UNIT - SEDP - C BUILDING WITH FIVE CLASSROOMS, LIBRARY , GUIDANCE, SCIENCE LABORATORY AND TLE BUILDING (BUILDING 14) - 8 CL</b>								
<b>2.00</b>	<b>Concreting Works</b>							
	<b>Repair of cracked flooring and corridor</b>							
	Repair of cracked flooring and corridor	cu.m	1.50					
2.01	Portland Cement	bag	14.00					
2.02	Crushed Gravel 3/4"	cu.m	1.50					
2.03	Washed Sand	cu.m	0.75					
	<b>Repair of damaged end wall</b>							
	Repair of damaged end wall	cu.m	0.15					
2.01	Portland Cement	bag	2.00					
2.02	Crushed Gravel 3/4"	cu.m	0.25					
2.03	Washed Sand	cu.m	0.25					
	Demolition of affected concrete at toilets							
2.04	Demolition of reinforced concrete	cu.m	1.50					
	<b>Sub-total</b>							
<b>3.00</b>	<b>Rebar Works</b>							
	<b>Repair of damaged end wall</b>							
3.01	Repair of damaged end wall	kg	14.78					
3.02	G.I. Tie Wire	kg	0.59					
	<b>Sub-total</b>							
<b>4.00</b>	<b>Formworks</b>							
	<b>Formworks for new column stiffener on partition wall</b>							
	New column on partition wall	sq.m	0.19					
4.01	Coco Lumber	bd.ft	1.00					
4.02	Plywood Ordinary, 1/4" x 4' x 8'	pc	1.00					
4.04	CWN, Assorted	kg	1.00					
	<b>Sub-total</b>							
<b>5.00</b>	<b>Masonry Works</b>							
	<b>Replacement of cracked walling</b>							
	Masonry Wall	sq.m	6.00					
5.04	CHB 4" thk	pc	75.00					
5.02	Portland Cement	bag	2.00					
5.03	Washed Sand	cu.m	1.00					
5.06	10mm x 6m RSB	kg	8.00					

5.07	G.I. Tie Wire	kg	1.00					
	<b>Plastering/ smooth finishing of new masonry walls and unplastered portions of wall at rear and end walls and repair of cracks on walls</b>							
	<i>Plastering/ smooth finishing of walls</i>	sq.m	14.20					
5.02	Portland Cement	bag	5.00					
5.03	Washed Sand	cu.m	1.00					
	<b>Sub-total</b>							
<b>6.00</b>	<b>Doors &amp; Windows</b>							
	<b>Replacement of all doors</b>							
6.0310	D-1, (1.00m x 2.10m) KD and Termite - treated Panel Door Type Hinged Door and Fixed Glass Transom on 50mm x 150mm Wood Jamb/ Frame and Lever - type Knob	set	18.00					
6.03	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob) (or match existing)	set	2.00					
	Cubicle Door 0.90m x 1.60m on 150mm Wooden Jamb complete with Accessories	set	2.00					
	Cubicle Door 0.60m x 1.60m on 150mm Wooden Jamb complete with Accessories	set	10.00					
	<b>Replacement of all steel casement windows (match existing)</b>							
6.51	W - 1, ( 2.4 x 1.5 m) Steel Casement Window with Grilles, Semi French Type with 1/4 thk Clear Glass Panes complete with Accessories (or match existing)	set	18.00					
6.52	W - 2, ( 1.672 x 1.5 m) Steel Casement Window with Grilles, Semi French Type with 1/4 thk Clear Glass Panes complete with Accessories (or match existing)	set	4.00					
6.53	W - 3, ( 1.8 x 1.2 m) Steel Casement Window with Grilles, Semi French Type with 1/4 thk Clear Glass Panes complete with Accessories (or match existing)	set	4.00					
6.54	W - 4, ( 0.6 x 0.6 m) Steel Awning Window with Grilles with 1/4 thk Clear Glass Panes complete with Accessories (or match existing)	set	6.00					
6.02	Removal of Casement Window with Jamb	sq.m	85.92					
6.01	Removal of Door with Jamb	set	32.00					

	<b>Sub-total</b>							
<b>8.00</b>	<b>Roofing Works</b>							
	<b>Replacement of roofing sheets, ridge roll, valley gutter and flashing</b>							
8.16	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	m	1,457.00					
8.17	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT/ Valley Gutter	pc	78.00					
8.19	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	83.00					
8.35	Teckscrew 2-1/2"	pc	10,199.00					
8.36	Roof Sealant	L	16.00					
8.01	Removal of Roofing Sheets	sq.m	1,325.60					
8.02	Removal of Ridge Roll	pc	78.00					
8.03	Removal of Flashing	pc	83.00					
7.1040	L 20 x 20 x 2mm	kg	588.00					
7.1020	L 38 x 38 x 4.5mm	kg	198.00					
	3" Flat head Countersunk screw	pc	1,116.00					
8.0900	J-Bolt (6mm dia.)	pc	7,632.00					
8.37	Blind Rivets	pc	960.00					
	<b>Sub-total</b>							
<b>9.00</b>	<b>Ceiling and Carpentry Works</b>							
	<b>Replacement of dilapidated and deteriorated truss members and purlins</b>							
9.13	Rough Lumber, Sun Dried, Tanguile	bd.ft	1,566.67					
9.23	Common Wire Nails assorted	kg	29.00					
9.34	Removal of dilapidated and deteriorated wooden truss members	bd.ft	1,066.67					
9.35	Removal of dilapidated and deteriorated purlins	bd.ft	500.00					
9.42	Wood Preservative, Brown	L	8.00					
	<b>Total replacement of interior ceiling and deteriorated exterior ceiling</b>							
9.01	Removal of Ceiling	sq.m	1,155.64					
	Interior ceiling	s.m.	989.59					
9.13	Rough Lumber, Sun Dried, Tanguile	bd.ft.	2,594.00					
9.02	Plywood, Ordinary 1/4" x 4' x 8'	pc.	339.00					
9.22	Finishing Nails	kg	19.00					
9.23	Common Wire Nails	kg	47.00					

9.24	Concrete Nails	kg	19.00					
9.42	Wood Preservative, Brown	L	31.00					
	<i>Exterior Ceiling</i>	sq.m	166.05					
	<b>Total replacement of exterior ceiling and deteriorated ceiling joists</b>							
9.13	Rough Lumber, Sun Dried, Tanguile	bd.ft.	435.00					
9.06	Plywood, Marine 1/4" x 4' x 8'	pc.	57.00					
9.22	Finishing Nails	kg	4.00					
9.23	Common Wire Nails	kg	8.00					
9.24	Concrete Nails	kg	4.00					
9.42	Wood Preservative, Brown	L	6.00					
9.15	Ceiling Vent 1" x 12" x 4' with Screen	pc	20.00					
9.18	Fascia Board, Fiber Cement 12" x 8'	pc	74.00					
	<i>Blackboards (including Library)</i>	sq.m.	41.00					
	<b>Replacement of blackboards</b>							
9.14	S4S Lumber, Kiln Dried, Tanguile	bd.ft.	261.00					
9.43	Lawanit, 1/4" thk	pc.	14.00					
9.22	Finishing Nails	kg	1.00					
9.23	Common Wire Nails	kg	5.00					
9.24	Concrete Nails	kg	1.00					
	<b>Sub-total</b>							
<b>10.00</b>	<b>Electrical Works</b>							
	<b>Total replacement of existing electrical wirings and fixtures including provision of wall fans</b>							
	Removal of existing Electrical wires and fixtures	s.m	504.00					
	<i>Roughing-ins</i>							
10.01	Electrical Conduit uPVC, 15mmØ	pc	192.00					
10.08	RSC 32mmØ	pc	1.00					
10.35	Entrance Cap 32mm dia.	pc	1.00					
10.16	Junction Box, 4" x 4" G.I.	pc	140.00					
10.17	Utility Box, 2" x 4" G.I.	pc	91.00					
10.37	Grounding Rod, 2.4m x 16mm dia.	pc	1.00					
	Grounding Clamp	pc	1.00					
	<i>Wires &amp; Fixtures</i>							
10.11	3.5 mm <sup>2</sup> THHN Wire, Stranded	m	3,072.00					
10.2000	38.0 mm <sup>2</sup> THHN Wire, Stranded	m	20.00					
10.29	Duplex Convenience Outlet, Grounding Type, 20A, 250V (WP)	pc	11.00					
10.28	Duplex Convenience Outlet, Grounding Type, 20A, 250V	pc	35.00					
10.27	Single Convenience Outlet, Grounding Type, 15 AMP, 230V (EF)	pc	22.00					

