

PHILIPPINE BIDDING DOCUMENTS

**Procurement of CY 2024
Repair/Rehabilitation of
Classrooms Program
Batch 1**

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 – Bangko Sentral ng Pilipinas.

CDA – Cooperative Development Authority.

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

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

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

CPI – Consumer Price Index.

DOLE – Department of Labor and Employment.

DTI – Department of Trade and Industry.

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

GFI – Government Financial Institution.

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

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

GOP – Government of the Philippines.

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

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PCAB – Philippine Contractors Accreditation Board.

PhilGEPS - Philippine Government Electronic Procurement System.

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

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

UN – United Nations.

Section I. Invitation to Bid

Notes on the Invitation to Bid

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

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

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

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



Project No. 2024 - 007

Republic of the Philippines
Department of Education
NATIONAL CAPITAL REGION
SCHOOLS DIVISION OFFICE OF MUNTINLUPA CITY

INVITATION TO BID FOR THE
CY 2024 REPAIR/REHABILITATION OF CLASSROOMS PROGRAM BATCH 1

1. The *Schools Division Office - Muntinlupa City*, through the *Republic Act No. 11975 – Fiscal Year 2024 General Appropriations Act (GAA) – Current Appropriations (31020010006000) - BEFF - Rehabilitation, Renovation, Repair of School Buildings and Water and Sanitation Facilities with Sub-Allotment Releases Order (Sub-ARO) No. OSEC-NCR-24-5379*, intends to apply the sum of *Six Million Pesos (P 6,000,000.00)* being the ABC to payments under the contract for the *CY 2024 Repair/Rehabilitation of Classrooms Program Batch 1 /Project No. 2024 - 007*. Bids received in excess of the ABC shall be automatically rejected at the bid opening.

Lot No.	Name of School	Project Description	ABC	Contract Duration
1	Cupang ES Annex	Repair of Classroom	P 1,450,569.22	120 Calendar Days
	Sucat ES Sitio Pagkakaisa Annex Zone 3	Repair of Classroom	4,014,257.48	
	Bayanan ES Unit 1	Repair of Classroom	535,173.30	
TOTAL			P 6,000,000.00	

2. The *Schools Division Office - Muntinlupa City* now invites bids for the above Procurement Project. Completion of Works is **120 Calendar Days** for Lot 1. Bidders should have completed a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).

3. Bidding will be conducted through open competitive bidding procedure using a non-discretionary “pass/fail” criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

4. Interested bidders may obtain further information from the *Schools Division Office - Muntinlupa City* and inspect the Bidding Documents at the address given below from **8:00 am – 5:00 pm**.

5. A complete set of Bidding Documents may be acquired by interested Bidders on **September 20, 2024**, from the *BAC Secretariat at the Student Center for Life Skills (SCLS) Building, Centennial Avenue, Laguerta, Tunasan, Muntinlupa* and the *website of the Procuring Entity* and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest guidelines issued by the GPPB, in the amount of **Ten Thousand Pesos**



Student Center for Life Skills Bldg., Centennial Ave, Brgy. Tunasan, Muntinlupa City
8805-9935, 8805-9940
sdo.muntinlupa@gmail.com
deped-muntinlupa.com

(₱ 10,000.00). The Procuring entity shall allow the bidder to present its proof of payment for the fees **in person**.

The Schedule and Venue of the procuring activities are as follows:

Activity	Date	Venue
Posting	September 20 - 27, 2024	PhilGEPS Procuring Entity's Website
Issuance of Bidding Documents	September 20 - 27, 2024 (8:00 am to 5:00 pm – Regular Office Hours)	Schools Division Office Muntinlupa City or thru the official email of SDO - Muntinlupa BAC
Pre-Bid Conference	September 30, 2024, Monday, 1:30 pm	Invitation shall be sent by the BAC Secretariat to the email address of the bidders
Submission and Opening of Bids	October 11, 2024, Friday, 1:30 pm	Schools Division Office Muntinlupa City (SCLS Bldg. 4th floor Activity Center)

6. The **Schools Division Office - Muntinlupa City** will hold a Pre-Bid Conference on **September 30, 2024, Monday, 1:30 pm** via **blended modality (face-to-face and online)**, which shall be open to prospective bidders. Prospective Bidders shall obtain the Microsoft Teams ID from the authorized personnel of SDO-Muntinlupa City Bids and Awards Committee Secretariat.

7. Bids (in printed copies) must be duly received by the BAC Secretariat through manual submission to the office address as indicated below, or thru any courier on or before **October 11, 2024, Friday, 1:30 pm**. Late bids shall not be accepted.

8. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB Clause 16**.

9. Bid opening (face-to-face) shall be on **October 11, 2024, Friday, 1:30 pm** at **Schools Division Office - Muntinlupa City, (SCLS Bldg., 4th floor Activity Center), Centennial Ave., Laguerta, Tunasan, Muntinlupa**. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.

10. The procuring entity is requiring the contractors/bidders for the procurement of **Repair/Rehabilitation of Various Classrooms** to be a licensed contractor of the Philippine Contractors Accreditation Board (PCAB) - Category C - Small B and above.

- An additional requirement before the sale of bidding document is to secure the Site Inspection Certification signed by the School Head.

11. The **Schools Division Office - Muntinlupa City** 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:

Ms. Lourdes V. Rodilla
BAC Secretariat - Member
SDO Muntinlupa City
Centennial Avenue, Laguerta, Tunasan, Muntinlupa City
(02) 8829-2308 loc. 129
sdomuntinlupabacsec@gmail.com

Mr. Joseph D. Nilo
BAC Secretariat - Member
SDO Muntinlupa City
Centennial Avenue, Laguerta, Tunasan, Muntinlupa City
(02) 8829-2308 loc. 120
sdomuntinlupabacsec@gmail.com

Ms. Joiche I. Luna
BAC Secretariat - Member
SDO Muntinlupa City
Centennial Avenue, Laguerta, Tunasan, Muntinlupa City
(02) 8829-2308
sdomuntinlupabacsec@gmail.com

13. You may visit the website: <http://deped-muntinlupa.com> for the downloading of the Bidding Documents.


MADÉLINE ANN L. DIAZ
BAC Chairperson

September 19, 2024

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, **Schools Division Office-Muntinlupa City** invites Bids for the **CY 2024 Repair/Rehabilitation of Classrooms Program Batch 1**, with Project Identification Number **Project Number 2024-007**.

2. Funding Information

2.1. The GOP through the source of funding as indicated below based on **Republic Act No. 11975 – Fiscal Year 2024 General Appropriations Act (GAA) – Current Appropriations (31020010006000) -BEFF – Rehabilitation, Renovation Repair of School Buildings and Water and Sanitation Facilities with Sub-Allotment Released Order (Sub-ARO) No. OSEC-NCR-24-5379**, intends to apply the sum of **Six Million Pesos (₱6,000,000.00)**.

2.2. The source of funding is:

a. **NGA, the National Expenditure Program.**

3. Bidding Requirements

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

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

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

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

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

5. Eligible Bidders

- 5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- 5.2. The Bidder must have an experience of having completed a Single Largest Completed Contract (SLCC) that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC adjusted, if necessary, by the Bidder to current prices using the PSA's CPI, except under conditions provided for in Section 23.4.2.4 of the 2016 revised IRR of RA No. 9184.
- 5.3. 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

- a. Subcontracting is not allowed.

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on **September 30, 2024, Monday, 1:30 pm.** via **blended modality (face-to-face and online)**, as indicated in paragraph 6 of the **IB**.

9. Clarification and Amendment of Bidding Documents

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

10. Documents Comprising the Bid: Eligibility and Technical Components

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section IX. Checklist of Technical and Financial Documents**.
- 10.2. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines.

For Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

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

11. Documents Comprising the Bid: Financial Component

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section IX. Checklist of Technical and Financial Documents**.
- 11.2. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 11.3. For Foreign-funded procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

12. Alternative Bids

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

13. Bid Prices

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

14. Bid and Payment Currencies

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

15. Bid Security

15.1. The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.

15.2. The Bid and bid security shall be valid until **February 8, 2025**. 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.

