Proposed Philippine Science High School-Main Campus Administration Building (Phase II)

Agham Road, Diliman, Quezon City

Bill of Quantities

Lump Sum Amount. Any item, material, labor & equipment not specifically included herein but are deemed necessary component for the execution of the works cited, such item must be included without additional time and cost component.

MATERIALS LABOR MARK UPS Qty **Direct Cost Indirect Cost Unit Cost Total Cost** REMARKS Unit Cost Amount Unit Cost Amount ОСМ Profit VAT ITEM NO. DESCRIPTION (1) (2) (9) (11) (13) (12) (3) (4) (5) (6) (7) (8) (10) (2 x 5) 10% (12 /2) (7 + 11) (2 x 3) (4+6) (8 + 9 + 10) DIV. 1 GENERAL REQUIREMENTS Complete Temporary Facilities (Temporary Water Service and Distribution; Electric Power and Lighting Services; 1.1 Heating, Cooling and Ventilation; Telephone and Service lot 1.00 Data; Temporary Facilities including Drinking Water; Storm and Sanitary Sewer; Storm Water Pollution Control Complete Support Utilities (Field Office for the General Contractor; Storage and Fabrication Sheds; Dewatering Facilities and Drains: Temporary Enclosure: Temporary 1.00 1.2 Stairs, Lifts, and Hoists; Temporary Exterior Lighting; lot Collection and Disposal of Waste and Clearing; Temporary Environmental Controls; and Temporary Barracks for On-Site Laborers/Man Power Complete Supply of Health, Safety and Security (First Aid Facilities; Health and Safety Officer; Security Guards for Site and Agency; Temporary Fire Protection; Barricades, 1.00 Warning Signs and Lights; Environmental Protection and Traffic Ways 1.00 1.4 Supply and Installation of Project Signs, Complete lot lot 1.00 1.5 Mobilization and Demobilization FSIC & Occupancy Permit Facilitation lot lot 1.7 Site Survey, Complete Bonds & Insurances lot 1.8 1.00 1.9 Others (Specify) SUB - TOTAL OF GENERAL REQUIREMENTS EXISTING CONDITIONS DIV. 2 SUB - TOTAL OF EXISTING CONDITIONS DIV. 3 CONCRETE Complete Supply and Installation of Pre-Cast and 3.4 Sun-Baffles as per Plan, Drawing Details & 3.4.1 SB-1 - 3500mm x 1000mm set 3.4.2 SB-2 - 3400mm x 1000mm sets 25.00 SB-3 - 3350mm x 1000mm 3.4.3 set 3.4.4 SB-5 - 2700mm x 1000mm 10.00 sets 3.4.5 SB-7 - 2600mm x 1000mm sets 15.00 3.4.6 SB-9 - 1175mm x 1000mm 12.00 sets 3.5 Others (Specify) lot 1.00 SUB - TOTAL OF CONCRETE DIV. 4 MASONRY Complete Supply and Installation of Concrete Hollow Blocks (CHB) as per Plan, Drawing Details and Specifications

		1114	0 1.	MATE	RIALS	LA	BOR	Discret Cont		MARK UPS		T	11-25 C4	T-1-1 C1	DEMARKS
ITEM NO.	DESCRIPTION	Unit	Qty	Unit Cost	Amount	Unit Cost	Amount	Direct Cost	ОСМ	Profit	VAT	Indirect Cost	Unit Cost	Total Cost	REMARKS
		(1)	(2)	(3)	(4) (2 x 3)	(5)	(6) (2 x 5)	(7) (4 + 6)	(8) 10%	(9) 8%	(10) 5%	(11) (8 + 9 + 10)	(13) (12 /2)	(12) (7 + 11)	
4.1.1	150mm \ 6"Thk. CHB, Including Steel Reinforcement, Mortar and Tie Wires, Complete	sq.m.	199.90		(2.3)		(2×3)	(4+0)	10 70	070	370	(0+3+10)	(12/2)	(7 + 11)	
4.1.2	100mm \ 4" Thk. CHB, Including Steel Reinforcement, Mortar and Tie Wires, Complete	sq.m.	480.00												
4.2	Complete Supply and Installation of Concrete Zocallo as per Plan, Drawing Details & Specifications														
4.2.1	150mm Thk. Zocallo	l.m.	-												
4.2.2	100mm Thk. Zocallo	l.m.	-												
4.3	Complete Supply and Installation of Lintel Beam as per Plan, Drawing Details & Specifications														
4.3.1	150mm Thk. Lintel Beam	l.m.	168.40												
4.3.2	100mm Thk. Lintel Beam	l.m.	334.00												
4.4	Complete Supply and Installation of Stiffener Column as per Plan, Drawing Details & Specifications														
4.4.1	150mm Thk. Stiffener Column	l.m.	38.70												
4.4.2	100mm Thk. Stiffener Column	l.m.	18.63												
4.5	Others (Specify)	lot	1.00												
	SUB - TOTAL OF MASONRY														
DIV. 5	METALS														
5.2	Complete Supply and Installation of Stainless Steel Hand Railing at Fire Exit Stairs as per Plan, Drawing Details and Specifications														
5.2	Complete Supply and Installation of Stainless Steel Hand Railing at Fire Exit Stairs (Second Floor to Third Floor) as per Plan, Drawing Details and Specifications	lot	1.00												
5.3	Complete Supply and Installation of Stainless Steel Hand Railing at Main Stair (Third Floor Going to Fourth Floor) as per Plan, Drawing Details and Specifications	lot	1.00												
5.7	Complete Supply and Installation of Extended Canopy Framing System as per Plan, Drawing and Specification	lot	-												deferred
5.8	Others (Specify)	lot	1.00												
	SUB - TOTAL OF METAL														
DIV. 7	THERMAL AND MOISTURE PROTECTION														
7.1	Complete Supply and Installation of Roofing System as per Plans Drawing Details and Specifications														
7.2	Complete Supply and Installation of Waterproofing System as per Plan, Drawing Details and Specifications														
7.2.1	WP-1 - Polyurethane Membrane Waterproofing (Deck waterproofing and Toilets)	sq.m.	99.81												
7.2.2	WP-2 - Acrylic Polymer Cementatious Waterproofing system (Ledges and parapet wall)	sq.m.	10.78												
7.3	Others (Specify) SUB - TOTAL OF THERMAL & MOISTURE	lot	1.00												
	PROTECTION														
DIV. 8	OPENINGS														
8.1	Complete Supply and Installation of Doors complete with door knobs & accessories as per Plan, Drawing Details and Specifications														
8.1.2	D-1b - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (5600 x 2600)	set	-												Physical Fitness Room; deferred