10.25	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	pc	11.00					
10.24	2 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	pc	1.00					
10.23	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	pc	11.00					
10.3610	FL 1 x 40W Industrial Type LED Lamp	set	66.00					
	LED Bulb 9 W with Medium Base Keyless Type Porcelain Receptacle	pc	24.00					
10.4000	Panel Box, Flush Type, 16 Branches	set	1.00					
10.43	Circuit Breaker, 100A 2P	set	1.00					
10.38	Circuit Breaker, 20A 2P	set	14.00					
10.54	Vibrating Bell 8"	set	1.00					
10.56	Fire Alarm Station, Manual Single Action	set	1.00					
10.58	Electrical Tape	pc	15.00					
	<b>Provision of Wall fan</b>							
10.5400	Wall fan, 60W,230V, 60Hz	set	22.00					
	<b>Sub-Total</b>							
	<b>Plumbing Works/ Sanitary Works/ Tile Works</b>							
	<b>Repair/ Rehabilitation of toilets and piping system (sanitary and water line) and replacement of affected tiling</b>							
11.06	PP-R Pipe 1/2"Ø	pc	30.00					
11.15	PP-R Tee, 1/2"Ø	pc	30.00					
11.08	PP-R Coupling, 1/2"Ø	pc	30.00					
11.05	PP-R Pipe 3/4"Ø	pc	30.00					
11.09	PP-R Coupling, 3/4"Ø	pc	30.00					
11.16	PP-R Tee, 3/4"Ø	pc	20.00					
11.19	PP-R Tee, 3/4" x 1/2"Ø	pc	20.00					
11.21	PP-R Elbow 90o x 1/2"Ø	pc	20.00					
11.22	PP-R Elbow 90o x 3/4"Ø	pc	20.00					
11.24	PP-R Coupling Reducer, 1/2" x 3/4"Ø	pc	20.00					
11.27	PP-R Plug, 1/2"Ø	pc	10.00					
11.28	PP-R Plug, 3/4"Ø	pc	10.00					
11.44	Gate Valve, 1/2"Ø	pc	2.00					
11.45	Gate Valve, 3/4"Ø	pc	2.00					
11.64	Concrete Counter Sink Type, with Lever Type Faucet and Complete Accessories	set	6.00					
11.62	Water Closet 1.6gpf with Accessories	set	12.00					
12.04	PVC Pipe 2"Ø	pc	40.00					
12.05	PVC Pipe 3"Ø	pc	40.00					

12.06	PVC Pipe 4"Ø	pc	40.00					
11.59	Faucet, Plain Bibb, Brass 1/2"Ø	pc	8.00					
12.08	uPVC Sanitary Pipe 3"Ø	pc	30.00					
12.09	uPVC Sanitary Pipe 4"Ø	pc	30.00					
12.12	uPVC Elbow 90o x 3"Ø	pc	30.00					
12.13	uPVC Elbow 90o x 4"Ø	pc	30.00					
11.65	S.S.Floor Drain 4' x 4"	pc	17.00					
12.25	uPVC Wye 4" x 2"	pc	10.00					
12.22	uPVC Wye 2" x 2"	pc	15.00					
12.27	uPVC Wye 4" x 4"	pc	10.00					
12.24	uPVC Wye 3" x 3"	pc	10.00					
12.30	uPVC P-Trap 2"	pc	15.00					
12.33	PVC Cement	can	20.00					
	<b>Replacement of septic tank</b>							
12.32	Three Chamber Septic Vault	unit	2.00					
	<b>Catch Basin</b>							
12.01	Catch Basin	unit	18.00					
12.03	Concrete Pipe 300mmØ	pc	30.00					
	<b>Replacement of damaged tiles</b>							
14.01	Unglazed Floor Tiles 20cm x 20cm	pc	200.00					
14.04	Glazed Wall Tiles 20cm x 20cm	pc	100.00					
14.16	Tile Adhesive 25 kg/bag	bag	10.00					
14.14	Tile Grout 2 kg/bag	bag	10.00					
	<b>Sub-Total</b>							
<b>13.00</b>	<b>Painting Works</b>							
	<b>Wood Surfaces including interior and exterior ceiling, windows and doors and blackboards</b>							
	Wood Surfaces	sq.m	1,271. 56					
13.04	Enamel, Flatwall	gal	64.00					
13.05	Enamel, Semi Gloss	gal	64.00					
13.16	Paint Thinner	gal	32.00					
	<b>All concrete surfaces</b>							
	Concrete Surfaces	sq m	1,587. 85					
13.01	Latex, Flat	gal	64.00					
13.02	Latex, Semi Gloss	gal	64.00					
13.20	Acri Color	qrt	16.00					
	<b>Windows and grills</b>							
	Windows and grills							
13.10	Primer, Red Oxide	gal	12.00					
13.06	Enamel, Quick Dry	gal	12.00					
13.16	Paint Thinner	gal	12.00					
	Removal of existing painting	s.m	1,036. 80					



	<b>Sub-Total</b>							
	<b>Ramp on Fill (with Ramp Railing)</b>	cu.m	0.54					
2.01	Portland Cement	bag	5.00					
2.05	Crushed Gravel 1"	cu.m	0.75					
2.03	Washed Sand	cu.m	0.50					
5.06	10mm x 6m RSB	kg	23.28					
3.02	G.I. Tie Wire	kg	1.00					
7.2610	G.I. Pipe 1-1/2"Ø Sch.40	pc	6.00					
7.46	Welding Rod	kg	3.00					
	<b>Sub-Total</b>							
<b>BUILDING 9 : ONE UNIT THREE (3) - SEATER TOILET (BUILDING 15)</b>								
6.00	<b>Doors and Windows</b>							
	<i>Replacement of doors</i>							
6.04	D-2 Flush Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	1.00					
6.05	D-3 Flush Door 0.70m x 2.10m on 150mm Wooden Jamb complete with Accessories	set	2.00					
	<b>Replacement of damaged windows including dilapidated window jambs</b>							
	Replacement of damaged windows including dilapidated window jambs	s.m	1.08					
	<b>Sub-total</b>							
8.00	<b>Roofing Works</b>							
8.36	Roof Sealant	L	1.00					
7.1020	L 38 x 38 x 4.5mm	kg	22.00					
	3" Flat head Countersunk screw	pc	124.00					
8.0900	J-Bolt (6mm dia.)	pc	424.00					
8.37	Blind Rivets	pc	54.00					
	<b>Sub-total</b>							
9.00	<b>Ceiling and Carpentry Works</b>							
	<i>Interior Ceiling</i>	sq.m	16.00					
	<i>Replacement of damaged interior ceiling</i>							
9.02	Plywood, Ordinary 1/4" x 4' x 8'	pc.	6.00					
9.22	Finishing Nails	kg	1.00					
9.42	Wood Preservative, Brown	L	1.00					
	<i>Exterior Ceiling</i>	sq.m	11.00					
	<i>Replacement of damaged interior ceiling</i>							
9.06	Plywood, Marine 1/4" x 4' x 8'	pc.	4.00					

