



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

---

**Invitation to Bid for *Repair and Rehabilitation of SDO Buildings and Provision of Fire Escape (2 Buildings)***

1. The **Schools Division Office-Muntinlupa City**, through the **Joint Memorandum PEO-2023-N023** with the subject **“Authority to Procure Infrastructure Projects Under CY 2024 General Management and Supervision Capital Outlay to Cover Construction, Repair, Renovation, and Rehabilitation of Regional Offices (RO) and Division Offices (DO)”** intends to apply the sum of **One Million Five Hundred Thousand Pesos (₱1,500,000.00)** being the Approved Budget for the Contract (ABC) to payments under the contract for **Repair and Rehabilitation of SDO Buildings and Provision of Fire Escape (2 Buildings) and Project No. 2024-001**. Bids received in excess of the ABC for each lot shall be automatically rejected at bid opening.
2. The **Schools Division Office-Muntinlupa City** now invites bids for the above Procurement Project. Completion of the Works is required **75 Calendar Days**. Bidders should have completed a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
3. Bidding will be conducted through open competitive bidding procedures using non-discretionary **“pass/fail”** criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
4. Interested bidders may obtain further information from the **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 **February 16, 2024**, from the **BAC Secretariat at the Student Center for Life Skills Building (SCLS), 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 **Five Thousand Pesos (₱5,000.00)**. 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	February 16-23, 2024	PhilGEPS Procuring Entity's Website
Issuance of Bidding Documents	February 16, 2024-March 10, 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	February 26, 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	March 11, 2024, Monday, 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<sup>1</sup> on **February 26, 2024, Monday, 1:30 pm**. via Microsoft Teams, 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 **March 11, 2024, Monday, 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 **March 11, 2024, Monday, 1:30 pm** at **Schools Division Office-Muntinlupa City (SCLS Bldg. 4<sup>th</sup> 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.

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



10. The procuring entity is requiring the contractors/bidders for the procurement of **Repair and Rehabilitation of SDO Buildings and Provision of Fire Escape (2 Buildings)** to be a licensed contractor of the Philippine Contractors Accreditation Board (PCAB)-Category C.

An Additional requirement before the sale of bidding document is to secure the Site Inspection Certificate signed by the BAC Chair.

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. Phoebe R. Arroyo  
BAC Secretariat-Chair  
SDO Muntinlupa City  
Centennial Avenue, Laguerta, Tunasan, Muntinlupa City  
(02) 8829-2308 loc. 120  
[sdomuntinlupabacsec@gmail.com](mailto:sdomuntinlupabacsec@gmail.com)

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

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

  
**VIOLETA M. GONZALES CESO VI**  
BAC Chair

February 15, 2024



**PURCHASE REQUEST**  
 Department of Education  
 National Capital Region  
 DepEd - Muntinlupa City

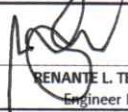
Entity Name: **SDO - CITY OF MUNTINLUPA**

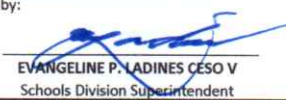
Fund Cluster: **01-101101-Regular Agency Fund**

PR No.: PR-PB-2024-01-0005		Date: 1/29/2024			
Responsibility Center Code: 70010813008					
Stock/ Property No.	Unit	Item Description	Quantity	Unit Cost	Total Cost
	lot	Repair and Rehabilitation of SDO Buildings and Provision of Fire Escape (2 Building)	1	₱ 1,500,000.00	₱ 1,500,000.00
<b>MINIMUM REQUIRED MANPOWER:</b>					
General Foreman, Welder, Carpenter, Helper, Mason, Painter					
<b>MINIMUM REQUIRED EQUIPMENT:</b>					
Hand Tools					
Welding Machine					
One-Bagger Mixer					
Cutting Outfit					
<b>GENERAL REQUIREMENTS:</b>					
Facilities for the Engineer					
-Temporary Facilities					
Other General Requirements					
-Fire Safety Inspection Certificate (FSIC)					
-Project Billboard					
-Construction Safety and Health					
Mobilization and Demobilization					
-Mobilization and Demobilization					
<b>Building 1</b>					
Roofing Works					
-Removal of Metal Roofing					
-Removal of Metal Roofing (Gutter)					
-Pre-painted Metal Sheets (Rib - type, Short Span/ Long Span, below 0.427 BMT/ above 0.427 BMT					
-Fabricated Metal Roofing Accessory (Gutter)					
<b>Building 2</b>					
Masonry Works					
-Masonry (150 mm CHB)					
-Plain Cement Plaster Finish					
Fabricated Materials and Hardware					
-Tempered Glass with Tubular and Strat on Base w/ Cover Powder Coated Frame including accessories					
Steel Works					
-Removal of Steel Purlins					
-Metal Structure Accessories (Stair)					
Electrical Works					
-Conduit, Boxes and Fitting					
-Lighting Fixture/ Fixture					
Painting Works					
-Metal Painting (Stair)					
<b>Fire Escape for Building 2</b>					
Earthworks					
-Structural Excavation					
-Backfilling of Excavated Materials					
-Gravel Bedding G-1					
Concreting Works (3000 psi)					
-Structural Concrete (Footing and Slab on Fill)					
-Structural Concrete (Footing Tie Beam, Column, Suspended Slab, Girder/ Beam)					
Rebar Works					
-Reinforcing Steel Bar, Grade 40					
Formworks					
-Installation and Removal of Formworks					
Masonry Works					
-Demolition of Masonry Wall					
-Masonry (150 mm CHB)					
Finishing Works					
-Plain Cement Plaster Finish					
Fabricated Materials and Hardware					
-Frames (Jambs, Sill, Heal, Transoms, and Mullions)					
-Steel Door					
Steel Works					
-Metal Structure Accessories (Fire Escape)					
Painting Works					
-Metal Painting					
*Attached is the Program of Works					
*Completion Period: 75 Calendar Days					
<b>TOTAL</b>					<b>₱ 1,500,000.00</b>

