

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-NO23 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 (P1,500,000.00) 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.
- 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.
- 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 (P5,000.00). 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 Conference¹ 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. 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.

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.









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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

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

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

ITB-PROJECT-2024-001







PURCHASE REQUEST

Department of Education National Capital Region DepEd - Muntinlupa City

Entity Name:	SDO - CITY	OF MUNTINLUPA		Fund Cluste	r: 01-101101-Regular Age	ency Fund
		PR No.: PR-PB- <u>2024-01-0005</u> Responsibility Center Code: <u>70</u>	010813008		Date:	1/29/2024
Stock/ Property No.	Unit		Item Description	Quantity	Unit Cost	Total Cost
	lot	Repair and Rehabilitat	tion of SDO Buildings and Provision of Fire Escape (2 Building)	1	₱ 1,500,000.00	P 1,500,000.00
			MINIMUM REQUIRED MANPOWER:			
	40,0	General Fo	oreman, Welder, Carpenter, Helper, Mason, Painter			
			MINIMUM REQUIRED EQUIPMENT:			
			Hand Tools			
			Welding Machine			
			One-Bagger Mixer Cutting Outfit			
		Facilities for the Engineer	GENERAL REQUIREMENTS:			
		-Temporary Facilities				
		Other General Requirements -Fire Safety Inspection Certifica -Project Billboard -Construction Safety and Healt	h.			
		Mobilitization and Demobiliza				
		-Mobilization and Demobilization Building 1	on			
		Roofing Works -Removal of Metal Roofing -Removal of Metal Roofing (Gu -Pre-painted Metal Sheets (Rib -Fabricated Metal Roofing Acce	- type, Short Span/ Long Span, below 0.427 BMT/ above 0.427 BMT			
		Building 2 Masonry Works	*			
		-Masonry (150 mm CHB) -Plain Cement Plaster Finish	-	_		
		Fabricated Materials and Hard -Tempered Glass with Tubular	Iware and Strat on Base w/ Cover Powder Coated Frame including accessories			
		Steel Works -Removal of Steel Purlins				
		-Metal Structure Accessories (S Electrical Works -Conduit, Boxes and Fitting -Lighting Fixture/ Fixture	(dil)			
		Painting Works				_
		-Metal Painting (Stair) Fire Escape for Building 2				
		Earthworks				
		-Structural Excavation		1		44.
		-Backfilling of Excavated Mater -Gravel Bedding G-1	ials			
		Concreting Works (3000 psi) -Structural Concrete (Footing as	nd Slab on Fill)			
			ie Beam, Column, Suspended Slab, Girder/ Beam)			
		Rebar Works				
		-Reinforcing Steel Bar, Grade 49 Formworks	0			
		-Installation and Removal of Fo	rmworks			
		Masonry Works				
		-Demolition of Masonry Wall -Masonry (150 mm CHB)				
		Finishing Works				
		-Plain Cement Plaster Finish				
		Fabricated Materials and Hard -Frames (Jambs, Sill, Heal, Tran-				
		-Steel Door	soms, and maintain			
		Steel Works				
		 -Metal Structure Accessories (Financial Painting Works) 	re Escape)			
		-Metal Painting				
		#Attached in the Decares of It	Contro			
		*Attached is the Program of W *Completion Period: 75 Calend				
			TOTAL			P 1,500,000.00
Source of Fund:	Based on th	e Joint Memorandum PEO-202.	and Provision of Fire Escape (2 Building) 3-N023 on Authority to Procure Infrastructure Projects under CY 2024 Gabilitation of Regional Offices (RO) and Division Offices (DO).	en. Manager	nent and Supervision	
	Requested b	by:	. / /	Approved by		For Public Bidding
	(2.0	1950				
Signature : Printed Name :		-	BENANTE L. TEJADA	-	EVANGELINE P. LADIN	NES CESO V
Designation :			Engineer III		Schools Division Supe	





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
	Sub-Total (Labor)			Php	-
В.	Name / Capacity (Equipment)	No. of	No. of	Hourly	Amount
		Units	Hours	Rate	
	Sub-Total (Equipment)			Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Death of Office Otenson Heave (feel of an Polyton de				
	Rental of Office/ Storage House (including light and water)	Month	2,5		
	Sub-Total (Materials)			Php	
	Direct Cost (A+B+C)			Php	
_	Overhead, Contingencies and Miscellaneous (Ocm)			0% of D.	
	Contractor's Profit			10% of D.	
_	Value Added Tax (VAT)			5% of (D+E+F)	
	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: B.

Description: Fire Safety Inspection Certificate (FSIC)

Quantity: 1.00 Output: 1.00

				Unit:	ot
Α.	Designation of Personnel	No. of	No. of	Hourly	Amount
۸.	Designation of Fersonner	Person	Hours	Rate	7 iniount
	Cub Total (Labor)			Dha	
	Sub-Total (Labor)	No. of	No. of	Php	
В.	Name / Capacity (Equipment)	Units	No. of	Hourly	Amount
		Units	Hours	Rate	
	Sub-Total (Equipment)			Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit	Amount
j	Name / Specification (Materials)	Ollit	Quantity	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	<u> </u>
H.	Adjusted Unit Cost (H/Quantity)			Php	
1.	Adjusted Offit Oost (11/Quartity)			riip	-





