COMPLETION OF ADMINISTRATION BUILDING AND COMPLETION OF ACADEMIC BUILDING I

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

				MATE	RIALS	LAE	BOR	Direct		MARK UPS		Indirect		
ITEM		Unit	Qty	Unit Cost	Amount	Unit Cost	Amount	Cost	ОСМ	Profit	VAT	Cost	Total Cost	Unit Cost
NO.	DESCRIPTION	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
					(2 x 3)		(2 x 5)	(4+6)	10%	8%	5%	(8 + 9 + 10)	(7 + 11)	(12 /2)
DIV. 1	GENERAL REQUIREMENTS													
1.1	Complete Temporary Facilities (Temporary Water Service and Distribution; Electric Power and Lighting Services; Heating, Cooling and Ventilation; Telephone and Service Data; Temporary Facilities including Drinking Water; Storm and Sanitary Sewer; Storm Water Pollution Control	lot	1.00											
1.2	Complete Support Utilities (Field Office for the General Contractor; Storage and Fabrication Sheds; Dewatering Facilities and Drains; Temporary Enclosure; Temporary Stairs, Lifts, and Hoists; Temporary Exterior Lighting; Collection and Disposal of Waste and Clearing; Temporary Environmental Controls; and Temporary Barracks for On-Site Laborers/Man Power	lot	1.00											
1.3	Complete Supply of Health, Safety and Security (First Aid Facilities; Health and Safety Officer; Security Guards for Site and Agency; Temporary Fire Protection; Barricades, Warning Signs and Lights; Environmental Protection and Traffic Ways	lot	1.00											
1.4	Supply and Installation of Project Signs, Complete	lot	1.00											
1.5	Mobilization and Demobilization	lot	1.00											
1.6	Building & Occupancy Permit Facilitation	lot	1.00											
1.7	Site Survey, Complete	lot	1.00											
	Bonds & Insurances	lot	1.00											
1.9	Others (Specify)													
	SUB - TOTAL OF GENERAL REQUIREMENTS													
DIV. 2	CONCRETE													
2.1	Complete Supply and Installation of Pre-Cast and Sun Baffles as per Plan, Drawing Details & Specifications													
2.1.1	SB-1 - 3500mm x 1000mm	sets	14.00											
2.1.2	SB-2 - 3400mm x 1000mm	sets	39.00											
2.1.3	SB-3 - 3350mm x 1000mm	sets	14.00											
2.1.4	SB-5 - 2700mm x 1000mm	sets	5.00											
2.1.5	SB-7 - 2600mm x 1000mm	sets	15.00											
2.1.6	SB-9 - 1775mm x 1000mm	sets	9.00											
2.2	Others (Specify)	lot	1.00											
	SUB - TOTAL OF CONCRETE													
DIV. 3	MASONRY													
3.1	Complete Supply and Installation of Concrete Hollow Blocks (CHB) as per Plan, Drawing Details and Specifications													