17. Deadline for Submission of Bids

The Bidders shall submit on the specified date and time and either at its physical address or through any courier 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																			
5.2	<p>For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be:</p> <p><i>Repair and Rehabilitation of Building Facilities</i></p>																		
7.1	<p><i>Subcontracting is not allowed.</i> <i>Ref: Sec II ITB Article 7a</i></p>																		
10.3	<p>Philippine Contractors Accreditation Board (PCAB) License Category C Building and Industrial Plant - Small B <i>Reference: IAC Category Section 5.2</i></p>																		
10.4	<p>The key personnel must meet the required minimum years of experience set below:</p> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;"><u>Key Personnel</u></th> <th style="text-align: left;"><u>General and Relevant Experience</u></th> </tr> </thead> <tbody> <tr> <td>Licensed Civil Engr</td> <td>3 yrs experience in construction</td> </tr> <tr> <td>General Foreman</td> <td>5 yrs all around construction</td> </tr> <tr> <td>Welder</td> <td>3 yrs experience</td> </tr> <tr> <td>Mason</td> <td>3 yrs experience</td> </tr> <tr> <td>Carpenter</td> <td>3 yrs experience</td> </tr> <tr> <td>Painter</td> <td>3 yrs experience</td> </tr> <tr> <td>Helper</td> <td>atleast 1 year experience</td> </tr> <tr> <td>Safety Officer</td> <td>3 yrs experience with COSH/BOSH</td> </tr> </tbody> </table>	<u>Key Personnel</u>	<u>General and Relevant Experience</u>	Licensed Civil Engr	3 yrs experience in construction	General Foreman	5 yrs all around construction	Welder	3 yrs experience	Mason	3 yrs experience	Carpenter	3 yrs experience	Painter	3 yrs experience	Helper	atleast 1 year experience	Safety Officer	3 yrs experience with COSH/BOSH
<u>Key Personnel</u>	<u>General and Relevant Experience</u>																		
Licensed Civil Engr	3 yrs experience in construction																		
General Foreman	5 yrs all around construction																		
Welder	3 yrs experience																		
Mason	3 yrs experience																		
Carpenter	3 yrs experience																		
Painter	3 yrs experience																		
Helper	atleast 1 year experience																		
Safety Officer	3 yrs experience with COSH/BOSH																		
10.5	<p>The minimum major equipment requirements are the following:</p> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;"><u>Equipment</u></th> <th style="text-align: left;"><u>Capacity</u></th> <th style="text-align: left;"><u>Number of Units</u></th> </tr> </thead> <tbody> <tr> <td>Hand/Carpentry Tools</td> <td></td> <td>5 sets</td> </tr> <tr> <td>Welding Machine</td> <td></td> <td>1</td> </tr> <tr> <td>One-Bagger Mixer</td> <td></td> <td>1</td> </tr> <tr> <td>Cutting Outfit</td> <td></td> <td>1</td> </tr> </tbody> </table>	<u>Equipment</u>	<u>Capacity</u>	<u>Number of Units</u>	Hand/Carpentry Tools		5 sets	Welding Machine		1	One-Bagger Mixer		1	Cutting Outfit		1			
<u>Equipment</u>	<u>Capacity</u>	<u>Number of Units</u>																	
Hand/Carpentry Tools		5 sets																	
Welding Machine		1																	
One-Bagger Mixer		1																	
Cutting Outfit		1																	
15.1	<p>The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts:</p> <p>a. The amount of not less than PhP120,000.00 (2%) of ABC, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit;</p> <p>b. The amount of not less than PhP300,000.00 (5%) of ABC if bid security is in Surety Bond.</p>																		
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 Manuals

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

- 15.2. If the Contractor does not provide the Drawings and/or manuals by the dates stated above, or they do not receive the Procuring Entity's Representative's approval, the Procuring Entity's Representative may withhold the amount stated in the SCC from payments due to the Contractor.

Section V. Special Conditions of Contract

Notes on the Special Conditions of Contract

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

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

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

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

Special Conditions of Contract

GCC Clause									
2	The Completion Date and Intended Completion Date for the whole of the works is 120 calendar days from receipt of NTP								
4.1	No further instruction.								
6	Site Inspection Certificate is required. The site is located at the following schools: <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: center;">School</th> <th style="text-align: center;">Address</th> </tr> </thead> <tbody> <tr> <td>Bayanan ES Unit I</td> <td>Bautista St. Ext. Baywalk Bayanan, Muntinlupa City</td> </tr> <tr> <td>Cupang ES Annex</td> <td>Sto. Niño St., Cupang, Muntinlupa City</td> </tr> <tr> <td>Sucat ES Sitio Pagkakaisa Zone 3</td> <td>Sitio Pagkakaisa, Sucat, Muntinlupa City</td> </tr> </tbody> </table>	School	Address	Bayanan ES Unit I	Bautista St. Ext. Baywalk Bayanan, Muntinlupa City	Cupang ES Annex	Sto. Niño St., Cupang, Muntinlupa City	Sucat ES Sitio Pagkakaisa Zone 3	Sitio Pagkakaisa, Sucat, Muntinlupa City
School	Address								
Bayanan ES Unit I	Bautista St. Ext. Baywalk Bayanan, Muntinlupa City								
Cupang ES Annex	Sto. Niño St., Cupang, Muntinlupa City								
Sucat ES Sitio Pagkakaisa Zone 3	Sitio Pagkakaisa, Sucat, Muntinlupa City								
7.2	<i>In case of permanent structures, such as buildings of types 4 and 5 as classified under the National Building Code of the Philippines and other structures made of steel, iron, or concrete which comply with relevant structural codes (e.g., DPWH Standard Specifications), such as, but not limited to, steel/concrete bridges, flyovers, aircraft movement areas, ports, dams, tunnels, filtration and treatment plants, sewerage systems, power plants, transmission and communication towers, railway system, and other similar permanent structures</i> Fifteen (15) years								
10	Dayworks are applicable at the rate shown in the Contractor's original Bid.								
11.1	Not Applicable								
11.2	Not Applicable								
13	The amount of the advance payment is not exceeding 15% of the total contract price and in two installments.								
14	Not Allowed								
15.1	The date by which "as built" drawing are required upon the completion of the project.								
15.2	The amount to be withheld for failing to produce "as built" drawings by the date required is equivalent to the final progress billing.								

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.

Section VII. Drawings

Not Applicable

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.

Detailed Unit Analysis, Bill of Quantities and Detailed Cost Estimate

- Bayanan ES Unit - Bautista St. Ext. Baywalk Bayanan, Muntinlupa City



DEPARTMENT OF EDUCATION
EDUCATION FACILITIES DIVISION
DepEd Complex, Meralco Avenue, Pasig City



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (3 STO 36CL, ROOM 310 & 311)

Location: Valera St., Bayanan, Muntinlupa City

Item: A.1

Description: Temporary Facilities

Quantity: 1.50
Output : 1.00
Unit: Month

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Rental of Office/ Storage House (including light and water)	Month	1.50		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (Ocm)				0% of D.
F.	Contractor's Profit				10% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (3 STO 36CL, ROOM 310 & 311)

Location: Valera St., Bayanan, Muntinlupa City

Item: B.1

Description: Fire Safety Inspection Certificate (FSIC)

Quantity: 1.00
Output : 1.00
Unit: lot

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



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (3 STO 36CL, ROOM 310 & 311)

Location: Valera St., Bayanan, Muntinlupa City

Item: SPL 1

Description: Project Billboard

Quantity: 1.00
Output: 1.00
Unit: Each

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	4.00		
	Skilled Laborer	1	4.00		
	Unskilled Laborer	1	4.00		
Sub-Total (Labor)				Php	-
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)				Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	8' x 8' Tarpaulin, 2 sets	sq ft	64.00		
	Good Lumber (Frames)	bd.ft	48.00		
	Assorted CW Nails	kg	1.00		
Sub-Total (Materials)				Php	
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (Ocm)			12% of D.	
F.	Contractor's Profit			10% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (3 STO 36CL, ROOM 310 & 311)

Location: Valera St., Bayanan, Muntinlupa City

Item: SPL 2

Description: Construction Safety and Health

Quantity: 1.50
Output : 1.00
Unit: Month

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Safety Officer	1	281.36		
	First Aider	1	281.36		
Sub-Total (Labor)				Php	-
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					
				Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	First Aid Kit	Ls	1		
	Personal Protective equipment (PPE)				
	Safety Helmet	man - days	10		
	Safety Shoes	man - days	10		
	Safety Gloves	man - days	25		
	Signages and Barricades				
	PPE Signage (4' x 8')	set	1		
	Safety First (4' x 4')	set	1		
	Warning Signs (2' x 3')	set	1		
	Caution Tape, 100 ft	roll	1		
Sub-Total (Materials)				Php	
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (Ocm)				0% of D.
F.	Contractor's Profit				10% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (3 STO 36CL, ROOM 310 & 311)

Location: Valera St., Bayanan, Muntinlupa City

Item: C.1

Description: Mobilization and Demobilization

Quantity: 1.00
Output : 1.00
Unit: Ls

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



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (3 STO 36CL, ROOM 310 & 311)

Location: Valera St., Bayanan, Muntinlupa City

Item: 6 (a)

Description: Removal of Door with Jamb

Quantity: 2.00
Output per hour: 1.33
Unit: set

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	1.50		
	Skilled Laborer	1	1.50		
	Unskilled Laborer	1	1.50		
Sub-Total (Labor)				Php	-
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)				Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
Sub-Total (Materials)				Php	
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	
F.	Contractor's Profit			10% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (3 STO 36CL, ROOM 310 & 311)

Location: Valera St., Bayanan, Muntinlupa City

Item: 6 (b)

Description: Removal of Window with Jamb

Quantity: 10.56
Output per hour: 3.88
Unit: sq m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	4.00		
	Skilled Laborer	1	4.00		
	Unskilled Laborer	2	4.00		
Sub-Total (Labor)				Php	-
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment) Php -					
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Removal of Window with Jamb	sq. m.	10.56		
Sub-Total (Materials)				Php	
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				12% of D.
F.	Contractor's Profit				10% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (3 STO 36CL, ROOM 310 & 311)

Location: Valera St., Bayanan, Muntinlupa City

Item: 6 (d)

Description: Wooden Panel Door

Quantity: 4.16
Output per hour: 0.32
Unit: sq m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	12.99		
	Skilled Laborer	1	12.99		
	Unskilled Laborer	2	12.99		
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	2.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				12% of D.
F.	Contractor's Profit				10% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (3 STO 36CL, ROOM 310 & 311)

Location: Valera St., Bayanan, Muntinlupa City

Item: 6 (e)

Description: Jalousie Window (Glass)

Quantity: 10.56
Output per hour: 0.27
Unit: sq m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	39.11		
	Skilled Laborer	1	39.11		
	Unskilled Laborer	1	39.11		
Sub-Total (Labor)				Php	-
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)				Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	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 Concreting	set	4.00		
		lot	1.00		
Sub-Total (Materials)				Php	
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				12% of D.
F.	Contractor's Profit				10% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (3 STO 36CL, ROOM 310 & 311)

Location: Valera St., Bayanan, Muntinlupa City

Item: 8 (d)