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	No. of	Hourly	Amount
	g	Person	Hours	Rate	7
	Construction Forest		4.00		
	Construction Foreman	1 1	4.00		-
	Skilled Laborer Unskilled Laborer	1	4.00		-
	Unskilled Laborei	1	4.00		-
	Sub-Total (Labor)	1		Php	-
В.	Name / Capacity (Equipment)	No. of	No. of	Hourly	Amount
٥.	Name / Capacity (Equipment)	Units	Hours	Rate	Amount
	Sub-Total (Equipment)			Php	
_				Unit	_
C.	Name / Specification (Materials)	Unit	Quantity	Cost	Amount
				0000	
	8' x 8' Tarpaulin, 2 sets	sq ft	64.00		-
	Good Lumber (Frames)	bd.ft	48.00		-
	Assorted CW Nails	kg	1.00		-
	Out Total (Marie 1)			P.	
_	Sub-Total (Materials)			Php	
D.	Direct Cost (A+B+C)			Php	
Ε.	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)	
Н.	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		
Α.	Designation of Personnel	No. of	No. of	Hourly	Amount		
	Boolghation of Forconner	Person	Hours	Rate	Amount		
	Safety Officer	1	460.00				
	First Aider	'1	460.00		-		
	I list Aldel	'	400.00		-		
	Sub-Total (Labor)			Php	-		
В.	Name / Capacity (Equipment)	No. of	No. of	Hourly	Amount		
<u> </u>	Name / Supacity (Equipment)	Units	Hours	Rate	Amount		
	Sub-Total (Equipment)			Php	-		
C.	Name / Specification (Materials)	Unit	Quantity	Unit	Amount		
О.	Name / Specification (Materials)	Onit	Quantity	Cost	Amount		
	First Aid Kit	1.5	4				
	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 / Matariala			Dha			
	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.	
Ġ	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: C.1

Description: Mobilization and Demobilization

Quantity: 1.00
Output: 1.00

				Unit: L	_S
A.	Designation of Personnel	No. of	No. of	Hourly	Amount
		Person	Hours	Rate	
	Sub-Total (Labor)			Php	
		No. of	No. of	Hourly	
B.	Name / Capacity (Equipment)	Units	Hours	Rate	Amount
	Self Loading Truck and Accessories	1	24		0.00
	Sub-Total (Equipment)			Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit	Amount
	. , ,			Cost	
	Sub-Total (Materials)			Dha	
D.	Direct Cost (A+B+C)			Php 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)	
Н.	Adjusted Total Cost (D+E+F+G)			Php	
-	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 (b)

Description: Structural Excavation

Quantity: 6.34
Output per hour: 20.00

				Unit:	cu m
Α.	Designation of Personnel	No. of	No. of	Hourly	Amount
Λ.	Designation of Fersonner	Person	Hours	Rate	Amount
	Construction Foreman	1	0.32		-
	Unskilled Laborer	2	0.32		-
	Sub-Total (Labor)			Php	-
В.	Name / Capacity (Equipment)	No. of	No. of	Hourly	Amount
В.	Name / Capacity (Equipment)	Units	Hours	Rate	Amount
	Backhoe (0.80 cu.m.)	1	0.32		-
	Dump Truck (12 cu.yd.)	1	0.32		-
	Sub-Total (Equipment)			Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit	Amount
	rtaine / opcomodion (materials)	O.I.I.	quantity	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 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 No. of No. of Hourly A. **Designation of Personnel** Amount Person Rate Hours Construction Foreman 0.64 Unskilled Laborer 0.64 3 Sub-Total (Labor) Php -No. of No. of Hourly Amount В. Name / Capacity (Equipment) Units Hours Rate Plate Compactor (5hp) 0.48 Backhoe (0.80 cu.m.) 0.48 1 Sub-Total (Equipment) Php Unit C. Name / Specification (Materials) Unit Quantity Amount Cost Sub-Total (Materials) Php Direct Cost (A+B+C) Php Overhead, Contingencies and Miscellaneous (OCM) 12% of D. Contractor's Profit 10% of D. 5% of (D+E+F) G. Value Added Tax (VAT) Adjusted Total Cost (D+E+F+G) Php 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 (d)

Description: Gravel Bedding

Quantity: 0.16

Output per hour: 1.20

				Unit:	cu m
Α.	Designation of Personnel	No. of	No. of	Hourly	Amount
7 (1	200.9.1	Person	Hours	Rate	7
	Construction Foreman	1	0.13		-
	Unskilled Laborer	3	0.13		-
	Sub-Total (Labor)		1	Php	-
В.	Name / Capacity (Equipment)	No. of	No. of	Hourly	Amount
	. , , , , ,	Units	Hours	Rate	
	Plate Compactor (5hp)	1	0.07		-
	Sub-Total (Equipment)			Php	
		I	1	Unit	
C.	Name / Specification (Materials)	Unit	Quantity	Cost	Amount
				0001	
	Gravel Bedding G-1	cu.m	0.17		_
	(with 5% Shrinkage Factor)				
	(
	Sub-Total (Materials)	l .	l	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)	
Н.	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: 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	No. of	Hourly	Amount
Α.	Designation of Fersonner	Person	Hours	Rate	Amount
	Construction Foreman	1	3.53		-
	Skilled Laborer	1	3.53		-
	Unskilled Laborer	4	3.53		-
	Sub-Total (Labor)	•		Php	-
В.	Name / Canadity (Equipment)	No. of	No. of	Hourly	Amount
В.	Name / Capacity (Equipment)	Units	Hours	Rate	Amount
	One - bagger Mixer	1	3.53		-
	Sub-Total (Equipment)			Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit	Amount
C.	Name / Specification (Materials)	Offic	Quantity	Cost	Amount
	Portland Cement	bag	12.00		-
	Washed Sand	cu.m.	1.50		-
	Crushed Gravel 3/4"	cu.m.	0.75		-
	Sub-Total (Materials)			Php	
D.	Direct Cost (A+B+C)			Php	
	Direct Cost (ATDTC)				
E.	Overhead, Contingencies and Miscellaneous (OCM)			12% of D.	
E. F.				12% of D. 10% of D.	
	Overhead, Contingencies and Miscellaneous (OCM)				
F.	Overhead, Contingencies and Miscellaneous (OCM) Contractor's Profit			10% of D.	