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3.1.1	150mm \ 6"Thk. CHB, Including Steel Reinforcement, Mortar and Tie Wires, Complete	sq.m.	908.90						
3.1.2	100mm \ 4" Thk. CHB, Including Steel Reinforcement, Mortar and Tie	sq.m.	2,956.07						
3.2	Complete Supply and Installation of Concrete Zocallo as per Plan, Drawing Details & Specifications								
3.2.1	150mm Thk. Zocallo	l.m.	252.51						
	100mm Thk. Zocallo	l.m.	947.80						
	Complete Supply and Installation of Lintel Ream as per Plan								
3.3	Drawing Details & Specifications								
3.3.1	150mm Thk. Lintel Beam	l.m.	252.51						
3.3.2	100mm Thk. Lintel Beam	l.m.	947.80						
3.4	Complete Supply and Installation of Stiffener Column as per								
2.4.1	Plan, Drawing Details & Specifications 150mm Thk, Stiffener Column	Lee	202.07						
		l.m.	302.97						
	100mm Thk. Stiffener Column	l.m.	920.77						
3.5	Others (Specify)	lot	1.00						
	SUB - TOTAL OF MASONRY								
DIV. 4	METALS								
4.1	Complete Supply and Installation of Stainless Steel Hand Railing at Main Stair & as per Plan, Drawing Details and Specifications	lot	1.00						
4.2	Complete Supply and Installation of Extended Canopy Framing System as per Plan, Drawing Details and Specifications	lot	1.00						
4.3	Others (Specify)	lot	1.00						
	SUB - TOTAL OF METAL								
DIV. 5	THERMAL AND MOISTURE PROTECTION								
5.1	Complete Supply and Installation of Waterproofing System as								
) J. L	non Dian. Descripe Details and Considerations								
	per Plan, Drawing Details and Specifications								
5.1.1	per Plan, Drawing Details and Specifications WP-1 - Polyurethane Membrane Waterproofing (Deck waterproofing	sq.m.	99.81						
	and Toilets) WP-2 - Acrylic Polymer Cementatious Waterproofing system (Ledges	sq.m.	99.81						
5.1.1 5.1.2	and Toilets) WP-2 - Acrylic Polymer Cementatious Waterproofing system (Ledges and parapet wall)	sq.m.	10.78						
5.1.1	and Toilets) WP-2 - Acrylic Polymer Cementatious Waterproofing system (Ledges and parapet wall) Others (Specify)								
5.1.1 5.1.2 5.2	and Toilets) WP-2 - Acrylic Polymer Cementatious Waterproofing system (Ledges and parapet wall) Others (Specify) SUB - TOTAL OF THERMAL & MOISTURE PROTECTION	sq.m.	10.78						
5.1.1 5.1.2 5.2	and Toilets) WP-2 - Acrylic Polymer Cementatious Waterproofing system (Ledges and parapet wall) Others (Specify)	sq.m.	10.78						
5.1.1 5.1.2 5.2 DIV. 6	and Toilets) WP-2 - Acrylic Polymer Cementatious Waterproofing system (Ledges and parapet wall) Others (Specify) SUB - TOTAL OF THERMAL & MOISTURE PROTECTION OPENINGS Complete Supply and Installation of Doors complete with door knobs & accessories as per Plan, Drawing Details and	sq.m.	10.78						
5.1.1 5.1.2 5.2 DIV. 6	and Toilets) WP-2 - Acrylic Polymer Cementatious Waterproofing system (Ledges and parapet wall) Others (Specify) SUB - TOTAL OF THERMAL & MOISTURE PROTECTION OPENINGS Complete Supply and Installation of Doors complete with door knobs & accessories as per Plan, Drawing Details and Specifications D-1b - Frameless Glass Door with Aluminum Fixed Glass Panels and	sq.m.	10.78						
5.1.1 5.1.2 5.2 DIV. 6	and Toilets) WP-2 - Acrylic Polymer Cementatious Waterproofing system (Ledges and parapet wall) Others (Specify) SUB - TOTAL OF THERMAL & MOISTURE PROTECTION OPENINGS Complete Supply and Installation of Doors complete with door knobs & accessories as per Plan, Drawing Details and Specifications D-1b - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (5600 x 2600) D-1c - Frameless Glass Door with Aluminum Fixed Glass Panels and	sq.m.	10.78						
5.1.1 5.1.2 5.2 DIV. 6 6.1 6.1.1	and Toilets) WP-2 - Acrylic Polymer Cementatious Waterproofing system (Ledges and parapet wall) Others (Specify) SUB - TOTAL OF THERMAL & MOISTURE PROTECTION OPENINGS Complete Supply and Installation of Doors complete with door knobs & accessories as per Plan, Drawing Details and Specifications D-1b - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (5600 x 2600) D-1c - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (5750 x 2600)	sq.m. lot	1.00						
5.1.1 5.1.2 5.2 DIV. 6 6.1 6.1.1	and Toilets) WP-2 - Acrylic Polymer Cementatious Waterproofing system (Ledges and parapet wall) Others (Specify) SUB - TOTAL OF THERMAL & MOISTURE PROTECTION OPENINGS Complete Supply and Installation of Doors complete with door knobs & accessories as per Plan, Drawing Details and Specifications D-1b - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (5600 x 2600) D-1c - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (5750 x 2600) D-1g - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (5000 x 2600) D-1m - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (5000 x 2600) D-1m - Frameless Glass Door with Aluminum Fixed Glass Panels and	sq.m. lot set set	1.00 1.00 1.00						
5.1.1 5.1.2 5.2 DIV. 6 6.1 6.1.1 6.1.2	and Toilets) WP-2 - Acrylic Polymer Cementatious Waterproofing system (Ledges and parapet wall) Others (Specify) SUB - TOTAL OF THERMAL & MOISTURE PROTECTION OPENINGS Complete Supply and Installation of Doors complete with door knobs & accessories as per Plan, Drawing Details and Specifications D-1b - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (5600 x 2600) D-1c - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (5750 x 2600) D-1g - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (5000 x 2600) D-1m - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (3225 x 2600) D-1n - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (3225 x 2600) D-1n - Frameless Glass Door with Aluminum Fixed Glass Panels and	sq.m. lot set set set	10.78 1.00 1.00 1.00 1.00						
5.1.1 5.1.2 5.2 DIV. 6 6.1 6.1.1 6.1.2 6.1.3	and Toilets) WP-2 - Acrylic Polymer Cementatious Waterproofing system (Ledges and parapet wall) Others (Specify) SUB - TOTAL OF THERMAL & MOISTURE PROTECTION OPENINGS Complete Supply and Installation of Doors complete with door knobs & accessories as per Plan, Drawing Details and Specifications D-1b - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (5600 x 2600) D-1c - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (5750 x 2600) D-1g - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (5000 x 2600) D-1m - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (3205 x 2600) D-1n - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (3205 x 2600) D-1n - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (3200 x 2600) D-1n - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (3200 x 2600)	sq.m. lot set set set set	1.00 1.00 1.00 1.00 1.00						
5.1.1 5.1.2 5.2 DIV. 6 6.1 6.1.1 6.1.2 6.1.3 6.1.4	and Toilets) WP-2 - Acrylic Polymer Cementatious Waterproofing system (Ledges and parapet wall) Others (Specify) SUB - TOTAL OF THERMAL & MOISTURE PROTECTION OPENINGS Complete Supply and Installation of Doors complete with door knobs & accessories as per Plan, Drawing Details and Specifications D-1b - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (5600 x 2600) D-1c - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (5750 x 2600) D-1g - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (5000 x 2600) D-1m - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (3205 x 2600) D-1n - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (3200 x 2600) D-10 - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (3000 x 2600) D-10 - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (3000 x 2600) D-10 - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (3000 x 2600) D-10 - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (3000 x 2600)	sq.m. lot set set set set set set set set	1.00 1.00 1.00 1.00 1.00 1.00						
5.1.1 5.1.2 5.2 DIV. 6 6.1 6.1.1 6.1.2 6.1.3 6.1.4 6.1.5 6.1.6	and Toilets) WP-2 - Acrylic Polymer Cementatious Waterproofing system (Ledges and parapet wall) Others (Specify) SUB - TOTAL OF THERMAL & MOISTURE PROTECTION OPENINGS Complete Supply and Installation of Doors complete with door knobs & accessories as per Plan, Drawing Details and Specifications D-1b - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (5600 x 2600) D-1c - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (5750 x 2600) D-1g - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (5000 x 2600) D-1m - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (3225 x 2600) D-1n - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (3200 x 2600) D-1o - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (3200 x 2600) D-1o - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (3000 x 2600)	sq.m. lot set set set set set set	1.00 1.00 1.00 1.00 1.00						