Description: Fabricated Metal Roofing Accessory Flashing

Quantity: 50.80
Output per hour: 11.80
Unit: m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	4.31		
	Skilled Laborer	1	4.31		
	Unskilled Laborer	1	4.31		
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	20.00		
	Blind Rivets	pc	200.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				12% of D.
F.	Contractor's Profit				10% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (3STO 36CL, ROOM 310 & 311)

Location: Valera St., Bayanan, Muntinlupa City

Item: 9 (d)

Description: Removal of Ceiling

Quantity: 188.10
Output per hour: 17.34
Unit: sq m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	10.85		
	Skilled Laborer	1	10.85		
	Unskilled Laborer	3	10.85		
Sub-Total (Labor)				Php	-
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	H - Frame 1.7m x 1.2m	4	10.85		
Sub-Total (Equipment)				Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
Sub-Total (Materials)				Php	
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	
F.	Contractor's Profit			10% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (3STO 36CL, ROOM 310 & 311)

Location: Valera St., Bayanan, Muntinlupa City

Item: 9 (e)

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

Quantity: 188.10
Output per hour: 1.489
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	126.33		
	Skilled Laborer	1	126.33		
	Unskilled Laborer	2	126.33		
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Rough Lumber, Sun Dried, Tanguile	bd.ft	188.10		
	Fiber Cement Ceiling Board (4.5mm thk)	pc	822.00		
	Finishing Nails	kg	64.00		
	CWN, Assorted	kg	4.00		
	Concrete Nails	kg	15.00		
	Wood Preservative, Brown	L	3.00		
			5.00		
Sub-Total (Materials)					Php -
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				12% of D.
F.	Contractor's Profit				10% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (3 STO 36CL, ROOM 310 & 311)

Location: Valera St., Bayanan, Muntinlupa City

Item: 13 (a)

Description: Masonry Painting

Quantity: 160.10
Output per hour: 27.00
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	5.93		
	Skilled Laborer	2	5.93		
	Unskilled Laborer	1	5.93		
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Latex, Semi Gloss	gal	9.00		
	Acri Color	qrt	3.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	
F.	Contractor's Profit			10% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (3 STO 36CL, ROOM 310 & 311)

Location: Valera St., Bayanan, Muntinlupa City

Item: 13 (b)

Description: Wooden Painting

Quantity: 188.10
Output per hour: 27.00
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	6.97		
	Skilled Laborer	2	6.97		
	Unskilled Laborer	1	6.97		
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	H - Frame 1.7m x 1.2m	16	40.00		
Sub-Total (Equipment)					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Enamel, Flatwall	gal	10.00		
	Enamel, Semi Gloss	gal	10.00		
	Paint Thinner	gal	5.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	
F.	Contractor's Profit			10% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	

PROGRAM OF WORKS

BILL OF QUANTITIES

CY 2024 - REPAIR BATCH 1 - NCR - MUNTINLUPA CITY - 003

School	: BAYANAN ES UNIT 1				Date:	June 3, 2024		
School I.D	: 136910				Budget Allocation:	535,173.30		
Region	: NCR				Engineering and Administrative Overhead:	0.00		
Division	: SDO MUNTINLUPA CITY				Approved Budget for the Contract:	535,173.30		
Project Title	:							
REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (3 STO 36CL, ROOM 310 & 311)								
Minimum Required Manpower:								
	Engineer	Foreman	Carpenter					
	Helper	Mason	Painter					
Minimum Required Equipment:								
	Hand Tools	One-Bagger Mixer	Bar Cutter					
Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost	Adjusted Total Cost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
					(6) / (5)	(9) / (5)		
A.	Facilities for the Engineer							
A.1	Temporary Facilities		Month	1.50				
B.	Other General Requirements							
B.1	Fire Safety Inspection Certificate (FSIC)		lot	1.00				
SPL 1	Project Billboard		Each	1.00				
SPL 2	Construction Safety and Health		Month	1.50				
C.	Mobilization and Demobilization							
C.1	Mobilization and Demobilization		Ls	1.00				
6.0000	Fabricated Materials and Hardware							
	Removal of Door with Jambs		set	2.00				
	Removal of Window with Jambs		sq m	10.56				
	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)		sq m	4.16				
6 (e)	Jalousie Window (Glass)		set	4.00				
8.0000	Roofing Works							
	Fabricated Metal Roofing Accessory Flashing		m	50.80				

PROGRAM OF WORKS

BILL OF QUANTITIES

CY 2024 - REPAIR BATCH 1 - NCR - MUNTINLUPA CITY - 003

School	: BAYANAN ES UNIT 1			Date:	June 3, 2024		
School I.D	: 136910			Budget Allocation:	535,173.30		
Region	: NCR			Engineering and Administrative Overhead:	0.00		
Division	: SDO MUNTINLUPA CITY			Approved Budget for the Contract:	535,173.30		
Project Title	:			Completion Period:			
Minimum Required Manpower:							
		Engineer	Foreman	Carpenter			
		Helper	Mason	Painter			
Minimum Required Equipment:							
		Hand Tools	One-Bagger Mixer	Bar Cutter			
REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (3 STO 36CL, ROOM 310 & 311)							
Location : Valera St., Bayanan, Muntinlupa City							
Item No.	Description	% of Total	Unit	Quantity	Direct Cost	Adjusted Unit Cost	Adjusted Total Cost
(1)	(2)	(3)	(4)	(5)	(6)	(8)	(9)
9.0000	Ceiling and Carpentry Works						
	Removal of Ceiling		sq. m.	188.10			
	4.5mm Fiber Cement Board/ 4.5mm Marine Plywood/ 6.0mm Marine Plywood/ 6.0 mm Ordinary Plywood in Wood Frame Ceiling		sq. m.	188.10			
13.0000	Painting Works						
	Concrete Painting		sq. m.	160.10			
	Wooden Painting		sq. m.	188.10			
		100.00%					Total Construction Cost
							-

Prepared by:

Contractor's Representative

PROGRAM OF WORKS
DETAILED COST ESTIMATE

(TOTAL CONSTRUCTION COST/ ABC)

CY 2024 - REPAIR Batch 1- NCR - MUNTINLUPA CITY - 003

PROJECT : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (3 STO 36CL, ROOM 310 & 311)
SCHOOL : BAYANAN ES UNIT 1
LOCATION : Valera St., Bayanan, Muntinlupa City
OWNER : **DEPARTMENT OF EDUCATION**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UP		VAT (5%)	TOTAL INDIRECT COST	ADJUSTED TOTAL COST	ADJUSTED UNIT COST
					OCM	PROFIT	%	VALUE				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	A. Facilities for the Engineer											
A.1	Temporary Facilities	1.50	Month		0%	10%	10%					
	B. Other General Requirements											
B.1	Fire Safety Inspection Certificate (FSIC)	1.00	lot		0%	0%	0%					
SPL 1	Project Billboard	1.00	Each		12%	10%	22%					
SPL 2	Construction Safety and Health	1.50	Month		0%	10%	10%					
	C. Mobilization and Demobilization											
C.1	Mobilization and Demobilization	1.00	1s		0%	0%	0%					
	Fabricated Materials and Hardware											
	Removal of Door with Jambs	2.00	set		12%	10%	22%					
	Removal of Window with Jambs	10.56	sq m		12%	10%	22%					
	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	4.16	sq m		12%	10%	22%					
	Jalousie Window (Glass)	4.00	set		12%	10%	22%					
	Roofing Works											
	Fabricated Metal Roofing Accessory Flashing	50.80	m		12%	10%	22%					
	Carpentry Works											
	Removal of Ceiling	188.10	sq. m.		12%	10%	22%					
	4.5mm Fiber Cement Board/ 4.5mm Marine Plywood/ 6.0mm Marine Plywood/ 6.0 mm Ordinary Plywood in Wood Frame Ceiling	188.10	sq. m.		12%	10%	22%					
	Painting Works											
	Concrete Painting	160.10	sq. m.		12%	10%	22%					
	Wooden Painting	188.10	sq. m.		12%	10%	22%					
	TOTAL CONSTRUCTION COST											

CONTRACT DURATION : 60 CD

Prepared by:

Contractor's Representative

- **Cupang ES – Annex - Sto. Niño St., Cupang, Muntinlupa City**



DEPARTMENT OF EDUCATION
EDUCATION FACILITIES DIVISION
DepEd Complex, Meralco Avenue, Pasig City



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR OF CLASSROOMS, BUILDING 1, (11CL) & BUILDING 2 (1CL)

Location: Sto. Niño St., Cupang, Muntinlupa City

Item: A.1

Description: Temporary Facilities

Quantity: 3.00
Output : 1.00
Unit: Month

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Rental of Office/ Storage House (including light and water)	Month	3.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (Ocm)				0% of D.
F.	Contractor's Profit				10% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR OF CLASSROOMS (11CL)

Location: Sto. Niño St., Cupang, Muntinlupa City

Item: A.1

Description: Provisional Sum (Hauling) 100 meters

Quantity: 1.00
Output : 1.00
Unit: lot

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1.00	40.00		
	Unskilled Laborer	10.00	40.00		
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (Ocm)				0% of D.
F.	Contractor's Profit				0% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR OF CLASSROOMS, BUILDING 1, (11CL) & BUILDING 2 (1CL)

Location: Sto. Niño St., Cupang, Muntinlupa City

Item: B.1

Description: Fire Safety Inspection Certificate (FSIC)

Quantity: 1.00
Output : 1.00
Unit: lot

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



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR OF CLASSROOMS, BUILDING 1, (11CL) & BUILDING 2 (1CL)