		1114	0 1-	MATE	RIALS	LA	BOR	Discret Cont		MARK UPS		T	U-2- C	T-1-1 C1	DEMARKS
ITEM NO.	DESCRIPTION	Unit	Qty	Unit Cost	Amount	Unit Cost	Amount	Direct Cost	OCM	Profit	VAT	Indirect Cost	Unit Cost	Total Cost	REMARKS
		(1)	(2)	(3)	(4) (2 x 3)	(5)	(6) (2 x 5)	(7) (4 + 6)	(8) 10%	(9) 8%	(10) 5%	(11) (8 + 9 + 10)	(13) (12 /2)	(12) (7 + 11)	
8.1.3	D-1c - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (5750 x 2600)	set	1.00		(2.3)		(2 x 3)	(4+0)	10 70	076	370	(8+9+10)	(12/2)	(7 + 11)	HR Office
8.1.7	D-1g - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (5000 x 2600)	set	1.00												Testing Room (left door)
8.1.13	D-1m - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (3225 x 2600)	set	1.00												FAD Chief's Office
8.1.14	D-1n - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (3200 x 2600)	set	1.00												FAD Office double doors
8.1.15	D-10 - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (3000 x 2600)	set	1.00												Testing/Training Room
8.1.17	D-1q - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (2750 x 2600)	set	1												COA Office; deferred
8.1.19	D-1s - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (2575 x 2600)	set	1.00												Archiving and Records Office double doors
8.1.20	D-1t - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (2550 x 2600)	set	-												Meditation Room; deferred
8.1.21	D-1u - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (2525 x 2600)	set	1.00												FAD Office Meeting Rom
8.1.26	D-2a - Frameless Glass Door with Aluminum Main Framing and Fixed Glass Transom (2000 x 2600)	set	1.00												Cafeteria Main Entrance
8.1.30	D-4 - Frosted Glass Door For Shower Door (600 x 2000)	sets	2.00												Shower doors at male/female CRs
8.1.31	D-5a - Semi Solid Wooden Door with View Glass Panels and Glass Transom (800 x 2600)	set	1.00												COA Office Staff Head's Room
8.1.35	D-7b - Flush Wood Door with Louvers and Glass Transom (700 \times 2600)	set	1.00												FAD Storage Room
8.1.36	D-8 - Flush Wood Door with View Glass Panels and Glass Transom (800 x 2600)	sets	2.00												Storage Room FAD File Room
8.1.41	D-11a - Steel Door with Louvers and Fixed Glass Transom (900 x 2600)	sets	3.00												Male, Female. PWD Toilets
8.1.42	D-11b - Steel Door with Louvers and Fixed Glass Transom (800 x 2600)	sets	4.00												3 - Janitor Rm, EE Rom, ELV Rm
8.1.47	D-14 - Fire Exit Door: Fire Rated Steel Door with Wired Glass View Panel (1000 x 2100)	sets	2.00												Fire exit doors
8.1.48	D-15 - Steel Door with Vision Glass Panel with Glass Transom 2 (800 x 2600)	set	1.00												Kitchen door
8.1.49	D-16 - Records Vault Door (1100 x 2040)	sets	2.00												Academic Record Archives & Document Storage Section
	SUB - TOTAL OF DOORS														
8.2	Complete Supply and Installation of Windows complete with accessories as per Plan, Drawing Details and Specifications														
8.2.1	W-1a - Aluminum Fixed Glass Panels with Seamless Awning Windows (1350 x 2600 mm)	sets	14.00												
8.2.2	W-1b - Aluminum Fixed Glass Panels with Seamless Awning Windows (1200 x 2600 mm)	sets	13.00												
8.2.3	W-1c - Aluminum Fixed Glass Panels with Seamless Awning Windows (1000 x 2600 mm)	sets	3.00												
8.2.6	W-3a - Aluminum Fixed Glass Panels with Seamless Awning Windows (1350 x 1700 mm)	sets	12.00												
8.2.8	W-3c - Aluminum Fixed Glass Panels with Seamless Awning Windows (1200 x 1700 mm)	sets	15.00												
8.2.9	W-3d - Aluminum Fixed Glass Panels with Seamless Awning Windows (1000 x 1700 mm)	sets	4.00												
8.2.10	W-3e - Aluminum Fixed Glass Panels with Seamless Awning Windows (850 x 1700 mm)	sets	2.00												

		Unit	Ottv	MATE	RIALS	LA	BOR	Direct Cost		MARK UPS		Indirect Cost	Unit Cost	Total Cost	REMARKS
ITEM NO.	DESCRIPTION		Qty	Unit Cost	Amount	Unit Cost	Amount		ОСМ	Profit	VAT				REMARKS
	-	(1)	(2)	(3)	(4) (2 x 3)	(5)	(6) (2 x 5)	(7) (4 + 6)	(8) 10%	(9) 8%	(10) 5%	(11) (8 + 9 + 10)	(13) (12 /2)	(12) (7 + 11)	
8.2.11	W-3f - Aluminum Fixed Glass Panels with Seamless Awning Windows (1350 x 1600 mm)	sets	2.00												
8.2.12	W-3g - Aluminum Fixed Glass Panels with Seamless Awning Windows (1200 x 1600 mm)	sets	3.00												
8.2.13	W-3h - Aluminum Fixed Glass Panels with Seamless Awning Windows (±1000 x 1600 mm)	set	1.00												
8.2.14	W-3i - Aluminum Fixed Glass Panels with Seamless Awning Windows (850 x 1600 mm)	set	1.00												
8.2.15	W-4a - Aluminum Framed Seamless Awning Windows (1350 x 700 mm)	sets	3.00												
8.2.16	W-4b - Aluminum Frame Seamless Awning Windows (±1200 x 700 mm)	set	1.00												
8.2.17	W-4c - Aluminum Frame Seamless Awning Windows (1000 x 700 mm)	set	1.00												
	SUB - TOTAL OF WINDOWS														
8.3	Complete Supply and Installation of Glass Wall Partition complete with accessories as per Plan, Drawing Details and Specifications														
8.3.1	GWP-1 - Glass Wall Partition (±2530 x 2600)	sets	2.00												meeting room; cafeteria
	SUB - TOTAL OF GLASS WALL PARTITION														
8.6	Complete Supply and Installation of Canopy Glass Panels Complete with accessories as per plan, Drawing Details and Specifications														
8.6.1	GP-1 - 12mm THK Tempered Clear Glass Panels (1500mm x 880mm)	set	-												11 sets deferred
8.6.2	GP-2 - 12mm THK Tempered Clear Glass Panels (1500mm x 880mm)	set	-												11 sets deferred
8.6.3	GP-3 - 12mm THK Tempered Clear Glass Panels (1500mm x 880mm)	set	1												11 sets deferred
8.6.4	GP-4 - 12mm THK Tempered Clear Glass Panels (1500mm x 880mm)	set	1												2 sets deferred
8.6.5	GP-5 - 12mm THK Tempered Clear Glass Panels (1500mm x 880mm)	set	-												2 sets deferred
8.6.6	GP-6 - 12mm THK Tempered Clear Glass Panels (1500mm x 880mm)	set	-												2 sets deferred
8.6	Others (Specify)	lot	-												
	SUB - TOTAL OF GLASS PANELS														
	SUB - TOTAL OF OPENINGS														
DIV. 9	FINISHES														
9.1	Complete Supply and Installation of Floor Finishes as per Plan, Drawing Details and Specifications														
9.1.2	FF-2 - Polished Finish Natural Marble/Granite Stone	sq.m.	137.00								İ				
9.1.3	FF-3 - Polished Finish Homogenous Porcelain Tiles	sq.m.	550.00												
9.1.4	FF-4 - Matte Finish Homogenous Porcelain Tiles	sq.m.	185.00												
9.1.5	FF-5 - Matte Finish Homogenous Porcelain Tiles with Honed Finish Natural Granite Stone Nosing	sq.m.	48.00												
9.1.6	FF-6 - Carpet Tiles	sq.m.	9.06												
9.1.7	FF-7 - Rubber Tiles	sq.m.	60.00												

