



PROGRAM OF WORKS

BILL OF QUANTITIES

ELEC 2024 - REGION X- EL SALVADOR CITY - 001

School	: Himaya National High School			Date:							
School I.D	: 304768			Budget Allo	cation:			-			
Region	: 10			Engineering and Administrative Overhead: 0.							
Division	: El Salvador City			Approved Budget for the Contract:							
2.11.0.0	:Electrification of un-energized school and Modernization of e	lectrical sys	tem of on	r.pp.orou z	augorio, alo com						
Project Title	grid school	•		Completion	Period:	120.00					
				Minimum R	equired Manpower	:					
	Harmadian of Electrical Occitors (Harlamann d Occ			General F		Welder	Carr	penter			
	Upgrading of Electrical System (Underground System)	iem)		Helper		Mason	Pain				
Location	: Himaya, El Salvador City			Minimum R	equired Equipmen	t:					
				Hand Too	ols	Welding Machine					
				One-Bagg	ger Mixer	Bar Cutter					
		%			Direc	t Cost	Adjusted	Adjusted			
Item No.	Description	of	Unit	Quantity	Total Cost	Unit Cost	Unit	Total			
		Total			Total Cost	Ollit Cost	Cost	Cost			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)			
						(6) / (5)	(9) / (5)				
Α	Temporary Facilities of Engineer										
A.1	Temporary Facilities		Month	4.00							
В	Other General Requirements										
B.1	Fire Safety Inspection Certificate (FSIC)		lot	1.00							
SPL.1	Project Billboard / Signage		Each	1.00							
SPL.2	Construction Safety and Health		Month	4.00							
B.2	Security/ Bill Deposit		Ls	1.00							
С	Mobilization and Demobilization										
C.1	Mobilization and Demobilization		Ls	1.00							
1.0000	Earthworks										
1 (b)	Structural Excavation		cu m	80.00							
1 (c)	Backfilling of Excavated Materials		cu m	70.00							
10.0000	Electrical Works										
E 2 (a)	Service Entrance Concrete Pedestal		lot	1.00							
E 10 (a)	Primary Extension		set	1.00							
E 10 (b)	Distribution Poles		рс	1.00							
E 10 (c)	Distribution Transformer, Accessories and Assembly		unit	1.00							
E 10 (d)	Grounding Assembly		set	1.00							
E 10 (e)	Service Assembly		set	1.00							
E 10 (f)	Secondary Assembly		set	1.00							
E 10 (g)	Guy Assembly and Anchor Assembly		set	1.00		ļ					
E 10 (i)	Wires and Wiring Devices		Ls	1.00							
E 10 (j)	Panel Board and Circuit Protections		Ls	1.00							
E 10 (k)	Conduit Works, Boxes & Fittings		Ls	1.00		ļ					
E 10 (I)	Metering System		set	1.00		ļ					
E11	Handhole and ductbank works										
E 11 (a)	Handhole Works		set	6.00							
E 11 (b)	Duct Bank Works		lm	6.00							
E12	Flood light Installation works										
	Bracket Mounted LED Flood Light SOLAR 300 watts with 5 meter										
12.0002	wire, 1 year warranty years Warranty		set	22.00							
12.0002			361	22.00		 	1				
l			1			1					
					-	Tota	I Construction Cost	-			

Prepared by:
Contractor/Authorized Representative



EDUCATION FACILITIES DIVISION
DepEd Complex, Meralco Avenue, Pasig City



PROGRAM OF WORKS

DETAILED COST ESTIMATE

(TOTAL CONSTRUCTION COST/ ABC)
ELEC 2024 - REGION X- EL SALVADOR CITY - 001

PROJECT: Upgrading of Electrical System (Underground System)

SCHOOL: Himaya National High School LOCATION: Himaya, El Salvador City

OWNER: DEPARTMENT OF EDUCATION

CONTRACT DURATION: 120 CD

ITEM	DESCRIPTION	QUANTITY UNIT		ESTIMATED DIRECT	MARK-UPS IN PERCENT		TOTA	L MARK-UP	VAT (5%)	TOTAL INDIRECT	ADJUSTED TOTAL	ADJUSTED UNIT
NO.	DESCRIPTION	QUANTITI	ONII	COST	ОСМ	PROFIT	%	VALUE	VAI (376)	COST	COST	COST
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) (6) + (7)	(9) (5) x (8)	(10) 5% [(5) + (9)]	(11) (9) + (10)	(12) (5) + (11)	(13) (12) / (3)
Α	Temporary Facilities of Engineer											
A.1	Temporary Facilities	4.00	Month	-				-	-	-	-	-
В	Other General Requirements											
B.1	Fire Safety Inspection Certificate (FSIC)	1.00	lot	-					-	•		-
SPL.1	Project Billboard / Signage	1.00	Each	-				1	-	ı	-	-
SPL.2	Construction Safety and Health	4.00	Month	-				-	-	-	-	-
B.2	Security/ Bill Deposit	1.00	Ls	-				ı	-	•	ı	
С	Mobilization and Demobilization											
C.1	Mobilization and Demobilization	1.00	Ls	-				1	-	ı	-	-
1.0000	Earthworks											
1 (b)	Structural Excavation	80.00	cu m	-				1	-	1	1	-
1 (c)	Backfilling of Excavated Materials	70.00	cu m	-				ı	-	ı	ı	-
10.0000	Electrical Works											
E 2 (a)	Service Entrance Concrete Pedestal	1.00	lot	-				-	-	-	-	-
E 10 (a)	Primary Extension	1.00	set	-				-	-	-	-	-
E 10 (b)	Distribution Poles	1.00	рс	-				-	-	ı	-	-
E 10 (c)	Distribution Transformer, Accessories and Assembly	1.00	unit	-				1	-	ı	-	-
E 10 (d)	Grounding Assembly	1.00	set	-				-	-	ı	-	-
E 10 (e)	Service Assembly	1.00	set	-				-	-	1	1	-
E 10 (f)	Secondary Assembly	1.00	set	-				ı	-	ı	-	-
E 10 (g)	Guy Assembly and Anchor Assembly	1.00	set	-				-	-	-	-	-
E 10 (i)	Wires and Wiring Devices	1.00	Ls	-				1	-	-	1	-