Purpose: Repair and Rehabilitation of SDO Buildings and Provision of Fire Escape (2 Building)  
 Source of Fund: Based on the Joint Memorandum PEO-2023-N023 on Authority to Procure Infrastructure Projects under CY 2024 Gen. Management and Supervision Capital Outlay to Cover Construction, Repair, Renovation, and Rehabilitation of Regional Offices (RO) and Division Offices (DO).

*For Public Bidding*

Requested by:  **RENANTE L. TEJADA**  
 Designation: Engineer III

Approved by:  **EVANGELINE P. LADINES CESOV**  
 Designation: Schools Division Superintendent

2024-813 0201040

2/5/24 10:00

**DETAILED UNIT PRICE ANALYSIS**

**Project :** REPAIR AND REHABILITATION OF SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)

**Location:** Congressional Ave., Tunasan, Muntinlupa City

**Item:** A.1

**Description:** Temporary Facilities

Quantity: 2,5  
Output : 1.00  
Unit: Month

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
<b>Sub-Total (Labor)</b>					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Rental of Office/ Storage House (including light and water)	Month	2,5		
<b>Sub-Total ( Materials)</b>					Php
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				<b>Php</b>
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)
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>				<b>Php</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>				<b>Php</b>

**DETAILED UNIT PRICE ANALYSIS**

**Project :** REPAIR AND REHABILITATION OF SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)

**Location:** Congressional Ave., Tunasan, 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
<b>Sub-Total (Labor)</b>					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
<b>Sub-Total ( Materials)</b>					Php -
<b>D.</b>	<b>Direct Cost (A+B+C)</b>			<b>Php</b>	<b>-</b>
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)	-
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>			<b>Php</b>	<b>-</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>			<b>Php</b>	<b>-</b>



DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)

Location: Congressional Ave., Tunasan, 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 SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)

**Location:** Congressional Ave., Tunasan, Muntinlupa City

**Item:** SPL 2

**Description:** Construction Safety and Health

Quantity: 2.50

Output : 1.00

Unit: Month

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Safety Officer	1	460.00		-
	First Aider	1	460.00		-
<b>Sub-Total (Labor)</b>					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					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		
<b>Sub-Total ( Materials)</b>					Php -



D.	<b>Direct Cost (A+B+C)</b>	<b>Php</b>
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.	<b>Adjusted Total Cost (D+E+F+G)</b>	<b>Php</b>
I.	Adjusted Unit Cost ( H/Quantity)	Php

**DETAILED UNIT PRICE ANALYSIS**

**Project :** REPAIR AND REHABILITATION OF SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)

**Location:** Congressional Ave., Tunasan, 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
<b>Sub-Total (Labor)</b>					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Self Loading Truck and Accessories	1	24		0.00
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
<b>Sub-Total ( Materials)</b>					Php
<b>D.</b>	<b>Direct Cost (A+B+C)</b>			<b>Php</b>	
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)	
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>			<b>Php</b>	
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>			<b>Php</b>	

DETAILED UNIT PRICE ANALYSIS

**Project :** REPAIR AND REHABILITATION OF SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)

**Location:** Congressional Ave., Tunasan, Muntinlupa City

**Item:** 1 (b)

**Description:** Structural Excavation

Quantity: 6.34  
Output per hour: 20.00  
Unit: cu m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	0.32		-
	Unskilled Laborer	2	0.32		-
<b>Sub-Total (Labor)</b>					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Backhoe (0.80 cu.m.)	1	0.32		-
	Dump Truck (12 cu.yd.)	1	0.32		-
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
<b>Sub-Total ( Materials)</b>					Php
<b>D.</b>	<b>Direct Cost (A+B+C)</b>			<b>Php</b>	
<b>E.</b>	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	
<b>F.</b>	Contractor's Profit			10% of D.	
<b>G.</b>	Value Added Tax (VAT)			5% of (D+E+F)	
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>			<b>Php</b>	
<b>I.</b>	Adjusted Unit Cost ( H/Quantity)			Php	

DETAILED UNIT PRICE ANALYSIS

**Project :** REPAIR AND REHABILITATION OF SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)

**Location:** Congressional Ave., Tunasan, Muntinlupa City

**Item:** 1 (c)

**Description:** Backfilling of Excavated Materials

Quantity: 6.34  
Output per hour: 9.84  
Unit: cu m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	0.64		-
	Unskilled Laborer	3	0.64		-
<b>Sub-Total (Labor)</b>					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Plate Compactor (5hp)	1	0.48		-
	Backhoe (0.80 cu.m.)	1	0.48		-
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
<b>Sub-Total ( Materials)</b>					Php
<b>D.</b>	<b>Direct Cost (A+B+C)</b>			<b>Php</b>	
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)	
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>			<b>Php</b>	
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>			<b>Php</b>	