Location: Sto. Niño St., Cupang, Muntinlupa City

Item: SPL 1

Description: Project Billboard

Quantity: 1.00
Output: 1.00
Unit: Each

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	4.00		
	Skilled Laborer	1	4.00		
	Unskilled Laborer	1	4.00		
Sub-Total (Labor)				Php	-
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					
				Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	8' x 8' Tarpaulin, 2 sets	sq ft	64.00		
	Good Lumber (Frames)	bd.ft	48.00		
	Assorted CW Nails	kg	1.00		
Sub-Total (Materials)				Php	
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (Ocm)				12% of D.
F.	Contractor's Profit				10% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR OF CLASSROOMS, BUILDING 1, (11CL) & BUILDING 2 (1CL)

Location: Sto. Niño St., Cupang, Muntinlupa City

Item: SPL 2

Description: Construction Safety and Health

Quantity: 3.00
Output : 1.00
Unit: Month

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Safety Officer	1	720.00		
	First Aider	1	720.00		
Sub-Total (Labor)				Php	-
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					
				Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	First Aid Kit	Ls	1		
	Personal Protective equipment (PPE)				
	Safety Helmet	man - days	10		
	Safety Shoes	man - days	10		
	Safety Gloves	man - days	25		
	Signages and Barricades				
	PPE Signage (4' x 8')	set	1		
	Safety First (4' x 4')	set	1		
	Warning Signs (2' x 3')	set	1		
	Caution Tape, 100 ft	roll	1		
Sub-Total (Materials)				Php	
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (Ocm)				0% of D.
F.	Contractor's Profit				10% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR OF CLASSROOMS, BUILDING 1, (11CL) & BUILDING 2 (1CL)

Location: Sto. Niño St., Cupang, Muntinlupa City

Item: C.1

Description: Mobilization and Demobilization

Quantity: 1.00
Output : 1.00
Unit: Ls

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



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR OF CLASSROOMS, BUILDING 1, (11CL) & BUILDING 2 (1CL)

Location: Sto. Niño St., Cupang, Muntinlupa City

Item: 5 (e)

Description: Plain Cement Plaster Finish @ Building 2

Quantity: 42.24
Output per hour: 7.125
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	5.93		
	Skilled Laborer	1	5.93		
	Unskilled Laborer	2	5.93		
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Portland Cement	bags	28.00		
	Washed Sand	cu.m	3.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				12% of D.
F.	Contractor's Profit				10% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR OF CLASSROOMS, BUILDING 1, (11CL) & BUILDING 2 (1CL)

Location: Sto. Niño St., Cupang, Muntinlupa City

Item: 5 (e)

Description: Plain Cement Plaster Finish @ Building 1

Quantity: 33.79
Output per hour: 7.125
Unit: Ls

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	4.74		
	Skilled Laborer	1	4.74		
	Unskilled Laborer	2	4.74		
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	H - Frame 1.7m x 1.2m	3	4.74		
Sub-Total (Equipment)					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Portland Cement	bags	23.00		
	Washed Sand	cu.m	3.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				12% of D.
F.	Contractor's Profit				10% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR OF CLASSROOMS, BUILDING 1, (11CL) & BUILDING 2 (1CL)

Location: Sto. Niño St., Cupang, Muntinlupa City

Item: 5 (e)

Description: Floor Topping

Quantity: 276.80
Output per hour: 7.125
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount	
	Construction Foreman	1	38.85			
	Skilled Laborer	1	38.85			
	Unskilled Laborer	2	38.85			
Sub-Total (Labor)					Php	-
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount	
Sub-Total (Equipment)					Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount	
	Portland Cement	bags	183.00			
	Washed Sand	cu.m	19.00			
Sub-Total (Materials)					Php	
D.	Direct Cost (A+B+C)			Php		
E.	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.		
F.	Contractor's Profit			10% of D.		
G.	Value Added Tax (VAT)			5% of (D+E+F)		
H.	Adjusted Total Cost (D+E+F+G)			Php		
I.	Adjusted Unit Cost (H/Quantity)			Php		

Prepared by:

Contractor's Representative



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR OF CLASSROOMS, BUILDING 1, (11CL) & BUILDING 2 (1CL)

Location: Sto. Niño St., Cupang, Muntinlupa City

Item: 6 (a)

Description: Removal of Door with Jamb @ Room 2

Quantity: 1.00
 Output per hour: 1.33
 Unit: set

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	0.75		
	Skilled Laborer	1	0.75		
	Unskilled Laborer	1	0.75		
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	
F.	Contractor's Profit			10% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR OF CLASSROOMS, BUILDING 1, (11CL) & BUILDING 2 (1CL)

Location: Sto. Niño St., Cupang, Muntinlupa City

Item: 6 (b)

Description: Removal of Window with Jamb

Quantity: 28.88
Output per hour: 3.88
Unit: sq m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	4.00		
	Skilled Laborer	1	4.00		
	Unskilled Laborer	2	4.00		
Sub-Total (Labor)				Php	-
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment) Php -					
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Removal of Window with Jamb	sq. m.	28.88		
Sub-Total (Materials)				Php	
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	
F.	Contractor's Profit			10% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR OF CLASSROOMS, BUILDING 1, (11CL) & BUILDING 2 (1CL)

Location: Sto. Niño St., Cupang, Muntinlupa City

Item: 6 (d)

Description: Wooden Panel Door @ Building 1 Room 2

Quantity: 2.08
Output per hour: 0.32
Unit: sq m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	6.50		
	Skilled Laborer	1	6.50		
	Unskilled Laborer	2	6.50		
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	1.00		
	Concreting	lot	1.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				12% of D.
F.	Contractor's Profit				10% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR OF CLASSROOMS, BUILDING 1, (11CL) & BUILDING 2 (1CL)

Location: Sto. Niño St., Cupang, Muntinlupa City

Item: 6 (e)

Description: Sliding Aluminum Window Building 1 Room 1

Quantity: 3.30
Output per hour: 0.27
Unit: sq m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	12.22		
	Skilled Laborer	1	12.22		
	Unskilled Laborer	1	12.22		
Sub-Total (Labor)				Php	-
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)				Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Sliding Aluminum Window	sq m	3.30		
	Concreting	lot	1.00		
Sub-Total (Materials)				Php	
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	
F.	Contractor's Profit			10% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR OF CLASSROOMS, BUILDING 1, (11CL) & BUILDING 2 (1CL)

Location: Sto. Niño St., Cupang, Muntinlupa City

Item: 8 (a)

Description: Removal of Flashing @ Building 1 & 2

Quantity: 6.00
 Output per hour: 0.750
 Unit: pc

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	8.00		
	Skilled Laborer	1	8.00		
	Unskilled Laborer	3	8.00		
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Electric Hand Drill	2	4.00		
	H - Frame 1.7m x 1.2m	96	8.00		
Sub-Total (Equipment)					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	
F.	Contractor's Profit			10% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	

Prepared by:

Contractor's Representative



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR OF CLASSROOMS, BUILDING 1, (11CL) & BUILDING 2 (1CL)

Location: Sto. Niño St., Cupang, Muntinlupa City

Item: 8 (d)

Description: Fabricated Metal Roofing Accessory Flashing @ Building 1 & 2

Quantity: 30.48
Output per hour: 11.80
Unit: m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	2.58		
	Skilled Laborer	1	2.58		
	Unskilled Laborer	1	2.58		
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	12.00		
	Blind Rivets	pc	120.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				12% of D.
F.	Contractor's Profit				10% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR OF CLASSROOMS, BUILDING 1, (11CL) & BUILDING 2 (1CL)

Location: Sto. Niño St., Cupang, Muntinlupa City

Item: 10 (b)

Description: Wires and Wiring Devices

Quantity: 1.00
 Output per hour: 1.00
 Unit: Ls

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	16.00		
	Skilled Laborer	2	16.00		
	Unskilled Laborer	4	16.00		
Sub-Total (Labor)				Php	-
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)				Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	3.5 mm ² THHN Wire, Stranded	m	100.00		
	Electrical Tape	pc	10.00		
Sub-Total (Materials)				Php	
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				12% of D.
F.	Contractor's Profit				10% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR OF CLASSROOMS, BUILDING 1, (11CL) & BUILDING 2 (1CL)

Location: Sto. Niño St., Cupang, Muntinlupa City

Item: 10 (c)

Description: Lighting Fixtures/ Fixtures

Quantity: 1.00
Output per hour: 1.00
Unit: Ls

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	16.00		
	Skilled Laborer	1	16.00		
	Unskilled Laborer	2	16.00		
Sub-Total (Labor)				Php	-
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)				Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Single Pole Wall Switch in One Switch Plate (10 AMP, 230V)	set	16.00		
	Wall Fan, 60W, 230V, 60Hz (2 sets for Bldg. 2)	set	12.00		
	Exhaust Fan (Room 3, 4, 10, 11 & Building 2)	set	6.00		
Sub-Total (Materials)				Php	-
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				12% of D.
F.	Contractor's Profit				10% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR OF CLASSROOMS, BUILDING 1, (11CL) & BUILDING 2 (1CL)

Location: Sto. Niño St., Cupang, Muntinlupa City

Item: 9 (d)

Description: Removal of Ceiling @ Room 10

Quantity: 29.70
Output per hour: 17.34
Unit: sq m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	36.00		
	Skilled Laborer	1	36.00		
	Unskilled Laborer	3	36.00		
Sub-Total (Labor)				Php	-
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	H - Frame 1.7m x 1.2m	48	48.00		
Sub-Total (Equipment)				Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
Sub-Total (Materials)				Php	-
D.	Direct Cost (A+B+C)			Php	-
E.	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	-
F.	Contractor's Profit			10% of D.	-
G.	Value Added Tax (VAT)			5% of (D+E+F)	-
H.	Adjusted Total Cost (D+E+F+G)			Php	-
I.	Adjusted Unit Cost (H/Quantity)			Php	-