9.22	Finishing Nails	kg	1.00					
9.42	Wood Preservative, Brown	L	1.00					
	<b>Sub-total</b>							
10.00	<b>Electrical Works</b>							
	<i>Repair/ rehabilitation of electrical wiring and fixtures</i>							
10.23	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	pc	4.00					
	LED Bulb 9 W with Medium Base Keyless Type Porcelain Receptacle	pc	4.00					
	<b>Sub-Total</b>							
	<b>Plumbing Works/ Sanitary Works</b>							
	<b>Repair/ Rehabilitation of plumbing and sanitary lines including replacement of toilet bowls and replacement of damaged fixtures</b>							
11.62	Water Closet 1.6gpf with Accessories	set	3.00					
11.06	PP-R Pipe 1/2"Ø	pc	3.00					
11.08	PP-R Coupling, 1/2"Ø	pc	2.00					
11.66	Teflon Tape	roll	1.00					
11.59	Faucet, Plain Bibb, Brass 1/2"Ø	pc	4.00					
	<b>Sub-Total</b>							
13.00	<b>Painting Works</b>							
	<b>Wood Surfaces</b>							
	<i>Wood Surfaces</i>	sq.m	35.82					
13.04	Enamel, Flatwall	gal	2.00					
13.05	Enamel, Semi Gloss	gal	2.00					
13.16	Paint Thinner	gal	1.00					
	<b>All concrete surfaces</b>							
	<i>Concrete Surfaces</i>	sq m	67.98					
13.01	Latex, Flat	gal	3.00					
13.02	Latex, Semi Gloss	gal	3.00					
13.20	Acri Color	qrt	1.00					
	<b>Roofing and Accessories</b>	sq.m	24.00					
13.13	Gloss Acrylic Roof Paint	gal	1.00					
13.16	Paint Thinner	gal	1.00					
	Removal of existing painting	s.m	19.14					
	<b>Sub-Total</b>							
<b>BUILDING 10 : ONE UNIT - THREE CLASSROOM PSIP BUILDING (BUILDING 17) - 3 CL</b>								
6.00	<b>Doors &amp; Windows</b>							
	<b>Replacement of doors</b>							
6.03	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	6.00					

	<b>Repair of damaged windows (replace damaged parts - match existing)</b>							
	Repair of damaged windows (replace damaged parts - match existing)	s.m	24.96					
	<b>Sub-total</b>							
8.00	<b>Roofing Works</b>							
8.36	Roof Sealant	L	6.00					
7.1020	L 38 x 38 x 4.5mm	kg	66.00					
	3" Flat head Countersunk screw	pc	372.00					
8.0900	J-Bolt (6mm dia.)	pc	1,908.00					
	<b>Sub-total</b>							
9.00	<b>Ceiling and Carpentry Works</b>							
	<b>Repair of interior ceiling and total replacement of exterior ceiling</b>							
	<i>Interior Ceiling</i>	sq.m	189.00					
	<b>Repair of dilapidated ceiling and ceiling joist</b>							
9.13	Rough Lumber, Sun Dried, Tanguile	bd.ft.	412.00					
9.02	Plywood, Ordinary 1/4" x 4' x 8'	pc.	39.00					
9.22	Finishing Nails	kg	2.00					
9.23	Common Wire Nails	kg	4.00					
9.24	Concrete Nails	kg	3.00					
9.42	Wood Preservative, Brown	L	2.00					
	<i>Exterior ceiling</i>	sq.m	69.50					
	<b>Repair of dilapidated ceiling and ceiling joist</b>							
9.13	Rough Lumber, Sun Dried, Tanguile	bd.ft.	182.00					
9.06	Plywood, Marine 1/4" x 4' x 8'	pc.	20.00					
9.22	Finishing Nails	kg	1.00					
9.23	Common Wire Nails	kg	2.00					
9.24	Concrete Nails	kg	2.00					
9.42	Wood Preservative, Brown	L	2.00					
	<i>Blackboards</i>	sq.m.	17.28					
	<b>Repair of blackboards</b>							
	Repair of blackboards	s.m	17.28					
	<b>Sub-total</b>							
10.00	<b>Electrical Works</b>							
	<b>Repair/ rehabilitation of existing electrical wirings and fixtures including re-installation of existing ceiling and wall fans (replacement of damaged fixtures)</b>							
10.28	Duplex Convenience Outlet, Grounding Type, 20A, 250V	pc	3.00					

10.25	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	pc	2.00					
10.3610	FL 1 x 40W Industrial Type LED Lamp	set	9.00					
	<b>Provision of Wall fan</b>							
10.5400	Wall fan, 60W,230V, 60Hz	set	6.00					
	<b>Sub-Total</b>							
<b>13.00</b>	<b>Painting Works</b>							
	<b>Wood Surfaces including interior and exterior ceiling, windows and doors and blackboards</b>							
	Wood Surfaces	sq.m	278.78					
13.04	Enamel, Flatwall	gal	14.00					
13.05	Enamel, Semi Gloss	gal	14.00					
13.16	Paint Thinner	gal	7.00					
	<b>All concrete surfaces</b>							
	Concrete Surfaces	sq m	381.80					
13.01	Latex, Flat	gal	16.00					
13.02	Latex, Semi Gloss	gal	16.00					
13.20	Acri Color	qrt	4.00					
	<b>Roofing and Accessories</b>	sq.m	198.00					
13.13	Gloss Acrylic Roof Paint	gal	8.00					
13.16	Paint Thinner	gal	2.00					
	<b>Window grills</b>							
	Window grills							
13.10	Primer, Red Oxide	gal	2.00					
13.06	Enamel, Quick Dry	gal	2.00					
13.16	Paint Thinner	gal	2.00					
	Removal of existing painting	s.m	345.24					
	<b>Sub-Total</b>							
	<b>Ramp on Fill (with Ramp Railing)</b>	cu.m	0.54					
2.01	Portland Cement	bag	5.00					
2.05	Crushed Gravel 1"	cu.m	0.75					
2.03	Washed Sand	cu.m	0.50					
5.06	10mm x 6m RSB	kg	23.28					
3.02	G.I. Tie Wire	kg	1.00					
7.2610	G.I. Pipe 1-1/2"Ø Sch.40	pc	6.00					
7.46	Welding Rod	kg	3.00					
	<b>Sub-Total</b>							
<b>BUILDING 11 : ONE UNIT - TWO CLASSROOM PAGCOR BUILDING (BLDG. 18) - 2 CL</b>								
<b>1.00</b>	<b>Earthworks</b>							
	<b>Replacement of wooden partition wall with new CHB partition wall</b>							

1.02	Structural Excavation	cu.m	2.19					
1.03	Backfilling and Compaction	cu.m	0.56					
1.04	Gravel Bedding G-1	cu.m	0.34					
1.05	Soil Poisoning	sq.m	6.24					
	<b>Sub-total</b>							
<b>2.00</b>	<b>Concreting Works</b>							
	<b>Provision of new column stiffener on new CHB partition wall at center (0.20m x 0.20m concrete dimension)</b>							
	Column at center (0.20m x 0.20m)	cu.m	0.12					
2.01	Portland Cement	bag	2.00					
2.02	Crushed Gravel 3/4"	cu.m	0.25					
2.03	Washed Sand	cu.m	0.25					
	<b>Provision of new concrete column footing on new CHB partition wall (0.25 x 0.8 x 0.8m)</b>							
	Concrete column footing on new column for new CHB partition wall	cu.m	0.16					
2.01	Portland Cement	bag	2.00					
2.02	Crushed Gravel 3/4"	cu.m	0.25					
2.03	Washed Sand	cu.m	0.25					
	<b>Provision of new concrete wall footing on new CHB partition wall (0.25 x 0.40m)</b>							
	Concrete wall footing on new CHB partition wall	cu.m	0.70					
2.01	Portland Cement	bag	7.00					
2.02	Crushed Gravel 3/4"	cu.m	0.75					
2.03	Washed Sand	cu.m	0.50					
	<b>Sub-total</b>							
<b>3.00</b>	<b>Rebar Works</b>							
	<b>Reinforcing deformed bars for new column stiffener, column footing and wall footing</b>							
3.01	Column footing using 16mm def bars (5 pcs bothways)	kg	12.64					
3.01	Wall footing using 10mm def bars (2 longitudinal bars with 10 mm def bar ties at 0.20 o.c.)	kg	17.25					
3.01	New column stiffener on partition wall using 4 - 16mm def bars and 10 mm ties	kg	30.08					
3.02	G.I. Tie Wire	kg	2.40					
	<b>Sub-total</b>							
<b>4.00</b>	<b>Formworks</b>							
	<b>Formworks for new column stiffener on partition wall</b>							
	New column on partition wall	sq.m	0.19					