DETAILED UNIT PRICE ANALYSIS

**Project :** REPAIR AND REHABILITATION OF SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)

**Location:** Congressional Ave., Tunasan, Muntinlupa City

**Item:** 1 (d)

**Description:** Gravel Bedding

Quantity: 0.16  
Output per hour: 1.20  
Unit: cu m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	0.13		-
	Unskilled Laborer	3	0.13		-
<b>Sub-Total (Labor)</b>					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Plate Compactor (5hp)	1	0.07		-
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Gravel Bedding G-1 (with 5% Shrinkage Factor)	cu.m	0.17		-
<b>Sub-Total ( Materials)</b>					Php -
<b>D.</b>	<b>Direct Cost (A+B+C)</b>			<b>Php</b>	
<b>E.</b>	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	
<b>F.</b>	Contractor's Profit			10% of D.	
<b>G.</b>	Value Added Tax (VAT)			5% of (D+E+F)	
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>			<b>Php</b>	
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>			<b>Php</b>	

**DETAILED UNIT PRICE ANALYSIS**

**Project :** REPAIR AND REHABILITATION OF SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)

**Location:** Congressional Ave., Tunasan, Muntinlupa City

**Item:** 2 (b)

**Description:** Structural Concrete (Footing and Slab on Fill)

Quantity: 1.26  
Output per hour: 0.357  
Unit: cu m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	3.53		-
	Skilled Laborer	1	3.53		-
	Unskilled Laborer	4	3.53		-
<b>Sub-Total (Labor)</b>					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	One - bagger Mixer	1	3.53		-
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Portland Cement	bag	12.00		-
	Washed Sand	cu.m.	1.50		-
	Crushed Gravel 3/4"	cu.m.	0.75		-
<b>Sub-Total ( Materials)</b>					Php -
<b>D.</b>	<b>Direct Cost (A+B+C)</b>			<b>Php</b>	
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)	
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>			<b>Php</b>	
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>			<b>Php</b>	

DETAILED UNIT PRICE ANALYSIS

**Project :** REPAIR AND REHABILITATION OF SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)

**Location:** Congressional Ave., Tunasan, Muntinlupa City

**Item:** 2 (c)

**Description:** Structural Concrete (Footing Tie Beam, Column, Suspended Slab, Girder/ Beam)

Quantity: 0.11  
Output per hour: 0.270  
Unit: cu m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	0.41		-
	Skilled Laborer	2	0.41		-
	Unskilled Laborer	6	0.41		-
<b>Sub-Total (Labor)</b>					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	One - bagger Mixer	1	0.41		-
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Portland Cement	bag	1.00		
	Washed Sand	cu.m.	0.25		
	Crushed Gravel 3/4"	cu.m.	0.25		
<b>Sub-Total ( Materials)</b>					Php
<b>D.</b>	<b>Direct Cost (A+B+C)</b>			<b>Php</b>	
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)	
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>			<b>Php</b>	
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>			<b>Php</b>	

**DETAILED UNIT PRICE ANALYSIS**

**Project :** REPAIR AND REHABILITATION OF SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)

**Location:** Congressional Ave., Tunasan, Muntinlupa City

**Item:** 3 (a)

**Description:** Reinforcing Steel Bar, Grade 40

Quantity: 55.34  
Output per hour: 143.438  
Unit: kg

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	0.39		-
	Skilled Laborer	3	0.39		-
	Unskilled Laborer	12	0.39		-
<b>Sub-Total (Labor)</b>					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Bar Cutter	1	0.19		-
	Bar Bender	1	0.19		-
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	#16 G.I. Tie Wire	kg	2.00		
	Reinforcing Steel Bar, Grade 40	kg	55.34		
<b>Sub-Total ( Materials)</b>					Php
<b>D.</b>	<b>Direct Cost (A+B+C)</b>			<b>Php</b>	
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)	
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>			<b>Php</b>	
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>			<b>Php</b>	



DETAILED UNIT PRICE ANALYSIS

**Project :** REPAIR AND REHABILITATION OF SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)

**Location:** Congressional Ave., Tunasan, Muntinlupa City

**Item:** 4 (a)

**Description:** Installation and Removal of Formworks

Quantity: 1.92  
Output per hour: 3.24  
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Installation				
	Construction Foreman	1	0.59		-
	Skilled Laborer	2	0.59		-
	Unskilled Laborer	4	0.59		-
	Stripping				
	Construction Foreman	1	0.24		-
	Unskilled Laborer	6	0.24		-
<b>Sub-Total (Labor)</b>					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Good Lumber - 3 uses	bdf	9.90		
	Ordinary Plywood - 3 uses	pc.	1.00		
	Assorted CWN	kg.	1.00		
<b>Sub-Total ( Materials)</b>					Php
<b>D.</b>	<b>Direct Cost (A+B+C)</b>			<b>Php</b>	
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)	
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>			<b>Php</b>	
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>			<b>Php</b>	