		Unit	Qty	MATE	RIALS	LA	BOR	Direct Cost		MARK UPS		Indirect Cost	Unit Cost	Total Cost	REMARKS
ITEM NO.	DESCRIPTION			Unit Cost	Amount	Unit Cost	Amount		ОСМ	Profit	VAT				KEMAKKS
		(1)	(2)	(3)	(4) (2 x 3)	(5)	(6) (2 x 5)	(7) (4 + 6)	(8) 10%	(9) 8%	(10) 5%	(11) (8 + 9 + 10)	(13) (12 /2)	(12) (7 + 11)	
9.1.8	FF-8 - Plain Cement Floor Finish with Epoxy Paint	sq.m.	41.00		,=,		,=5/	, ,				,0.2.2	,=-,-,		
9.1.9	FF-9 - Plain Cement Finish with Epoxy Paint and Stainless Steel Nosing	sq.m.	18.56												
9.1.14	FT-2 - Natural Granite Stone Nosing 2 (Interior Floor Termination (100 mm x 18-20m Thk)	lm	15.00												
9.1.15	FT-3 - Natural Granite Stone Nosing 3 (Interior and Toilet Entry Floor Termination (100 mm x 18-20m Thk)	lm	5.00												
9.2	Complete Supply and Installation of Wall Finishes as per Plan, Drawing Details and Specifications														
9.2.1	WF- 1a - Exterior CHB Walls (150mm Thick) (plastering & painting only)	sq.m.	804.68												
9.2.2	WF- 2a - Exterior Concrete Columns (plastering & painting only)	sq.m.	158.13												
9.2.3	WF- 3a - Exterior Parapet Walls and Ledges (plastering & painting only)	sq.m.	289.00												
9.2.4	WF- 4a - Exterior Pre-Cast Concrete Wall (painting only)	sq.m.	52.54												
9.2.5	WF- 5a - Exterior Build Up Wall	sq.m.	54.13												
9.2.6	WF- 6a - Exterior Build Up Reinforced Concrete Wall	sq.m.	219.81												
9.2.7	WF- 1b - Interior CHB Cement Plaster Wall Finish Painted (plastering & painting only)	sq.m.	1,671.84												
9.2.8	WF- 2b - Interior Concrete Column and Shear Wall	sq.m.	52.52												
9.2.10	WF- 4b - Interior CHB wall/Column with Matte Finish Homogenous Porcelain Tiles	sq.m.	110.00												CR walls
9.2.12	WF- 6b - InteriorCHB with Polished Finish Porcelain Tiles (For Kitchen Wall)	sq.m.	75.60												kitchen wall
9.2.13	WF- 1C - Exterior/Interior Marble Wall Cladding	sq.m.	11.00												main stairs landing
9.2.14	WF- 2C - Granite Wall	sq.m.	17.03												elevator
9.2.15	WF-3C - 150mm THK Decorative Precast Concrete Wall with Plain Semi-Gloss Water Based 100% Acrylic Paint with High Alkaline Resistance and Excellence Gloss Retention														
9.2.15.1	SB-1 - 3500mm x 1000mm	sets	14.00												
9.2.15.2	SB-2 - 3400mm x 1000mm	sets	25.00										-		
9.2.15.3	SB-3 - 3350mm x 1000mm	sets	14.00												
9.2.15.4	SB-5 - 2700mm x 1000mm	sets	10.00												
9.2.15.5	SB-7 - 2600mm x 1000mm	set	1.00												
9.2.15.6	SB-9 - 1175mm x 1000mm	sets	9.00												
9.3	Complete Supply and Installation of Ceiling Finishes as per Plan, Drawing Details and Specifications														
9.3.1	CF-1 - Gypsum Board Ceiling Finish	sq.m.	513.70												
9.3.2	CF-2 - Lay -In Beveled Tegular Edge Mineral Fiber Acoustic Ceiling Board - Fine Textured	sq.m.	337.50												
9.3.3	CF-3 - Interior Exposed Ceiling: Exposed Reinforced Concrete Slab, beams	sq.m.	130.00												
9.3.4	CF-4 - Exterior Exposed Ceiling: Exposed Reinforced Concrete Slab (Ledges)	sq.m.	72.32												
9.3.5	CF-5 - Fiber Cement Board (Exterior Ceiling Eaves)	sq.m.	70.67												
9.3.6	CF-6 - Glass Fiber Reinforcement Concrete (GFRC)	sq.m.	-												307.6 - deferred

		Unit	Ottv	MATE	RIALS	LA	BOR	Direct Cost		MARK UPS		Indirect Cost	Unit Cost	Total Cost	REMARKS
ITEM NO.	DESCRIPTION	Unit	Qty	Unit Cost	Amount	Unit Cost	Amount	Direct Cost	ОСМ	Profit	VAT	Indirect Cost	Unit Cost	Total Cost	REMARKS
		(1)	(2)	(3)	(4) (2 x 3)	(5)	(6) (2 x 5)	(7) (4 + 6)	(8) 10%	(9) 8%	(10) 5%	(11) (8 + 9 + 10)	(13) (12 /2)	(12) (7 + 11)	
9.3.7	Ceiling Cove	lm	-		(2 × 3)		(2 x 3)	(4+0)	10 /0	0.70	370	(0+9+10)	(12/2)	(7 + 11)	333.87 - deferred
9.3.8	Ceiling Cove Light	lm	-												90.37 - deferred
9.4	Others (Specify)	lot	1.00												
	SUB - TOTAL OF FINISHES														
DIV. 10	SPECIALTIES														
10.1	Complete Supply and Installation of Toilet Compartments, Cubicles, Partitions and Accessories as per Plan, Drawing Details and Specifications														
10.1.1	TCD-1 - Toilet Cubicle with Partition	set	1.00												4 deferred
10.1.2	UP-1 - Urinal Partition	set	1.00												3 deferred
10.1.3	TCL-1 - Toilet Cubicle Ledges	set	1.00												4 deferred
10.1.4	UPL-1 - Urinal Plumbing Ledges	set	1.00												2 deferred
10.2	Complete Supply and Installation of Facial Mirrors as per Plan, Drawing Details and Specifications														
10.2.1	FM-1 - Facial Mirror for Male and Female Toilets														
10.2.1.1	3100mm x 900mm	set	-												1 - deferred
10.2.1.2	2250mm x 900mm	set	-												1 - deferred
10.2.2	FM-2 - Facial Mirror for PWD and Private Toilet and Ba	ith													
10.2.2.1	1000mm x 800mm	set													
10.2.2.2	600mm x 900mm	set	1.00												
10.3	Complete Supply and Installation of Toilet Accessories as per Plan, Drawing Details and Specifications														
10.3.1	TH-1 -Tissue Paper Holder 1	pc	-												1.00
10.3.2	TH-2 -Tissue Paper Holder 2	pc	-												8.00
10.3.3	BD - Bidet	set	-												8.00
10.3.4	HD - Hand Dryer	unit													-
10.3.5	LSD - Liquid Soap Dispenser	рс													-
10.3.6	GR - Disabled Grab Rail	l.m.													1.00
10.3.7	SHO - Shower Head, Mixer and Spout - In Wall Type	set													2.00
10.3.8	UFV - Push Button Type Urina Flush Valve	set													3.00
10.3.9	SH - Soap Holder	set	-												2.00
10.4	Complete Supply and Installation of Toilet Fixtures as per Plan, Drawing Details and Specifications														
10.4.1	WC - Water Closet	set	1.00												5 deferred
10.4.2	UR1 - Urinal 1	set	1.00												2 deferred
10.4.4	LAV -1- Under Counter Lavatory	set	-												6 deferred
10.4.5	LAV -2- Wall Mounted Lavatory	set	1.00												
10.4.6	LF- Lever Type Single Hole Basin mixer Faucet	set	1.00												6 deferred
10.4.8	FD - Floor Drains	sets	5.00												5.00
10.5	Complete Supply and Installation of Signages as per Plan, Drawing Details and Specifications														
10.5.6	Fire Exit Signage (435mm x 280mm)	sets	2.00												
10.5.7	Fire Exit Signage (435mm x 280mm) with arrow signal	sets	2.00							ļ	ļ				