ITEM	DESCRIPTION	QUANTITY		ESTIMATED DIRECT		MARK-UPS IN PERCENT		L MARK-UP	VAT (5%)	TOTAL INDIRECT	ADJUSTED TOTAL	ADJUSTED UNIT
NO.	BESSKII NON	QOANTIT!		COST	ОСМ	PROFIT	%	VALUE	VAI (070)	COST	COST	COST
E 10 (j)	Panel Board and Circuit Protections	1.00	Ls	-				-	-	-	-	-
E 10 (k)	Conduit Works, Boxes & Fittings	1.00	Ls	-				-	-	-	-	-
E 10 (I)	Metering System	1.00	set	-				-	-	-	-	-
E11	Handhole and ductbank works											
E 11 (a)	Handhole Works	6.00	set	-				-	-	Ī	-	-
E 11 (b)	Duct Bank Works	6.00	lm	-				-	-	-	-	-
E12	Flood light Installation works											
	Bracket Mounted LED Floodlight SOLAR 300 watts with 5 meter wire, 1 year warranty years Warranty	22.00	set	-				-	-	ı	-	-
	TOTAL CONSTRUCTION COST			-							-	

Prepared by:
Contractor/Authorized Representative





DETAILED UNIT PRICE ANALYSIS

Project: Upgrading of Electrical System (Underground System)

Location: Himaya, El Salvador City

Item: A.1

Description: Temporary Facilities

Quantity: 4.00 Output: 1.00 Unit: Month

				Unit:	Month			
A.	Designation of Personnel	No. of	No. of	Hourly	Amount			
		Person	Hours	Rate				
	L Sub-Total (Labor)			Php				
		No. of	No. of	Hourly	<u> </u>			
В.	Name / Capacity (Equipment)	Units	Hours	Rate	Amount			
	Sub-Total (Equipment)	1 1		Php	-			
C.	Name / Specification (Materials)	Unit	Quantity	Unit	Amount			
				Cost				
	Rental of Office/ Storage House (including light and							
1	water)	Month	4.00					
	mator)							
	Sub-Total (Materials) Php							
D.	Direct Cost (A+B+C)			Php	-			
E.	Overhead Continuous and Misseller and (Com)			0% of D.				
	Overhead, Contingencies and Miscellaneous (Ocm)							
F.	Contractor's Profit			10% of D.	-			
F. G.	Contractor's Profit Value Added Tax (VAT)			10% of D. 5% of (D+E+F)	-			
	Contractor's Profit							





DETAILED UNIT PRICE ANALYSIS

Project: Upgrading of Electrical System (Underground System)

Location: Himaya, El Salvador 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
	Skilled Laborer	1	40.00		
	Sub-Total (Labor)			Php	
		No. of	No. of	Hourly	-
B.	Name / Capacity (Equipment)	Units	Hours	Rate	Amount
	Sub-Total (Equipment)			Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit	Amount
-				Cost	
	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)	-
Н.	Adjusted Total Cost (D+E+F+G)			Php	-
I.	Adjusted Unit Cost (H/Quantity)			Php	-





DETAILED UNIT PRICE ANALYSIS

Project: Upgrading of Electrical System (Underground System)

Location: Himaya, El Salvador City

Item: SPL.1

Description: Project Billboard

Quantity: 1.00
Output: 1.00
Unit: Each

				Unit:	<u>Each</u>
A.	Designation of Personnel	No. of	No. of	Hourly	Amount
ζ.	Designation of Personner	Person	Hours	Rate	Amount
	Construction Foreman	1	4.00		
	Skilled Laborer	1	4.00		
	Unskilled Laborer	1	4.00		
	Sub-Total (Labor)			Php	-
В.	Name / Capacity (Equipment)	No. of	No. of	Hourly	Amount
		Units	Hours	Rate	
	Sub-Total (Equipment)			Php	-
C.		1124	0	Unit	Amanunt
C.	Name / Specification (Materials)	Unit	Quantity	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		
				F.	
D.	Sub-Total (Materials)			Php	-
<u>р.</u> Е.	Direct Cost (A+B+C) Overhead,Contingencies and Miscellaneous (Ocm)			Php 12% of D.	<u>-</u>
F.	Contractor's Profit			12% 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	-



EDUCATION FACILITIES DIVISION
DepEd Complex, Meralco Avenue, Pasig City



DETAILED UNIT PRICE ANALYSIS

Project:

Upgrading of Electrical System (Underground System)

Location: Himaya, El Salvador City

Item: SPL.2

Description: Construction Safety and Health

Quantity: 4.00
Output: 1.00
Unit: Month

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



EDUCATION FACILITIES DIVISION
DepEd Complex, Meralco Avenue, Pasig City



DETAILED UNIT PRICE ANALYSIS

Project: Upgrading of Electrical System (Underground System)

Location: Himaya, El Salvador City

Item: B.2

Description: Security/ Bill Deposit

Quantity: 1.00
Output: 1.00
Unit: Ls

				Onit.	
A.	Designation of Personnel	No. of	No. of	Hourly	Amount
	beorgination of the continue	Person	Hours	Rate	Alloun
	Sub-Total (Labor)			Php	-
_		No. of	No. of	Hourly	
B.	Name / Capacity (Equipment)	Units	Hours	Rate	Amount
	Sub-Total (Equipment)	1		Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit	Amount
C.	Name / Specification (Materials)	Onit	Quantity	Cost	Amount
	Security/ Bill Deposit	1	1.00		
	Sub-Total (Materials)	1		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.	l	5% of (D+E+F)	-		
	Value Added Tax (VAT)			, ,	
Н.	Value Added Tax (VAT) Adjusted Total Cost (D+E+F+G)			Php	-
H.					-





DETAILED UNIT PRICE ANALYSIS

Project: Upgrading of Electrical System (Underground System)