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

				Unit:	cu m
A.	Designation of Personnel	No. of	No. of	Hourly	Amount
Λ.	Designation of Fersonner	Person	Hours	Rate	Amount
	Construction Foreman	1	0.41		-
	Skilled Laborer	2	0.41		-
	Unskilled Laborer	6	0.41		-
	Sub-Total (Labor)			Php	-
В.	Name / Capacity (Equipment)	No. of	No. of	Hourly	Amount
<u>. </u>	Name / Capacity (Equipment)	Units	Hours	Rate	Amount
	One - bagger Mixer	1	0.41		-
	Sub-Total (Equipment)	ı	I I	Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit	Amount
				Cost	
	Portland Cement	haa	4.00		
	Washed Sand	bag cu.m.	1.00		
	Crushed Gravel 3/4"		0.25		
	Crushed Graver 3/4	cu.m.	0.25		
	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	
	riajactoa Crit Goot (11/Quartity)			i lip	





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

				Unit:	kg
Α.	Designation of Personnel	No. of	No. of	Hourly	Amount
Λ.	Designation of Personner	Person	Hours	Rate	Amount
	Construction Foreman	1	0.39		-
	Skilled Laborer	3	0.39		-
	Unskilled Laborer	12	0.39		-
	Sub-Total (Labor)			Php	-
В.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
	Bar Cutter	1	0.19		_
	Bar Bender	1	0.19		_
	Dai Donasi		0.10		
	Sub-Total (Equipment)	•		Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit	Amount
<u> </u>	Name / Opecification (Materials)	Offic	Quantity	Cost	Amount
	#16 G.I. Tie Wire	kg	2.00		
	Reinforcing Steel Bar, Grade 40	kg	55.34		
		,			
	Cub Total / Materials)			Dha	
	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)	
Н.	Adjusted Total Cost (D+E+F+G)			Php	
l.	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: 4 (a)

Description: Installation and Removal of Formworks

Quantity: 1.92
Output per hour: 3.24

				Unit:	
_	Designation of Bases and	No. of	No. of	Hourly	
Α.	Designation of Personnel	Person	Hours	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		-
				D.	
	Sub-Total (Labor)	No. of		Php	-
В.	Name / Capacity (Equipment)	Units	No. of Hours	Hourly Rate	Amount
	Sub-Total (Equipment)			Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
		1.16			
	Good Lumber - 3 uses	bdft	9.90		
	Ordinary Plywood - 3 uses	pc.	1.00		
	Assorted CWN	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	
l.	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: 5 (a)

Description: Demolition of Masonry Wall

Quantity: 7.92
Output per hour: 5.938

				Unit:	sq m
Α.	Designation of Personnel	No. of	No. of	Hourly	Amount
Α.	Designation of Fersonner	Person	Hours	Rate	Amount
	Construction Foreman	1	1.33		
	Skilled Laborer	1	1.33		
	Unskilled Laborer	4	1.33		
	Sub-Total (Labor)			Php	-
В.	Name / Canacity (Equipment)	No. of	No. of	Hourly	Amount
ъ.	. Name / Capacity (Equipment)	Units	Hours	Rate	Amount
	Jack Hammer Drill	1	1.33		-
	Sub-Total (Equipment)			Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit	Amount
<u> </u>	Name / Opcomedien (materials)	Onit	Quantity	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 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
Α.	Designation of Personnel	No. of	No. of	Hourly	Amount
	Designation of Fersonner	Person	Hours	Rate	Amount
	Construction Foreman	1	0.60		-
	Skilled Laborer	2	0.60		-
	Unskilled Laborer	3	0.60		-
	Sub-Total (Labor)	1		Php	-
		No. of	No. of	Hourly	A
B.	Name / Capacity (Equipment)	Units	Hours	Rate	Amount
	Sub-Total (Equipment)	•		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		
	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: 5 (d)

Plain Cement Plaster Finish **Description:**

> Quantity: 6.27 Output per hour: 7.125

				Unit:	sq.m
Α.	Designation of Personnel	No. of	No. of	Hourly	Amount
Λ.	Designation of Fersonner	Person	Hours	Rate	Amount
	Construction Foreman	1	0.88		-
	Skilled Laborer	2	0.88		-
	Unskilled Laborer	4	0.88		-
	Sub-Total (Labor)			Php	
		No. of	No. of	Hourly	
В.	Name / Capacity (Equipment)	Units	Hours	Rate	Amount
	Sub-Total (Equipment)			Php	
	Sub-rotar (Equipment)	Τ	1	. '-	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Portland Cement	hogo	2.07		
	Washed Sand	bags	0.17		
	Washed Sand	cu.m	0.17		
	Sub-Total (Materials)	ı		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: 6 (c)