4.01	Coco Lumber	bd.ft	1.00					
4.02	Plywood Ordinary, 1/4" x 4' x 8'	pc	1.00					
4.04	CWN, Assorted	kg	1.00					
	<b>Sub-total</b>							
<b>5.00</b>	<b>Masonry Works</b>							
	<b>Replacement of wooden partition wall with new CHB partition wall and covering of windows considering provision of additional door per room</b>							
	<i>Masonry Wall</i>	sq.m	22.80					
5.04	CHB 4" thk	pc	285.00					
5.02	Portland Cement	bag	8.00					
5.03	Washed Sand	cu.m	1.00					
5.06	10mm x 6m RSB	kg	31.00					
5.07	G.I. Tie Wire	kg	1.00					
	<b>Plastering/ smooth finishing of new masonry walls and unplastered portions of wall at rear and end walls and repair of cracks on walls</b>							
	<i>Plastering/ smooth finishing of walls</i>	sq.m	47.80					
5.02	Portland Cement	bag	16.00					
5.03	Washed Sand	cu.m	2.00					
	<b>Sub-total</b>							
<b>6.00</b>	<b>Doors &amp; Windows</b>							
	<b>Provision of 2 doors per room</b>							
6.03	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	4.00					
	<b>Replacement of toilet doors</b>							
6.46	D-3 Flush Door 0.60m x 2.10m on 150mm Wooden Jamb complete with Accessories	set	4.00					
	<b>Provision of glass jalousie windows on window jambs (considering provision of additional door per room)</b>							
	<i>Provision of glass jalousie windows on wooden window jambs (match existing dimensions)</i>	set	22.00					
6.01	Removal of Door with Jamb	set	6.00					
	<b>Sub-total</b>							
<b>7.00</b>	<b>Steel Works</b>							
	<i>Trusses and Members</i>							
9.34	Removal of Wooden Truss	bd.ft	1,119.00					
9.35	Removal of Purlins	bd.ft	662.00					
7.0900	L 50 x 50 x 6mm	kg	1,330.00					

7.0200	2" x 4" x 1.5mm C-purlins	kg	1,135.00				
7.1010	L 50 x 50 x 2mm	kg	22.00				
7.1810	Machine Bolts (10 mm dia.)	pc	260.00				
7.2200	12mmØ Sag Rods with Standard Nuts and washers	pc	192.00				
7.20	Plain Round Bar 16mmØ x 6m	pc	18.00				
7.31	Turn Buckle 16 mmØ	pc	16.00				
7.33	Anchor Bolt with Nuts and Washer, 16mmØ x 50mm x 300mm	pc	40.00				
7.25	Steel Plate 1.20m x 2.40m x 10mm	pc	2.50				
7.24	Steel Plate 1.20m x 2.40m x 12mm	pc	0.50				
7.46	Welding Rod	kg	55.00				
13.12	Primer, Zinc Chromate	gal	5.00				
	<b>Re-fitting and re-installation of window grills considering provision of additional door per room</b>						
	Re-fitting and re-installation of window grills considering provision of additional door per room	sq.ft.	78.30				
	<b>Sub-total</b>						
<b>8.00</b>	<b>Roofing Works</b>						
	<b>Replacement of roofing sheets, ridge roll and flashing</b>						
8.16	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	m	184.00				
8.17	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	8.00				
8.19	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	10.00				
8.35	Teckscrew 2-1/2"	pc	1,288.00				
8.36	Roof Sealant	L	4.00				
8.01	Removal of Roofing Sheets	sq.m	166.88				
8.02	Removal of Ridge Roll	pc	8.00				
8.03	Removal of Flashing	pc	10.00				
8.05	Removal of Fascia Board	pc	16.00				
7.1040	L 20 x 20 x 2mm	kg	98.00				
7.1020	L 38 x 38 x 4.5mm	kg	66.00				
	3" Flat head Countersunk screw	pc	372.00				
8.0900	J-Bolt (6mm dia.)	pc	1,272.00				
8.37	Blind Rivets	pc	160.00				
	<b>Sub-total</b>						
<b>9.00</b>	<b>Ceiling and Carpentry Works</b>						
	<b>Total replacement of interior and exterior</b>						

	<b>ceiling</b>							
9.01	Removal of Ceiling	sq.m	147.20					
	<b>Replacement of all ceiling boards and dilapidated ceiling joists</b>							
	Interior ceiling	s.m.	112.00					
9.13	Rough Lumber, Sun Dried, Tanguile	bd.ft.	293.00					
9.02	Plywood, Ordinary 1/4" x 4' x 8'	pc.	39.00					
9.22	Finishing Nails	kg	3.00					
9.23	Common Wire Nails	kg	6.00					
9.24	Concrete Nails	kg	3.00					
9.42	Wood Preservative, Brown	L	4.00					
	<b>Exterior Ceiling</b>	sq.m	35.20					
	<b>Replacement of all ceiling boards and dilapidated ceiling joists</b>							
9.13	Rough Lumber, Sun Dried, Tanguile	bd.ft.	92.00					
9.06	Plywood, Marine 1/4" x 4' x 8'	pc.	13.00					
9.22	Finishing Nails	kg	1.00					
9.23	Common Wire Nails	kg	2.00					
9.24	Concrete Nails	kg	1.00					
9.42	Wood Preservative, Brown	L	2.00					
9.15	Ceiling Vent 1" x 12" x 4' with Screen	pc	6.00					
9.18	Fascia Board, Fiber Cement 12" x 8'	pc	16.00					
	<b>Blackboards</b>	sq.m.	12.00					
	<b>Replacement of blackboards</b>							
9.14	S4S Lumber, Kiln Dried, Tanguile	bd.ft.	74.00					
9.43	Lawanit, 1/4" thk	pc.	4.00					
9.22	Finishing Nails	kg	1.00					
9.23	Common Wire Nails	kg	2.00					
9.24	Concrete Nails	kg	1.00					
	<b>Sub-total</b>							
<b>10.00</b>	<b>Electrical Works</b>							
	<b>Total replacement of existing electrical wirings and fixtures including re-installation of ceiling and wall fans</b>							
	Removal of existing Electrical wires and fixtures	s.m	112.00					
	<b>Roughing-ins</b>							
10.01	Electrical Conduit uPVC, 15mmØ	pc	48.00					
10.06	RSC 20mmØ	pc	1.00					
10.34	Entrance Cap 20mm dia.	pc	1.00					
10.16	Junction Box, 4" x 4" G.I.	pc	12.00					
10.17	Utility Box, 2" x 4" G.I.	pc	8.00					



10.37	Grounding Rod, 2.4m x 16mm dia.	pc	1.00					
	<i>Wires &amp; Fixtures</i>							
10.11	3.5 mm <sup>2</sup> THHN Wire, Stranded	m	288.00					
10.12	5.5 mm <sup>2</sup> THHN Wire, Stranded	m	10.00					
10.28	Duplex Convenience Outlet, Grounding Type, 20A, 250V	pc	4.00					
10.25	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	pc	2.00					
10.23	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	pc	4.00					
10.3610	FL 1 x 40W Industrial Type LED Lamp	set	12.00					
	LED Bulb 9 W with Medium Base Keyless Type Porcelain Receptacle	pc	4.00					
10.48	Panel Box, Flush Type, 4 Branches	set	1.00					
10.40	Circuit Breaker, 40A 2P	set	1.00					
10.38	Circuit Breaker, 20A 2P	set	3.00					
10.54	Vibrating Bell 8"	set	1.00					
10.5000	Push Button, 10A, 230V	set	1.00					
10.58	Electrical Tape	pc	3.00					
	<b>Provision of Wall fan</b>							
10.5400	Wall fan, 60W,230V, 60Hz	set	2.00					
	<b>Sub-Total</b>							
	<b>Plumbing Works/ Sanitary Works</b>							
	<b>Repair/ Rehabilitation of plumbing and sanitary lines including replacement of toilet bowls and replacement of damaged fixtures</b>							
11.62	Water Closet 1.6gpf with Accessories	set	4.00					
11.06	PP-R Pipe 1/2"Ø	pc	3.00					
11.08	PP-R Coupling, 1/2"Ø	pc	2.00					
11.66	Teflon Tape	roll	1.00					
11.59	Faucet, Plain Bibb, Brass 1/2"Ø	pc	4.00					
	<b>Sub-Total</b>							
<b>13.00</b>	<b>Painting Works</b>							
	<b>Wood Surfaces including interior and exterior ceiling, windows and doors and blackboards</b>							
	<i>Wood Surfaces</i>	sq.m	173.84					
13.04	Enamel, Flatwall	gal	9.00					
13.05	Enamel, Semi Gloss	gal	9.00					
13.16	Paint Thinner	gal	5.00					
	<b>All concrete surfaces</b>							
	<i>Concrete Surfaces</i>	sq m	221.52					
13.01	Latex, Flat	gal	9.00					

