

Project : CONSTRUCTION OF ACADEMIC BUILDING FOR SENIOR HIGH PROGRAM  
 : 22-11-116

Location : PSHS-MC, Agham Road, Diliman, Quezon City

**BILL OF QUANTITIES**

Item No.	Description	Unit	Qty	Materials		Labor		Direct Cost	Mark Ups			Indirect Cost	Total Cost	Unit Cost
				U/C	Amount	U/C	Amount		OCM 10%	Profit 8%	VAT 5%			
				(1)	(2)	(3)	(4)		(5)	(6)	(7)			
				(1) x (2)	(1) x (4)	(3) + (5)	(6) x 10%	(6) x 8%	[(6) + (7) + (8)] x 5%	(6) + (7) + (8)	(6) + (10)	(11) / (1)		
<b>DIV. 1</b>	<b>GENERAL REQUIREMENTS</b>													
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 Oearing ; 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 Are 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	Demobilization	lot	1.00											
1.6	Bonds & Insurances	lot	1.00											
1.7	Others (Specify)													
<b>SUB- TOTAL OF GENERAL REQUIREMENTS</b>														
<b>DIV. 2</b>	<b>EXISTING CONDITIONS</b>													
2.1	Removal of Structures & Obstruction and Hauling of Debris (Turn-over recyclable materials)	sq.m.	368.00											
2.2	Others (Specify)	lot	1.00											
<b>SUB- TOTAL OF EXISTING CONDITIONS</b>														
<b>DIV. 3</b>	<b>CONCRETE</b>													
3.1	Complete Supply and Installation of Reinforcing Bars Grade 40 as per Plans, Drawing Details and Specifications													
3.1.13	Bleacher	kgs.	13,223.20											
3.2	Complete Supply and Installation of Formworks as per specifications													
3.2.13	Bleacher	sq.m.	719.54											
3.3	Complete Supply and Installation of concrete as per Plans, Drawing Details and Specifications													
3.3.13	Bleacher	cu.m.	73.07											
3.5	Others (Specify)	lot												
<b>SUB- TOTAL OF CONCRETE</b>														
<b>DIV.5</b>	<b>METALS</b>													

5.1	<b>Complete Supply and Installation of Steel Roof Framing System as per Plan, Drawing Details and Specifications</b>													
5.1.1	Steel Trusses	kgs.	36,386.93											
5.1.2	Purlins	kgs.	44,597.54											
5.1.3	Sag Rod & Cross Bracing Support Connection & Accessories	kgs.	1,606.60											
<b>SUB- TOTAL OF METAL</b>														
<b>DIV.7</b>	<b>THERMAL AND MOISTURE PROTECTION</b>													
7.1	<b>Complete Supply and Installation of Roofing System as per Plan, Drawing Details and Specifications</b>													
7.1.1	High Rib-Type Long Span Steel Roofing; 0.80mm Thick (Gauge 22), 995mm Nominal Width x 95mm Rib Height; "Ivory" Color	m2	921.77											
7.1.2	Roofing Accessories (Gutter, Rashing, Ridge Roll, PE Foam Insulation, 2"x2" Welded Steel Matting, etc.)	lot	1.00											
7.2	<b>Complete Supply and Installation of Waterproofing System as per Plan, Drawing Details and Specifications</b>													
7.2.1	WP-1 - Polyurethane Membrane Waterproofing (Deck water proofing and Toilets)	m2	377.40											
7.3	Others (Specify)													
<b>SUB- TOTAL OF THERMAL &amp; MOISTURE PROTECTION</b>														
<b>DIV.8</b>	<b>OPENINGS</b>													
8.1	<b>Complete Supply and Installation of Doors complete with door knobs &amp; accessories as per Plan, Drawing Details and Specifications</b>													
8.1.6	D-2a - Frameless Glass Door with Aluminum Framed Fixed Glass Panel and Transom (3100 x 2600)	sets	2.00											
8.1.7	D-2b - Frameless Glass Door with Aluminum Framed Fixed Glass Panel and Transom (3400 x 2600)	sets	2.00											
8.1.13	D-3a - Frameless Glass Door with Aluminum Main Framing and Fixed Glass Transom (1800 x 2600)	sets	2.00											
8.1.15	D-4 - Semi-Solid Wooden Door with View Glass Panels and Jalousie Transom (1500 x 2600)	set	0.00											
8.1.16	D-5- Semi-Solid Wooden Door and Glass Transom (900 x 2600)	sets	0.00											
8.1.17	D-6 Semi-Solid Wooden Door with Louvers with Glass Transom (900 x 2600)	sets	0.00											
8.1.18	D-7a- Flush Wood Door with Louvres and Glass Transom (800 x 2600)	set	5.00											
8.1.19	D-7b Flush Wood Door with Louvers with Glass Transom (700 x 2600)	sets	3.00											
8.1.20	D-8a - Steel Door with Vision Glas Panel with Glass Transom (1800 x 2600)	sets	1.00											
8.1.23	D-8d Steel Door with Vision Glas Panel with Glass Transom (900 x 2600)	sets	2.00											
8.1.26	D-9b Steel Door with Glass Transom (18000 x 2600)	sets	2.00											
8.1.27	D-9c Steel Door with Glass Transom (900 x 2600)	sets	3.00											
8.1.29	D-10b - Steel Door with Louvers and Fixed Glass Transom (900 x 2600)	sets	4.00											
8.1.37	D-12 Steel Door with Vision Glass Panel with Glass Transom 2 (900 X 2600)	set	3.00											
8.1.38	D-13a- Fire Exit Door; Fire Rated Steel Door with Wired Glass View Panel (1800 X 2100)	sets	2.00											