Door, Tempered Glass with Tubular and Strat on Base w/ Cover Powder Coated

Description: Frame

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

				Unit:	sq m
Α.	Designation of Personnel	No. of	No. of	Hourly	Amount
۸.	Designation of Fersonner	Person	Hours	Rate	Amount
	Construction Foreman	1	8.25		-
	Skilled Laborer	1	8.25		-
	Unskilled Laborer	1	8.25		-
	Sub-Total (Labor)			Php	-
В.	Name / Capacity (Equipment)	No. of	No. of	Hourly	Amount
	сарану (Units	Hours	Rate	7
	Cutting Outfit	2.00	8.25		-
	Sub-Total (Equipment)			Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit	Amount
<u> </u>	ramo / opcomounom (materialo)	O.I.K	Quantity	Cost	Amount
	Door, Tempered Glass with Tubular and Strat on Base w/	ea m	2.64		_
	Cover Powder Coated Frame including accessories	sq.m	2.04		-
	·				
	Sub-Total (Materials)			Php	
D.	Direct Cost (A+B+C)			Php	
E.	Overhead, Contingencies and Miscellaneous (OCM)	_		12% of D.	
F.					
G.	G. Value Added Tax (VAT) 5% of (D+E+F)				
Н.					
I.	Adjusted Unit Cost (H/Quantity)			Php	



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



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

					3 33.	
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		-	
	Sub Total (Labor)			Php		
	Sub-Total (Labor)	No. of	No. of	Hourly	-	
В.	Name / Capacity (Equipment)	Units	Hours	Rate	Amount	
	Sub-Total (Equipment)		1	Php	-	
C.	Name / Specification (Materials)	Unit	Quantity	Unit	Amount	
	. , ,		-	Cost		
	Frames (Jambs, Sill, Head, Transoms, and Mullions)	set	3.00			
	Traines (Jamus, Jill, Fleau, Traisoms, and Mullions)	361	3.00		-	
	1					

	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: 7 (b)

Removal of Steel Purlins Description:

> Quantity: 160.00 Output per hour: 43.76
> Unit: kg

				Unit:	kg
Α.	Designation of Personnel	No. of	No. of	Hourly	Amount
A.	Designation of Personnel	Person	Hours	Rate	Amount
	Construction Foreman	1	3.66		-
	Skilled Laborer	2	3.66		-
	Unskilled Laborer	3	3.66		-
	Sub-Total (Labor)			Php	-
В.	Name / Capacity (Equipment)	No. of	No. of	Hourly	Amount
Б.	Name / Capacity (Equipment)	Units	Hours	Rate	Amount
	Cutting OutFit	1	3.66		
	H - Frame 1.7m x 1.2m	2	3.66		
	Electric Hand Drill	2	3.66		
	Sub-Total (Equipment)			Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
				COSI	
	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	
l.	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 (Stair)

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

				Unit:	l.s.
Α.	Designation of Personnel	No. of	No. of	Hourly	Amount
Α.	Designation of refsonner	Person	Hours	Rate	Amount
	Fabrication				
	Construction Foreman	1	120.00		-
	Skilled Laborer	2	120.00		-
	Unskilled Laborer	2	120.00		-
	<u></u>				
	Erection	_			
	Skilled Laborer	3	58.80		-
	Unskilled Laborer	3	58.80		-
	Sub-Total (Labor)			Php	
_		No. of	No. of	Hourly	
В.	Name / Capacity (Equipment)	Units	Hours	Rate	Amount
	Welding Machine	1	62.00		
	Cutting Outfit	3	65.00		
	H - Frame 1.7m x 1.2m	6	120.00		
	Sub-Total (Equipment)			Php	_
_			9 111	Unit	
C.	Name / Specification (Materials)	Unit	Quantity	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□	рс	5.00		
	Anchor Bolt with Nuts and Washer, 12mmØ x 50mm x 300mm	рс			
	Checkered Plate	kg	299.77		
	Steel Plate 1.20m x 2.40m x 10mm thk	рс	0.20		
	Acetylene (1.1 % of steel)	kg	33.37		
	Welding Rod (2% of steel).	kg	35.00		
	Cook Taxal / Maxadala			Div	
	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: 7 (c)

Description: Metal Structure Accessories (Fire Escape)

Quantity: 1.00
Output per hour: 1.00

				Unit:	l.s.
Α.	Designation of Personnel	No. of	No. of	Hourly	Amount
	Designation of Fersonner	Person	Hours	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		-
	Cub Total (I about			Dha	
	Sub-Total (Labor)	No. of	No. of	Php Hourly	-
В.	Name / Capacity (Equipment)	Units	Hours	Rate	Amount
	Welding Machine	1	60.00		
	Cutting Outfit	1	120.00		
	H - Frame 1.7m x 1.2m	12	120.00		
	Sub-Total (Equipment)		1	Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	G.I. Pipe, 4"Ø, Sch. 40	рс	8.00		
	G.I. Pipe 2"Ø Sch.40	рс	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□	рс	42.00		
	Anchor Bolt with Nuts and Washer, 12mmØ x 50mm x 300mm	рс	28.00		
	Plain Round Bar 12mmØ x 6m	рс	1.00		
	C 8x13 (Stringer)	kg	1,141.67		
	Checkered Plate	kg	62.80		
	Steel Plate 1.20m x 2.40m x 10mm thk	рс	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		
	Sub-Total (Materials)			Php	
	Sub-Total (Materials)			Lub	

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: 8 (a)

Description: Removal of Metal Roofing (Gutter)