Location: Himaya, El Salvador 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 Hourly Rate Amount B. Name / Capacity (Equipment) No. of Units No. of Hourly Rate Amount B. Self Loading Truck and Accessories 1 24 Php - C. Name / Specification (Materials) Unit Quantity Unit Cost Amount C. Name / Specification (Materials) Unit Quantity Php - E. Overhead Contingencies and Miscellaneous (Ocm) 9% of D - - F. Contractor's Profit 9% of D - - G. Value Added Tax (VAT) 5% of (D+E+F) - H. Adjusted Unit Cost (H/Quantity) Php -					Unit:	Lo
Sub-Total (Labor)	A.	Designation of Personnel				Amount
B. Name / Capacity (Equipment) No. of Units No. of Hours Hourly Rate Amount Self Loading Truck and Accessories 1 24 Php - C. Name / Specification (Materials) Unit Quantity Unit Cost Amount 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 -						
B. Name / Capacity (Equipment) No. of Units No. of Hours Hourly Rate Amount Self Loading Truck and Accessories 1 24 Php - C. Name / Specification (Materials) Unit Quantity Unit Cost Amount 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 -						
B. Name / Capacity (Equipment) No. of Units No. of Hours Hourly Rate Amount Self Loading Truck and Accessories 1 24 Php - C. Name / Specification (Materials) Unit Quantity Unit Cost Amount 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 -						
B. Name / Capacity (Equipment) No. of Units No. of Hours Hourly Rate Amount Self Loading Truck and Accessories 1 24 Php - C. Name / Specification (Materials) Unit Quantity Unit Cost Amount 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 -						
B. Name / Capacity (Equipment) No. of Units No. of Hours Hourly Rate Amount Self Loading Truck and Accessories 1 24 Php - C. Name / Specification (Materials) Unit Quantity Unit Cost Amount 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 -						
B. Name / Capacity (Equipment) No. of Units No. of Hours Hourly Rate Amount Self Loading Truck and Accessories 1 24 Php - C. Name / Specification (Materials) Unit Quantity Unit Cost Amount 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 -						
B. Name / Capacity (Equipment) No. of Units No. of Hours Hourly Rate Amount Self Loading Truck and Accessories 1 24 Php - C. Name / Specification (Materials) Unit Quantity Unit Cost Amount 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 -		Sub-Total (Labor)			Pho	-
Self Loading Truck and Accessories			No. of	No. of		
Sub-Total (Equipment)	В.	Name / Capacity (Equipment)	Units	Hours		Amount
Sub-Total (Equipment)						
C. Name / Specification (Materials) Unit Quantity Unit Amount Description (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		Self Loading Truck and Accessories	1	24		
C. Name / Specification (Materials) Unit Quantity Unit Amount Description (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						
C. Name / Specification (Materials) Unit Quantity Unit Amount Description (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						
C. Name / Specification (Materials) Unit Quantity Unit Amount Description (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						
C. Name / Specification (Materials) Unit Quantity Unit Amount Description (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						
C. Name / Specification (Materials) Unit Quantity Unit Amount Description (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		Sub-Total (Equipment)			Pho	_
Name / Specification (Materials)				• • • • • • • • • • • • • • • • • • • •		
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	C.	Name / Specification (Materials)	Unit	Quantity		Amount
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						
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						
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						
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						
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						
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						
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		Sub-Total (Materials)	<u> </u>		Phn	_
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 -	D.	` ,				<u> </u>
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						
G. Value Added Tax (VAT) 5% of (D+E+F) - H. Adjusted Total Cost (D+E+F+G) Php -						
H. Adjusted Total Cost (D+E+F+G) Php -						-
						-
	I.					-



EDUCATION FACILITIES DIVISION
DepEd Complex, Meralco Avenue, Pasig City



DETAILED UNIT PRICE ANALYSIS

Project: Upgrading of Electrical System (Underground System)

Location: Himaya, El Salvador City

Item: 1 (b)

Description: Structural Excavation

Quantity: 80.00
Output per hour: 20.00

Unit: cu n

A. Designation of Personnel No. of Person No. of Hours Hourly Rate Amount Construction Foreman Unskilled Laborer 1 4.00 4.00 4.00 B. Name / Capacity (Equipment) No. of Units No. of Hourly Rate Amount Backhoe (0.80 cu.m.) Dump Truck (12 cu.yd.) 1 2.80 4.00 C. Name / Specification (Materials) Unit Quantity Unit Cost C. Name / Specification (Materials) Unit Quantity Unit Cost Amount 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 Unit Cost (H/Quantity) Php -					Unit:	cu m
Construction Foreman	^	Designation of Personnel	No. of	No. of	Hourly	Amount
Unskilled Laborer 3	Α.	Designation of Personner	Person	Hours	Rate	Amount
Unskilled Laborer 3						
Unskilled Laborer 3		Construction Foreman	1	4.00		
Sub-Total (Labor)		Unskilled Laborer		4 00		
B. Name / Capacity (Equipment) No. of Units No. of Hours Rate Amount		Choramod Educator	Ü	1.00		
B. Name / Capacity (Equipment) No. of Units No. of Hours Rate Amount						
B. Name / Capacity (Equipment) No. of Units No. of Hours Rate Amount						
B. Name / Capacity (Equipment) No. of Units No. of Hours Rate Amount		Sub Tatal (Labar)			Dha	
B. Name / Capacity (Equipment) Units Hours Rate		Sup-Total (Labor)	No. of	No of		-
Backhoe (0.80 cu.m.)	В.	Name / Capacity (Equipment)			-	Amount
Dump Truck (12 cu.yd.) 2 2.80			Units	Hours	Rate	
Dump Truck (12 cu.yd.) 2 2.80		,				
Sub-Total (Equipment)						
C. Name / Specification (Materials) Unit Quantity Unit Cost Amount 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 -		Dump Truck (12 cu.yd.)	2	2.80		
C. Name / Specification (Materials) Unit Quantity Unit Cost Amount 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 -						
C. Name / Specification (Materials) Unit Quantity Unit Cost Amount 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 -						
C. Name / Specification (Materials) Unit Quantity Cost Amount L 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 -		Sub-Total (Equipment)			Php	-
Cost Cost	_	Name / Specification (Materials)	Unit	Quantity	Unit	Amount
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 -	О.	Name / Specification (Materials)	Offic	Quantity	Cost	Amount
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 -						
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 -						
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 -						
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 -						
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 -						
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 -		Sub-Total (Materials)	<u> </u>		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 -	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 -		` '				-
H. Adjusted Total Cost (D+E+F+G) Php -	F.					-
H. Adjusted Total Cost (D+E+F+G) Php -	G.	Value Added Tax (VAT)			5% of (D+E+F)	-
	Н.				Php	-
	I.	Adjusted Unit Cost (H/Quantity)				-



EDUCATION FACILITIES DIVISION
DepEd Complex, Meralco Avenue, Pasig City



DETAILED UNIT PRICE ANALYSIS

Project: Upgrading of Electrical System (Underground System)

Location: Himaya, El Salvador City

Item: 1 (c)