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6.1.	9 D-1t - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (2550 x 2600)	set	1.00						
6.1.1	0 D-1u - Frameless Glass Door with Aluminum Fixed Glass Panels and Transom (2525 x 2600)	set	1.00						
6.1.1		set	1.00						
6.1.1	2 D-4 - Frosted Glass Door For Shower Door (600 x 2000)	sets	2.00						
6.1.1	3 Transom (800 x 2600)	set	1.00						
6.1.1	4 D-7b - Flush Wood Door with Louvers and Glass Transom (700 x 2600)	set	1.00						
6.1.1	(800 x 2600)	sets	2.00						
6.1.1	6 D-10a - Steel Door with Vision Glass Panel with Glass Transom 1 (2000 x 2600)	sets	2.00						
6.1.1	(2600)	sets	4.00						
6.1.1	8 D-11b - Steel Door with Louvers and Fixed Glass Transom (800 x 2600)	sets	6.00						
6.1.1	9 D-12c - Steel Door with Glass Transom (900 x 2600)	sets	1.00						
6.1.2	0 D-13 - Steel Door with Vision Panel and Jalousie Transom (900 x 2600)	sets	16.00						
6.1.2	1 D-14 - Fire Exit Door: Fire Rated Steel Door with Wired Glass View Panel (1000 x 2100)	sets	2.00						
6.1.2	2 D-15 - Steel Door with Vision Glass Panel with Glass Transom 2 (800 x 2100)	set	1.00						
6.	Complete Supply and Installation of Windows complete with accessories as per Plan, Drawing Details and Specifications								
6.2.	W-1a - Aluminum Fixed Glass Panels with Seamless Awning Windows (1350 x 2600 mm)	sets	14.00						
6.2.	W-1h - Aluminum Fixed Glass Panels with Seamless Awning Windows	sets	13.00						
6.2.	W-1c - Aluminum Fixed Glass Panels with Seamless Awning Windows	sets	3.00						
6.2.	W-3a - Aluminum Fixed Glass Panels with Seamless Awning Windows	sets	12.00						
6.2.	W-3c - Aluminum Fixed Glass Panels with Seamless Awning Windows	sets	15.00						
6.2.	W-3d - Aluminum Fixed Glass Panels with Seamless Awning Windows	sets	2.00						
6.2.	W-3e - Aluminum Fixed Glass Panels with Seamless Awning Windows	sets	2.00						
6.2.	W-3f - Aluminum Fixed Glass Panels with Seamless Awning Windows	sets	2.00						
6.2.	9 W-3g - Aluminum Fixed Glass Panels with Seamless Awning Windows (±1200 x 1600 mm)	sets	3.00						
6.2.1	0 W-3h - Aluminum Fixed Glass Panels with Seamless Awning Windows (±1000 x 1600)	set	1.00						
6.2.1	W-3i - Aluminum Fixed Glass Panels with Seamless Awning Windows	set	1.00						
6.2.1	mm)	sets	3.00						
6.2.1	3 W-4b - Aluminum Framed Seamless Awning Windows (±1200 x 700 mm)	sets	3.00						
6.2.1	4 W-4c - Aluminum Framed Seamless Awning Windows (1000 x 700 mm)	set	1.00						
	5 W-7 - Aluminum Framed Fixed Panels (5400 x 1600 mm)	set	1.00						
	6 W-8 - Jalousie Windows (3000 x 1700 mm)	set	1.00						
6.2.1	7 W-9a - Jalousie Windows (±1350 x 1700 mm)	sets	28.00						