13.02	Latex, Semi Gloss	gal	9.00					
13.20	Acri Color	qrt	3.00					
	<b>Window grills</b>							
	Window grills							
13.10	Primer, Red Oxide	gal	1.00					
13.06	Enamel, Quick Dry	gal	1.00					
13.16	Paint Thinner	gal	1.00					
	Removal of existing painting	s.m	218.12					
	<b>Sub-Total</b>							
	<b>Ramp on Fill (with Ramp Railing)</b>	cu.m	0.54					
2.01	Portland Cement	bag	5.00					
2.05	Crushed Gravel 1"	cu.m	0.75					
2.03	Washed Sand	cu.m	0.50					
5.06	10mm x 6m RSB	kg	23.28					
3.02	G.I. Tie Wire	kg	1.00					
7.2610	G.I. Pipe 1-1/2"Ø Sch.40	pc	6.00					
7.46	Welding Rod	kg	3.00					
	<b>Sub-Total</b>							
<b>BUILDING 12 : ONE UNIT - TWO STOREY, SIX CLASSROOM SENIOR HIGH SCHOOL BUILDING (BUILDING 16) - 6 CL</b>								
6.00	<b>Doors &amp; Windows</b>							
	<b>Repair and/or replacement of doors</b>							
	Repair and/or replacement of doors							
6.03	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	6.00					
	<b>Repair of damaged windows (replace damaged parts - match existing)</b>							
	Repair of damaged windows (replace damaged parts - match existing)	s.m	16.64					
	<b>Sub-total</b>							
8.00	<b>Roofing Works</b>							
8.36	Roof Sealant	L	6.00					
	<b>Sub-total</b>							
9.00	<b>Ceiling and Carpentry Works</b>							
	<b>Repair of deteriorated interior ceiling and exterior ceiling</b>							
	Interior Ceiling	sq.m	296.50					
	<b>Repair of deteriorated ceiling</b>							
9.02	Plywood, Ordinary 1/4" x 4' x 8'	pc.	61.00					
9.22	Finishing Nails	kg	2.00					

	<i>Exterior ceiling</i>	sq.m	62.40					
	<b>Repair of dilapidated ceiling and ceiling joist</b>							
9.06	Plywood, Marine 1/4" x 4' x 8'	pc.	15.00					
9.24	Concrete Nails	kg	1.00					
	<i>Blackboards</i>	sq.m.	17.28					
	<b>Repair of blackboards</b>							
	Repair of blackboards	s.m	17.28					
	<b>Sub-total</b>							
10.00	<b>Electrical Works</b>							
	<b>Repair/ rehabilitation of existing electrical wirings and fixtures including re-installation of existing ceiling and wall fans (replacement of damaged fixtures)</b>							
10.28	Duplex Convenience Outlet, Grounding Type, 20A, 250V	pc	3.00					
10.25	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	pc	2.00					
10.3610	FL 1 x 40W Industrial Type LED Lamp	set	9.00					
	<b>Sub-Total</b>							
13.00	<b>Painting Works</b>							
	<b>Wood Surfaces including interior and exterior ceiling, windows and doors and blackboards</b>							
	<i>Wood Surfaces</i>	sq.m	466.54					
13.04	Enamel, Flatwall	gal	24.00					
13.05	Enamel, Semi Gloss	gal	24.00					
13.16	Paint Thinner	gal	12.00					
	<b>All concrete surfaces</b>							
	<i>Concrete Surfaces</i>	sq m	555.20					
13.01	Latex, Flat	gal	23.00					
13.02	Latex, Semi Gloss	gal	23.00					
13.20	Acri Color	qrt	6.00					
	<b>Roofing and Accessories</b>	sq.m	396.00					
13.13	Gloss Acrylic Roof Paint	gal	16.00					
13.16	Paint Thinner	gal	4.00					
	<b>Window grills and Railings</b>							
	Window grills and Railings							
13.10	Primer, Red Oxide	gal	4.00					
13.06	Enamel, Quick Dry	gal	4.00					
13.16	Paint Thinner	gal	4.00					
	Removal of existing painting	s.m	555.20					
	<b>Sub-Total</b>							
<b>I</b>	<b>DIRECT COST</b>							
<b>II.</b>	<b>INDIRECT COST 17% of (I -</b>							

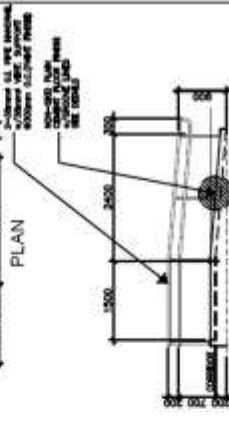
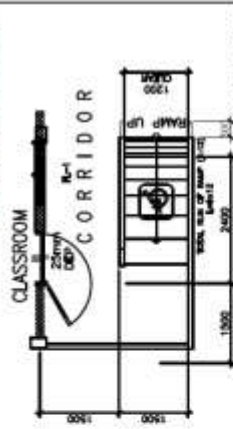
	<b>Gen. Req'ts.)</b>		
III	<b>TAX 5% of (I + II)</b>		
IV	<b>TOTAL CONSTRUCTION COST (I + II + III)</b>		

Prepared by:

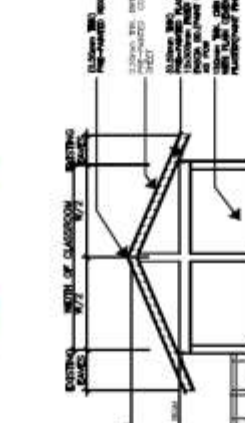
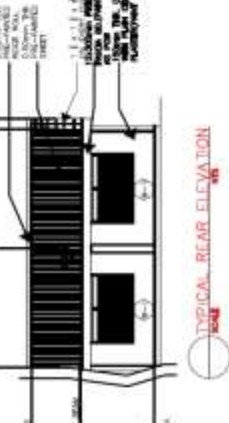
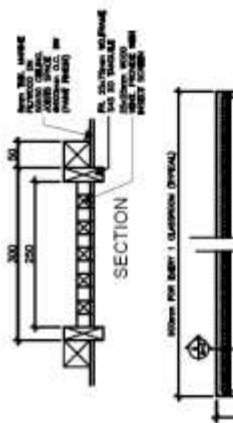
\_\_\_\_\_  
Contractor

## *Section VII. Drawings*

NOTES: 1. ALL DIMENSIONS ARE IN METERS.  
2. ALL DIMENSIONS ARE TO FACE UNLESS SPECIFIED OTHERWISE.