		1116	Ot	MATE	RIALS	LA	BOR	Direct Cont		MARK UPS		Total Cont	U-1. Ct	T-4-1 C4	DEMANUS.
ITEM NO.	DESCRIPTION	Unit	Qty	Unit Cost	Amount	Unit Cost	Amount	Direct Cost	ОСМ	Profit	VAT	Indirect Cost	Unit Cost	Total Cost	REMARKS
		(1)	(2)	(3)	(4) (2 x 3)	(5)	(6) (2 x 5)	(7) (4 + 6)	(8) 10%	(9) 8%	(10) 5%	(11) (8 + 9 + 10)	(13) (12 /2)	(12) (7 + 11)	
10.5.8	Interior Signage (800mm x 150mm)	set	-		(2 X 3)		(2 X 3)	(4+0)	10%	8-76	370	(8 + 9 + 10)	(12/2)	(7+11)	1 set deferred
10.5.9	Interior Signage (1000mm x 200mm)	set	-												1 set deferred
10.5.11	Interior Building Signage	set	-												1 set deferred
10.5.12	Interior Building Logo Signage	set	-												1 set deferred
10.6	Complete Supply and Installation of Counter Top as per Plan, Drawing Details and Specification														
10.6.1	3700mm x 600mm	set	-												
10.6.2	1000mm x 600mm	set	-												
10.6.3	1350mm x 600mm	set	-												
10.6.4	3100mm x 600mm	set	-												
10.6.5	2125mm x 600mm	set	-												
10.6.6	2250mm x 600mm	set	-												
10.6.7	2230mm x 600mm	set	-												
10.7	Others (Specify)	lot	-												
	SUB - TOTAL OF SPECIALTIES														
DIV. 11	EQUIPMENT														
11.1	Complete Supply and Installation of Food Service Equipment as per Plan, Drawing Details and Specifications														
11.1.1	Kitchen Area (Kitchen Counter, Sink, Faucet, Granite Stone Slab/Countertop/Backsplash, Cabinets, complete with fixtures, fittings, hardwares and accessories)	lot	1.00												
11.1.2	Serving Area	lot	-												1 lot deferred
11.1.3	Storage Area	lot	-												1 lot deferred
11.2	Others (Specify)	lot	1.00												
	SUB - TOTAL OF EQUIPMENT														
DIV. 12	FURNISHING														
12.2	Complete Supply and Installation of Janitor Cabinet (complete with shelves & carcass) as per Plan, Drawing Details and Specifications														
12.2.2	1200mm x 2100mm x 600mm	set	1.00												
12.3	Others (Specify)	lot	1.00												
	SUB - TOTAL OF FURNISHINGS														
DIV. 14	CONVEYING EQUIPMENT														
14.1	Complete Supply and Installation of Passenger Elevator as per Plans, Drawing Details and Specifications	unit	-												deferred
14.2	Others (Specify)	lot	-												
	SUB - TOTAL OF CONVEYING EQUIPMENT														
DIV. 21	FIRE SUPPRESSION														
21.1	Complete Supply and Installation of FIRE PROTECTION Equipment as per Plan, Drawing Details and Specifications														