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						1			1	
	W-9b - Jalousie Windows (±1200 x 1700 mm)	sets	16.00							
6.2.19	W-10 - Jalousie Windows (880 x 1700 mm)	sets	2.00							
6.2.20	W-11 - Jalousie Windows (3000 x 1700 mm)	sets	8.00							
6.3	Complete Supply and Installation of Glass Wall Partition									
6.3	complete with accessories as per Plan, Drawing Details and Specifications									
6.3.1	GWP-1 - Glass Wall Partition (±2530 x 2600)	sets	2.00							
	Complete Supply and Installation of Canopy Glass Panels									
6.4	complete with accessories as per Plan, Drawing Details and									
	Specifications									
6.4.1	GP-1 - 12mm thick Tempered Clear Glass Panels (1500 x 880mm)	sets	11.00							
6.4.2	GP-2 - 12mm thick Tempered Clear Glass Panels (1500 x 990mm)	sets	11.00							
6.4.3	GP-3 - 12mm thick Tempered Clear Glass Panels (1500 x 1050mm)	sets	11.00							
644	GP-4 - 12mm thick Tempered Clear Glass Panels (1600 x 880mm)	sets	2.00							
	, , , , , , , , , , , , , , , , , , , ,									
6.4.5	GP-5 - 12mm thick Tempered Clear Glass Panels (1600 x 990mm)	sets	2.00							
6.4.6	GP-6 - 12mm thick Tempered Clear Glass Panels (1600 x 1050mm)	sets	2.00							
6.5	Others (Specify)	lot	1.00							
	SUB - TOTAL OF OPENINGS									
	FINISHES									
7.1	Complete Supply and Installation of Floor Finishes as per Plan, Drawing Details and Specifications									
7.1.1	FF-2 - Polished Finish Natural Marble/Granite Stone	sq.m.	355.20							
	FF-3 - Polished Finish Homogenous Porcelain Tiles	sq.m.	983.02							
	FF-4 - Matte Finish Homogenous Porcelain Tiles	sq.m.	203.60							
7.1.4	FF-5 - Matte Finish Homogenous Porcelain Tiles with Honed Finish		55.38							
	Natural Granite Stone Nosing	sq.m.								
	FF-6 - Carpet Tiles	sq.m.	9.06							
	FF-7 - Rubber Tiles	sq.m.	48.47							
7.1.7	FF-8 - Plain Cement Floor Finish with Epoxy Paint	sq.m.	52.77							
7.1.8	FF-9 - Plain Cement Finish with Epoxy Paint and Stainless Steel Nosing	sq.m.	18.56							
7.1.9	FF-10 - Plain Cement Floor Finish with Expansion Grooves 1	sq.m.	28.21							
7.1.10	FT-2 - Natural Granite Stone Nosing 2 (Interior Floor Termination (100 mm x 18-20m Thk)	lm	47.25							
7.1.11	FT-3 - Natural Granite Stone Nosing 3 (Interior and Toilet Entry Floor	lm	8.40							
	Termination (100 mm x 18-20m Thk) Complete Supply and Installation of Wall Finishes as per Plan,									
	Drawing Details and Specifications (including plastering and									
7,2.1	painting works) WF- 1a - Exterior CHB Walls (150mm Thick) (complete with plastering	sq.m.	908.90							
	& painting) WF- 2a - Exterior Concrete Columns (complete with plastering &	<u> </u>								
7.2.2	painting)	sq.m.	158.13							
7.2.3	WF- 3a - Exterior Parapet Walls and Ledges (complete with plastering & painting)	sq.m.	1,043.16							
7.2.4	WF- 4a - Exterior Pre-Cast Concrete Wall (painting only)	sq.m.	52.54							
7.2.5	WF- 5a - Exterior Build Up Wall	sq.m.	84.13							
7.2.6	WF- 6a - Exterior Build Up Reinforced Concrete Wall	sq.m.	219.81							
727	WF- 1b - Interior CHB Cement Plaster Wall Finish Painted (plastering &	sq.m.	3,153.34							
7.2.7	painting only)	34.111.	3,133.34							