Quantity: 12.00
Output per hour: 1.000

				Unit:	m
Α.	Designation of Personnel	No. of	No. of	Hourly	Amount
Λ.	Designation of Personner	Person	Hours	Rate	Amount
	Construction Foreman	1	12.00		-
	Skilled Laborer	1	12.00		-
	Unskilled Laborer	2	12.00		-
	Sub-Total (Labor)			Php	-
В.	Name (Compaits (Fausiam ant)	No. of	No. of	Hourly	Amount
Б.	Name / Capacity (Equipment)	Units	Hours	Rate	Amount
	Electric Hand Drill	2	13.20		
	H - Frame 1.7m x 1.2m	2	13.20		
	Sub-Total (Equipment)	•	•	Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit	Amount
C.	Name / Specification (Materials)	l oill	Quantity	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)	
Н.	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: 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	No. of	Hourly	Amount
	Dodgianon or Forestine.	Person	Hours	Rate	Amount
	Construction Foreman	1	1.41		-
	Skilled Laborer	1	1.41		-
	Unskilled Laborer	2	1.41		-
	Sub-Total (Labor)			Php	-
В.	Name / Capacity (Equipment)	No. of	No. of	Hourly	Amount
ъ.	Name / Capacity (Equipment)	Units	Hours	Rate	Amount
	Electric Hand Drill	2	1.41		
	H - Frame 1.7m x 1.2m	2 2	1.41		
	H - Frame 1.7m x 1.2m	2	1.41		
	Sub-Total (Equipment)			Php	_
C.	Name / Specification (Materials)	Unit	Quantity	Unit	Amount
С .	Name / Specification (Materials)	Offic	Quantity	Cost	Amount
	Sub-Total (Materials)	1	<u> </u>	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: 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

Α.	Designation of Personnel	No. of	No. of	Hourly	Amount
_ ^	Designation of Forestine.	Person	Hours	Rate	Amount
	Construction Foreman	1	6.20		
	Skilled Laborer	1	6.20		
	Unskilled Laborer	2	6.20		
	Sub-Total (Labor)			Php	
	N	No. of	No. of	Hourly	
В.	Name / Capacity (Equipment)	Units	Hours	Rate	Amount
	Sub-Total (Equipment)			Php	-
C.	Name / Charification (Materials)	Unit	Oversity	Unit	Amount
C.	Name / Specification (Materials)	Unit	Quantity	Cost	Amount
	Teckscrew 2-3/4"	162.00	162.00		
	Roof Sealant	2.00	2.00		
	Troof Sealant	2.00	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 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

		Onit. Sq.m			
Α.	Designation of Personnel	No. of	No. of	Hourly	Amount
		Person	Hours	Rate	
	Construction Foreman	1	6.20		_
	Skilled Laborer	1	6.20		-
	Unskilled Laborer	2	6.20		-
	Sub-Total (Labor)	<u> </u>		Php	-
В.	Name / Canacity (Equipment)	No. of	No. of	Hourly	Amount
В.	Name / Capacity (Equipment)	Units	Hours	Rate	Amount
	Sub-Total (Equipment)			Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit	Amount
<u> </u>	rtaine / opcomodion (materials)	O.I.I.	quantity	Cost	Amount
	Teckscrew 2-3/4"	рс	162.00		
	Roof Sealant	L	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	-
	DEDARTMEN	NT OF FOLICAT	TION		A SALL



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



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 Skilled Laborer Unskilled Laborer	1 1 2	1.02 1.02 1.02		- - -
	Sub-Total (Labor)	No. of	No. of	Php Hourly	-
В.	Name / Capacity (Equipment)	Units	Hours	Rate	Amount
	H - Frame 1.7m x 1.2m	4.00	1.02		-
	Sub-Total (Equipment)			Php	_
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Gutter, Preformed, Pre-Painted, 0.915m x 2.440m x 0.5mm thk Blind Rivets	pc pc	5.00 120.00		-
	<u> </u> Sub-Total (Materials)	<u> </u>		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: 10 (a)