Description: Backfilling of Excavated Materials

Quantity: 70.00 Output per hour: 9.84

Unit: cu n

A. Designation of Personnel No. of Person No. of Hourly Rate Construction Foreman Unskilled Laborer 1 7.11 B. Sub-Total (Labor) Php No. of Units No. of Hourly Rate Plate Compactor (5hp) Backhoe (0.80 cu.m.) 1 5.34 Backhoe (0.80 cu.m.) 1 5.34	Amount - Amount
Person Hours Rate) <u>-</u>
Unskilled Laborer 3 7.11	
Unskilled Laborer 3 7.11	
Unskilled Laborer 3 7.11	
Sub-Total (Labor) Php	
B. Name / Capacity (Equipment) No. of Units No. of Hourly Hours Plate Compactor (5hp) 1 5.34	
B. Name / Capacity (Equipment) No. of Units No. of Hourly Rate Plate Compactor (5hp) 1 5.34	
B. Name / Capacity (Equipment) No. of Units No. of Hourly Hours Plate Compactor (5hp) 1 5.34	Amount
B. Name / Capacity (Equipment) Units Hours Rate Plate Compactor (5hp) 1 5.34	Amount
Plate Compactor (5hp) 1 5.34	
	
Backhoe (0.00 cu.iii.) 5.34	
Sub-Total (Equipment) Php	-
C. Name / Specification (Materials) Unit Quantity Unit	Amount
Cost	, and an
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	



EDUCATION FACILITIES DIVISION
DepEd Complex, Meralco Avenue, Pasig City



DETAILED UNIT PRICE ANALYSIS

Project: Upgrading of Electrical System (Underground System)

Location: Himaya, El Salvador City

Item: E 2 (a)

Description: Service Entrance Concrete Pedestal

Quantity: 1.00
Output: 1.00
Unit: lot

	Oint.				
A.	Designation of Personnel	No. of	No. of	Hourly	Amount
		Person	Hours	Rate	
	Construction Foreman	1	40.00		
	Skilled Laborer	1	40.00		
	Unskilled Laborer	2	40.00		
	Sub-Total (Labor)			Php	-
В.	Nome / Conseity /Equipment)	No. of	No. of	Hourly	Amount
ъ.	Name / Capacity (Equipment)	Units	Hours	Rate	Amount
	mini backhoe	1	8.00		
	concrete mixer	1	24.00		
	Sub-Total (Equipment)			Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit	Amount
	. ,		,	Cost	
		_			
	Service Entrance Concrete Pedestal	unit	1.00		
	Sub-Total (Materials)			Php	-
	Direct Cost (A+B+C)			Php	-
	Overhead, Contingencies and Miscellaneous (OCM)			12% of D.	-
	Contractor's Profit			10% of D.	-
				E0/ of /D.E.E)	_
G.	Value Added Tax (VAT)			5% of (D+E+F)	
Н.	Value Added Tax (VAT) Adjusted Total Cost (D+E+F+G) Adjusted Unit Cost (H/Quantity)			Php Php	•



EDUCATION FACILITIES DIVISION
DepEd Complex, Meralco Avenue, Pasig City



DETAILED UNIT PRICE ANALYSIS

Project: Upgrading of Electrical System (Underground System)

Location: Himaya, El Salvador City

Item: E 10 (a)

Description: Primary Extension

Quantity: 1.00
Output: 1.00
Unit: set

	Unit: se				
Α.	Designation of Personnel	No. of	No. of	Hourly	Amount
Α.	Designation of Personnel	Person	Hours	Rate	Alliount
	Construction Foreman	1	16.00		
	Skilled Laborer	2	16.00		
	Unskilled Laborer	2	16.00		
	Sub-Total (Labor)			Php	
	oub-rotal (Labor)	No. of	No. of	Hourly	
В.	Name / Capacity (Equipment)	Units	Hours	Rate	Amount
	Boom Truck	1	8.00	Nate	
			8.00		
	Bucket Truck	1	8.00		
	Hole Digger	1			
	Cable Puller/Tensioner	1	8.00		
	Sub-Total (Equipment)			Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit	Amount
<u> </u>	riamo / oposition (maiorialo)		Quantity	Cost	, anount
	Bolt, Oval Eye 5/8" X 12", Hot Dip Galvanized, Forged	рс	1		
	Bolt, Single Upset 5/8" X 10", Hot Dip Galvanized, Forged	рс	1		
	Bolt, Thimble Eye 5/8" X 10", Angle Type, HDG, Forged	рс	2		
	Clamp, Hotline, #2 - #4/0 ACSR	рс	2		
	Clamp, Loop Dead-end, #6 to #2/0 ACSR	рс	2		
	Clevis, Secondary Swinging Without Spool, Hot Dip Galvanized	рс	1		
	Conductor, Bare, ACSR #2, AWG 6/1	mtrs	30		
	Conductor, Bare, ACSR #1/0, AWG 6/1	mtrs			
	Fuse Cut-out & Arrester Combination, 15KV, Class 200	рс	2		
	Insulator, Pin Type, Polymer, ANSI, Class 55-3	рс			
	Insulator, Spool, 3", ANSI, Class 53-4	рс	2		
	Insulator, Suspension, 4 shed, Polymer,15KV	рс	2		
	Nut, Eye, 5/8", Conventional, Hot Dip Galvanized	•	2		
	Washer, Square, Flat, 2-1/4" X 2-1/4" X 3/16"	pc	6		
	Washer, Square, Flat, 4" X 4" X 1/2"	рс			
	• • • •	pc pc	4		
	Wire, Grounding, Galvanized, 3 Strand, 5/16" Dia.	ft	50		
	Wire, Tape, Armor, Aluminum Alloy, 0.5" X 0.3"	рс			
	Wire, Tie, Aluminum Alloy, Soft, #4 AWG	рс			
	Sub-Total (Materials)			Php	-
D.	Direct Cost (A+B+C)			Php	
E.					
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	-



EDUCATION FACILITIES DIVISION DepEd Complex, Meralco Avenue, Pasig City



DETAILED UNIT PRICE ANALYSIS

Upgrading of Electrical System (Underground System) Project:

Location: Himaya, El Salvador City

Item: E 10 (b)