**DETAILED UNIT PRICE ANALYSIS**

**Project :** REPAIR AND REHABILITATION OF SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)

**Location:** Congressional Ave., Tunasan, Muntinlupa City

**Item:** 5 (a)

**Description:** Demolition of Masonry Wall

Quantity: 7.92  
Output per hour: 5.938  
Unit: sq m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	1.33		
	Skilled Laborer	1	1.33		
	Unskilled Laborer	4	1.33		
<b>Sub-Total (Labor)</b>					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Jack Hammer Drill	1	1.33		-
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
<b>Sub-Total ( Materials)</b>					Php
<b>D.</b>	<b>Direct Cost (A+B+C)</b>			<b>Php</b>	
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)	
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>			<b>Php</b>	
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>			<b>Php</b>	

**DETAILED UNIT PRICE ANALYSIS**

**Project :** REPAIR AND REHABILITATION OF SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)

**Location:** Congressional Ave., Tunasan, Muntinlupa City

**Item:** 5 (c)

**Description:** Masonry (150 mm CHB)

**Quantity:** 1.90  
**Output per hour:** 3.180  
**Unit:** sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	0.60		-
	Skilled Laborer	2	0.60		-
	Unskilled Laborer	3	0.60		-
<b>Sub-Total (Labor)</b>					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	CHB 6" thk	pcs	24.74		
	Portland Cement	bags	1.00		
	Washed Sand	cu.m	0.08		
	10mm x 6m RSB	kgs	6.17		
	G.I. Tie Wire	kgs	0.10		
<b>Sub-Total ( Materials)</b>					Php -
<b>D.</b>	<b>Direct Cost (A+B+C)</b>			<b>Php</b>	
<b>E.</b>	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	
<b>F.</b>	Contractor's Profit			10% of D.	
<b>G.</b>	Value Added Tax (VAT)			5% of (D+E+F)	
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>			<b>Php</b>	
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>			<b>Php</b>	

**DETAILED UNIT PRICE ANALYSIS**

**Project :** REPAIR AND REHABILITATION OF SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)

**Location:** Congressional Ave., Tunasan, Muntinlupa City

**Item:** 5 (d)

**Description:** Plain Cement Plaster Finish

Quantity: 6.27  
Output per hour: 7.125  
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	0.88		-
	Skilled Laborer	2	0.88		-
	Unskilled Laborer	4	0.88		-
<b>Sub-Total (Labor)</b>					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Portland Cement	bags	2.07		
	Washed Sand	cu.m	0.17		
<b>Sub-Total ( Materials)</b>					Php
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				<b>Php</b>
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)	
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>				<b>Php</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>				<b>Php</b>



DETAILED UNIT PRICE ANALYSIS

**Project :** REPAIR AND REHABILITATION OF SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)

**Location:** Congressional Ave., Tunasan, Muntinlupa City

**Item:** 6 (c)

**Description:** Door, Tempered Glass with Tubular and Strat on Base w/ Cover Powder Coated Frame

Quantity: 2.64  
Output per hour: 0.32  
Unit: sq m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	8.25		-
	Skilled Laborer	1	8.25		-
	Unskilled Laborer	1	8.25		-
<b>Sub-Total (Labor)</b>					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Cutting Outfit	2.00	8.25		-
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Door, Tempered Glass with Tubular and Strat on Base w/ Cover Powder Coated Frame including accessories	sq.m	2.64		-
<b>Sub-Total ( Materials)</b>					Php -
<b>D.</b>	<b>Direct Cost (A+B+C)</b>			<b>Php</b>	
<b>E.</b>	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	
<b>F.</b>	Contractor's Profit			10% of D.	
<b>G.</b>	Value Added Tax (VAT)			5% of (D+E+F)	
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>			<b>Php</b>	
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>			<b>Php</b>	

DETAILED UNIT PRICE ANALYSIS

**Project :** REPAIR AND REHABILITATION OF SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)

**Location:** Congressional Ave., Tunasan, Muntinlupa City

**Item:** 6 (f)

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

Quantity: 3.00  
Output: 1.00  
Unit: set

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	3.00		-
	Skilled Laborer	1	3.00		-
	Unskilled Laborer	1	3.00		-
<b>Sub-Total (Labor)</b>					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Frames (Jambs, Sill, Head, Transoms, and Mullions)	set	3.00		-

	<b>Sub-Total ( Materials)</b>			Php
<b>D.</b>	<b>Direct Cost (A+B+C)</b>			<b>Php</b>
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)	
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>			<b>Php</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>			<b>Php</b>

**DETAILED UNIT PRICE ANALYSIS**

**Project :** REPAIR AND REHABILITATION OF SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)

**Location:** Congressional Ave., Tunasan, Muntinlupa City

**Item:** 7 (b)

**Description:** Removal of Steel Purlins

Quantity: 160.00  
Output per hour: 43.76  
Unit: kg

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	3.66		-
	Skilled Laborer	2	3.66		-
	Unskilled Laborer	3	3.66		-
<b>Sub-Total (Labor)</b>					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Cutting OutFit	1	3.66		
	H - Frame 1.7m x 1.2m	2	3.66		
	Electric Hand Drill	2	3.66		
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
<b>Sub-Total ( Materials)</b>					Php
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				<b>Php</b>
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)	
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>				<b>Php</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>				<b>Php</b>

**DETAILED UNIT PRICE ANALYSIS**

**Project :** REPAIR AND REHABILITATION OF SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)

**Location:** Congressional Ave., Tunasan, Muntinlupa City

**Item:** 7 (c)

**Description:** Metal Structure Accessories (Stair)

Quantity: 1.00  
Output per hour: 1.00  
Unit: I.s.