720	WF- 2b - Interior Concrete Column and Shear Wall	ca m	412.47						
7.2.0	WF- 4b - Interior CHB wall/Column with Matte Finish Homogenous	sq.m.							
	Porcelain Liles	sq.m.	340.52						
7.2.10	(wall)	sq.m.	93.22						
	WF-3C - 150mm thk Decorative Precast concrete Wall with Plain Semi-								
7.2.11	Gloss Water Based 100% Acrylic Painnt with High Alkaline Resistance and Excellence Gloss retention								
7 2 12	SB-1 - 3500mm x 1000mm	sets	14.00						
	SB-2 - 3400mm x 1000mm	sets	39.00						
	SB-3 - 3350mm x 1000mm	sets	14.00						
	SB-5 - 2700mm x 1000mm	sets	5.00						
	SB-7 - 2600mm x 1000mm	sets	15.00						
	SB-9 - 1775mm x 1000mm	sets	9.00						
	WF- 2C - Granite Wall		17.03						
7.2.10	Complete Supply and Installation of Ceiling Finishes as per	sq.m.	17.03						
7.3	Plan, Drawing Details and Specifications								
7.3.1	CF-1 - Gypsum Board Ceiling Finish	sq.m.	987.33						
732	CF-2 - Lay -In Beveled Tegular Edge Mineral Fiber Acoustic Ceiling	sq.m.	335.18						
7.5.2	Board - Fine Textured CF-3 - Interior Exposed Ceiling: Exposed Reinforced Concrete Slab,	34.111.	333.10						
7.3.3	beams	sq.m.	731.01						
	CF-4 - Exterior Exposed Ceiling: Exposed Reinforced Concrete Slab								
	(Ledges)	sq.m.	72.32						
7.3.5	CF-5 - Fiber Cement Board (Exterior Ceiling Eaves)	sq.m.	212.61						
7.3.6	CF-6 - Glass Fiber Reinforced Concrete (GFRC)	sq.m.	307.60						
7.3.7	Ceiling Cove	lm	333.87						
7.3.8	Ceiling Cove Light	lm	307.60						
7.4	Others (Specify)	lot	1.00						
	SUB - TOTAL OF FINISHES								
DIV. 8	SPECIALTIES								
	Complete Supply and Installation of Toilet Compartments,								
8.1	Cubicles, Partitions and Accessories as per Plan, Drawing Details and Specifications								
8.1.1	TCD-1 - Toilet Cubicle with Partition	sets	15.00						
	UP-1 - Urinal Partition	sets	6.00						
	TCL-1 - Toilet Cubicle Ledges	sets	11.00						
	UPL-1 - Urinal Plumbing Ledges	sets	6.00						
	Complete Supply and Installation of Facial Mirrors as per Plan,	3660	5.00						
0.2	Drawing Details and Specifications								
	FM-1 - Facial Mirror for Male and Female Toilets								
_	3100mm x 900mm	set	1.00						
	2125mm x 900mm	set	1.00						
	2250mm x 900mm	set	1.00						
_	2230mm x 900mm	set	1.00						
	FM-2 - Facial Mirror for PWD, Private Toilet and Bath								
8.2.2.1	600mm x 900mm	set	1.00						
8.3	Complete Supply and Installation of Toilet Accessories as per								
	Plan, Drawing Details and Specifications TH-1 -Tissue Paper Holder 1		1.00						
	TH-2 -Tissue Paper Holder 2	pcs	1.00						
8.3.2	TIT-2 - TISSUE Paper Holder 2	pcs	11.00						

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022	BD - Bidet	sets	12.00						
	HD - Hand Dryer	units	5.00						
	LSD - Liquid Soap Dispenser		10.00						
	GR - Disabled Grab Rail	pcs Im							
	SHO - Shower Head, Mixer and Spout - In Wall Type		5.00						
	UFV - Push Button Type Urinal Flush Valve	sets	2.00						
		sets	6.00						
8.3.9	SH - Soap Holder	sets	2.00						
8.4	Complete Supply and Installation of Toilet Fixtures as per Plan, Drawing Details and Specifications								
8.4.1	WC - Water Closet	sets	12.00						
8.4.2	UR1 - Urinal 1	sets	6.00						
8.4.3	LAV -1- Under Counter Lavatory	sets	10.00						
8.4.4	LAV -2- Wall Mounted Lavatory	sets	1.00						
8.4.5	LF- Lever Type Single Hole Basin mixer Faucet	sets	11.00						
	FD - Floor Drains	sets	7.00						
8.5	Drawing Details and Specifications								
8.5.1	3700mm x 600mm	sets	2.00						
8.5.2	1000mm x 600mm	sets	2.00						
8.5.3	1350mm x 600mm	set	1.00						
8.5.4	3100mm x 600mm	set	1.00						
8.5.5	2125mm x 600mm	set	1.00						
8.5.6	2250mm x 600mm	set	1.00						
8.5.7	2230mm x 600mm	set	1.00						
8.6	Complete Supply and Installation of Signages as per Plan, Drawing Details and Specifications								
8.6.1	Ceiling Mounted Signages - shall be 6mm thk. opaque acrylic plastic with 3M sticker for lettering, logo and design, on a 19mm marine plywood (Class A) hidden framing system complete with 1.2mm thk. x 19mm x 50mm stainless steel tubular vertical hanger with flange attached to ceiling.								
8.6.1.1	Interior Signage (800mm x 150mm)	set	1.00						
8.6.1.2	Interior Signage (1000mm x 200mm)	sets	1.00						
8.6.2	powder coated fitting construction and fire retardant moulded acrylic diffuser								
	Interior Signage (435mm x 280mm) with arrow signal	sets	4.00						
	Interior Signage (435mm x 280mm)	sets	2.00						
8.6.3	Interior Building and Logo Signage	set	1.00						
8.6.4	Others (Specify)	lot	1.00						
	SUB - TOTAL OF SPECIALTIES								
DIV. 9	EQUIPMENT								
9.1	Complete Supply and Installation of Food Service Equipment as per Plan, Drawing Details and Specifications								
9.1.1	Kitchen Area (Sinks and Counters)	lot	1.00						
	SUB - TOTAL OF EQUIPMENT								
DIV. 10	FURNISHING								