		Ι		MATE	RIALS	LA	BOR			MARK UPS					
ITEM NO.	DESCRIPTION	Unit	Qty	Unit Cost	Amount	Unit Cost	Amount	Direct Cost	ОСМ	Profit	VAT	Indirect Cost		Total Cost	REMARKS
		(1)	(2)	(3)	(4) (2 x 3)	(5)	(6) (2 x 5)	(7) (4 + 6)	(8) 10%	(9) 8%	(10) 5%	(11) (8 + 9 + 10)	(13) (12 /2)	(12) (7 + 11)	
21.1.1	B.I. Pipe, Schedule 40, ERW.				(2 x 3)		(2 x 3)	(4+0)	10 /0	0 70	370	(0+3+10)	(12/2)	(7 + 11)	
21.1.1.1	25 mmØ	l.m.	183.00												
21.1.1.3	38 mmØ	l.m.	81.67												
21.1.2	B.I. Elbow, 90°, long radius														
21.1.2.1	25 mmØ	pcs	155.00												
21.1.2.2	38 mmØ	pcs	81.67												
21.1.2.3	50 mmØ	pcs	6.00												
21.1.2.5	150 mmØ	pcs	5.00												
	B.I Tee, Reducer														
21.1.3.1	25mmØ x 25mmØ	pcs	95.00												
21.1.3.3 21.1.3.4	38mmØ x 25mmØ 50mmØ x 25mmØ	pcs pcs	45.00 36.00												
21.1.3.5	38mmØ x 38mmØ	pcs	26.00												
21.1.3.6	50mmØ x 50mmØ	pcs	4.00												
21.1.3.7	75mmØ x 75mmØ	pcs	3.00												
21.1.3.8	150mmØ x 75mmØ	pcs	3.00												
21.1.4	TREADOLITE	pcs	3.00												
21.1.4.1	25 mmØ	pcs	12.00												
21.1.4.3	38 mmØ	pcs	36.00												
21.1.5	BI End Cap	pcs	30.00												
21.1.5.1	38mmØ	pcs	6.00												
21.1.5.2	75mmØ	pcs	3.00												
21.1.6	Valves, OS & Y	pus	5.00												
21.1.6.1	150mm Ø	pcs	2.00												
21.1.6.2	100mm Ø	pcs	4.00												
21.1.6.3	50mm Ø	pcs	2.00												
	Y-Strainer	F													
21.1.7.1	150 mm Ø	рс	1.00												
21.1.7.2	50mm Ø	рс	1.00												
21.1.8	Check Valve														
21.1.8.1	150 mm Ø	рс	1.00												
21.1.8.2	50 mm Ø	рс	1.00												
21.1.9	Alarm Check Valve Assembly	P.	1.00								—				
21.1.9.1	150 mm Ø	рс	1.00												
	Pressure Reducing Valve	F	2.00								—				
21.1.10.1	150 mm Ø	рс	1.00												
21.1.11	Float Valve	<u> </u>													
21.1.11.1	50 mm Ø	рс	1.00												
21.1.12	Floor Control Valve	1													
21.1.12.1	100 mm Ø	pcs	4.00												
21.1.13	FDC Siamese Twin, 2-way	F													
21.1.13.1	150mm Ø x 2 (65mmØ)	set	1.00												
	Pendent Sprinkler Head		2.00												
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				MATE	RIALS	LA	BOR	-· · · ·		MARK UPS					
ITEM NO.	DESCRIPTION	Unit	Qty	Unit Cost	Amount	Unit Cost	Amount	Direct Cost	ОСМ	Profit	VAT	Indirect Cost	Unit Cost	Total Cost	REMARKS
		(1)	(2)	(3)	(4) (2 x 3)	(5)	(6) (2 x 5)	(7) (4 + 6)	(8) 10%	(9) 8%	(10) 5%	(11) (8 + 9 + 10)	(13) (12 /2)	(12) (7 + 11)	
21.1.16.1	12mm Ø	pcs	106.00		(2 X 3)		(2 X 5)	(4+6)	10%	8%	5%	(8 + 9 + 10)	(12/2)	(7+11)	
21.1.17	Fire Hose Cabinet with Fire Extinguisher														
21.1.17.1	50mm Ø, connection	pcs	2.00												
21.1.17.2	Portable 4.5 kg, Fire Extinguisher	set	-												2 deferred
21.1.18	Fire Protection Pumps														
21.1.18.1	Fire Pump, Controllers and Accessories FP-1 - Horizontal Split Case, Centrifugal pump, with AC Motor, Controller, UL List ed/FM Approved, 500GPM. (130 psi). 75 HP, 220V, 3Ø / 60 Hz	set													deferred
21.1.18.2	Jockey Pump, Controllers and Accessories JP-1 - Vertical In-line Centrifugal Pump with AC Motor, Controller, UL List ed/FM Approved, 50GPM. (140 psi). 5 HP, 220V, 3 Ø / 60 Hz	set													deferred
21.1.19	Hangers & Supports - Angle Bar, 1-1/2 x 1-1/2; Round Bar 9mmØ; Anchor Bolt 9mmØ	lot	1.00												
21.1.20	Testing & Commissioning	lot	1.00												
21.1.21	Others (Specify)	lot	1.00												
	SUB - TOTAL OF FIRE SUPPRESSION														
DIV. 22	PLUMBING														
22.1	Complete Supply and Installation of Cold Water Distribution System as per Plans, Drawing Details and Specifications														
22.1.1	Potable Cold Water Supply Lines (Risers, Downfeeds and Distribution Lines)														
22.1.1.1	20mmØ PPR Pipe Cold Water Supply Line	l.m.	99.00												
22.1.1.2	25mmØ PPR Pipe Cold Water Supply Line	l.m.	115.00												
22.1.1.3	32mmØ PPR Pipe Cold Water Supply Line	l.m.	18.00												
22.1.1.4	50mmØ PPR Pipe Cold Water Supply Line	l.m.	71.00												
22.1.1.5	65mmØ PPR Pipe Cold Water Supply Line	l.m.	25.00												
22.1.1.6	75mmØ PPR Pipe Cold Water Supply Line	l.m.	17.00												
22.1.2	Non-Potable Cold Water Supply Lines (Risers, Downfeeds and Distribution Lines)														
22.1.2.1	25mmØ PPR Pipe Cold Water Supply Line	l.m.	51.00												
22.1.2.2	32mmØ PPR Pipe Cold Water Supply Line	l.m.	72.00												
22.1.2.3	40mmØ PPR Pipe Cold Water Supply Line	l.m.	21.00												
22.1.2.4	50mmØ PPR Pipe Cold Water Supply Line	l.m.	70.00												
22.1.2.5	65mmØ PPR Pipe Cold Water Supply Line	l.m.	4.00												
22.1.2.6	75mmØ PPR Pipe Cold Water Supply Line	l.m.	17.00												
22.1.3	Cold Water Lines (For inside toilet and bath or roughing-in of toilets)														
22.1.3.1	20mmØ PPR Pipe Cold Water Supply Line	l.m.	8.00												
22.1.3.2	25mmØ PPR Pipe Cold Water Supply Line	l.m.	8.00												
22.1.3.3	32mmØ PPR Pipe Cold Water Supply Line	l.m.	8.00												
22.1.4	Complete Supply and Installation of Gate Valves as per Plans, Drawing Details and Specifications														
22.1.4.1	20mmØ Gate Valve	pcs	9.00												
22.1.4.2	25mmØ Gate Valve	pcs	4.00												