Description: Conduit, Boxes and Fitting

Quantity: 1.00
Output per hour: 1.00

Unit: Ls No. of Hourly No. of A. **Designation of Personnel** Amount Person Hours Rate Construction Foreman 1 16.00 Skilled Laborer 1 Unskilled Laborer 2 16.00 Php Sub-Total (Labor) No. of No. of Hourly В. Name / Capacity (Equipment) Amount Units Hours Rate Sub-Total (Equipment) Php Unit C. Name / Specification (Materials) Unit Quantity Amount Cost Electrical Conduit uPVC, 15mmØ 34.00 рс RSC 20mmØ 1.00 рс Service Entrance Cap 3" (Diecast Aluminum) рс 2.00 Sub-Total (Materials) Php Direct Cost (A+B+C) Php Overhead, Contingencies and Miscellaneous (OCM) 12% of D. 10% of D. Contractor's Profit 5% of (D+E+F) G. Value Added Tax (VAT) Adjusted Total Cost (D+E+F+G) Php 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: 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 Rate					Unit:	Ls
Construction Foreman	Δ	Designation of Personnel	No. of	No. of	Hourly	Amount
Skilled Laborer	Α.	Designation of Fersonner	Person	Hours	Rate	Amount
Skilled Laborer						
Unskilled Laborer 2 8.00 -		Construction Foreman	1	8.00		-
Sub-Total (Labor)		Skilled Laborer	1	8.00		-
B. Name / Capacity (Equipment) Sub-Total (Equipment) C. Name / Specification (Materials) No. of Units No. of Hourly Rate Php - C. Name / Specification (Materials) Nith Quantity NEMA Type 4 Single-Door Electrical Enclosures 1200A, 3P Molded Case Circuit Breaker Rubber Tape Duct Seal Marine Epoxy Sub-Total (Materials) Sub-Total (Materials) Php D. Direct Cost (A+B+C) E. Overhead, Contingencies and Miscellaneous (OCM) F. Contractor's Profit Cost New - Hourly Rate Amount Php - - - - - - - - - - - - -		Unskilled Laborer	2	8.00		-
B. Name / Capacity (Equipment) Sub-Total (Equipment) C. Name / Specification (Materials) No. of Units No. of Hourly Rate Php - C. Name / Specification (Materials) Nith Quantity NEMA Type 4 Single-Door Electrical Enclosures 1200A, 3P Molded Case Circuit Breaker Rubber Tape Duct Seal Marine Epoxy Sub-Total (Materials) Sub-Total (Materials) Php D. Direct Cost (A+B+C) E. Overhead, Contingencies and Miscellaneous (OCM) F. Contractor's Profit Cost New - Hourly Rate Amount Php - - - - - - - - - - - - -						
B. Name / Capacity (Equipment) Sub-Total (Equipment) C. Name / Specification (Materials) No. of Units No. of Hourly Rate Php - C. Name / Specification (Materials) Nith Quantity NEMA Type 4 Single-Door Electrical Enclosures 1200A, 3P Molded Case Circuit Breaker Rubber Tape Duct Seal Marine Epoxy Sub-Total (Materials) Sub-Total (Materials) Php D. Direct Cost (A+B+C) E. Overhead, Contingencies and Miscellaneous (OCM) F. Contractor's Profit Cost New - Hourly Rate Amount Php - - - - - - - - - - - - -						
B. Name / Capacity (Equipment) Units Hours Rate Sub-Total (Equipment) C. Name / Specification (Materials) NEMA Type 4 Single-Door Electrical Enclosures 1200A, 3P Molded Case Circuit Breaker set 1.00 Rubber Tape Duct Seal Marine Epoxy Sub-Total (Materials) Sub-Total (Materials) Php D. Direct Cost (A+B+C) E. Overhead, Contingencies and Miscellaneous (OCM) F. Contractor's Profit 10% of D. G. Value Added Tax (VAT) H. Adjusted Total Cost (D+E+F+G) Php Php F. Contractor's Profit 10% of D. F. Contractor's Profit 10% of D. F. Contractor's Profit 10% of D. Fhp Php Php Php Php Php Php Php		Sub-Total (Labor)	•		Php	-
Sub-Total (Equipment)	1	Name (Consolite (Foreign and)	No. of	No. of	Hourly	A 1
C. Name / Specification (Materials) NEMA Type 4 Single-Door Electrical Enclosures 1200A, 3P Molded Case Circuit Breaker Rubber Tape Duct Seal Marine Epoxy Sub-Total (Materials) E. Overhead, Contingencies and Miscellaneous (OCM) F. Contractor's Profit G. Value Added Tax (VAT) H. Adjusted Total Cost (D+E+F+G) Venture Sub Total (Materials) Unit Quantity Unit Cost 1.00 Amount Php 1.00 F. Cost 1.00 Php 1.00 Php 1.00 Initication Initi	В.	Name / Capacity (Equipment)	Units	Hours	Rate	Amount
C. Name / Specification (Materials) NEMA Type 4 Single-Door Electrical Enclosures 1200A, 3P Molded Case Circuit Breaker Rubber Tape Duct Seal Marine Epoxy Sub-Total (Materials) E. Overhead, Contingencies and Miscellaneous (OCM) F. Contractor's Profit G. Value Added Tax (VAT) H. Adjusted Total Cost (D+E+F+G) Venture Sub Total (Materials) Unit Quantity Unit Cost 1.00 Amount Php 1.00 F. Cost 1.00 Php 1.00 Php 1.00 Initication Initi						
C. Name / Specification (Materials) NEMA Type 4 Single-Door Electrical Enclosures 1200A, 3P Molded Case Circuit Breaker Rubber Tape Duct Seal Marine Epoxy Sub-Total (Materials) E. Overhead, Contingencies and Miscellaneous (OCM) F. Contractor's Profit G. Value Added Tax (VAT) H. Adjusted Total Cost (D+E+F+G) Venture Sub Total (Materials) Unit Quantity Unit Cost 1.00 Amount Php 1.00 F. Cost 1.00 Php 1.00 Php 1.00 Initication Initi						
C. Name / Specification (Materials) NEMA Type 4 Single-Door Electrical Enclosures 1200A, 3P Molded Case Circuit Breaker Rubber Tape Duct Seal Marine Epoxy Sub-Total (Materials) E. Overhead, Contingencies and Miscellaneous (OCM) F. Contractor's Profit G. Value Added Tax (VAT) H. Adjusted Total Cost (D+E+F+G) Venture Sub Total (Materials) Unit Quantity Unit Cost 1.00 Amount Php 1.00 F. Cost 1.00 Php 1.00 Php 1.00 Initication Initi						
C. Name / Specification (Materials) NEMA Type 4 Single-Door Electrical Enclosures 1200A, 3P Molded Case Circuit Breaker Rubber Tape Duct Seal Marine Epoxy Sub-Total (Materials) E. Overhead, Contingencies and Miscellaneous (OCM) F. Contractor's Profit G. Value Added Tax (VAT) H. Adjusted Total Cost (D+E+F+G) Venture Sub Total (Materials) Unit Quantity Unit Cost 1.00 Amount Php 1.00 F. Cost 1.00 Php 1.00 Php 1.00 Initication Initi						
C. Name / Specification (Materials) NEMA Type 4 Single-Door Electrical Enclosures 1200A, 3P Molded Case Circuit Breaker Rubber Tape Duct Seal Marine Epoxy Sub-Total (Materials) E. Overhead, Contingencies and Miscellaneous (OCM) F. Contractor's Profit G. Value Added Tax (VAT) H. Adjusted Total Cost (D+E+F+G) Venture Sub Total (Materials) Unit Quantity Unit Cost 1.00 Amount Php 1.00 F. Cost 1.00 Php 1.00 Php 1.00 Initication Initi						
NEMA Type 4 Single-Door Electrical Enclosures 1200A, 3P Molded Case Circuit Breaker Rubber Tape Duct Seal Marine Epoxy Sub-Total (Materials) E. Overhead, Contingencies and Miscellaneous (OCM) F. Contractor's Profit G. Value Added Tax (VAT) NEMA Type 4 Single-Door Electrical Enclosures Set 1.00		Sub-Total (Equipment)			Php	_
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 D. Direct Cost (A+B+C) Php	_	Name / Specification (Materials)	Unit	Quantity	Unit	Amount
1200A, 3P Molded Case Circuit Breaker Rubber Tape Set Sub-Total (Materials) D. Direct Cost (A+B+C) E. Overhead, Contingencies and Miscellaneous (OCM) F. Contractor's Profit G. Value Added Tax (VAT) H. Adjusted Total Cost (D+E+F+G) set 3.00 Set 2.00 Php 1200 Php	О.	Name / Specification (Materials)	Oilit	Quantity	Cost	Amount
1200A, 3P Molded Case Circuit Breaker Rubber Tape Set Sub-Total (Materials) D. Direct Cost (A+B+C) E. Overhead, Contingencies and Miscellaneous (OCM) F. Contractor's Profit G. Value Added Tax (VAT) H. Adjusted Total Cost (D+E+F+G) set 3.00 Set 2.00 Php 1200 Php						
Rubber Tape set 3.00 Duct Seal set 2.00 Marine Epoxy set 2.00 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		NEMA Type 4 Single-Door Electrical Enclosures	set	1.00		
Duct Seal set 2.00 Marine Epoxy 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		1200A, 3P Molded Case Circuit Breaker	set	1.00		
Marine Epoxy 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		Rubber Tape	set	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		Duct Seal	set	2.00		
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		Marine Epoxy	set	2.00		
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						
 E. Overhead, Contingencies and Miscellaneous (OCM) F. Contractor's Profit G. Value Added Tax (VAT) H. Adjusted Total Cost (D+E+F+G) 		Sub-Total (Materials)			Php	
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	D.	Direct Cost (A+B+C)			Php	
G. Value Added Tax (VAT) 5% of (D+E+F) H. Adjusted Total Cost (D+E+F+G) Php	E.	Overhead, Contingencies and Miscellaneous (OCM)			12% of D.	
H. Adjusted Total Cost (D+E+F+G) Php	F.	Contractor's Profit			10% of D.	
· · ·	G.	Value Added Tax (VAT)			5% of (D+E+F)	
I. Adjusted Unit Cost (H/Quantity) Php	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: 13 (c)