TYPICAL PERSPECTIVE  
SCALE: 1:100  
AED TONG, HOE, ARCHITECTS  
PROJECT TO PROGRAM OF WORKS FOR S.C. CLASSROOMS

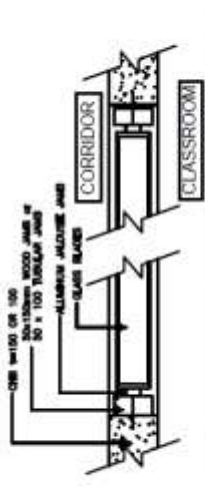
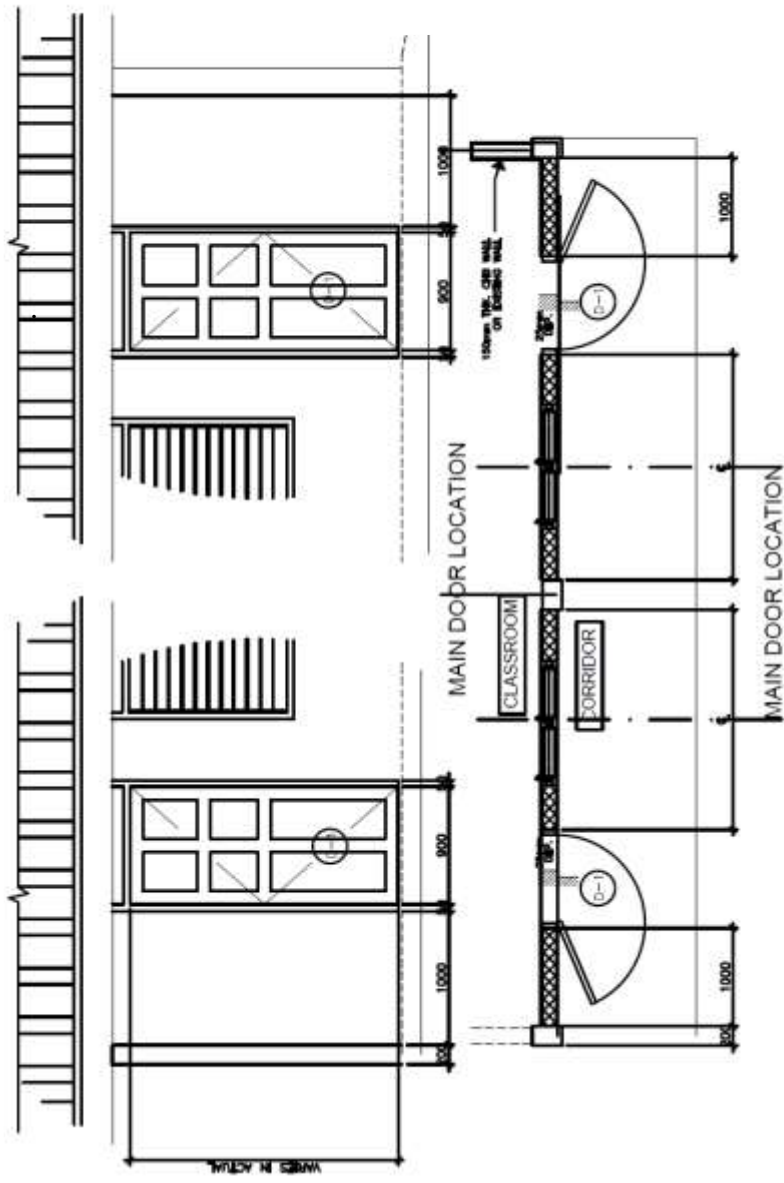


TYPICAL REAR ELEVATION  
SCALE: 1:50  
TYPICAL RIGHT SIDE ELEVATION  
SCALE: 1:50

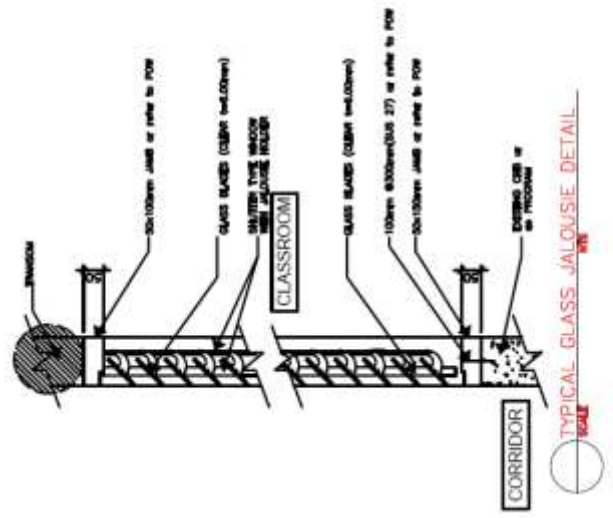


TYPICAL FLOOR PLAN  
SCALE: 1:50  
TYPICAL LEFT SIDE ELEVATION  
SCALE: 1:50  
TYPICAL FRONT ELEVATION  
SCALE: 1:50

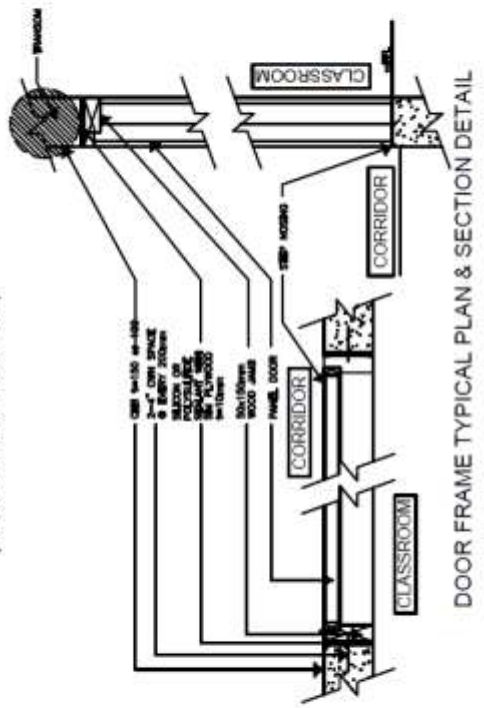




GLASS JALOUSIE TYPICAL DETAIL PLANS



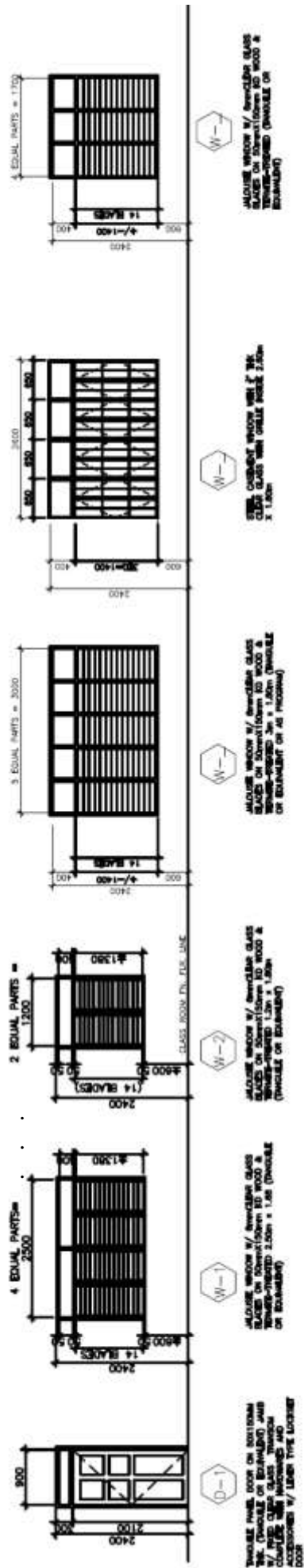
TYPICAL GLASS JALOUSIE DETAIL



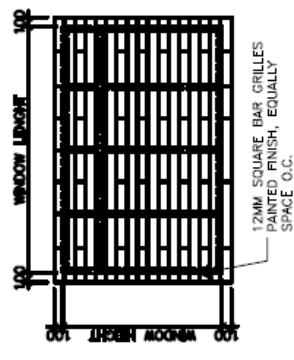
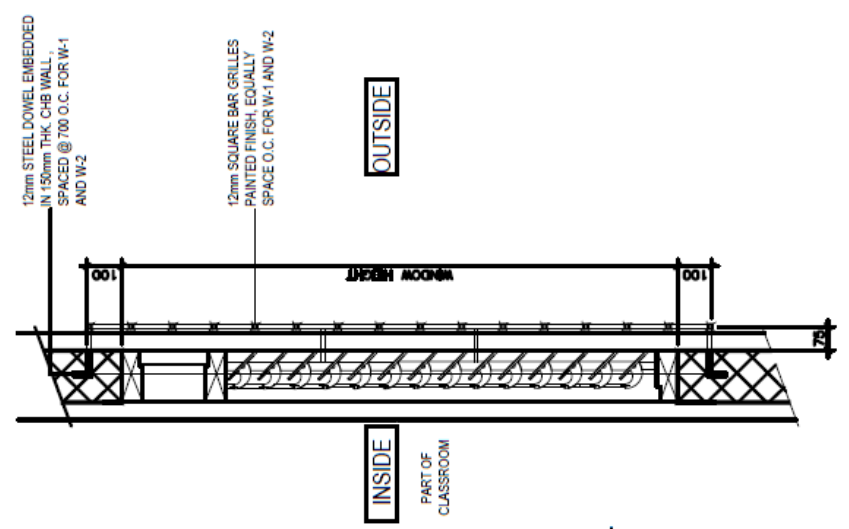
DOOR FRAME TYPICAL PLAN & SECTION DETAIL