				MATE	RIALS	LA	BOR			MARK UPS					
ITEM NO.	DESCRIPTION	Unit	Qty	Unit Cost	Amount	Unit Cost	Amount	Direct Cost	ОСМ	Profit	VAT	Indirect Cost	Unit Cost	Total Cost	REMARKS
		(1)	(2)	(3)	(4) (2 x 3)	(5)	(6) (2 x 5)	(7) (4 + 6)	(8) 10%	(9) 8%	(10) 5%	(11) (8 + 9 + 10)	(13) (12 /2)	(12) (7 + 11)	
22.1.4.3	32mmØ Gate Valve	pcs	9.00		(2 x 3)		(2 X 3)	(4+0)	10%	8-76	370	(8 + 9 + 10)	(12/2)	(/+11)	
22.1.4.4	75mmØ Gate Valve	pcs	5.00												
22.1.5	Complete Supply and Installation of Check Valves as per Plans, Drawing Details and Specifications														
	75mmØ Check Valves	pcs	7.00												
22.1.6	Complete Supply and Installation of Float Valves as per Plans, Drawing Details and Specifications														
	75mmØ Float Valves	pcs	3.00												
22.1.7	Complete Supply and Installation of Hose Bibb as per Plans, Drawing Details and Specifications														
22.2	Complete Supply and Installation of Sewer, Waste and Vent System as per Plans, Drawing Details and Specifications														
22.2.1	Soil Stacks and Collector														
22.2.1.1	100mmØ Pvc Pipe Soil Stacks and Collector	l.m.	54.00												
22.2.1.2	150mmØ Pvc Pipe Soil Stacks and Collector	l.m.	27.00						_						
22.2.1.3	200mmØ Pvc Pipe Soil Stacks and Collector	l.m.	33.00												
22.2.2	Horizontal Pipes														
22.2.2.1	50mmØ Pvc Horizontal Pipes	l.m.	114.00												
22.2.3	Kitchen Waste Stacks and Collector														
22.2.3.1	100mmØ Waste Pipe	l.m.	40.00												
22.2.4	Floor Drains														
22.2.4.1	50mmØ Floor Drain	pcs	11.00												
22.2.5	Floor / Ground Cleanouts														
22.2.5.1	100mmØ Floor/Ground Cleanouts	pcs	6.00												
22.2.5.3	200mmØ Floor/Ground Cleanouts	pcs	2.00												
22.2.7	Vent Stack and Vent Lines														
22.2.7.1	50mmØ Pvc Pipe Vent Stacks and Vent Lines	l.m.	157.00												
22.2.7.2	75mmØ Pvc Pipe Vent Stacks and Vent Lines	l.m.	61.00												
22.2.7.3	100mmØ Pvc Pipe Vent Stacks and Vent Lines	l.m.	4.00												
22.3	Complete Supply and Installation of Storm drainage system, downspout, collector perforated perimeter pipe including fittings and accessories as per Plans, Drawing Details and Specifications														
22.3.1	Inside pipes: Downspout and collector														
22.3.11	Ceiling Clean out														
22.3.11.1	50mmØ Ceiling Clean Out	pcs	8.00												
22.3.12	Condensate drain pipes and fittings w/ insulation														
22.3.12.1	25mmØ Condensate Drain Pipes and Fittings with	l.m.	68.00												
22.3.12.2	50mmØ Condensate Drain Pipes and Fittings with	l.m.	64.00												
22.3.12.3	100mmØ Condensate Drain Pipes and Fittings with Insulation	l.m.	8.00											_	
22.4	Supply and installation of equipments, controller and accessories as per Plans, Drawing Details and Specifications														
22.4.1	Booster Pump, Cap./Unit = 90 GPM vs 200 FT. TDH, Approx.= 10 HP Each, 1-Duty, 1-Stand By & controller	set	1.00												

		1116	0 1.	MATE	RIALS	LA	BOR	Discret Cont		MARK UPS		T	11-12-0	Tatal Coat	DEMARKS
ITEM NO.	DESCRIPTION	Unit	Qty	Unit Cost	Amount	Unit Cost	Amount	Direct Cost	ОСМ	Profit	VAT	Indirect Cost	Unit Cost	Total Cost	REMARKS
		(1)	(2)	(3)	(4) (2 x 3)	(5)	(6) (2 x 5)	(7) (4 + 6)	(8) 10%	(9) 8%	(10) 5%	(11) (8 + 9 + 10)	(13) (12 /2)	(12) (7 + 11)	
22.4.2	Hydropnuematic tank (Diaphragm Tank) Cap.= 120 US Gals.	set	1.00		(2 x 3)		(2 X 3)	(4+6)	10-76	8-76	370	(8+9+10)	(12/2)	(7+11)	
22.4.3	Booster Pump Cap./Unit = 80 GPM vs 205 FT. TDH Approx.= 7.5 HP Each, 1-Duty, 1-Stand By & controller	set	1.00												
22.4.4	Elevator Sump Pump Cap./Unit (Potable) = 20 GPM vs 30 FT. TDH Approx.= 1 HP	set	1.00												deferred
22.5	Testing & Commissioning	lot	1.00												
22.6	Others (Specify)	lot	1.00												
	SUB-TOTAL OF PLUMBING														
DIV. 23	HEATING, VENTILATING AND AIR-CONDITIONING														
	SUB-TOTAL OF HEATING, VENTILATING AND AIRCONDITIONING														
DIV. 26	ELECTRICAL														
26.1	Complete Supply and Installation of Panel Boards including panelboard complete with protection and grounding busbar, wire gutter and other accessories as per Plan, Drawing Details and Specifications														
26.1.1	Panel "DP-3" Main - 1-450AT/600AF, 3P MCCB; Branches - 1-225AT,3P; 1-150AT,3P; 2-100AT,3P; 1-40AT,3P;	assy.	1.00												
26.1.2	Panel "LP-3" Main - 1-100AT/100AF, 3P; Branches - 22- 20AT,2P;	assy.	1.00												
26.1.3	Panel "PP-3" Main - 1-150AT/250AF, 3P; Branches - 1- 40AT,3P; 1-SPACE,3P; 18-20AT,2P;	assy.	1.00												
26.1.4	Panel "PP-3A" Main - 1-40AT/100AF, 3P; Branches - 14- 20AT,2P;	assy.	1.00												
26.1.5	Panel "PP-K" Main - 1-60AT/100AF, 3P; Branches - 14- 20AT,2P;	assy.	1.00												
26.1.6	Panel "PPM-3" Main - 1-225AT/250AF, 3P; Branches - 1- 150AT,3P; 1-80AT,3P; 12-20AT,2P;	assy.	1.00												
26.1.7	ECB, 150AT/225AF, 3P, 230V, NEMA-3R	assy.	1.00												
26.1.8	ECB, 80AT/100AF, 3P, 230V, NEMA-3R	assy.	2.00												
26.1.9	ECB, 70AT/100AF, 3P, 230V, NEMA-3R	assy.	4.00												
26.1.10	ECB, 50AT/100AF, 3P, 230V, NEMA-3R	assy.	1.00												
26.1.11	ECB, 20AT/100AF, 3P, 230V, NEMA-3R	assy.	1.00												
26.1.12	ECB, 20AT/100AF, 2P, 230V NEMA-3R	assy.	60.00												
26.1.13	Wire Gutter and Pull Boxes	lot	1.00												
26.2	Complete Supply and Installation of Conduit complete with fittings and other accessories as per Plan, Drawing Details and Specifications														
26.2.1	80mm dia, 3m/length, IMC	length	13.00												
26.2.2	65mm dia, 3m/length, IMC	length	63.00												
26.2.3	50mm dia, 3m/length, IMC	length	9.00												
26.2.4	40mm dia, 3m/length, IMC	length	8.00												
26.2.5	32mm dia, 3m/length, IMC	length	85.00												
26.2.6	25mm dia, 3m/length, IMC	length	4.00												
26.2.7	20mm dia, 3m/length, IMC	length	53.00												
26.2.8	15mm dia, 3m/length, uPVC	length	3,068.00												