Description: Metal Painting (Stair)

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

				Unit:	sq.m	
Α.	Designation of Personnel	No. of	No. of	Hourly	Amount	
Λ.	Designation of Fersonner	Person	Hours	Rate	Amount	
	Construction Foreman	1	37.50		-	
	Skilled Laborer	2	37.50		-	
	Unskilled Laborer	1	37.50		-	
	Sub-Total (Labor)	1		Php	-	1
_		No. of	No. of	Hourly		
B.	Name / Capacity (Equipment)	Units	Hours	Rate	Amount	
						1
	Sub-Total (Equipment)			Php	-	1
				Unit		1
C.	Name / Specification (Materials)	Unit	Quantity	Cost	Amount	
						1
	Primer, Epoxy	gal	4.00			
	Paint Thinner	gal	1.00			
	T dirk Triminor	gai	1.00			
	Only Total (Matariala)			Div		4
	Sub-Total (Materials)			Php	-	-
D.	Direct Cost (A+B+C)			Php	-	١.,
<u>E.</u>	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%
Н.	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: 13 (c)

Description: Metal Painting (Fire Escape)

Quantity: 155.66
Output per hour: 2.00

Unit: sq.m

				Unit:	sq.m
Α.	Designation of Personnel	No. of	No. of	Hourly	Amount
A.	Designation of Personner	Person	Hours	Rate	Amount
	Construction Foreman	1	77.83		-
	Skilled Laborer	2	77.83		-
	Unskilled Laborer	1	77.83		_
	Unskilled Laborer		77.00		
	Official Ediborer				
	Sub-Total (Labor)			Php	_
_	11 10 11 15 1	No. of	No. of	Hourly	
В.	Name / Capacity (Equipment)	Units	Hours	Rate	Amount
		1			
	Sub-Total (Equipment)			Php	
		1		Unit	
C.	Name / Specification (Materials)	Unit	Quantity	Cost	Amount
				0031	
	Primer, Zinc Chromate	gal	8.00		_
	Enamel Paint	gal			-
		gal	8.00		-
	Paint Thinner	gal	4.00		-
	Sub-Total (Materials)			Php	-
D.	Direct Cost (A+B+C)			Php	-
=				12% of D.	-
E.	Overhead, Contingencies and Miscellaneous (OCM)				
F.	Overhead, Contingencies and Miscellaneous (OCM) Contractor's Profit			10% of D.	-
				10% of D. 5% of (D+E+F)	-
F.	Contractor's Profit		!		