ADDITIONAL NOTE:  
 PLAN MAY VARY OR NOT APPLICABLE AS  
 ACTUAL SITUATION OR AS PROGRAM OF  
 WORKS





**TYPICAL MAIN DOOR & WINDOW DETAIL AND SCHEDULE**



**GRILLES DETAIL**

ADDITIONAL NOTE:  
-ALSO REFER TO PROGRAM OF WORKS

**TYPICAL WINDOW GRILLES DETAIL**

GENERAL NOTES

1. ALL ELECTRICAL WORKS SHALL COMPLY IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS OR IN POK. THE APPLICABLE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE (PEC), THE RULES AND REGULATIONS OF THE LOCAL ENFORCING AUTHORITY AND THE REQUIREMENTS OF THE LOCAL POWER COMPANY. ALL ELECTRICAL WORKS SHALL BE UNDER THE IMMEDIATE SUPERVISION OF A DULY REGISTERED ELECTRICAL ENGINEER.
2. THE ELECTRICAL SERVICE POWER IS 1-PHASE, 2-WIRE, 230 V AC, 60 Hz.
3. WIRING METHOD SHALL BE AS FOLLOWS :
  - a. FEEDERS AND RISERS - RIGID METALLIC CONDUIT
  - b. LIGHTING, POWER RECEPTACLE - POLYVINYL CHLORIDE CONDUIT
  - c. BRANCH Ckt., & AUXILIARY - SCH. 40
4. ALL WIRES SHALL BE COPPER AND THERMOPLASTIC INSULATED TYPE "THW" UNLESS OTHERWISE INDICATED IN THE PLAN. THE MINIMUM SIZE OF WIRE FOR POWER AND LIGHTING CIRCUIT HORIZONTAL SHALL BE 3.5mm<sup>2</sup> AND INSULATED FOR 600 VOLTS. SMALLEST RACEWAY SHALL BE 15mm<sup>2</sup> TRADE/NOMINAL SIZE.
5. ALL OUTLET BOXES SHALL BE GALVANIZED GAGE NO. 16 DEEP TYPE WITH FACTORY HOOKOUTS.
6. ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND APPROVED TYPE FOR THE PARTICULAR LOCATION AND PURPOSE.
7. GROUNDING SYSTEM SHALL BE PROVIDED TO ALL LIGHTING AND POWER CIRCUIT AS PER PHILIPPINE ELECTRICAL CODE REQUIREMENT.
8. MOUNTING HEIGHT OF WIRING DEVICES SHALL BE AS FOLLOWS :
  - a. LIGHT SWITCH - 1.20 M ABOVE FINISH FLOOR
  - b. CONVENIENCE OUTLET - 0.30 M ABOVE FINISH FLOOR
  - c. SAFETY SWITCH - 1.80 M ABOVE FINISH FLOOR

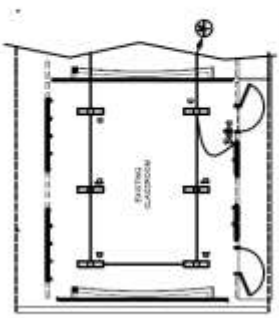
ADDITIONAL NOTE:  
 -THE ELECTRICAL WORKS ARE EITHER REPLACEMENT/ REWIRING OF ALL ELECTRICAL WIRING, FIXTURES AND OTHER NECESSARY ACCESSORIES OR JUST REHABILITATION OF EXISTING(REFER TO PROGRAM OF WORKS).

APPROXIMATE LOAD PER CLASSROOM BUILDING			
MOUNTING FLUSH	TYPE FLUSH		
	CIRCUIT BREAKER	WIRE & CONDUIT SIZE	
CKT. NO.	DESCRIPTION	VA LOAD	AMPS
1	CEILING OUTLET - 3 x 300W	1080	4.70
2	TOTAL ZONE - 8 x 1500W	240	1.04
3	WALL FAN - 11.25	200	0.83
TOTAL		1520 VA	

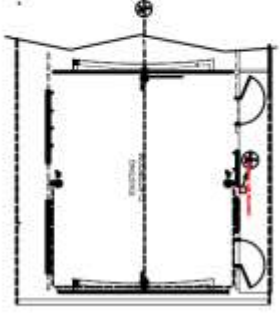
  

FEEDER : 2 - 8.0mm <sup>2</sup> THHN + 1 - 5.5 mm <sup>2</sup> TW (G) IN 25mm Ø RSC
PROTECTION : MAIN : 60A/100AF, 2P, 230V, 15kAC, BOLT-ON BRANCHER : 3 x 20A, 2P, BOLT-ON IN NEMA 1 ENCLOSURE
FEEDER : 2 - 8.0mm <sup>2</sup> THHN + 1 - 5.5 mm <sup>2</sup> TW (G) IN 25mm Ø RSC
PROTECTION : MAIN : 60A/100AF, 2P, 230V, 15kAC, BOLT-ON BRANCHER : 3 x 20A, 2P, BOLT-ON IN NEMA 1 ENCLOSURE

APPROXIMATE LOAD PER CLASSROOMS = 6.61 A X NO. OF CLASSROOMS = \_\_\_\_\_ A  
 (The load will depend on the No. of Classroom per Building)

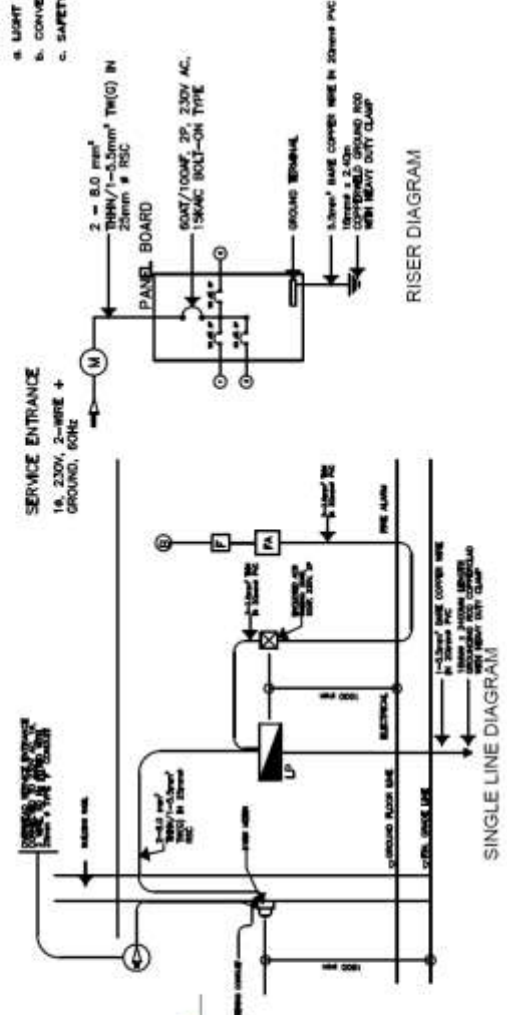


TYPICAL LIGHTING LAYOUT PER CLASSROOM



TYPICAL POWER LAYOUT PER CLASSROOM

- LEGEND**
- | SYMBOL             | DESCRIPTION               |
|--------------------|---------------------------|
| ○ with cross       | CEILING LIGHT OUTLET      |
| ○ with three lines | THREE GANG SERVICE SWITCH |
| □ with 'F'         | FLUORESCENT               |
| ○ with fan         | WALL FAN OUTLET           |
| ○ with 'A'         | FIRE ALARM STATION        |



RISER DIAGRAM

SINGLE LINE DIAGRAM





## *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 CORRESPONDING 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

## I. TECHNICAL COMPONENT ENVELOPE

### *Class “A” Documents*

#### Legal Documents

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

#### Technical Documents

- (e) 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**
- (f) Statement of the bidder’s Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules (*SLCC should be supported by Notice of Award; or Notice to Proceed; or Project Owner's Certificate of Final Acceptance issued by the owner other than the contractor*);  
**and**
- (g) Philippine Contractors Accreditation Board (PCAB) License;  
**or**  
Special PCAB License in case of Joint Ventures;  
**and** registration for the type and cost of the contract to be bid; **and**
- (h) 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**
- (i) 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**
- (j) 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

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

**Class "B" Documents**

- (m) 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 from the procuring entity

- (n) Affidavit of Site Inspection
- (o) Certificate of Site Inspection duly signed by the School Head or its Representative.