				MATE	RIALS	LA	BOR	-: .a .		MARK UPS					
ITEM NO.	DESCRIPTION	Unit	Qty	Unit Cost	Amount	Unit Cost	Amount	Direct Cost	ОСМ	Profit	VAT	Indirect Cost	Unit Cost	Total Cost	REMARKS
		(1)	(2)	(3)	(4) (2 x 3)	(5)	(6) (2 x 5)	(7) (4 + 6)	(8) 10%	(9) 8%	(10) 5%	(11) (8 + 9 + 10)	(13) (12 /2)	(12) (7 + 11)	
26.2.1	Miscellaneous Materials including fittings and accessories	lot	1.00		(2,3)		(2 x 3)	(4+0)	10 /0	070	370	(0+3+10)	(12/2)	(7 + 11)	
26.3	Complete Supply and Installation of wires & cables complete with consumable materials as per Plan, Drawing Details and Specifications														
26.3.1	Wire, 125mm² THHN/THW	l.m.	129.00												
26.3.2	Wire, 100mm ² THHN/THW	l.m.	575.00												
26.3.3	Wire, 60mm² THHN/THW	l.m.	47.00												
26.3.4	Wire, 50mm ² THHN/THW	l.m.	40.00												
26.3.5	Wire, 30mm ² THHN/THW	l.m.	80.00												
26.3.6	Wire, 14mm² THHN/THW	l.m.	812.00												
26.3.7	Wire, 8.0mm² THHN/THW	l.m.	40.00												
26.3.8	Wire, 5.5mm² THHN/THW	l.m.	425.00												
26.3.9	Wire, 3.5mm² THHN/THW	l.m.	6,521.00												
26.3.10	Wire, 22mm² THHN/THW, green	l.m.	43.00												
26.3.11	Wire, 14m² THHN/THW, green	l.m.	220.00												
26.3.12	Wire, 8.0mm² THHN/THW, green	l.m.	27.00												
26.3.13	Wire, 5.5mm² THHN/THW, green	l.m.	374.00												
26.3.14	Wire, 3.5mm² THHN/THW, green	l.m.	3,326.00												
26.3.15	Consumable Materials	lot	1.00												
26.4	Complete Supply and Installation of the following Electrical Devices including boxes and accessories as per Drawing Details and Specifications														
26.4.1	Duplex Convenience Outlets with Grounding (Wall Mounted CO, Ceiling Mounted CO, Partition Mounted CO, Over the Counter CO, Under the Counter CO)	sets	109.00												
26.4.2	Special Purpose Outlets with Grounding (Refrigerator CO, Water Dispenser CO, Microwave Oven CO, Hand Dryer CO, Treadmill CO, Electric Bike CO, etc.)	sets	8.00												
26.4.3	Single Convenience Outlet with Grounding (for Emergency Light)	sets	14.00												
26.4.4	Weatherproof Convenience Outlet with Grounding	sets	2.00												
26.4.5	1-pole, 1-gang Switch	sets	11.00												
26.4.6	1-pole, 2-gang Switch	sets	19.00												
26.4.7	1-pole, 3-gang Switch	sets	11.00												
26.4.8	3-way, 1-gang Switch	sets	2.00												
26.4.9	3-way, 2-gang Switch	sets	2.00												
26.4.10	3-way, 3-gang Switch	sets	2.00												
26.4.11	Switchbank	set	1.00												
26.4.12	Utility Boxes	pcs	200.00												
26.4.13	Junction Boxes	pcs	272.00												
26.5	Complete Supply and Installation of the following Lighting Fixtures as per Drawing Details and Specifications														
26.5.1	IL-1 Recessed Mounted, 2-18W T-8 Cool White LED Tube	sets	49.00												
26.5.2	IL-2 Recessed Mounted, 1-18W T-8 Cool White LED Tube	sets	33.00												
26.5.5	IL-6 Recessed Mounted, LED Downlight with Cover	sets	45.00												
26.5.6	IL-7 Recessed Mounted, LED Downlight without Cover	sets	27.00												

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ITEM NO.	DESCRIPTION	Unit	Qty	Unit Cost	Amount	Unit Cost	Amount	Direct Cost	ОСМ	Profit	VAT	Indirect Cost	Unit Cost	Total Cost	REMARKS
		(1)	(2)	(3)	(4) (2 x 3)	(5)	(6) (2 x 5)	(7) (4 + 6)	(8) 10%	(9) 8%	(10) 5%	(11) (8 + 9 + 10)	(13) (12 /2)	(12) (7 + 11)	<u> </u>
26.5.8	IL-10 Surfaced Mounted, LED Downlight with Cover	sets	11.00		(2 x 3)		(2,3)	(4+0)	1070	070	370	(0+3+10)	(12/2)	(7 + 11)	
26.5.10	IL-12 Surfaced Mounted Cove Lighting	set													8 deferred
26.5.11	Emergency Lights	sets	11.00												
26.5.12	Exit Lights	sets	2.00												
26.5.13	Hangers, Fittings and Accessories	lot	1.00												
26.6	Complete Supply and Installation of Lightning Protection System as per Plan, Drawing Details and Specifications	lot	1.00												
26.7	Testing & Commissioning	lot	1.00												
26.8	Others (Specify)	lot	1.00												
	SUB - TOTAL OF ELECTRICAL														
DIV. 27	COMMUNICATIONS														
27.1	Complete Supply, Installation of Voice and Data Structured Cabling/Local Area Network System as per Plan, Drawing Details and Specifications														
27.2	Complete Supply, Installation of Public Address System as per Plan, Drawing Details and Specifications														
27.2.1	Ceiling Mounted Loudspeakers 6W	set	-												97.00
27.2.2	Wall Mounted Loudspeakers 10W	set	-												1.00
27.2.3	Equipment Rack complete with ventillation fan,	set	-												1.00
27.2.4	System Management Amplifier	set	-												1.00
27.2.5	System Management Amplifier Ext.	set	-												3.00
27.2.6	Paging Microphone	set	-												1.00
27.2.7	Media Player (CD, DVD, Bluray, USB, AM/FM)	set	-												1.00
27.2.8	Monitor Panel	set	-												1.00
27.2.9	AC Adaptor	set	-												1.00
27.2.10	Emergency Power Supply	set	-												1.00
27.2.11	Battery (12V, 65AH)	set	-												1.00
27.2.12	UPS	set	-												1.00
27.2.13	#16 TF Shielded Twisted Pair	l.m.	660.00												
27.2.14	25mmØ IMC Conduit complete with fittings & accessories	l.m.	429.00												
27.2.15	Junction Box	pcs	130.00												
27.2.16	Pull Box	pcs	4.00												
27.2.17	Miscellaneous Materials	lot	1.00												
27.2.18	Testing & Commissioning	lot	-												
27.2.19	Others (Specify)	lot	1.00												
27.3	Complete Supply, Installation, Testing, and Commissioning of Master Clock System (Philippine Standard Time) as per Plan, Drawing Details and Specifications														
27.3.1	Time Server / Masterclock	set	-												1.00
27.3.2	Digital Clock / Secondary Clock	set	-												37.00
27.3.3	Universal Information Outlet CAT6 Single Port	set	-												37.00
27.3.4	48 Port POE Network Switch	set	-												2.00
27.3.5	48 Port Copper Patch Panel	set	-												3.00