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR OF CLASSROOMS, BUILDING 1, (11CL) & BUILDING 2 (1CL)

Location: Sto. Niño St., Cupang, Muntinlupa City

Item: 9 (e)

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

Quantity: 29.70
Output per hour: 1.489
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	19.95		
	Skilled Laborer	1	19.95		
	Unskilled Laborer	2	19.95		
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Interior Ceiling @ Room 10	sq. m.	29.70		
	Rough Lumber, Sun Dried, Tanguile	bd.ft	65.00		
	Plywood, Ordinary 1/4" x 4' x 8'	pc	10.00		
	Finishing Nails	kg	1.00		
	CWN, Assorted	kg	2.00		
	Concrete Nails	kg	3.00		
	Wood Preservative, Brown	L	5.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				12% of D.
F.	Contractor's Profit				10% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR OF CLASSROOMS, BUILDING 1, (11CL) & BUILDING 2 (1CL)

Location: Sto. Niño St., Cupang, Muntinlupa City

Item: 13 (a)

Description: Masonry Painting @ Building 2

Quantity: 42.24
Output per hour: 27.00
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	1.56		
	Skilled Laborer	2	1.56		
	Unskilled Laborer	1	1.56		
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Neutralizer	gal	1.00		
	Latex, Flat	gal	3.00		
	Masonry Putty	gal	3.00		
	Latex, Semi Gloss	gal	3.00		
	Acri Color	gal	1.00		
Sub-Total (Materials)					Php -
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	
F.	Contractor's Profit			10% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR OF CLASSROOMS, BUILDING 1, (11CL) & BUILDING 2 (1CL)

Location: Sto. Niño St., Cupang, Muntinlupa City

Item: 13 (b)

Description: Wooden Painting

Quantity: 93.06
Output per hour: 27.00
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	3.45		
	Skilled Laborer	2	3.45		
	Unskilled Laborer	1	3.45		
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	H - Frame 1.7m x 1.2m	16	40.00		
Sub-Total (Equipment)					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Enamel, Flatwall	gal	5.00		
	Glazing Putty	gal	5.00		
	Enamel, Semi Gloss	gal	5.00		
	Paint Thinner	gal	4.00		
Sub-Total (Materials)					Php -
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	
F.	Contractor's Profit			10% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR OF CLASSROOMS, BUILDING 1, (11CL) & BUILDING 2 (1CL)

Location: Sto. Niño St., Cupang, Muntinlupa City

Item: 14 (a)

Description: Glazed Tiles and Trims @ Room 4 CR)

Quantity: 8.64
Output per hour: 1.365
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	6.33		
	Skilled Laborer	5	6.33		
	Unskilled Laborer	5	6.33		
Sub-Total (Labor)				Php	-
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)				Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Removal/disposal of Tiles	lot	1.00		
	Glazed Wall Tiles 20cm x 20cm	pcs	223.00		
	Portland Cement	bag	1.00		
	Washed Sand	cu. m.	1.00		
	Tile Grout 5 kg/bag	bag	1.00		
	Tile Adhesive 25 kg/bag	bag	2.00		
Sub-Total (Materials)				Php	
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	
F.	Contractor's Profit			10% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR OF CLASSROOMS, BUILDING 1, (11CL) & BUILDING 2 (1CL)

Location: Sto. Niño St., Cupang, Muntinlupa City

Item: 14 (b)

Description: Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles @ Room 4 CR

Quantity: 1.58
Output per hour: 3.00
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	0.53		
	Skilled Laborer	5	0.53		
	Unskilled Laborer	5	0.53		
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					
Php -					
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Building 1, Room 4 CR	sq. m.	1.58		
	Removal/disposal of Tiles	lot	1.00		
	Unglazed Floor Tiles 20cm x 20cm	pc	41.00		
	Portland Cement	bag	1.00		
	Washed Sand	cu.m	1.00		
	Tile Adhesive 25 kg/bag	bag	1.00		
	Tile Grout 5 kg/bag	bag	1.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				12% of D.
F.	Contractor's Profit				10% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

DETAILED UNIT PRICE ANALYSIS

Project : REPAIR OF CLASSROOMS, BUILDING 1, (11CL) & BUILDING 2 (1CL)

Location: Sto. Niño St., Cupang, Muntinlupa City

Item: 14 (b)

Description: Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles @ Building 1 (Room 1-11)

Quantity: 326.49
Output per hour: 1.95
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	167.43		
	Skilled Laborer	5	167.43		
	Unskilled Laborer	5	167.43		
Sub-Total (Labor)				Php	-
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)				Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Building 1, 1 Storey 11CL	sq. m.	326.49		
	Unglazed Floor Tiles 60cm x 60cm	pc	935.00		
	Portland Cement	bag	27.00		
	Washed Sand	cu.m	3.00		
	Tile Adhesive 25 kg/bag	bag	59.00		
	Tile Grout 5 kg/bag	bag	25.00		
Sub-Total (Materials)				Php	
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	
F.	Contractor's Profit			10% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	

Prepared by:

Contractor's Representative

PROGRAM OF WORKS

BILL OF QUANTITIES

CY 2024 REPAIR BATCH 1 - NCR - MUNTINLUPA CITY - 001

School	: CUPANG ELEMENTARY SCHOOL ANNEX		Date:	June 3, 2024
School I.D	: 136913		Budget Allocation:	1,450,569.22
Region	: NCR		Engineering and Administrative Overhead:	0.00
Division	: SDO MUNTINLUPA CITY		Approved Budget for the Contract:	1,450,569.22
Project Title	:			
	Minimum Required Manpower:			
	REPAIR OF CLASSROOMS BUILDING 1(11CL) & BUILDING 2(1CL)		Engineering and Administratr	Foreman
			Helper	Mason
			Minimum Required Equipment:	
Location	: Sto. Niño St., Cupang, Muntinlupa City		Hand Tools	One-Bagger Mixer
				Bar Cutter

Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost	Adjusted Total Cost
					Total Cost	Unit Cost		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
A.	Facilities for the Engineer							
A.1	Temporary Facilities		Month	3.00				
B.	Other General Requirements							
B.1	Fire Safety Inspection Certificate (FSIC)		lot	1.00				
B.1.1	Hauling Cost		lot	1.00				
SPL 1	Project Billboard		Each	1.00				
SPL 2	Construction Safety and Health		Month	3.00				
C.	Mobilization and Demobilization							
C.1	Mobilization and Demobilization		Ls	1.00				
5.0000	Masonry Works							
	Plain Cement Plaster Finish @ Building 2		sq. m.	42.24				
	Plain Cement Plaster Finish @ Building 1		sq. m.	33.79				
	Floor Topping @ Building 1 (All classrooms)		sq. m.	276.80				
6.0000	Fabricated Materials and Hardware							
	Removal of Door with Jambs		set	1.00				
	Removal of Window with Jambs		sq m	28.88				
	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)		sq m	2.08				

PROGRAM OF WORKS

BILL OF QUANTITIES

CY 2024 REPAIR BATCH 1 - NCR - MUNTINLUPA CITY - 001

School	: CUPANG ELEMENTARY SCHOOL ANNEX	Date:	June 3, 2024
School I.D	: 136913	Budget Allocation:	1,450,569.22
Region	: NCR	Engineering and Administrative Overhead:	0.00
Division	: SDO MUNTINLUPA CITY	Approved Budget for the Contract:	1,450,569.22
Project Title	:	Completion Period:	
		Minimum Required Manpower:	
	REPAIR OF CLASSROOMS BUILDING 1(11CL) & BUILDING 2(1CL)	Engineering and Administrati	Foreman Carpenter
		Helper	Mason Painter
Location	: Sto. Nifo St., Cupang, Muntinlupa City	Minimum Required Equipment:	
		Hand Tools	One-Bagger Mixer Bar Cutter

Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost	Adjusted Total Cost
					Total Cost	Unit Cost		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	Sliding Aluminum Window		sq.m	3.30				
8.0000	Roofing Works							
	Removal of Flashing		pc	12.00				
	Fabricated Metal Roofing Accessory Flashing		m	30.48				
9.0000	Ceiling and Carpentry Works							
	Removal of Ceiling		sq. m.	29.70				
	4.5mm Fiber Cement Board/ 4.5mm Marine Plywood/ 6.0mm Marine Plywood/ 6.0 mm Ordinary Plywood on Metal Frame Ceiling		sq. m.	29.70				
10.0000	Electrical Works							
	Wires and Wiring Devices		ls	1.00				
	Lighting Fixtures/ Fixtures		ls	1.00				
13.0000	Painting Works							
	Concrete Painting		sq. m.	42.24				
	Wooden Painting		sq. m.	93.06				
14.0000	Tile Works							
14 (b)	Glazed Tiles and Trims @ Room 4 CR		sq. m.	8.64				
	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles @ Room 4 CR		sq. m.	1.58				

PROGRAM OF WORKS
BILL OF QUANTITIES

CY 2024 REPAIR BATCH 1 - NCR - MUNTINLUPA CITY - 001

School	: CUPANG ELEMENTARY SCHOOL ANNEX		Date:	June 3, 2024
School I.D	: 136913		Budget Allocation:	1,450,569.22
Region	: NCR		Engineering and Administrative Overhead:	0.00
Division	: SDO MUNTINLUPA CITY		Approved Budget for the Contract:	1,450,569.22
Project Title	:			
	REPAIR OF CLASSROOMS BUILDING 1(11CL) & BUILDING 2(11CL)			
Location	: Sto. Niño St., Cupang, Muntinlupa City			
			Minimum Required Manpower:	
			Engineering and Administrat	Foreman Carpenter
			Helper	Mason Painter
			Minimum Required Equipment:	
			Hand Tools	One-Bagger Mixer Bar Cutter

Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost	Adjusted Total Cost
					Total Cost	Unit Cost		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles @ Building 1 (Room 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11)		sq. m.	326.49		(6) / (5)	(9) / (5)	
		100.00%					Total Construction Cost	-

Prepared by:

Contractor's Representative

PROGRAM OF WORKS

DETAILED COST ESTIMATE

(TOTAL CONSTRUCTION COST/ ABC)

CY 2024 REPAIR BATCH 1 - NCR - MUNTINLUPA CITY - 001

PROJECT : REPAIR OF CLASSROOMS BUILDING 1(1CL) & BUILDING 2(1CL)
 SCHOOL : CUPANG ELEMENTARY SCHOOL ANNEX
 LOCATION : Sto. Nino St., Cupang, Muntinlupa City
 OWNER : DEPARTMENT OF EDUCATION

CONTRACT DURATION : 90 CD

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UP		VAT (5%)	TOTAL INDIRECT COST	ADJUSTED TOTAL COST	ADJUSTED UNIT COST
					OCM	PROFIT	%	VALUE				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
A.	Facilities for the Engineer											
A.1	Temporary Facilities	3.00	Month		0%	10%	10%					
B.	Other General Requirements											
B.1	Fire Safety Inspection Certificate (FSIC)	1.00	lot		0%	0%	0%					
B.1.1	Hauling Cost	1.00	lot		0%	0%	0%					
SPL 1	Project Billboard	1.00	Each		1.2%	10%	22%					
SPL 2	Construction Safety and Health	3.00	Month		0%	10%	10%					
C.	Mobilization and Demobilization											
C.1	Mobilization and Demobilization	1.00	Ls		0%	0%	0%					
5.0000	Masonry Works											
	Plain Cement Plaster Finish @ Building 2	42.24	sq. m.		1.2%	10%	22%					
	Plain Cement Plaster Finish @ Building 1	33.79	sq. m.		1.2%	10%	22%					
	Floor Topping @ Building 1 (All classrooms)	276.80	sq. m.		1.2%	10%	22%					
6.0000	Fabricated Materials and Hardware											
	Removal of Door with Jambs	1.00	set		1.2%	10%	22%					
	Removal of Window with Jambs	28.88	sq m		1.2%	10%	22%					
	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	2.08	sq m		1.2%	10%	22%					
	Sliding Aluminum Window	3.30	sq.m		1.2%	10%	22%					
8.0000	Roofing Works											
	Removal of Flashing	6.00	pc		1.2%	10%	22%					
	Fabricated Metal Roofing Accessory Flashing	30.48	pc		1.2%	10%	22%					
9.0000	Carpentry Works											

PROGRAM OF WORKS
DETAILED COST ESTIMATE

(TOTAL CONSTRUCTION COST/ ABC)

CY 2024 REPAIR BATCH 1 - NCR - MUNTINLUPA CITY - 001

PROJECT : REPAIR OF CLASSROOMS BUILDING 1(1CL) & BUILDING 2(1CL)

SCHOOL : CUPANG ELEMENTARY SCHOOL ANNEX

LOCATION : Sto. Nino St., Cupang, Muntinlupa City

OWNER : **DEPARTMENT OF EDUCATION**

CONTRACT DURATION : 90 CD

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UP		VAT (5%)	TOTAL INDIRECT COST	ADJUSTED TOTAL COST	ADJUSTED UNIT COST
					OCM	PROFIT	%	VALUE				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	Removal of Ceiling	29.70	sq. m.		12%	10%	22%		5% [(5) + (9)]	(9) + (10)	(5) + (11)	(12) / (3)
	Fabricated Metal Roofing Accessory (Ridge/ Hip Rolls/ Flashing/ Counter Flashing/ Valley Roll)	29.70	sq. m.		12%	10%	22%					
10.0000	Electrical Works											
	Wires and Wiring Devices	1.00	ls		12%	10%	22%					
	Lighting Fixtures/ Fixtures	1.00	ls		12%	10%	22%					
13.0000	Painting Works											
	Concrete Painting	42.24	sq. m.		12%	10%	22%					
	Wooden Painting	93.06	sq. m.		12%	10%	22%					
14.0000	Tile Works											
	Glazed Tiles and Trims @ Room 4 CR	8.64	sq. m.		12%	10%	22%					
	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles @ Room 4 CR	1.58	sq. m		12%	10%	22%					
	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles @ Building 1 (Room 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11)	326.49	sq. m		12%	10%	22%					
	TOTAL CONSTRUCTION COST											

Prepared by:

Contractor's Representative

- **Sucac ES Sitio Pagkakaisa Zone 3 Annex - Sitio Pagkakaisa, Sucac, Muntinlupa City**



DEPARTMENT OF EDUCATION
EDUCATION FACILITIES DIVISION
DepEd Complex, Meralco Avenue, Pasig City



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (6CL)

Location: Sitio Pagkakaisa, Sucac, Muntinlupa City

Item: A.1

Description: Temporary Facilities

Quantity: 3.00
Output : 1.00
Unit: Month

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Rental of Office/ Storage House (including light and water)	Month	3.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (Ocm)				0% of D.
F.	Contractor's Profit				10% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (6CL)

Location: Sitio Pagkakaisa, Sucat, Muntinlupa City

Item: A.1

Description: Provisional Sum (Transshipment)

Quantity: 1.00
Output : 1.00
Unit: lot

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1.00	80.00		-
	Unskilled Laborer	10.00	80.00		-
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (Ocm)				0% of D.
F.	Contractor's Profit				0% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (6CL)

Location: Sitio Pagkakaisa, Sucat, Muntinlupa City

Item: B.1

Description: Fire Safety Inspection Certificate (FSIC)

Quantity: 1.00
Output : 1.00
Unit: #REF!

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



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (6CL)

Location: Sitio Pagkakaisa, Sucat, Muntinlupa City

Item: SPL 1

Description: Project Billboard

Quantity: 1.00
Output: 1.00
Unit: Each

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	4.00		
	Skilled Laborer	1	4.00		
	Unskilled Laborer	1	4.00		
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	8' x 8' Tarpaulin, 2 sets	sq ft	64.00		
	Good Lumber (Frames)	bd.ft	48.00		
	Assorted CW Nails	kg	1.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (Ocm)				12% of D.
F.	Contractor's Profit				10% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (6CL)

Location: Sitio Pagkakaisa, Sucat, Muntinlupa City

Item: SPL 2

Description: Construction Safety and Health

Quantity: 3.00
Output : 1.00
Unit: Month

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Safety Officer	1	720.00		
	First Aider	1	720.00		
Sub-Total (Labor)				Php	-
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					
				Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	First Aid Kit	Ls	1		
	Personal Protective equipment (PPE)				
	Safety Helmet	man - days	10		
	Safety Shoes	man - days	10		
	Safety Gloves	man - days	25		
	Signages and Barricades				
	PPE Signage (4' x 8')	set	1		
	Safety First (4' x 4')	set	1		
	Warning Signs (2' x 3')	set	1		
	Caution Tape, 100 ft	roll	1		
Sub-Total (Materials)				Php	
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (Ocm)				0% of D.
F.	Contractor's Profit				10% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (6CL)

Location: Sitio Pagkakaisa, Sucat, Muntinlupa City

Item: C.1

Description: Mobilization and Demobilization

Quantity: 1.00
Output : 1.00
Unit: Ls

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



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (6CL)

Location: Sitio Pagkakaisa, Sucat, Muntinlupa City

Item: 6 (a)

Description: Removal of Door with Jamb

Quantity: 12.00
Output per hour: 1.33
Unit: set

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	9.00		
	Skilled Laborer	1	9.00		
	Unskilled Laborer	1	9.00		
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	
F.	Contractor's Profit			10% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (6CL)

Location: Sitio Pagkakaisa, Sucat, Muntinlupa City

Item: 6 (b)

Description: Removal of Window with Jamb

Quantity: 28.88
Output per hour: 3.88
Unit: sq m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	4.00		
	Skilled Laborer	1	4.00		
	Unskilled Laborer	2	4.00		
Sub-Total (Labor)				Php	-
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)				Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Removal of Window with Jamb	sq. m.	28.88		
Sub-Total (Materials)				Php	
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	
F.	Contractor's Profit			10% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (6CL)

Location: Sitio Pagkakaisa, Sucat, Muntinlupa City

Item: 6 (d)

Description: Wooden Panel Door

Quantity: 24.95
Output per hour: 0.32
Unit: sq m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	77.97		
	Skilled Laborer	1	77.97		
	Unskilled Laborer	2	77.97		
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	set	12.00		
	PVC Door	set	6.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				12% of D.
F.	Contractor's Profit				10% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (6CL)

Location: Sitio Pagkakaisa, Sucat, Muntinlupa City

Item: 6 (e)

Description: Sliding Aluminum Window

Quantity: 28.80
Output per hour: 0.27
Unit: sq m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	106.67		
	Skilled Laborer	1	106.67		
	Unskilled Laborer	1	106.67		
Sub-Total (Labor)				Php	-
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)				Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Sliding Aluminum Window	sq m	28.80		
	Concreting	lot	1.00		
Sub-Total (Materials)				Php	
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	
F.	Contractor's Profit			10% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (6CL)

Location: Sitio Pagkakaisa, Sucat, Muntinlupa City

Item: 6 (e)

Description: Steel Encased Clear Glass Window with Grilles

Quantity: 32.73
Output per hour: 0.52
Unit: sq m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	62.94		
	Skilled Laborer	1	62.94		
	Unskilled Laborer	1	62.94		
Sub-Total (Labor)				Php	-
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)				Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Steel Encased Clear Glass Window with Grilles	sq m	32.73		
Sub-Total (Materials)				Php	
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	
F.	Contractor's Profit			10% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (6CL)

Location: Sitio Pagkakaisa, Sucat, Muntinlupa City

Item: 6 (e)

Description: Security Grilles

Quantity: 757.39
Output per hour: 5.00
Unit: sq. ft.