Description: **Distribution Poles**

> Quantity: 1.00 Output per hour: 0.25

				Unit:	рс
Α.	Designation of Personnel	No. of	No. of	Hourly	Amount
Α.	Designation of Personner	Person	Hours	Rate	Amount
	Construction Foreman	1	4.00		
	Skilled Laborer	2	4.00		
	Unskilled Laborer	2	4.00		
		_			
	Sub-Total (Labor)			Php	
		No. of	No. of	Hourly	
В.	Name / Capacity (Equipment)	Units	Hours	Rate	Amount
	Boom Truck	1	4.00	11010	
	Hole Digger	1	4.00		
	Tible Digger	'	4.00		
	Sub-Total (Equipment)			Php	-
				Unit	
C.	Name / Specification (Materials)	Unit	Quantity	Cost	Amount
	Pole, Steel, 40', Bare-3.5 mm, 86 Micron, 1500 kgs				
	(Minimum Load Break)	рс	1.00		
	, , , , , , , , , , , , , , , , , , ,				
	Pole, Steel, 35', Bare-3.0 mm, 86 Micron, 500 kgs	рс			
	(Minimum Load Break)				
	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	-



EDUCATION FACILITIES DIVISION
DepEd Complex, Meralco Avenue, Pasig City



DETAILED UNIT PRICE ANALYSIS

Project: Upgrading of Electrical System (Underground System)

Location: Himaya, El Salvador City

Item: E 10 (c)

Description: Distribution Transformer, Accessories and Assembly

Quantity: 1.00
Output per hour: 0.13

Unit: unit

	Unit.				
A.	Designation of Personnel	No. of Person	No. of	Hourly	Amount
		Person	Hours	Rate	
	Construction Foreman	1	8.00		
	Skilled Laborer	2	8.00		
	Unskilled Laborer	2	8.00		
	Sub-Total (Labor)			Php	-
В.	Name / Conscitu / Equipment)	No. of	No. of	Hourly	Amarint
Б.	Name / Capacity (Equipment)	Units	Hours	Rate	Amount
	Boom Truck	1	8.00		
	Bucket Truck	1	8.00		
	Sub-Total (Equipment)			Php	-
C.	Name / Constitution (Materials)	Unit	Overetites	Unit	Amazunt
C.	Name / Specification (Materials)	Unit	Quantity	Cost	Amount
	Transformer, Pole Type, Conventional, Amorphous,	no	1.00		
	50 KVA, Cu-Cu Winding	рс	1.00		
	Clamp, Pole, Single Support	set	2.00		
	Fuse Cut-out & Arrester Combination, 15KV, Class	set	1.00		
	200				
	Wire, Grounding, Aluminum Alloy, #4 AWG	ft	6.00		
	Sub-Total (Materials)			Php	-
D.	Direct Cost (A+B+C)			Php	-
	Overhead, Contingencies and Miscellaneous (OCM)			12% of D.	-
	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	-



EDUCATION FACILITIES DIVISION
DepEd Complex, Meralco Avenue, Pasig City



DETAILED UNIT PRICE ANALYSIS

Project: Upgrading of Electrical System (Underground System)

Location: Himaya, El Salvador City

Item: E 10 (d)

Description: Grounding Assembly

Quantity: 1.00
Output: 1.00
Unit: set

	Unit:				
A.	Designation of Personnel	No. of	No. of	Hourly	Amount
Α.	Designation of 1 croomies	Person	Hours	Rate	Amount
	Construction Foreman	1	1.00		
	Skilled Laborer	1	1.00		
	Unskilled Laborer	1	1.00		
	Sub-Total (Labor)			Php	-
В.	Name / Capacity (Equipment)	No. of	No. of	Hourly	Amount
В.	Name / Capacity (Equipment)	Units	Hours	Rate	Amount
	Sub-Total (Equipment)		<u> </u>	Php	-
				Unit	
C.	Name / Specification (Materials)	Unit	Quantity	Cost	Amount
	Conductor, Bare, ACSR #2, AWG 6/1	m	50.00		
	Connector, Compression, YHO 125, Run #6 - #1/0 -				
	Tap #6 - #2	рс	1.00		
	Connector, Ground Rod Clamp, 5/8"	рс	4.00		
	•	P.0	1.00		
	Rod, Ground Steel, Galvanized, 5/8" X 10', Hot Dip Galvanized	рс	1.00		
	Staple, Ground wire, 1/2" X 2"	lbs	1.00		
	otapio, Giodila Willo, 1/2 // 2	ibs	1.00		
	Sub-Total (Materials)			Php	-
D.	Direct Cost (A+B+C)			Php	-
	Overhead, Contingencies and Miscellaneous (OCM)			12% of D.	-
	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	-



EDUCATION FACILITIES DIVISION
DepEd Complex, Meralco Avenue, Pasig City



DETAILED UNIT PRICE ANALYSIS

Project: Upgrading of Electrical System (Underground System)

Location: Himaya, El Salvador City

Item: E 10 (e)