8.1.39	D-13b- Fire Exit Door; Fire Rated Steel Door with Wired Glass View Panel (1000 X 2100)	sets	4.00																	
8.1.40	D-13c- Fire Exit Door; Fire Rated Steel Door with Wired Glass View Panel (900 X 2100)	sets	1.00																	
8.1.42	D-15a Steel Door with Full Louvers (1800 x 2100)	sets	2.00																	
8.1.44	D-15c Steel Door with Full Louvers (800 x 2100)	sets	6.00																	
8.1.45	D-16 - Steel Door with Louvers (800 x 2100)	sets	2.00																	
8.1.46	D-17 - Steel Door (800 x 1700)	sets	3.00																	
8.1.50	D-19 - Gasketed Steel Door (1000 x 2100)	sets	2.00																	
8.1.51	D-20 - Frosted Glass Door for Shower Cubicle (800 x 2000)	sets	8.00																	
<b>8.2</b>	<b>Complete Supply and Installation of Windows complete with accessories as per Plan, Drawing Details and Specifications</b>																			
8.2.1	W-1a - Jalousie Window (1900x 2850mm)	sets	3.00																	
8.2.2	W-1b- Jalousie Window (5000 x 2400mm)	set	1.00																	
8.2.3	W-2a - Jalousie Window (6000 x 2400mm)	sets	4.00																	
8.2.4	W-2b- Jalousie Window (5000 x 2400mm)	sets	2.00																	
8.2.5	W-2c - Jalousie Window (3000 x 2400mm)	sets	2.00																	
8.2.6	W-3 -Jalousie Window (4000 x 1700mm)	set	1.00																	
8.2.7	W-4 - Jalousie Window (3000 x 1700mm)	sets	5.00																	
8.2.8	W-5- Jalousie Window (2000 x 1700mm)	sets	18.00																	
8.2.9	W-6a- Jalousie Window (1700 x 1700mm)	sets	8.00																	
8.2.10	W-6b- Jalousie Window (1600 x 1700mm)	sets	8.00																	
8.2.11	W-7- Jalousie Window (1500 x 1700mm)	sets	42.00																	
8.2.12	W-8- Jalousie Window (1400 x 1700mm)	sets	17.00																	
8.2.13	W-9 - Jalousie Window (1300 x 1700mm)	sets	17.00																	
8.2.14	W-10- Jalousie Window (1200 x 1700mm)	sets	57.00																	
8.2.15	W-11 -Jalousie Window (1100 x 1700mm)	sets	44.00																	
8.2.16	W-12 -Jalousie Window (1000 x 1700mm)	sets	6.00																	
8.2.17	W-13 -Jalousie Window (950 x 1700mm)	sets	16.00																	
8.2.18	W-14 -Jalousie Window (850 x 1700mm)	sets	4.00																	
8.2.19	W-15a -Jalousie Window (3000 x 750mm)	sets	10.00																	
8.2.20	W-15b -Jalousie Window (2000 x 750mm)	sets	2.00																	
8.2.21	W-15c -Jalousie Window (1600 x 750mm)	set	1.00																	
8.2.22	W-15d -Jalousie Window (1500 x 750mm)	sets	10.00																	
8.2.23	W-15e -Jalousie Window (1400 x 750mm)	sets	5.00																	
8.2.24	W-15f -Jalousie Window (1000 x 750mm)	sets	8.00																	
8.2.25	W-16a- Jalousie Window & Aluminum Framed Fixed Glass Panels (6000 x 1700mm)	sets	3.00																	
8.2.26	W-16b- Jalousie Window & Aluminum Framed Fixed Glass Panels (5000 x 1700mm)	sets	3.00																	
8.2.27	W-16c- Jalousie Window & Aluminum Framed Fixed Glass Panels (4000 x 1700mm)	sets	3.00																	
8.2.28	W-16d- Jalousie Window & Aluminum Framed Fixed Glass Panels (3000 x 1700mm)	sets	10.00																	
8.2.29	W-16e- Jalousie Window & Aluminum Framed Fixed Glass Panels (2000 x 1700mm)	sets	9.00																	
8.2.30	W-16e- Jalousie Window & Aluminum Framed Fixed Glass Panels (1000 x 1700mm)	sets	17.00																	
8.2.31	W-17- Aluminum Framed Fixed Glass Panels & Sliding Windows with Jalousie Transom (3000 x 750mm)	set	1.00																	
8.2.32	W-18a- Aluminum Framed Fixed Glass Panels Transom (5000 x 750mm)	set	1.00																	
8.2.33	W-18b- Aluminum Framed Fixed Glass Panels Transom (3000 x 750mm)	set	1.00																	
8.2.34	W-19a- Jalousie Window (6750 x 3850mm)	set	1.00																	