				ı	1	1	1	•	•	•	1	
10.1	Complete Supply and Installation of Janitor Cabinet (complete with shelves & carcass) as per Plan, Drawing Detaisl and											
10.1	Specifications											
10.1.1	1200mm x 2100mm x 600mm (Janitorial Cabinet at Third Floor)	set	1.00									
	Others (Specify)	lot	#REF!									
10.2	SUB - TOTAL OF FURNISHINGS	100	#IXELL:									
DTV 11	CONVEYING EQUIPMENT											
D14. 11	Complete Supply and Installation of Passenger Elevator as per Plans,											
11.1	Drawing Details and Specifications	unit	1.00									
11.2	Others (Specify)	lot	1.00									
	SUB - TOTAL OF CONVEYING EQUIPMENT											
DIV. 12	PLUMBING											
12.1	Complete Supply and Installation of Cold Water Distribution System as per Plans, Drawing Details and Specifications											
12.1.1	Potable Cold Water Supply Lines (Risers, Downfeeds and Distribution Lines)											
12.1.1.1	20mmØ PPR Pipe Cold Water Supply Line	l.m.	99.00									
12.1.1.2	25mmØ PPR Pipe Cold Water Supply Line	l.m.	114.75									
12.1.1.3	32mmØ PPR Pipe Cold Water Supply Line	l.m.	18.00									
12.1.1.4	50mmØ PPR Pipe Cold Water Supply Line	l.m.	70.20									
12.1.1.5	65mmØ PPR Pipe Cold Water Supply Line	l.m.	24.75									
12.1.1.6	75mmØ PPR Pipe Cold Water Supply Line	l.m.	16.20									
12.1.2	Non-Potable Cold Water Supply Lines (Risers, Downfeeds and Distribution Lines)											
	25mmØ PPR Pipe Cold Water Supply Line	l.m.	50.40									
12.1.2.2	32mmØ PPR Pipe Cold Water Supply Line	l.m.	72.00									
12.1.2.3	40mmØ PPR Pipe Cold Water Supply Line	l.m.	20.25									
12.1.2.4	50mmØ PPR Pipe Cold Water Supply Line	l.m.	69.30									
12.1.2.5	65mmØ PPR Pipe Cold Water Supply Line	l.m.	4.00									
12.1.2.6	75mmØ PPR Pipe Cold Water Supply Line	l.m.	16.20									
12.1.3	Cold Water Lines (For inside toilet and bath or roughing-in of toilets)											
12.1.3.1	20mmØ PPR Pipe Cold Water Supply Line	l.m.	8.00									
12.1.3.2	25mmØ PPR Pipe Cold Water Supply Line	l.m.	8.00									
12.1.3.3	32mmØ PPR Pipe Cold Water Supply Line	l.m.	8.00									
12.1.4	Complete Supply and Installation of Gate Valves as per Plans, Drawing Details and Specifications											
	20mmØ Gate Valve	pcs	9.00									
12.1.4.2	25mmØ Gate Valve	pcs	4.00									
12.1.4.3	32mmØ Gate Valve	pcs	9.00									
	75mmØ Gate Valve	pcs	5.00									
12.1.5	Complete Supply and Installation of Check Valves as per Plans, Drawing Details and Specifications											
12.1.5.1	75mmØ Check Valves	pcs	7.00									
12.1.6	Complete Supply and Installation of Float Valves as per Plans, Drawing Details and Specifications											
	75mmØ Float Valves	pcs	3.00									
12.2	Complete Supply and Installation of Sewer, Waste and Vent System as per Plans, Drawing Details and Specifications											
	System as per Figure, Drawing Details and Specifications											