Description: Service Assembly

Quantity: 1.00
Output per hour: 0.25

Unit: set

A. Designation of Personnel No. of Person Hours Rate Amount					Unit:	201
Construction Foreman	Δ	Designation of Personnel	No. of	No. of	Hourly	Amount
Skilled Laborer	7	2001g.idi.idi.idi.idi.idi.idi.idi.idi.idi.id	Person	Hours	Rate	711104111
Skilled Laborer						
Unskilled Laborer		Construction Foreman	1	4.00		
Sub-Total (Labor)		Skilled Laborer	1	4.00		
No. of Units No. of Hours Rate Amount		Unskilled Laborer	1	4.00		
No. of Units No. of Hours Rate Amount						
B. Name / Capacity (Equipment) Units Hours Rate Amount		Sub-Total (Labor)			Php	-
Sub-Total (Equipment)		Name / Canadity (Equipment)	No. of	No. of	Hourly	Amount
C. Name / Specification (Materials) Unit Quantity Unit Cost Amount Connector, Wedge Type, #6 - #6 ACSR pc 1.00 1.00 Insulator, Spool, 1-3/4", ANSI, Class 53-2 pc 1.00 Wire, Holder, Service, #22 X 2-1/2", Wood Screw pc 1.00 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 -	В.	Name / Capacity (Equipment)	Units	Hours	Rate	Amount
C. Name / Specification (Materials) Unit Quantity Unit Cost Amount Connector, Wedge Type, #6 - #6 ACSR pc 1.00 1.00 Insulator, Spool, 1-3/4", ANSI, Class 53-2 pc 1.00 Wire, Holder, Service, #22 X 2-1/2", Wood Screw pc 1.00 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 -						
C. Name / Specification (Materials) Unit Quantity Unit Cost Amount Connector, Wedge Type, #6 - #6 ACSR pc 1.00 1.00 Insulator, Spool, 1-3/4", ANSI, Class 53-2 pc 1.00 Wire, Holder, Service, #22 X 2-1/2", Wood Screw pc 1.00 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 -						
C. Name / Specification (Materials) Unit Quantity Unit Cost Amount Connector, Wedge Type, #6 - #6 ACSR pc 1.00 1.00 Insulator, Spool, 1-3/4", ANSI, Class 53-2 pc 1.00 Wire, Holder, Service, #22 X 2-1/2", Wood Screw pc 1.00 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 -						
C. Name / Specification (Materials) Unit Quantity Unit Cost Amount Connector, Wedge Type, #6 - #6 ACSR pc 1.00 1.00 Insulator, Spool, 1-3/4", ANSI, Class 53-2 pc 1.00 Wire, Holder, Service, #22 X 2-1/2", Wood Screw pc 1.00 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 -						
C. Name / Specification (Materials) Unit Quantity Unit Cost Amount Connector, Wedge Type, #6 - #6 ACSR pc 1.00 1.00 Insulator, Spool, 1-3/4", ANSI, Class 53-2 pc 1.00 Wire, Holder, Service, #22 X 2-1/2", Wood Screw pc 1.00 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 -						
C. Name / Specification (Materials) Unit Quantity Unit Cost Amount Connector, Wedge Type, #6 - #6 ACSR pc 1.00 1.00 Insulator, Spool, 1-3/4", ANSI, Class 53-2 pc 1.00 Wire, Holder, Service, #22 X 2-1/2", Wood Screw pc 1.00 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 -		Sub-Total (Equipment)			Php	-
Connector, Wedge Type, #6 - #6 ACSR pc 1.00 Insulator, Spool, 1-3/4", ANSI, Class 53-2 pc 1.00 Wire, Holder, Service, #22 X 2-1/2", Wood Screw pc 1.00 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 -		Name / Consideration (Materials)	l lmit	Overetites	Unit	A
Insulator, Spool, 1-3/4", ANSI, Class 53-2	C.	Name / Specification (Materials)	Unit	Quantity	Cost	Amount
Insulator, Spool, 1-3/4", ANSI, Class 53-2 pc 1.00 Wire, Holder, Service, #22 X 2-1/2", Wood Screw pc 1.00 Php -						
Insulator, Spool, 1-3/4", ANSI, Class 53-2 pc 1.00 Wire, Holder, Service, #22 X 2-1/2", Wood Screw pc 1.00 Php -		Commenter Working Time #C #C ACCD		4.00		
Wire, Holder, Service, #22 X 2-1/2", Wood Screw pc 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 -		Connector, Wedge Type, #6 - #6 ACSR	рс	1.00		
Wire, Holder, Service, #22 X 2-1/2", Wood Screw pc 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 -		Insulator, Spool, 1-3/4", ANSI, Class 53-2	pc	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 -			"			
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 -		Wire, Holder, Service, #22 X 2-1/2", Wood Screw	рс	1.00		
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 -						
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 -						
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 -		Sub-Total (Materials)			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 -	D.	1				-
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.	` '				-
G. Value Added Tax (VAT) 5% of (D+E+F) - H. Adjusted Total Cost (D+E+F+G) Php -	F.	. ,				-
H. Adjusted Total Cost (D+E+F+G) Php -	G.	Value Added Tax (VAT)				-
I. Adjusted Unit Cost (H/Quantity) -	H.	Adjusted Total Cost (D+E+F+G)			Php	-



EDUCATION FACILITIES DIVISION
DepEd Complex, Meralco Avenue, Pasig City



DETAILED UNIT PRICE ANALYSIS

Project: Upgrading of Electrical System (Underground System)

Location: Himaya, El Salvador City

Item: E 10 (f)

Description: Secondary Assembly

Quantity: 1.00
Output per hour: 0.50

Unit: set

				Unit:	set
Α.	Designation of Personnel	No. of	No. of	Hourly	Amount
Α.	Designation of Fersonile	Person	Hours	Rate	Amount
	Construction Foreman	1	2.00		
	Skilled Laborer	1	2.00		
	Unskilled Laborer	1	2.00		
	Sub-Total (Labor)			Php	-
В.	Name / Capacity (Equipment)	No. of	No. of	Hourly	Amount
ъ.	Name / Sapacity (Equipment)	Units	Hours	Rate	Amount
	bucket truck	1	2.00		
	Sub-Total (Equipment)			Php	
	Oub-Total (Equipment)			Unit	
C.	Name / Specification (Materials)	Unit	Quantity	Cost	Amount
	Bolt, Double Upset 5/8" X 10", Hot Dip Galvanized, Forged	рс	1.00		
	Bolt, Single Upset 5/8" X 10", Hot Dip Galvanized, Forged	рс	1.00		
	Insulator, Spool, 1-3/4", ANSI, Class 53-2	pc	2.00		
	Nut, Lock, MF Type, 5/8"	pc	2.00		
	Washer, Square, Flat, 2-1/4" X 2-1/4" X 3/16"	рс	2.00		
	Wire, Grounding, Aluminum Alloy, #4 AWG	ft	8.00		
	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	-



EDUCATION FACILITIES DIVISION
DepEd Complex, Meralco Avenue, Pasig City



DETAILED UNIT PRICE ANALYSIS

Project : Upgrading of Electrical System (Underground System)

Location: Himaya, El Salvador City

Item: E 10 (g)

Description: Guy and Anchor Assembly

Quantity: 1.00
Output per hour: 0.50
Unit: set

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount	
	Construction Foreman	1	2.00			
	Skilled Laborer	1	2.00			
	Unskilled Laborer	2	2.00			
	Sub-Total (Labor)			Php	-	
В.	Name / Capacity (Equipment)	No. of	No. of	Hourly	Amount	
В.	маше / Сараску (Ефиритеть)	Units	Hours	Rate	Amount	
	Rachet	1	2.00			
	Hole Digger	1	2.00			
	Tiole Digge.		2.00			
	Sub-Total (Equipment)			Php	-	
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount	
	Anchor, Expanding, 8 - Ways, Hot Dip Galvanized	рс	1.00			
	Attachment, Guy, Malleable Type with 11/16" Hole Diameter	рс	1.00			
	Bolt, Machine 5/8" X 8'", Hot Dip Galvanized	рс	1.00			
	Clamp, Anchor Bonding. Single Eye Rod, 5/8"	pc	1.00			
	Clamp, Guy Straight, 3 Bolt, Heavy Duty Steel, Hot Dip Galvanized	рс	1.00			
	Connector, Compression, #2 - #4/0 ACSR Run To #6 - #2	рс	1.00			
	Nut, Lock, MF Type, 5/8"	рс	1.00			
	Rod, Anchor, Threaded, Single Eye, 5/8" X 7', Hot Dip Galvanized, Forged	рс	1.00			
	Washer, Square, Flat, 2-1/4" X 2-1/4" X 3/16"	рс	1.00			
	Wire, Grounding, Aluminum Alloy, #4 AWG	ft	1.00			
	Wire, Guy, Steel, 3/8", 7 Strand, High Strength	ft	50.00			
	Sub-Total (Materials)			Php		
D.	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	-	