8.2.35	W-19b- Aluminum Framed Fixed Glass Panels with Jalousie (6750 x 3850mm)	sets	2.00											
8.2.36	W-19c- Aluminum Framed Fixed Glass Panels with Jalousie (6750 x 2720mm)	set	1.00											
<b>SUB - TOTAL OF OPENINGS</b>														
<b>DIV.9</b>	<b>FINISHES</b>													
<b>9.1</b>	<b>Complete Supply and Installation of Floor Finishes as per Plan, Drawing Details and Specifications</b>													
9.1.1	FF-1- Bush Hammered/Flamed Finish Natural Granite Stone	sq.m.	96.75											
9.1.2	FF-2- Polished Natural Marble/Granite Stone	sq.m.	1,653.59											
9.1.3	FF-3- Polished Concrete	sq.m.	1,246.00											
9.1.4	FF-4- Polished Finish Homogenous Porcelain Tiles	sq.m.	2,371.24											
9.1.5	FF-5- Matte Finish Homogenous Porcelain Tiles	sq.m.	304.20											
9.1.10	FF-10- Plain Cement Floor Finish with Epoxy Paint	sq.m.	292.08											
9.1.11	FF-11- Plain Cement Floor Finish with Epoxy Paint and Stainless Steel Nosing	sq.m.	453.80											
9.1.14	FF-14- Plain Cement Floor Finish with Expansion Grooves 3	sq.m.	183.00											
9.1.16	FT-1- Natural Granite Stone Nosing 1 (Exterior Floor Termination (100 mm x 18-20m Thk)	lm	115.50											
9.1.17	FT-2- Natural Granite Stone Nosing 2 (Interior Floor Termination (100 mm x 18-20m Thk)	lm	171.60											
9.1.18	FT-3- Natural Granite Stone Nosing 3 (Interior and Toilet Entry Floor Termination (100 mm x 18-20m Thk)	lm	39.20											
9.1.19	FT-4- Natural Granite Stone Nosing 4 (Elevator Lobby to Floor Termination (100 mm x 18-20m Thk)	lm	15.40											
<b>9.2</b>	<b>Complete Supply and Installation of Wall Finishes as per Plan, Drawing Details and Specifications</b>													
	WF-1c - Interior CHB Cement Plaster Wall Finish - Not Painted	sq.m.	6,781.49											
9.2.9	WF-4b- Interior CHB Wall/column with Matte Finish Homogenous Porcelain Tiles	sq.m.	401.76											
9.2.10	WF-5b- Interior CHB with Polished Finished Porcelain Tiles (For Kitchen Wall)	sq.m.	340.26											
<b>SUB- TOTAL OF FINISHES</b>														
<b>TOTAL AMOUNT OF CONSTRUCTION</b>														