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1221	Soil Stacks and Collector								
	100mmØ Pvc Pipe Soil Stacks and Collector	l.m.	54.00						
	The state of the s		27.00						
	150mmØ Pvc Pipe Soil Stacks and Collector	l.m.	32.40						
	200mmØ Pvc Pipe Soil Stacks and Collector	l.m.	32.40						
	Horizontal Pipes								
	50mmØ Pvc Horizontal Pipes	l.m.	113.40						
	Kitchen Waste Stacks and Collector								
	100mmØ Waste Pipe	l.m.	40.00						
	Floor Drains								
	50mmØ Floor Drain	pcs	11.00						
	Floor / Ground Cleanouts								
12.2.5.1	100mmØ Floor/Ground Cleanouts	pcs	5.60						
12.2.5.2	200mmØ Floor/Ground Cleanouts	pcs	2.00						
12.2.6	Vent Stack and Vent Lines								
	50mmØ Pvc Pipe Vent Stacks and Vent Lines	l.m.	156.60						
12.2.6.2	75mmØ Pvc Pipe Vent Stacks and Vent Lines	l.m.	60.75						
12.2.6.3	100mmØ Pvc Pipe Vent Stacks and Vent Lines	l.m.	4.00						
	Complete Supply and Installation of Storm drainage system,								
12.3	downspout, collector perforated perimeter pipe including fittings and accessories as per Plans, Drawing Details and								
	Specifications								
12.3.1	Inside pipes: Downspout and collector								
12.3.1.1	100mmØ Pvc Downspout and Collector	l.m.	116.00						
12.3.1.1	150mmØ Pvc Downspout and Collector	l.m.	30.00						
12.3.2	Ceiling Clean out								
12.3.2.1	50mmØ Ceiling Clean Out	pcs	8.00						
12.3.3	Condensate drain pipes and fittings w/ insulation								
12.3.3.1	25mmØ Condensate Drain Pipes and Fittings with Insulation	l.m.	68.00						
	25mmØ Condensate Drain Pipes and Fittings with Insulation 50mmØ Condensate Drain Pipes and Fittings with Insulation	I.m.	68.00 64.00						
12.3.3.2			1						
12.3.3.2	50mmØ Condensate Drain Pipes and Fittings with Insulation	l.m.	64.00						
12.3.3.2 12.3.3.3	50mmØ Condensate Drain Pipes and Fittings with Insulation 100mmØ Condensate Drain Pipes and Fittings with Insulation SUB-TOTAL OF PLUMBING ELECTRICAL	l.m.	64.00						
12.3.3.2 12.3.3.3	50mmØ Condensate Drain Pipes and Fittings with Insulation 100mmØ Condensate Drain Pipes and Fittings with Insulation SUB-TOTAL OF PLUMBING ELECTRICAL Complete Supply and Installation of Lightning Protection System as per	l.m.	64.00						
12.3.3.2 12.3.3.3	50mmØ Condensate Drain Pipes and Fittings with Insulation 100mmØ Condensate Drain Pipes and Fittings with Insulation SUB-TOTAL OF PLUMBING ELECTRICAL Complete Supply and Installation of Lightning Protection System as per	I.m.	64.00 8.00						
12.3.3.2 12.3.3.3 DIV. 13	50mmØ Condensate Drain Pipes and Fittings with Insulation 100mmØ Condensate Drain Pipes and Fittings with Insulation SUB-TOTAL OF PLUMBING ELECTRICAL	I.m.	64.00 8.00						
12.3.3.2 12.3.3.3 DIV. 13	50mmØ Condensate Drain Pipes and Fittings with Insulation 100mmØ Condensate Drain Pipes and Fittings with Insulation SUB-TOTAL OF PLUMBING ELECTRICAL Complete Supply and Installation of Lightning Protection System as per Plan, Drawing Details and Specifications Complete Supply and Installation of Panel Boards and Circuit Breakers as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor)	I.m. I.m.	64.00 8.00						
12.3.3.2 12.3.3.3 DIV. 13 13.1	50mmØ Condensate Drain Pipes and Fittings with Insulation 100mmØ Condensate Drain Pipes and Fittings with Insulation SUB-TOTAL OF PLUMBING ELECTRICAL Complete Supply and Installation of Lightning Protection System as per Plan, Drawing Details and Specifications Complete Supply and Installation of Panel Boards and Circuit Breakers as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor) Complete Supply and Installation of Conduits, Junction Box, Utility Box, Collice Row, Wijen Cutter, Rouge complete with Eititing Management.	I.m. I.m. lot	1.00 1.00						
12.3.3.2 12.3.3.3 DIV. 13	50mmØ Condensate Drain Pipes and Fittings with Insulation 100mmØ Condensate Drain Pipes and Fittings with Insulation SUB-TOTAL OF PLUMBING ELECTRICAL Complete Supply and Installation of Lightning Protection System as per Plan, Drawing Details and Specifications Complete Supply and Installation of Panel Boards and Circuit Breakers as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor) Complete Supply and Installation of Conduits, Junction Box, Utility Box, Splice Box, Wire Gutter, Boxes, complete with Fittings, Hangers,	I.m. I.m.	64.00 8.00						
12.3.3.2 12.3.3.3 DIV. 13 13.1	50mmØ Condensate Drain Pipes and Fittings with Insulation 100mmØ Condensate Drain Pipes and Fittings with Insulation SUB-TOTAL OF PLUMBING ELECTRICAL Complete Supply and Installation of Lightning Protection System as per Plan, Drawing Details and Specifications Complete Supply and Installation of Panel Boards and Circuit Breakers as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor) Complete Supply and Installation of Conduits, Junction Box, Utility Box, Collice Row, Wijen Cutter, Rouge complete with Eititing Management.	I.m. I.m. lot	1.00 1.00						
12.3.3.2 12.3.3.3 DIV. 13 13.1 13.2	50mmØ Condensate Drain Pipes and Fittings with Insulation 100mmØ Condensate Drain Pipes and Fittings with Insulation SUB-TOTAL OF PLUMBING ELECTRICAL Complete Supply and Installation of Lightning Protection System as per Plan, Drawing Details and Specifications Complete Supply and Installation of Panel Boards and Circuit Breakers as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor) Complete Supply and Installation of Conduits, Junction Box, Utility Box, Splice Box, Wire Gutter, Boxes, complete with Fittings, Hangers, Supports as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor)	l.m. lot lot	1.00 1.00						
12.3.3.2 12.3.3.3 DIV. 13 13.1 13.2	50mmØ Condensate Drain Pipes and Fittings with Insulation 100mmØ Condensate Drain Pipes and Fittings with Insulation SUB-TOTAL OF PLUMBING ELECTRICAL Complete Supply and Installation of Lightning Protection System as per Plan, Drawing Details and Specifications Complete Supply and Installation of Panel Boards and Circuit Breakers as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor) Complete Supply and Installation of Conduits, Junction Box, Utility Box, Splice Box, Wire Gutter, Boxes, complete with Fittings, Hangers, Supports as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor)	I.m. I.m. lot	1.00 1.00						