EDUCATION FACILITIES DIVISION
DepEd Complex, Meralco Avenue, Pasig City



DETAILED UNIT PRICE ANALYSIS

Project: Upgrading of Electrical System (Underground System)

Location: Himaya, El Salvador City

Item: E 10 (k)

Description: Conduit, Boxes and Fitting

Quantity: 1.00
Output: 1.00
Unit: Ls

	Unit:				
Α.	Designation of Personnel	No. of	No. of	Hourly	Amount
Α.	Designation of Fersonner	Person	Hours	Rate	Amount
	Construction Foreman	1	64.00		
	Skilled Laborer	2	64.00		
	Unskilled Laborer	1	64.00		
	Sub-Total (Labor)			Php	-
В.	Name / Conscitu (Equipment)	No. of	No. of	Hourly	Amazzat
Б.	Name / Capacity (Equipment)	Units	Hours	Rate	Amount
	Sub-Total (Equipment)			Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
				COSt	
	SERVICE ENTRANCE CAP				
	Service Entrance Cap 1/2" (Diecast Aluminum)	рс			
	Service Entrance Cap 2" (Diecast Aluminum)	pc			
	Service Entrance Cap 3" (Diecast Aluminum)	pc			
	Service Entrance Cap 4" (Diecast Aluminum)	рс	1.00		
	, , , , , , , , , , , , , , , , , , , ,				
	RSC PIPE				
	25mmØ RSC Pipe	рс			
	50mmØ RSC Pipe	рс	10.00		
	80mmØ RSC Pipe	рс			
	100mmØ RSC Pipe	рс	10.00		
	PVC PIPE				
	25mmØ PVC Pipe	рс	55.00		
	50mmØ PVC Pipe	pc			
	80mmØ PVC Pipe	рс			
	100mmØ PVC Pipe	рс	130.00		
	OTHERS				
	Electrical Tape	рс	5.00		
	Rubber Electrical Tape	roll	5.00		
	Electrical Warning tape, RED "DANGER" Color	roll	3.00		
	Duct Seal	box	1.00		
	Duoi Geal	DOX	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	-



EDUCATION FACILITIES DIVISION
DepEd Complex, Meralco Avenue, Pasig City



DETAILED UNIT PRICE ANALYSIS

Project : Upgrading of Electrical System (Underground System)

Location: Himaya, El Salvador City

Item: E 10 (i)

Description: Wires and Wiring Devices

Quantity: 1.00
Output: 1.00

				Unit: 1	
		No. of	No. of	Hourly	_3
A.	Designation of Personnel	Person	Hours	-	Amount
		reison	nours	Rate	
	Construction Foreman	1	80.00		
	Skilled Laborer	2	80.00		
	Unskilled Laborer	1			
	Oriskilled Laborel	'	80.00		
	Sub-Total (Labor)	No. of		Php	-
B.	Name / Capacity (Equipment)	No. of Units	No. of	Hourly	Amount
		Offics	Hours	Rate	
	Sub-Total (Equipment)			Php	
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	125 mm² THHN/THWN-2 Wire Stranded	m	590.00		
	50 mm² THHN/THWN-2 Wire Stranded	m	330.00		
	14 mm² THHN/THWN-2 Wire Stranded	m	60.00		
	8.0 mm² THHN/THWN-2 Wire Stranded	m	00.00		
	5.5 mm² THHN/THWN-2 Wire Stranded				
	3.5 mm² THHN/THWN-2 Wire Stranded	m			
	3.5 mm* innivinviv-2 wife Stranged	m	300.00		
	GROUND WIRES				
	30 mm² THHN/THWN-2 Wire Stranded	m	295.00		
	14 mm² THHN/THWN-2 Wire Stranded	m	233.00		
	8.0 mm² THHN/THWN-2 Wire Stranded		20.40		
	5.5 mm² THHN/THWN-2 Wire Stranded	m	30.18		
		m			
	3.5 mm² THHN/THWN-2 Wire Stranded	m			
	100 mm² THHN/THWN-2 Wire Stranded	m			
	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	5% of (D+E+F)	
<u>H.</u>	Adjusted Total Cost (D+E+F+G)			Php	
l.	Adjusted Unit Cost (H/Quantity)			Php	



EDUCATION FACILITIES DIVISION
DepEd Complex, Meralco Avenue, Pasig City



DETAILED UNIT PRICE ANALYSIS

Project: Upgrading of Electrical System (Underground System)

Location: Himaya, El Salvador City

Item: E 10 (j)

Description: Panel Board and Circuit Protections

Quantity: 1.00
Output: 1.00
Unit: Ls

				Unit:	LS		
Α.	Designation of Personnel	No. of	No. of	Hourly	Amount		
۸.	Designation of 1 croomics	Person	Hours	Rate	Amount		
	Construction Foreman	1	40.00				
	Skilled Laborer	1	40.00				
	Unskilled Laborer	1	40.00				
	Sub-Total (Labor)			Php	-		
В.	Name / Capacity (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 Cost	Amount		
	Panel Box, Circuit Breaker and Grounding System						
	Panel Board						
	MAIN SWITCH BOARDS(MSB)	set	1.00				
	MAIN DISTRIBUTION BOARD(MBD)	set	1.00				
	DISTRIBUTION BOARD(DB)	set	2.00				
	LOAD CENTER(LC)	set					
	Circuit Breaker						
	200A, 2P Molded Case Circuit Breaker	рс	2.00				
	160A, 2P Molded Case Circuit Breaker	pc	3.00				
	125A, 2P Molded Case Circuit Breaker	pc	2.00				
	115A, 2P Molded Case Circuit Breaker	pc	3.00				
	Circuit Breaker, 60A 2P	рс	4.00				
	Circuit Breaker, 30A 2P	рс					
	Circuit Breaker, 20A 2P	рс	6.00				
	Grounding System						
	Grounding Rod, 2.4m x 16mm dia.	рс	4.00				
	Sub-Total (Materials)		I	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	-		