NUMBER OF COPIES OF ELIGIBILITY+TECHNICAL COMPONENT DOCUMENTS IN SEPARATE ENVELOPE

- One (1) Original Copy
- One (1) Additional Copy (Copy 1)
- One (1) Copy in compact disc (CD)

**The softcopy or CD copy of the Technical Component for Item "e" shall be in Microsoft Excel File format to facilitate Post-Qualification Evaluation.**

## II. FINANCIAL COMPONENT ENVELOPE

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

*Other documentary requirements under RA No. 9184*

- (q) Original of duly signed Bid Prices in the Bill of Quantities; **and**
- (r) 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**
- (s) Cash Flow by Quarter.

### NUMBER OF COPIES OF FINANCIAL COMPONENT DOCUMENTS IN SEPARATE ENVELOPE

- One (1) Original Copy
- One (1) Additional Copy (Copy 1)
- One (1) Copy in compact disc (CD)

**The softcopy or CD copy of the Technical Component for Items "q" and "r" must be in Microsoft Excel File format to facilitate Bid Evaluation.**

# **BIDDING FORMS**

- a. Bid Securing Declaration Form
- b. Bid Form
- c. Contract Agreement Form
- d. Omnibus Sworn Statement Form
- e. Performance Securing Declaration Form

## **Bid Securing Declaration Form**

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

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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 guidelines<sup>2</sup> for this purpose;

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<sup>2</sup> 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]*

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**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:*

*[Insert Procuring Entity]*

*for:*

*[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]*

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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]*

## Performance Securing Declaration (Revised)

*[if used as an alternative performance security but it is not required to be submitted with the Bid, as it shall be submitted within ten (10) days after receiving the Notice of Award]*

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REPUBLIC OF THE PHILIPPINES)  
CITY OF \_\_\_\_\_ ) S.S.

### PERFORMANCE SECURING DECLARATION

Invitation to Bid: [Insert Reference Number indicated in the Bidding Documents]

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

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, to guarantee the faithful performance by the supplier/distributor/manufacturer/contractor/consultant of its obligations under the Contract, I/we shall submit a Performance Securing Declaration within a maximum period of ten (10) calendar days from the receipt of the Notice of Award prior to the signing of the Contract.
2. I/We accept that: I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of one (1) year for the first offense, or two (2) years **for the second offense**, upon receipt of your Blacklisting Order if I/We have violated my/our obligations under the Contract;
3. I/We understand that this Performance Securing Declaration shall cease to be valid upon:
  - a. issuance by the Procuring Entity of the Certificate of Final Acceptance, subject to the following conditions:
    - i. Procuring Entity has no claims filed against the contract awardee;
    - ii. It has no claims for labor and materials filed against the contractor; and
    - iii. Other terms of the contract; or
  - b. replacement by the winning bidder of the submitted PSD with a performance security in any of the prescribed forms under Section 39.2 of the 2016 revised IRR of RA No. 9184 as required by the end-user.

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

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

*[Insert signatory's legal capacity]*

Affiant

**[Jurat]**

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

# **ANNEXES**

ANNEX A. Certificate 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



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

**CERTIFICATE OF SITE INSPECTION**

DATE: \_\_\_\_\_

**MARCELO K. PALISPIS,**  
Assistant 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 2021 Basic Educational Facilities Funds (BEFF) - Repair of Classrooms** at \_\_\_\_\_.

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

Issued by: \_\_\_\_\_

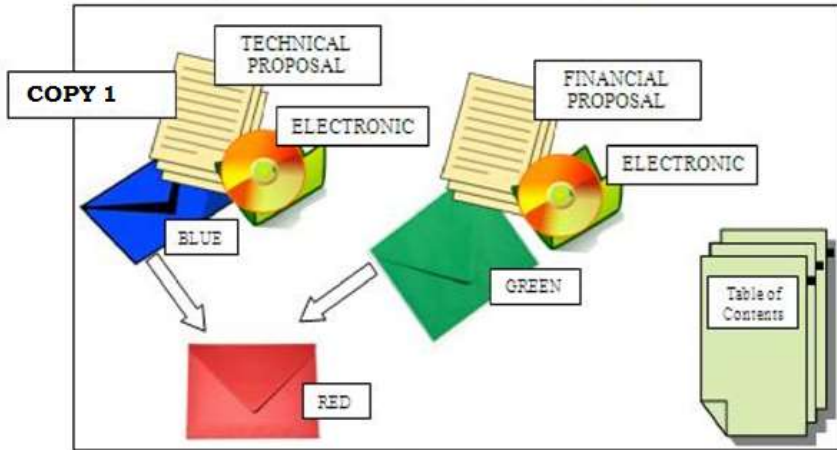
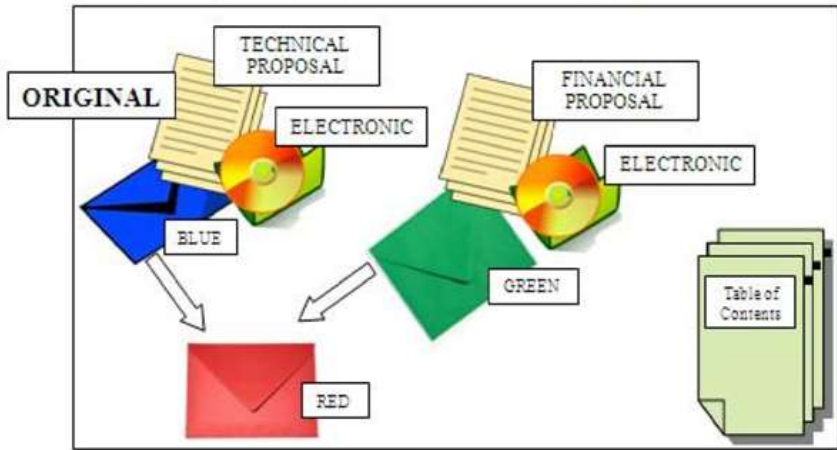
School Head/Representative **ANNEX B**



**ANNEX C**

**SEALING AND MARKING OF BIDS**





ORIGINAL / COPY NO. \_\_\_\_

[BIDDER'S COMPANY NAME]  
[COMPANY'S OFFICE ADDRESS]  
PUBLIC BIDDING: [PROJECT TITLE]  
BIDDING FOR [Lot no.]:[item description] (if applicable)

THE CHAIRPERSON  
BIDS AND AWARDS COMMITTEE  
DEPARTMENT OF EDUCATION  
SCHOOLS DIVISION OF NEGROS ORIENTAL  
[VENUE OF BID OPENING]

**DO NOT OPEN BEFORE [Insert TIME AND DATE OF BID OPENING]**





**Statement of all Completed Government & Private Construction Contracts which are similar in nature**

Business Name : \_\_\_\_\_  
 Business Address : \_\_\_\_\_

Name of Contract	a. Owner Name b. Address c. Telephone Nos.	Nature of Work	Contractor's Role		a. Amount at Award b. Amount at Completion c. Duration	a. Date Awarded b. Contract Effectivity c. Date Completed
			Description	%		
Government						
Private						

Note: This statement shall be supported with:  
 1 Contract  
 2 CPES rating sheets and/or Certificate of Completion  
 3 Certificate of Acceptance

Submitted by : \_\_\_\_\_  
 (Printed Name & Signature)  
 Designation : \_\_\_\_\_  
 Date : \_\_\_\_\_

*One of the technical documents required to be in the Eligibility Envelope of a prospective bidder is a list of all contracts which are similar in nature and complexity to the contract to be bid. This statement will show that the value of the prospective bidder's largest single completed contract, adjusted to current prices using the National Statistics Office (NSO) consumer price indices available at the G-EPIS website, and similar to the contract to be bid, must be at least fifty percent (50%) of the approved budget for the contract to be bid.*

Republic of the Philippines



Government Procurement Policy Board