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Fabrication				
	Construction Foreman	1	120.00		-
	Skilled Laborer	2	120.00		-
	Unskilled Laborer	2	120.00		-
	Erection				
	Skilled Laborer	3	58.80		-
	Unskilled Laborer	3	58.80		-
<b>Sub-Total (Labor)</b>					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Welding Machine	1	62.00		
	Cutting Outfit	3	65.00		
	H - Frame 1.7m x 1.2m	6	120.00		
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	G.I. Pipe 2"Ø Sch.40	pc	10.00		
	L 65 x 65 x 6.0mm	kg	73.44		
	L 50 x 50 x 6mm	kg	79.8		
	Square Bar 12mm□	pc	5.00		
	Anchor Bolt with Nuts and Washer, 12mmØ x 50mm x 300mm	pc			
	Checkered Plate	kg	299.77		
	Steel Plate 1.20m x 2.40m x 10mm thk	pc	0.20		
	Acetylene (1.1 % of steel)	kg	33.37		
	Welding Rod (2% of steel).	kg	35.00		
<b>Sub-Total ( Materials)</b>					Php



D.	<b>Direct Cost (A+B+C)</b>	<b>Php</b>
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.	<b>Adjusted Total Cost (D+E+F+G)</b>	<b>Php</b>
I.	Adjusted Unit Cost ( H/Quantity)	Php

**DETAILED UNIT PRICE ANALYSIS**

**Project :** REPAIR AND REHABILITATION OF SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)

**Location:** Congressional Ave., Tunasan, Muntinlupa City

**Item:** 7 (c)

**Description:** Metal Structure Accessories (Fire Escape)

Quantity: 1.00  
Output per hour: 1.00  
Unit: I.s.

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Fabrication				
	Construction Foreman	1	120.00		-
	Skilled Laborer	2	120.00		-
	Unskilled Laborer	2	120.00		-
	Erection				
	Skilled Laborer	3	58.80		-
	Unskilled Laborer	3	58.80		-
<b>Sub-Total (Labor)</b>					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Welding Machine	1	60.00		
	Cutting Outfit	1	120.00		
	H - Frame 1.7m x 1.2m	12	120.00		
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	G.I. Pipe, 4"Ø, Sch. 40	pc	8.00		
	G.I. Pipe 2"Ø Sch.40	pc	9.00		
	LC 255 x 90 x 2.5mm Stair Thread	kg	376.38		
	L 65 x 65 x 6.0mm	kg	198.9		
	L 50 x 50 x 6mm	kg	777.15		
	L 40 x 40 x 5mm	kg	58.96		
	L 25 x 25 x 4.5mm	kg	6.90		
	Square Bar 19mm□	pc	42.00		
	Anchor Bolt with Nuts and Washer, 12mmØ x 50mm x 300mm	pc	28.00		
	Plain Round Bar 12mmØ x 6m	pc	1.00		
	C 8x13 (Stringer)	kg	1,141.67		
	Checkered Plate	kg	62.80		
	Steel Plate 1.20m x 2.40m x 10mm thk	pc	0.20		
	Acetylene (1.1 % of steel)	kg	33.37		
	Oxygen (2.2% of steel)	kg	66.75		
	Welding Rod (2% of steel).	kg	60.68		
<b>Sub-Total ( Materials)</b>					Php

D.	<b>Direct Cost (A+B+C)</b>	<b>Php</b>
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.	<b>Adjusted Total Cost (D+E+F+G)</b>	<b>Php</b>
I.	Adjusted Unit Cost ( H/Quantity)	Php

DETAILED UNIT PRICE ANALYSIS

**Project :** REPAIR AND REHABILITATION OF SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)

**Location:** Congressional Ave., Tunasan, Muntinlupa City

**Item:** 8 (a)

**Description:** Removal of Metal Roofing (Gutter)

Quantity: 12.00  
Output per hour: 1.000  
Unit: m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	12.00		-
	Skilled Laborer	1	12.00		-
	Unskilled Laborer	2	12.00		-
<b>Sub-Total (Labor)</b>					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Electric Hand Drill	2	13.20		
	H - Frame 1.7m x 1.2m	2	13.20		
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
<b>Sub-Total ( Materials)</b>					Php -
<b>D.</b>	<b>Direct Cost (A+B+C)</b>			<b>Php</b>	
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)	
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>			<b>Php</b>	
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>			<b>Php</b>	

DETAILED UNIT PRICE ANALYSIS

**Project :** REPAIR AND REHABILITATION OF SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)

**Location:** Congressional Ave., Tunasan, Muntinlupa City

**Item:** 8 (a)

**Description:** Removal of Metal Roofing (Stair)

Quantity: 25.74  
Output per hour: 18.250  
Unit: sq. m.