ITEM NO.	DESCRIPTION	Unit	Qty	MATERIALS		LABOR		Discret Cont		MARK UPS		I	U-it Ct	T-1-1 C1	DEMARKS
				Unit Cost	Amount	Unit Cost	Amount	Direct Cost	ОСМ	Profit	VAT	Indirect Cost		Total Cost	REMARKS
		(1)	(2)	(3)	(4) (2 x 3)	(5)	(6) (2 x 5)	(7) (4 + 6)	(8) 10%	(9) 8%	(10) 5%	(11) (8 + 9 + 10)	(13) (12 /2)	(12) (7 + 11)	
27.3.6	24 Port Copper Patch Panel	set	-		(2 x 3)		(2 x 3)	(4+0)	1070	070	370	(0+3+10)	(12/2)	() + 11)	2.00
27.3.7	3KVA UPS	set	-												1.00
27.3.8	8 Port Fiber Patch Panel	set	-												1.00
27.3.9	Cable Manager	set	-												1.00
27.3.10	Equipment Rack 12U	set	-												1.00
27.3.11	CAT6 UTP	l.m.	990.00												
27.3.12	25mmØ IMC Conduit complete with fittings & accessories	l.m.	495.00												
27.3.13	32mmØ IMC Conduit complete with fittings & accessories	l.m.	10.00												
27.3.14	75mmØ IMC Conduit complete with fittings & accessories	l.m.	70.00												
27.3.15	Junction Box	pcs	100.00												
27.3.16	Pull Box	pcs	4.00												
27.3.17	Miscellaneous Materials	lot	1.00												
27.3.18	Testing & Commissioning	lot	-												
27.3.19	Others (Specify)	lot	1.00												
27.4	Others (Specify)														
	SUB - TOTAL OF COMMUNICATIONS														
DIV. 28	ELECTRONIC SAFETY AND SECURITY														
28.1 F	Complete Supply, Installation of CCTV System as per Plan, Drawing Details and Specifications														
28.1.1	CCTV Camera, Ceiling Mounted, Dome type	set	-												12.00
28.1.2	CCTV Camera, Wall Mounted, Bullet type, Weatherproof	set	-												7.00
28.1.3	Network Video Recorder 64-Channel	set	-												1.00
28.1.4	3TB Hard Disk Drives	set	-												8.00
28.1.5	46" Large Format Display	set	-												2.00
28.1.6	48 Port POE Network Switch	set	-												1.00
28.1.7	CCTV Workstation	set	-												1.00
28.1.8	3KVA UPS	set	-												1.00
28.1.9	48 Port Copper Patch Panel	set	-												1.00
28.1.10	Cable Manager	set	-												1.00
28.1.11	Equipment Rack 42U	set	-												1.00
28.1.12	CAT6 UTP	sets	600.00												
28.1.13	25mmØ IMC Conduit complete with fittings & accessories	l.m.	225.00												
28.1.14	50mmØ IMC Conduit complete with fittings & accessories	l.m.	50.00												
28.1.15	Junction Box	pcs	40.00												
28.1.16	Pull Box	pcs	4.00												
28.1.17	Miscellaneous Materials	lot	1.00												
28.1.18	Testing & Commissioning	lot	-												
28.1.19	Others (Specify)	lot	1.00												
28.2	Complete Supply, Installation of Fire Detection Alarm System as per Plan, Drawing Details and Specifications														
28.2.1	Addressable Fire Control Panel 220V	set	-												1.00
28.2.2	Optical smoke detector (Addessable)	set	-												82.00

ITEM NO.	DESCRIPTION	Unit	Qty	MATERIALS		LABOR		Direct Cost	MARK UPS			Indirect Cost	Unit Cost	Total Cost	REMARKS
				Unit Cost	Amount	Unit Cost	Amount	Direct Cost	ОСМ	Profit	VAT	Indirect Cost	Unit Cost	l otal Cost	REMARKS
11211110.		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(13)	(12)	
					(2 x 3)		(2 x 5)	(4 + 6)	10%	8%	5%	(8 + 9 + 10)	(12 /2)	(7 + 11)	
28.2.3	Heat Detector (Addressable)	set	-												15.00
28.2.4	Detector base	set	-												97.00
28.2.5	Call Station or Call point	set	-												7.00
28.2.6	Sounder/Strobe	set	-												7.00
28.2.7	Monitor Module	set	-												13.00
28.2.8	Control Module	set	-												7.00
28.2.9	UPS	set	-												1.00
28.2.10	Flow Switch	set	-												3.00
28.2.11	Supervisory Switch	set	-												3.00
28.2.12	#16 TF Shielded Twisted Pair	l.m.	750.00												
28.2.13	25mmØ IMC Conduit complete with fittings & accessories	l.m.	600.00												
28.2.14	Junction Box	рс	- 97.00												
28.2.15	Pull Box	pcs	4.00												
28.2.16	Miscellaneous Materials	lot	1.00												
28.2.17	Testing & Commissioning	lot	-												
28.2.18	Others (Specify)	lot	1.00												
28.3	Others (Specify)														
	SUB - TOTAL OF ELECTRONIC SAFETY AND SECURITY	•													
	TOTAL AMOUNT OF CONSTRUCTION														

Reference:

DPWH Department Order 197, Series of 2016 - "Revised Guidelines in the Preparation of Approved Budget for the Contract (ABC)"

B. Indirect Cost shall consist of the following:

- B.1 Overhead Expenses Ranges from 7 11% of the EDC which includes the following: B.1.1 Engineering and Administrative Supervision; B.1.2 Transportation allowances; B.1.3 Office expenses, e.g., for office equipment and supplies, power and water consumption, communication and maintenance, B.1.4 Premium on Contractor's All Risk Insurance (CARI). B.1.5 Financing Cost: (a) Premium on Bid Security; (b) Premium on Performance Security; (c) Premium on Surety for Advance Payment; (d) Premium on Warranty Bond (one year).
- B.2 Contingencies Ranges from 0.5 3% of the EDC. These include expenses for meetings, coordination with other stake holders, billboards (excluding project billboard which is a pay item under the General Requirements), stages, during ground breaking & inauguration ceremonies and other unforseen events.
- B.3 Miscellaneous Expenses Ranges from 0.5 1% of the EDC. These include laboratory tests for quality control and plan preparation.
- B.4 Contractor's Profit Margin Shall be 8% of the EDC for projects above P5Million and 10% for projects P5Million and below.
- B.5 Vat Component- Shall be 5% of the sum of the EDC, OCM and Profit.
- B.6 The following items shall not be subjected to OCM and Profit markup: B.6.1 Mobilization and Demobilization; B.6.2 Provision of Service Vehicle; B.6.3 Permits and Clearances;
- B.7 The following non-civil works items shall not be subjected to OCM markup: B.7.1 Field/Laboratory Office and Living Quarters (Rental Basis); B.7.2 Furnishing of Furniture, Laboratory Equipment, Survey Equipment and Consumables; B.7.3 Assistance to the Engineers; B.7.4 Photographs; B.7.5 Health and Safety B.7.6 Traffic Management; B.7.7 Environmental Compliance; B.7.8 Communication Equipment.

Note: For the percentage to be used for Nos. B.1 , B.2, B.3, See OCM (Overhead, Contingencies and Miscellaneous) Column in the Tabulation below.

Prepared By:

Ar. Mariano S. Arce, Jr. Principal Architect May 20, 2021

Estimated Direct Cost	Indirect Cos & Pr	t % for OCM ofit	Total Indiract Cost % fo			
Estillated Direct Cost	OCM (% of EDC)	Profit (% of EDC)	OCM and Profit			
Up to P5Million	15	8	25			
Above P150M	8	8	16			