12.3.3.2 12.3.3.3 DIV. 13 13.1 13.2 13.3	50mmØ Condensate Drain Pipes and Fittings with Insulation 100mmØ Condensate Drain Pipes and Fittings with Insulation SUB-TOTAL OF PLUMBING ELECTRICAL Complete Supply and Installation of Lightning Protection System as per Plan, Drawing Details and Specifications Complete Supply and Installation of Panel Boards and Circuit Breakers as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor) Complete Supply and Installation of Conduits, Junction Box, Utility Box, Splice Box, Wire Gutter, Boxes, complete with Fittings, Hangers, Supports as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor) Complete Supply and Installation of Wires & Cables as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor)	l.m. lot lot lot	1.00 1.00 1.00						
12.3.3.2 12.3.3.3 DIV. 13 13.1 13.2	50mmØ Condensate Drain Pipes and Fittings with Insulation 100mmØ Condensate Drain Pipes and Fittings with Insulation SUB-TOTAL OF PLUMBING ELECTRICAL Complete Supply and Installation of Lightning Protection System as per Plan, Drawing Details and Specifications Complete Supply and Installation of Panel Boards and Circuit Breakers as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor) Complete Supply and Installation of Conduits, Junction Box, Utility Box, Splice Box, Wire Gutter, Boxes, complete with Fittings, Hangers, Supports as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor) Complete Supply and Installation of Wires & Cables as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor) Complete Supply and Installation of Lighting Fixtures as per Plan,	l.m. lot lot	1.00 1.00						
12.3.3.2 12.3.3.3 DIV. 13 13.1 13.2	50mmØ Condensate Drain Pipes and Fittings with Insulation 100mmØ Condensate Drain Pipes and Fittings with Insulation SUB-TOTAL OF PLUMBING ELECTRICAL Complete Supply and Installation of Lightning Protection System as per Plan, Drawing Details and Specifications Complete Supply and Installation of Panel Boards and Circuit Breakers as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor) Complete Supply and Installation of Conduits, Junction Box, Utility Box, Splice Box, Wire Gutter, Boxes, complete with Fittings, Hangers, Supports as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor) Complete Supply and Installation of Wires & Cables as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor) Complete Supply and Installation of Lighting Fixtures as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor)	l.m. lot lot lot	1.00 1.00 1.00						
12.3.3.2 12.3.3.3 DIV. 13 13.1 13.2 13.3 13.4	50mmØ Condensate Drain Pipes and Fittings with Insulation 100mmØ Condensate Drain Pipes and Fittings with Insulation SUB-TOTAL OF PLUMBING ELECTRICAL Complete Supply and Installation of Lightning Protection System as per Plan, Drawing Details and Specifications Complete Supply and Installation of Panel Boards and Circuit Breakers as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor) Complete Supply and Installation of Conduits, Junction Box, Utility Box, Splice Box, Wire Gutter, Boxes, complete with Fittings, Hangers, Supports as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor) Complete Supply and Installation of Wires & Cables as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor) Complete Supply and Installation of Lighting Fixtures as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor) Complete Supply and Installation of Lighting Fixtures as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor)	l.m. lot lot lot lot	1.00 1.00 1.00 1.00						
12.3.3.2 12.3.3.3 DIV. 13 13.1 13.2 13.3 13.4	50mmØ Condensate Drain Pipes and Fittings with Insulation 100mmØ Condensate Drain Pipes and Fittings with Insulation SUB-TOTAL OF PLUMBING ELECTRICAL Complete Supply and Installation of Lightning Protection System as per Plan, Drawing Details and Specifications Complete Supply and Installation of Panel Boards and Circuit Breakers as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor) Complete Supply and Installation of Conduits, Junction Box, Utility Box, Splice Box, Wire Gutter, Boxes, complete with Fittings, Hangers, Supports as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor) Complete Supply and Installation of Wires & Cables as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor) Complete Supply and Installation of Lighting Fixtures as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor) Complete Supply and Installation of Electrical Devices (switches, outlets & other electrical devices) as per Plan, Drawing Details and	l.m. lot lot lot	1.00 1.00 1.00						
12.3.3.2 12.3.3.3 DIV. 13 13.1 13.2 13.3 13.4 13.5	50mmØ Condensate Drain Pipes and Fittings with Insulation 100mmØ Condensate Drain Pipes and Fittings with Insulation SUB-TOTAL OF PLUMBING ELECTRICAL Complete Supply and Installation of Lightning Protection System as per Plan, Drawing Details and Specifications Complete Supply and Installation of Panel Boards and Circuit Breakers as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor) Complete Supply and Installation of Conduits, Junction Box, Utility Box, Splice Box, Wire Gutter, Boxes, complete with Fittings, Hangers, Supports as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor) Complete Supply and Installation of Wires & Cables as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor) Complete Supply and Installation of Lighting Fixtures as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor) Complete Supply and Installation of Lighting Fixtures as per Plan, Drawing Details and Specifications (Third Floor and Fourth Floor)	l.m. lot lot lot lot	1.00 1.00 1.00 1.00						

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SUB - TOTAL OF ELECTRICAL							
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.

Estimated Direct		Cost % for Profit	Total Indiract Cost
Cost	OCM (% of EDC)	Profit (% of EDC)	% for OCM and Profit
Up to P5Million	15	8	25
Above P5M up to P50M	12	8	20
Above P50M up to	10	8	18
Above P150M	8	8	16

Prepared By:

Ar. Mariano S. Arce, J Principal Architect November 25, 2019

Signature Box

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