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	1.41		-
	Skilled Laborer	1	1.41		-
	Unskilled Laborer	2	1.41		-
<b>Sub-Total (Labor)</b>					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Electric Hand Drill	2	1.41		
	H - Frame 1.7m x 1.2m	2	1.41		
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
<b>Sub-Total ( Materials)</b>					Php
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				<b>Php</b>
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)
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>				<b>Php</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>				<b>Php</b>



**DETAILED UNIT PRICE ANALYSIS**

**Project :** REPAIR AND REHABILITATION OF SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)

**Location:** Congressional Ave., Tunasan, 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: 17.16  
Output per hour: 2.769  
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	6.20		
	Skilled Laborer	1	6.20		
	Unskilled Laborer	2	6.20		
<b>Sub-Total (Labor)</b>				Php	
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>				Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Teckscrew 2-3/4"	162.00	162.00		
	Roof Sealant	2.00	2.00		
<b>Sub-Total ( Materials)</b>				Php	
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				<b>Php</b>
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)	
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>				<b>Php</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>				<b>Php</b>

DETAILED UNIT PRICE ANALYSIS

**Project :** REPAIR AND REHABILITATION OF SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)

**Location:** Congressional Ave., Tunasan, 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: 17.16  
Output per hour: 2.769  
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	6.20		-
	Skilled Laborer	1	6.20		-
	Unskilled Laborer	2	6.20		-
<b>Sub-Total (Labor)</b>					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Teckscrew 2-3/4"	pc	162.00		
	Roof Sealant	L	2.00		
<b>Sub-Total ( Materials)</b>					Php -
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				<b>Php</b>
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)
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>				<b>Php</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>				<b>Php -</b>

DETAILED UNIT PRICE ANALYSIS

**Project :** REPAIR AND REHABILITATION OF SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)

**Location:** Congressional Ave., Tunasan, Muntinlupa City

**Item:** 8 (d)

**Description:** Fabricated Metal Roofing Accessory (Gutter)

Quantity: 12.00  
Output per hour: 11.80  
Unit: m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	1.02		-
	Skilled Laborer	1	1.02		-
	Unskilled Laborer	2	1.02		-
<b>Sub-Total (Labor)</b>					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	H - Frame 1.7m x 1.2m	4.00	1.02		-
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Gutter, Preformed, Pre-Painted, 0.915m x 2.440m x 0.5mm thk	pc	5.00		-
	Blind Rivets	pc	120.00		-
<b>Sub-Total ( Materials)</b>					Php -
<b>D.</b>	<b>Direct Cost (A+B+C)</b>				<b>Php</b>
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)
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>				<b>Php</b>
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>				<b>Php -</b>

**DETAILED UNIT PRICE ANALYSIS**

**Project :** REPAIR AND REHABILITATION OF SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)

**Location:** Congressional Ave., Tunasan, Muntinlupa City

**Item:** 10 (a)

**Description:** Conduit, Boxes and Fitting

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		-
<b>Sub-Total (Labor)</b>					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Electrical Conduit uPVC, 15mmØ	pc	34.00		-
	RSC 20mmØ	pc	1.00		-
	Service Entrance Cap 3" (Diecast Aluminum)	pc	2.00		-
<b>Sub-Total ( Materials)</b>					Php -
<b>D.</b>	<b>Direct Cost (A+B+C)</b>			<b>Php</b>	
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)	
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>			<b>Php</b>	
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>			<b>Php</b>	

DETAILED UNIT PRICE ANALYSIS

**Project :** REPAIR AND REHABILITATION OF SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)

**Location:** Congressional Ave., Tunasan, 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	8.00		-
	Skilled Laborer	1	8.00		-
	Unskilled Laborer	2	8.00		-
<b>Sub-Total (Labor)</b>					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	NEMA Type 4 Single-Door Electrical Enclosures	set	1.00		
	1200A, 3P Molded Case Circuit Breaker	set	1.00		
	Rubber Tape	set	3.00		
	Duct Seal	set	2.00		
	Marine Epoxy	set	2.00		
<b>Sub-Total ( Materials)</b>					Php -
<b>D.</b>	<b>Direct Cost (A+B+C)</b>			<b>Php</b>	
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)	
<b>H.</b>	<b>Adjusted Total Cost (D+E+F+G)</b>			<b>Php</b>	
<b>I.</b>	<b>Adjusted Unit Cost ( H/Quantity)</b>			<b>Php</b>	

DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)

Location: Congressional Ave., Tunasan, Muntinlupa City

Item: 13 (c)

5 Description: Metal Painting (Stair)

Quantity: 75.00  
Output per hour: 2.00  
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	37.50		-
	Skilled Laborer	2	37.50		-
	Unskilled Laborer	1	37.50		-
<b>Sub-Total (Labor)</b>					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Primer, Epoxy	gal	4.00		
	Paint Thinner	gal	1.00		
<b>Sub-Total ( Materials)</b>					Php -
D.	<b>Direct Cost (A+B+C)</b>			<b>Php</b>	-
E.	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	- 12%
F.	Contractor's Profit			10% of D.	- 10%
G.	Value Added Tax (VAT)			5% of (D+E+F)	- 5%
H.	<b>Adjusted Total Cost (D+E+F+G)</b>			<b>Php</b>	-
I.	<b>Adjusted Unit Cost ( H/Quantity)</b>			<b>Php</b>	-

DETAILED UNIT PRICE ANALYSIS

Project : REPAIR AND REHABILITATION OF SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)

Location: Congressional Ave., Tunasan, Muntinlupa City

Item: 13 (c)