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	151.48		
	Skilled Laborer	1	151.48		
	Unskilled Laborer	1	151.48		
Sub-Total (Labor)				Php	-
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)				Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Security Grilles	sq m	757.39		
Sub-Total (Materials)				Php	
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	
F.	Contractor's Profit			10% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	-



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (6CL)

Location: Sitio Pagkakaisa, Sucat, Muntinlupa City

Item: 8 (a)

Description: Removal of Metal Roofing

Quantity: 72.00
Output per hour: 1.380
Unit: sq. m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	52.17		
	Skilled Laborer	1	52.17		
	Unskilled Laborer	3	52.17		
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Electric Hand Drill	2	4.00		
	H - Frame 1.7m x 1.2m	96	8.00		
Sub-Total (Equipment)					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	
F.	Contractor's Profit			10% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (6CL)

Location: Sitio Pagkakaisa, Sucat, Muntinlupa City

Item: 8 (b)

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

Quantity: 453.60
Output per hour: 2.076
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	218.50		
	Skilled Laborer	1	218.50		
	Unskilled Laborer	2	218.50		
Sub-Total (Labor)				Php	-
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					
Php -					
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	m	390.60		
	Teckscrew 2-3/4"	pc	2,844.00		
	Roof Sealant	L	4.00		
Sub-Total (Materials)				Php	
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	
F.	Contractor's Profit			10% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (6CL)

Location: Sitio Pagkakaisa, Sucat, Muntinlupa City

Item: 8 (c)

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

Quantity: 32.00
Output per hour: 2.769
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	11.56		
	Skilled Laborer	1	11.56		
	Unskilled Laborer	2	11.56		
Sub-Total (Labor)				Php	-
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)				Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	lm	33.50		
	Teckscrew 2-3/4"	pc	335.00		
	Roof Sealant	L	1.00		
Sub-Total (Materials)				Php	
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	
F.	Contractor's Profit			10% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (6CL)

Location: Sitio Pagkakaisa, Sucat, Muntinlupa City

Item: 8 (d)

Description: Fabricated Metal Roofing Accessory (Gutter)

Quantity: 201.17
Output per hour: 11.80
Unit: m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	17.05		
	Skilled Laborer	1	17.05		
	Unskilled Laborer	1	17.05		
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	G.I. Gutter, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	72.00		
	12" x 1" Plain GI Strap	pc	216.00		
	Blind Rivets	pc	720.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				12% of D.
F.	Contractor's Profit				10% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (6CL)

Location: Sitio Pagkakaisa, Sucat, Muntinlupa City

Item: 8 (e)

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

Quantity: 36.00
Output per hour: 10.00
Unit: m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	3.60		
	Skilled Laborer	1	3.60		
	Unskilled Laborer	1	3.60		
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	pc	16.00		
	Blind Rivets	pc	160.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				12% of D.
F.	Contractor's Profit				10% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (6CL)

Location: Sitio Pagkakaisa, Sucat, Muntinlupa City

Item: 10 (b)

Description: Wires and Wiring Devices

Quantity: 1.00
Output per hour: 1.00
Unit: Ls

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	16.00		
	Skilled Laborer	2	16.00		
	Unskilled Laborer	4	16.00		
Sub-Total (Labor)				Php	-
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					
				Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	14.0 mm ² THHN Wire, Stranded	m	36.00		
	3.5 mm ² THHN Wire, Stranded	m	16.00		
	5.5 mm ² THHN Wire, Stranded	m	206.00		
	5.5 mm ² TW(G) Wire, Stranded	m	18.00		
	3.5 mm ² TW(G) Wire, Stranded	m	50.00		
	Electrical Tape	pc	5.00		
Sub-Total (Materials)				Php	
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	
F.	Contractor's Profit			10% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (6CL)

Location: Sitio Pagkakaisa, Sucat, Muntinlupa City

Item: 10 (c)

Description: Lighting Fixtures/ Fixtures

Quantity: 1.00
Output per hour: 1.00
Unit: Ls

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	16.00		
	Skilled Laborer	1	16.00		
	Unskilled Laborer	2	16.00		
Sub-Total (Labor)				Php	-
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)				Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Duplex Convenience Outlet, Grounding Type, 20A, 250V	set	12.00		
	2 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	set	6.00		
	FL 2 x 40W Industrial Type	set	20.00		
	FL 1 x 40W Industrial Type	set	16.00		
Sub-Total (Materials)				Php	-
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				12% of D.
F.	Contractor's Profit				10% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (6CL)

Location: Sitio Pagkakaisa, Sucat, Muntinlupa City

Item: 9 (d)

Description: Removal of Ceiling

Quantity: 423.23
Output per hour: 17.34
Unit: sq m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	40.00		
	Skilled Laborer	1	40.00		
	Unskilled Laborer	3	40.00		
Sub-Total (Labor)				Php	-
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	H - Frame 1.7m x 1.2m	48	40.00		
Sub-Total (Equipment)				Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
Sub-Total (Materials)				Php	
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	
F.	Contractor's Profit			10% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (6CL)

Location: Sitio Pagkakaisa, Sucat, Muntinlupa City

Item: 9 (e)

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

Quantity: 423.23
Output per hour: 1.489
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	284.24		
	Skilled Laborer	1	284.24		
	Unskilled Laborer	2	284.24		
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Rough Lumber, Sun Dried, Tanguile	bd.ft	423.23		
	Plywood, Ordinary 1/4" x 4' x 8'	pc	1,407.49		
	Finishing Nails	kg	8.00		
	CWN, Assorted	kg	26.00		
	Concrete Nails	kg	3.00		
	Wood Preservative, Brown	L	5.00		
Sub-Total (Materials)					Php -
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				12% of D.
F.	Contractor's Profit				10% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (6CL)

Location: Sitio Pagkakaisa, Sucat, Muntinlupa City

Item: 13 (a)

Description: Masonry Painting

Quantity: 1974.64
Output per hour: 27.00
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount	
	Construction Foreman	1	73.13			
	Skilled Laborer	2	73.13			
	Unskilled Laborer	1	73.13			
Sub-Total (Labor)					Php -	
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount	
Sub-Total (Equipment)						Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount	
	Latex, Semi Gloss	gal	99.00			
	Acri Color	qrt	25.00			
Sub-Total (Materials)					Php	
D.	Direct Cost (A+B+C)			Php		
E.	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.		
F.	Contractor's Profit			10% of D.		
G.	Value Added Tax (VAT)			5% of (D+E+F)		
H.	Adjusted Total Cost (D+E+F+G)			Php		
I.	Adjusted Unit Cost (H/Quantity)			Php		



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (6CL)

Location: Sitio Pagkakaisa, Sucat, Muntinlupa City

Item: 13 (b)

Description: Wooden Painting

Quantity: 478.67
Output per hour: 27.00
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	17.73		
	Skilled Laborer	2	17.73		
	Unskilled Laborer	1	17.73		
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	H - Frame 1.7m x 1.2m	16	40.00		
Sub-Total (Equipment)					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Enamel, Flatwall	gal	24.00		
	Enamel, Semi Gloss	gal	24.00		
	Paint Thinner	gal	12.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)			Php	
E.	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	
F.	Contractor's Profit			10% of D.	
G.	Value Added Tax (VAT)			5% of (D+E+F)	
H.	Adjusted Total Cost (D+E+F+G)			Php	
I.	Adjusted Unit Cost (H/Quantity)			Php	

Prepared by:

Contractor's Representative



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (6CL)

Location: Sitio Pagkakaisa, Sucat, Muntinlupa City

Item: 14 (b)

Description: Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles

Quantity: 658.35
Output per hour: 3.00
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	219.45		
	Skilled Laborer	5	219.45		
	Unskilled Laborer	5	219.45		
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Unglazed Floor Tiles 60cm x 60cm	sq. m.	658.35		
	Portland Cement	pc	1,884.00		
	Washed Sand	bag	53.00		
	Tile Adhesive 25 kg/bag	cu.m	6.00		
	Tile Grout 5 kg/bag	bag	119.00		
		bag	50.00		
Sub-Total (Materials)					Php
D.	Direct Cost (A+B+C)				Php
E.	Overhead,Contingencies and Miscellaneous (OCM)				12% of D.
F.	Contractor's Profit				10% of D.
G.	Value Added Tax (VAT)				5% of (D+E+F)
H.	Adjusted Total Cost (D+E+F+G)				Php
I.	Adjusted Unit Cost (H/Quantity)				Php

Prepared by:

Contractor's Representative

PROGRAM OF WORKS
BILL OF QUANTITIES

CY 2024 - REPAIR BATCH 1 - NCR - MUNTINLUPA CITY - 002

School	: SUCAT ELEMENTARY SCHOOL ANNEX SONE 3					Date:	June 3, 2024		
School I.D	: 136915					Budget Allocation:	4,014,257.48		
Region	: NCR					Engineering and Administrative Overhead:	0.00		
Division	: SDO MUNTINLUPA CITY					Approved Budget for the Contract:	4,014,257.48		
Project Title	:					Completion Period:			
Minimum Required Manpower:									
					Engineer	Foreman	Carpenter		
					Helper	Mason	Painter		
Minimum Required Equipment:									
					Hand Tools	One-Bagger Mixer	Bar Cutter		
Item No.	Description	% of Total	Unit	Quantity	Total Cost	Direct Cost	Adjusted Unit Cost	Adjusted Total Cost	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
A.	Facilities for the Engineer								
A.1	Temporary Facilities		Month	3.00					
B.	Other General Requirement								
B.1	Fire and Safety Insurance Certificate (FSIC)		lot	1.00					
SPL 1	Project Billboard		Each	1.00					
SPL 2	Construction Safety and Health		Month	3.00					
C.	Mobilization and Demobilization								
C.1	Mobilization and Demobilization		Ls	1.00					
6.0000	Fabricated Materials and Hardware								
	Removal of Door with Jamb		set	12.00					
	Removal of Window with Jamb		sq m	28.88					
	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)		sq m	24.95					
	Steel Encased Clear Glass Window with Grilles		sq. m.	32.73					

PROGRAM OF WORKS
BILL OF QUANTITIES

CY 2024 - REPAIR BATCH 1 - NCR - MUNTINLUPA CITY - 002

School	: SUCAT ELEMENTARY SCHOOL ANNEX SONE 3											Date:	June 3, 2024
School I.D	: 136915											Budget Allocation:	4,014,257.48
Region	: NCR											Engineering and Administrative Overhead:	0.00
Division	: SDO MUNTINLUPA CITY											Approved Budget for the Contract:	4,014,257.48
Project Title	:											Completion Period:	
	Minimum Required Manpower:												
	Engineer											Foreman	Carpenter
	Helper											Mason	Painter
Location	: Sitio Pagkakaisa, Sucat, Muntinlupa City											Minimum Required Equipment:	
	Hand Tools											One-Bagger Mixer	Bar Cutter
Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost	Adjusted Total Cost					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)					
	Sliding Aluminum Window		sq.m	28.80									
	Security Grilles		sq. ft.	757.39									
8.0000	Roofing Works												
	Removal of Metal Roofing		sq. m.	453.60									
	Pre - painted Metal Sheets (Corrugated, Short Span/ Long Span, below 0.427 BMT/ above 0.427 BMT		sq. m.	453.60									
	Pre - painted Metal Sheets (Rib - type, Short Span/ Long Span, below 0.427 BMT/ above 0.427 BMT (Stage and Guard House)		sq. m.	32.00									
	Fabricated Metal Roofing Accessory (Gutter)		m	201.17									
	Fabricated Metal Roofing Accessory (Ridge/ Hip Rolls/ Flashing/ Counter Flashing/ Valley Roll)		m	36.00									
9.0000	Carpentry Works												
	Removal of Ceiling		sq. m.	423.23									
	Fabricated Metal Roofing Accessory (Ridge/ Hip Rolls/ Flashing/ Counter Flashing/ Valley Roll)		sq. m.	423.23									

PROGRAM OF WORKS

BILL OF QUANTITIES

CY 2024 - REPAIR BATCH 1 - NCR - MUNTINLUPA CITY - 002

School	: SUCAT ELEMENTARY SCHOOL ANNEX SONE 3			Date:	June 3, 2024		
School I.D	: 136915			Budget Allocation:	4,014,257.48		
Region	: NCR			Engineering and Administrative Overhead:	0.00		
Division	: SDO MUNTINLUPA CITY			Approved Budget for the Contract:	4,014,257.48		
Project Title	:						
Minimum Required Manpower:							
	Engineer	Foreman	Carpenter				
	Helper	Mason	Painter				
Minimum Required Equipment:							
	Hand Tools	One-Bagger Mixer	Bar Cutter				
Item No.	Description	% of Total	Unit	Quantity	Direct Cost	Adjusted Unit Cost	Adjusted Total Cost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
					(6) / (5)	(9) / (5)	(9)
10.0000	Electrical Works						
	Wires and Wiring Devices		ls	1.00			
	Lighting Fixtures/ Fixtures		ls	1.00			
13.0000	Painting works						
	Concrete Painting		sq. m.	1,974.64			
	Wooden Painting		sq. m.	478.67			
14.0000	Tile Works						
14 (b)	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles		sq. m.	658.35			
		100.00%				total Construction Cost	-

Prepared by:

Contractor's Representative

PROGRAM OF WORKS

DETAILED COST ESTIMATE

(TOTAL CONSTRUCTION COST / ABC)

CY 2024 - REPAIR Batch 1- NCR - MUNTINLUPA CITY - 002

PROJECT : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (6CL)

SCHOOL : SUCAT ELEMENTARY SCHOOL ANNEX SONE 3

LOCATION : Sitio Pagkakaissa, Sucat, Muntinlupa City

OWNER : DEPARTMENT OF EDUCATION

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UP		VAT (5%)	TOTAL INDIRECT COST	ADJUSTED TOTAL COST	ADJUSTED UNIT COST
					OCM	PROFIT	%	VALUE				
					(6)	(7)	(8)	(9)				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
							(6) + (7)	(5) x (8)	5% [(5) + (9)]	(9) + (10)	(5) + (11)	(12) / (3)
A.	Facilities for the Engineer											
A.1	Temporary Facilities	3.00	Month		0%	10%	10%					
B.	Other General Requirement											
B.1	Fire and Safety Insurance Certificate (FSIC)	1.00	lot		0%	0%	0%					
SPL 1	Project Billboard	1.00	Each		12%	10%	22%					
SPL 2	Construction Safety and Health	3.00	Month		0%	10%	10%					
C.	Mobilization and Demobilization											
C.1	Mobilization and Demobilization	1.00	Ls		0%	0%	0%					
	Fabricated Materials and Hardware											
	Removal of Door with Jambs	12.00	set		12%	10%	22%					
	Removal of Window with Jambs	28.88	sq m		12%	10%	22%					
	D-1, Panel Door 0.90m x 2.10m on 150mm Wooden Jamb complete with Accessories (lever type door knob)	24.95	sq m		12%	10%	22%					
	Steel Encased Clear Glass Window with Grilles	32.73	sq m		12%	10%	22%					
	Sliding Aluminum Window	28.80	sq.m		12%	10%	22%					
	Security Grilles	757.39	sq. ft.		12%	10%	22%					
	Roofing Works											
	Removal of Metal Roofing	453.60	sq. m.		12%	10%	22%					
	Fabricated Metal Roofing Accessory (Gutter)	201.17	m		12%	10%	22%					
	Pre - painted Metal Sheets (Corrugated, Short Span/ Long Span, below 0.427 BMT/ above 0.427 BMT	453.6	sq. m.		12%	10%	22%					
	Pre - painted Metal Sheets (Rib - type, Short Span/ Long Span, below 0.427 BMT/ above 0.427 BMT (Stagc and Guard House)	32.00	sq. m.		12%	10%	22%					
	Fabricated Metal Roofing Accessory (Ridge/ Hip Rolls/ Flashing/ Counter Flashing/ Valley Roll)	36.00	m		12%	10%	22%					
	Carpentry Works											
	Removal of Ceiling	423.23	sq. m.		12%	10%	22%					

CONTRACT DURATION : 120 CD

PROGRAM OF WORKS
DETAILED COST ESTIMATE

(TOTAL CONSTRUCTION COST / ABC)

CY 2024 - REPAIR Batch 1- NCR - MUNTINLUPA CITY - 002

PROJECT : REPAIR AND REHABILITATION OF VARIOUS CLASSROOMS (6CL)
 SCHOOL : SUCAT ELEMENTARY SCHOOL ANNEX SONE 3
 LOCATION : Sitio Pagkakaisa, Sucat, Muntinlupa City
 OWNER : **DEPARTMENT OF EDUCATION**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UP		VAT (5%)	TOTAL INDIRECT COST	ADJUSTED TOTAL COST	ADJUSTED UNIT COST
					OCM	PROFIT	%	VALUE				
					(6)	(7)	(8) + (7)	(9)				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	4.5mm Fiber Cement Board/ 4.5mm Marine Plywood/ 6.0mm Marine Plywood/ 6.0 mm Ordinary Plywood on Metal Frame Ceiling	423.23	sq. m.		12%	10%	22%		5% [(5) + (9)]	(9) + (10)	(5) + (11)	(12) / (3)
	Electrical Works											
	Wires and Wiring Devices	1.00	ls		12%	10%	22%					
	Lighting Fixtures/ Fixtures	1.00	ls		12%	10%	22%					
	Painting Works											
	Concrete Painting	1,974.64	sq. m.		12%	10%	22%					
	Wooden Painting	478.67	sq. m.		12%	10%	22%					
	Tile Works											
	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles	658.35	sq. m.		12%	10%	22%					
	TOTAL CONSTRUCTION COST											

CONTRACT DURATION : 120 CD

Prepared by:

Contractor's Representative

STATEMENT OF COMPLIANCE

I / We read and understood the requirements/scope of work of reference and conditions stipulated herein and shall therefore comply to the conditions stipulated herein and shall therefore comply to the conditions set forth in the Contract with respect to this Section VIII-Bill of Quantities, if our bid is considered for award.

Name and Signature of Bidder's Authorized Representative

Date signed _____

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) **in accordance with Section 8.5.2 of the IRR; 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 municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zone or Areas; **and**
- (d) Tax Clearance per E.O. No. 298, 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; **and**
- (g) 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:
 - 18.2. Organizational chart for the contract to be bid;
 - 18.3. 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;
 - 18.4. 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 computation of Net Financial Contracting Capacity (NFCC).

Class "B" Documents

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

II. FINANCIAL COMPONENT ENVELOPE

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

Other documentary requirements under RA No. 9184

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