EDUCATION FACILITIES DIVISION DepEd Complex, Meralco Avenue, Pasig City



DETAILED UNIT PRICE ANALYSIS

Project : Upgrading of Electrical System (Underground System)

Location: Himaya, El Salvador City

Item: E 10 (I)

Description: **Metering System**

> Quantity: 1.00 Output per hour: 0.13

				Unit:	set	
A.	Designation of Personnel	No. of	No. of	Hourly	Amount	
Λ.	Designation of Fersonner	Person	Hours	Rate	Amount	
	Construction Foreman	1	8.00			
	Skilled Laborer	2	8.00			
	Unskilled Laborer	1	8.00			
	Sub-Total (Labor)	Ni c		-	Php -	
В.	Name / Capacity (Equipment)	No. of	No. of	Hourly	Amount	
		Units	Hours	Rate		
	Electric Buill	4	0.00			
	Electric Drill	1	8.00			
	Sub-Total (Equipment)			Php	_	
				Unit	•	
C.	Name / Specification (Materials)	Unit	Quantity	Cost	Amount	
	Meter, KWH, 1 Phase, Class 20, 240V, 2W, Form 3S, Electronic, Complete w/ TOU and Load Profiling	set	1.00			
	Meter Box, 10"X 14"X 18"	unit	1.00			
	Current Transformer 10/5 : 5, 15KV	unit	1.00			
	CT, Box, 10"X 14"X 18"	unit	1.00			
	Bracket, Secondary Without Spool	рс	4.00			
	Connector, Compression, #2 - #4/0 ACSR Run To #6 - #2	рс	9.00			
	Connector, Compression, #6 - #4 ACSR Run To 06 - #4	рс	9.00			
	Sub-Total (Materials)			Php	-	
D.						
E.	Overhead, Contingencies and Miscellaneous (OCM)	-				
F.	Contractor's Profit	-				
G.	Value Added Tax (VAT)	-				
Н.	Adjusted Total Cost (D+E+F+G)	-				
I.	Adjusted Unit Cost (H/Quantity)			Php	-	



EDUCATION FACILITIES DIVISION DepEd Complex, Meralco Avenue, Pasig City



DETAILED UNIT PRICE ANALYSIS

Project : Energization of Electrical System (Overhead System)

Location: Himaya, El Salvador City

Item: E 11 (a)

Description: Hand hole Works

Quantity: 6.00
Output per hour: 0.13

				Unit:	set
A.	Designation of Personnel	No. of	No. of	Hourly	Amount
A.		Person	Hours	Rate	Amount
	Construction Foreman	1	48.00		
	Skilled Laborer	1	48.00		
	Unskilled Laborer	3	48.00		
	Sub-Total (Labor)			Php	-
В.	Name / Capacity (Equipment)	No. of	No. of	Hourly	Amount
	Name / Sapacity (Equipment)	Units	Hours	Rate	Amount
	Mini Backhoe	1	6		
	One - bagger Mixer	1	48		
	Sub-Total (Equipment)			Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit	Amount
	у становительной при			Cost	
	Hand Holes, Type "A", Class Conrete Mixture with Gray	set	6.00		
	Color Outdoor Rubberized Concrete paint inside & outside	301	0.00		
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	-



EDUCATION FACILITIES DIVISION
DepEd Complex, Meralco Avenue, Pasig City



DETAILED UNIT PRICE ANALYSIS

Project: Energization of Electrical System (Overhead System)

Location: Himaya, El Salvador City

Item: E 11 (b)

Description: Duct Bank Works

Quantity: 6.00
Output per hour: 0.50
Unit: Im

	Unit:					
A.	Designation of Personnel	No. of No. of		Hourly	Amount	
		Person	Hours	Rate	Amount	
	Construction Foreman	1	12.00			
	Skilled Laborer	1	12.00			
	Unskilled Laborer	3	12.00			
			Ī			
	Sub-Total (Labor)			Php	-	
В.	Name / Capacity (Equipment)	No. of	No. of Hourly		· _	
		Units	Hours	Rate	Amount	
	Mini Backhoe	1	2			
	Concrete Mixer	1	2 2			
	Sub-Total (Equipment)			Php	-	
C.	Name / Specification (Materials)	Unit	Quantity	Unit	Amount	
	Name / Specification (Materials)	Onit	Offic Quantity	Cost	Amount	
	Reinforced Concrete Encased Duct Bank,	lm				
	310mm x 260mm (2-Way x 4" PVC Conduit)	1111	6.00			
Sub-Total (Materials) Php						
D.	Direct Cost (A+B+C) Php					
E.	Overhead, Contingencies and Miscellaneous (OCM) 12% of D.					
F.	Contractor's Profit 10% of D.					
G.	Value Added Tax (VAT) 5% of (D+E+F)					
H.	Adjusted Total Cost (D+E+F+G) Php					
I.	Adjusted Unit Cost (H/Quantity) Php					





DETAILED UNIT PRICE ANALYSIS

Project : Energization of Electrical System (Overhead System)

Location: Himaya, El Salvador City

Item:

Description: Floodlight Installation Works

Quantity: 22.00
Output per hour: 1.00
Unit: set

		No. of	No. of	Hourly	
A.	Designation of Personnel	Person	Hours	Rate	Amount
			110410	rato	
	Construction Foreman	1	22.00		
	Skilled Laborer	1	22.00		
	Unskilled Laborer	2	22.00		
	Official Education	_	22.00		
	Sub-Total (Labor)			Php	_
		No. of	No. of	Hourly	Amount
В.	Name / Capacity (Equipment)	Units	Hours	Rate	
	Electric hand drill	1	22.00		
	Sub-Total (Equipment)		I	Php	-
C.	Name / Specification (Materials)	Unit	Quantity	Unit	Amount
C.	Name / Specification (Materials)	Unit	Quantity	Cost	Amount
	Bracket Mounted LED Flood Light SOLAR 300 watts with	set			
	5 meter wire, 1 year warranty years Warranty		22.00		
Sub Total (Materials)					
Sub-Total (Materials) Php D. Direct Cost (A+B+C) Php					
<u>Б.</u>	Direct Cost (A+B+C) Php 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			-	