13.11

13.09

PROGRAM OF WORKS

BILL OF QUANTITIES

CORODO 2024 - NCR - MUNTINLUPA CITY - 001

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

		%			Direc	t Cost	Adjusted	Adjusted
Item No.	Description	of	Unit	Quantity	Total Cost	Unit Cost	Unit	Total
		Total			10001000		Cost	Cost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
						(6) / (5)	(9) / (5)	
A.	Facilities for the Engineer							
A.1	Temporary Facilities		Month	2,5				
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	2.50				
C.	Mobilization and Demobilization							
C.1	Mobilization and Demobilization		Ls	1.00				
	Building 1							

		%			Direc	t Cost	Adjusted	Adjusted
Item No.	Description	of Total	Unit	Quantity	Total Cost	Unit Cost	Unit Cost	Total Cost
8.0000	Structural Steel Purlins							
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				
	Building 2							
5.0000	Masonry Works							
5 (c)	Masonry (150 mm CHB)		sq.m	1.90				
5 (d)	Plain Cement Plaster Finish		sq.m	1.90				
6.0000	Fabricated Materials and Hardware							
16 (i)	Tempered Glass with Tubular and Strat on Base w/ Cover Powder Coated Frame including accessories		sq m	2.64				
7.0000	Steel Works							
7 (b)	Removal of Steel Purlins		kg	160.00				
7 (1)	Metal Structure Accessories (Stair)		1.s.	1.00				
10.0000	Electrical Works							
10 (a)	Conduit, Boxes and Fitting		Ls	1.00				
10 (c)	Lighting Fixture/ Fixture		Ls	1.00				
11.0000	Plumbing Works							
13 (c)	Metal Painting (Stair)		sq. m.	75.00				
	Fire Escape for Building 2							
1.0000	Earthworks							
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	Concreting Works (3000 psi)							

		%			Direc	t Cost	Adjusted	Adjusted
Item No.	Description	of Total	Unit	Quantity	Total Cost	Unit Cost	Unit Cost	Total 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	Rebar Works							
3 (a)	Reinforcing Steel Bar, Grade 40		kg	55.34				
4.0000	Formworks							
4 (a)	Installation and Removal of Formworks		sq.m	1.92				
5.0000	Masonry Works							
5 (a)	Demolition of Masonry Wall		sq m	7.92				
5 (c)	mstanation and Kemovai of		sq.m	1.90				
	Finishing Works							
5 (d)	Plain Cement Plaster Finish		sq.m	6.27				
6.0000	Fabricated Materials and Hardware							
6 (f)	Frames (Jambs, Sill, Head, Transoms, and Mullions)		set	3.00				
6 (h)	Steel Door		sq.m	8.32				
7.0000	Steel Works							
7 (k)	Metal Structure Accessories (Fire Escape)		1.s.	1.00				
13.0000	Painting Works							
13 (c)	Metal Painting		sq.m	155.66				
		100.00%			-	Total Con	struction Cost	-

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	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UP		VAT (5%)	TOTAL INDIRECT	ADJUSTED TOTAL	ADJUSTED UNIT
NO.					осм	PROFIT	%	VALUE	VIII (070)	COST	COST	COST
(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	2,5	Month									
B.	Other General Requirements											
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.	Mobilization and Demobilization											
C.1	Mobilization and Demobilization	1.00	Ls									
	Building 1											
8.0000	Roofing Works											
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 $0.427~\mathrm{BMT/}$ above $0.427~\mathrm{BMT}$	17.16	sq.m									
8 (d)	Fabricated Metal Roofing Accessory (Gutter)	12.00	m									
	Building 2											
5.0000	Masonry Works											
5 (c)	Masonry (150 mm CHB)	6.27	sq. m.									
5 (d)	Plain Cement Plaster Finish	6.27	sq. m.									
6.0000	Fabricated Materials and Hardwares											

ITEM	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UP		• VAT (5%)	TOTAL INDIRECT	ADJUSTED TOTAL	ADJUSTED UNIT
NO.		QUANTITI			осм	PROFIT	%	VALUE	VAI (576)	COST	COST	COST
16 (i)	Tempered Glass with Tubular and Strat on Base w/ Cover Powder Coated Frame including accessories	2.64	sq m									
7.0000	Steel Works											
7 (b)	Removal of Steel Purlins	160.00	kg									
7 (1)	Metal Structure Accessories (Stair)	1.00	1.s.									
10.0000	Electrical Works											
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	Painting Works											
13 (c)	Metal Painting	75.00	sq. m.									
	Fire Escape for Building 2											
1.0000	Earthworks											
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	Concreting Works (3000 psi)											
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	Rebar Works											
3 (a)	Reinforcing Steel Bar, Grade 40	55.34	kg									
4.0000	Formworks											
4 (a)	Installation and Removal of Formworks	1.92	sq.m									
5.0000	Masonry Works											
5 (a)	Demolition of Masonry Wall	7.92	sq m									
5 (c)	Masonry (150 mm CHB)	1.90	sq.m									
	Finishing Works											
5 (d)	Plain Cement Plaster Finish	6.27	sq.m									
6.0000	Fabricated Materials and Hardwares											
6 (f)	Frames (Jambs, Sill, Head, Transoms, and Mullions)	3.00	set									
6 (h)	Steel Door	8.32	sq.m				_					
7.0000	Steel Works											
7 (i)	Metal Structure Accessories (Fire Escape)	1.00	1.s.									
13.0000	Painting Works											

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UP		VAT (5%)	TOTAL INDIRECT	ADJUSTED TOTAL	ADJUSTED UNIT
					осм	PROFIT	%	VALUE	VAI (576)	COST	COST	COST
13 (c)	Metal Painting	155.66	sq.m									
	TOTAL CONSTRUCTION COST										-	

Prepared by:

Contractor's Representative