10 Description: Metal Painting (Fire Escape)

Quantity: 155.66  
Output per hour: 2.00  
Unit: sq.m

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
	Construction Foreman	1	77.83		-
	Skilled Laborer	2	77.83		-
	Unskilled Laborer	1	77.83		-
	Unskilled Laborer				
<b>Sub-Total (Labor)</b>					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
<b>Sub-Total ( Equipment)</b>					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
13.11	Primer, Zinc Chromate	gal	8.00		-
13.09	Enamel Paint	gal	8.00		-
	Paint Thinner	gal	4.00		-
<b>Sub-Total ( Materials)</b>					Php -
D.	<b>Direct Cost (A+B+C)</b>			<b>Php</b>	-
E.	Overhead,Contingencies and Miscellaneous (OCM)			12% of D.	- 12%
F.	Contractor's Profit			10% of D.	- 10%
G.	Value Added Tax (VAT)			5% of (D+E+F)	- 5%
H.	<b>Adjusted Total Cost (D+E+F+G)</b>			<b>Php</b>	-
I.	Adjusted Unit Cost ( H/Quantity)			Php	-



# PROGRAM OF WORKS

## BILL OF QUANTITIES

**CORODO 2024 - NCR - MUNTINLUPA CITY - 001**

<b>Division</b> : SDO MUNTINLUPA CITY	<b>Date:</b> 02/15/23
<b>School I.D</b> :	<b>Budget Allocation:</b> 1,500,000.00
<b>Region</b> : NCR	<b>Engineering and Administrative Overhead:</b> 0.00
<b>Division</b> : SDO MUNTINLUPA CITY	<b>Approved Budget for the Contract:</b> 1,500,000.00
<b>Project Title</b> :	<b>Completion Period:</b> 75 CD
<b>REPAIR AND REHABILITATION OF SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)</b>	<b>Minimum Required Manpower:</b>
	General Foreman                      Welder                      Carpenter
	Helper    Mason    Painter
<b>Location</b> : Centennial Avenue, Tunasan, Muntinlupa City	<b>Minimum Required Equipment:</b>
	Hand Tools    Welding Machine
	One-Bagger Mixer    Cutting Outfit

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) (6) / (5)	(8) (9) / (5)	(9)
A.	<b>Facilities for the Engineer</b>							
A.1	Temporary Facilities		Month	2,5				
B.	<b>Other General Requirements</b>							
B.1	Fire Safety Inspection Certificate (FSIC)		lot	1.00				
SPL 1	Project Billboard		Each	1.00				
SPL 2	Construction Safety and Health		Month	2.50				
C.	<b>Mobilization and Demobilization</b>							
C.1	Mobilization and Demobilization		Ls	1.00				
	<b>Building 1</b>							

Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost	Adjusted Total Cost
					Total Cost	Unit Cost		
8.0000	<b>Structural Steel Purlins</b>							
8 (a)	Removal of Metal Roofing		sq. m.	25.74				
8 (f)	Removal of Metal Roofing (Gutter)		m	12.00				
8 (c)	Pre - painted Metal Sheets (Rib - type, Short Span/ Long Span, below 0.427 BMT/ above 0.427 BMT		sq.m	17.16				
8 (d)	Fabricated Metal Roofing Accessory (Gutter)		m	12.00				
	<b>Building 2</b>							
5.0000	<b>Masonry Works</b>							
5 (c)	Masonry (150 mm CHB)		sq.m	1.90				
5 (d)	Plain Cement Plaster Finish		sq.m	1.90				
6.0000	<b>Fabricated Materials and Hardware</b>							
16 (i)	Tempered Glass with Tubular and Strat on Base w/ Cover Powder Coated Frame including accessories		sq m	2.64				
7.0000	<b>Steel Works</b>							
7 (b)	Removal of Steel Purlins		kg	160.00				
7 (l)	Metal Structure Accessories (Stair)		l.s.	1.00				
10.0000	<b>Electrical Works</b>							
10 (a)	Conduit, Boxes and Fitting		Ls	1.00				
10 (c)	Lighting Fixture/ Fixture		Ls	1.00				
11.0000	<b>Plumbing Works</b>							
13 (c)	Metal Painting (Stair)		sq. m.	75.00				
	<b>Fire Escape for Building 2</b>							
1.0000	<b>Earthworks</b>							
1 (b)	Structural Excavation		cu m	6.34				
1 (c)	Backfilling of Excavated Materials		cu m	6.34				
1 (d)	Gravel Bedding G-1		cu m	0.16				
2.0000	<b>Concreting Works (3000 psi)</b>							

Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost	Adjusted Total Cost
					Total Cost	Unit Cost		
2 (b)	Structural Concrete (Footing and Slab on Fill)		cu m	1.26				
2 (c)	Structural Concrete (Footing Tie Beam, Column, Suspended Slab, Girder/ Beam)		cu m	0.11				
3.0000	<b>Rebar Works</b>							
3 (a)	Reinforcing Steel Bar, Grade 40		kg	55.34				
4.0000	<b>Formworks</b>							
4 (a)	Installation and Removal of Formworks		sq.m	1.92				
5.0000	<b>Masonry Works</b>							
5 (a)	Demolition of Masonry Wall		sq m	7.92				
5 (c)	Installation and Removal of Formworks		sq.m	1.90				
	<b>Finishing Works</b>							
5 (d)	Plain Cement Plaster Finish		sq.m	6.27				
6.0000	<b>Fabricated Materials and Hardware</b>							
6 (f)	Frames (Jambs, Sill, Head, Transoms, and Mullions)		set	3.00				
6 (h)	Steel Door		sq.m	8.32				
7.0000	<b>Steel Works</b>							
7 (k)	Metal Structure Accessories (Fire Escape)		l.s.	1.00				
13.0000	<b>Painting Works</b>							
13 (c)	Metal Painting		sq.m	155.66				
		<b>100.00%</b>					<b>Total Construction Cost</b>	<b>-</b>

Prepared by:

Contractor's Representative

**PROGRAM OF WORKS**  
**DETAILED COST ESTIMATE**  
**(TOTAL CONSTRUCTION COST/ ABC)**  
**CORODO 2024 - NCR - MUNTINLUPA CITY - 001**

PROJECT : **REPAIR AND REHABILITATION OF SDO BUILDINGS and PROVISION OF FIRE ESCAPE (BUILDING 2)**  
DIVISION : **SDO MUNTINLUPA CITY**  
LOCATION : **Centennial Avenue, Tunasan, Muntinlupa City**  
OWNER : **DEPARTMENT OF EDUCATION**

CONTRACT DURATION : **75 CD**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UP		VAT (5%)	TOTAL INDIRECT COST	ADJUSTED TOTAL COST	ADJUSTED UNIT COST
					OCM	PROFIT	%	VALUE				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
							(6) + (7)	(5) x (8)	5% [(5) + (9)]	(9) + (10)	(5) + (11)	(12) / (3)
A.	<b>Facilities for the Engineer</b>											
A.1	Temporary Facilities	2,5	Month									
B.	<b>Other General Requirements</b>											
B.1	Fire Safety Inspection Certificate (FSIC)	1.00	lot									
SPL 1	Project Billboard	1.00	Each									
SPL 2	Construction Safety and Health	2.50	Month									
C.	<b>Mobilization and Demobilization</b>											
C.1	Mobilization and Demobilization	1.00	Ls									
	<b>Building 1</b>											
8.0000	<b>Roofing Works</b>											
8 (a)	Removal of Metal Roofing	25.74	sq. m.									
8 (f)	Fabricated Metal Roofing Accessory (Gutter)	12.00	m									
8 (c)	Pre - painted Metal Sheets (Rib - type, Short Span/ Long Span, below 0.427 BMT/ above 0.427 BMT)	17.16	sq.m									
8 (d)	Fabricated Metal Roofing Accessory (Gutter)	12.00	m									
	<b>Building 2</b>											
5.0000	<b>Masonry Works</b>											
5 (c)	Masonry (150 mm CHB)	6.27	sq. m.									
5 (d)	Plain Cement Plaster Finish	6.27	sq. m.									
6.0000	<b>Fabricated Materials and Hardwares</b>											

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				
16 (i)	Tempered Glass with Tubular and Strat on Base w/ Cover Powder Coated Frame including accessories	2.64	sq m									
7.0000	<b>Steel Works</b>											
7 (b)	Removal of Steel Purlins	160.00	kg									
7 (l)	Metal Structure Accessories (Stair)	1.00	l.s.									
10.0000	<b>Electrical Works</b>											
10 (a)	Conduit, Boxes and Fitting	1.00	Ls									
10 (b)	Wires and Wiring Devices	1.00	lot									
10 (c)	Lighting Fixture/ Fixture	1.00	Ls									
11.0000	<b>Painting Works</b>											
13 (c)	Metal Painting	75.00	sq. m.									
	<b>Fire Escape for Building 2</b>											
1.0000	<b>Earthworks</b>											
1 (b)	Structural Excavation	6.34	cu m									
1 (c)	Backfilling of Excavated Materials	6.34	cu m									
1 (d)	Gravel Bedding G-1	0.16	cu m									
2.0000	<b>Concreting Works (3000 psi)</b>											
2 (b)	Structural Concrete (Footing and Slab on Fill)	1.26	cu m									
2 (c)	Structural Concrete (Footing Tie Beam, Column, Suspended Slab, Girder/ Beam)	0.11	cu m									
3.0000	<b>Rebar Works</b>											
3 (a)	Reinforcing Steel Bar, Grade 40	55.34	kg									
4.0000	<b>Formworks</b>											
4 (a)	Installation and Removal of Formworks	1.92	sq.m									
5.0000	<b>Masonry Works</b>											
5 (a)	Demolition of Masonry Wall	7.92	sq m									
5 (c)	Masonry (150 mm CHB)	1.90	sq.m									
	<b>Finishing Works</b>											
5 (d)	Plain Cement Plaster Finish	6.27	sq.m									
6.0000	<b>Fabricated Materials and Hardwares</b>											
6 (f)	Frames (Jambs, Sill, Head, Transoms, and Mullions)	3.00	set									
6 (h)	Steel Door	8.32	sq.m									
7.0000	<b>Steel Works</b>											
7 (i)	Metal Structure Accessories (Fire Escape)	1.00	l.s.									
13.0000	<b>Painting Works</b>											

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UP		VAT (5%)	TOTAL INDIRECT COST	ADJUSTED TOTAL COST	ADJUSTED UNIT COST
					OCM	PROFIT	%	VALUE				
13 (c)	Metal Painting	155.66	sq.m									
<b>TOTAL CONSTRUCTION COST</b>											-	

Prepared by:

Contractor's Representative