Project : CONSTRUCTION OF ACADEMIC BUILDING FOR SENIOR HIGH PROGRAM

: 23-03-040

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

## **BILL OF QUANTITIES**

## 22 MARCH 2023

ABC PHP 58,000,000.00

	DECORPTION			MAT	ERIALS	LA	BOR		MARK-UPS IN PERCENT		TOTAL TOTAL COST				
ITEM		UNIT	QTY	UNIT COST AMOUNT		UNIT COST AMOUNT		DIRECT COST	OCM PROFIT		VAT	INDIRECT			TOTAL COST
NO.	DESCRIPTION	40	(0)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	% WT	UNIT COST
		(1)	(2)	(3)	(2) x (3)		(2) x (5)	(4) + (6)	(7) x 10%	(7) x 8%	[(7) + (8) + (9)] x 5%	(8) + (9) + (10)	(7) + (11)		
DIV. 1	GENERAL REQUIREMENTS														
1.1	Complete Temporary Facilities (Temporary Water	lot	1.00												
1.2	Complete Support Utilities (Field Office for the	lot	1.00												
1.3	Complete Supply of Health, Safety and Secuirity	lot	1.00												
1.4	Supply and Installation of Project Sign Complete	lot	1.00												
1.5	Demobilization	lot	1.00												
	Bonds & Insurances	lot	1.00												
1.7	Others (Specify)	lot	1.00												
	SUB-TOTAL OF GENERAL REQUIREMENTS														
	EXISTING CONDITIONS		_									<b></b>	<b>_</b>		
	Removal of Structures & Obstructions and Hauling	sq.m.	368.00									ļ	<u> </u>		
2.2	Others (Specify)	lot	1.00												
	SUB-TOTAL OF EXISTING CONDITIONS														
	CONCRETE		-										<b></b>		
	Complete Supply and Installation of												<b></b>		
	Bleacher	kgs.	12,314.50										<b>_</b>	. <b>.</b>	
	Complete Supply and Installation of Formworks												<b></b>		
	Bleacher	sq.m.	1,149.55										<b></b>	. <b>.</b>	
3.3	Complete Supply and Installation of Concrete												<b>_</b>		
	Bleacher	cu.m.	120.30										<b></b>	. <b>.</b>	
3.5	Others (Specify)		005.00										<b></b>	. <b>.</b>	
	Mechanical Coupler	pcs	235.00												
DD/ 5	SUB-TOTAL OF CONCRETE														
	METALS		-			ļ						<b></b>	<b></b>		
	Complete Supply and Installation of Steel Roof	l	00 000 00			ļ <del>-</del>							<b>+</b>	.}	
5.1.1	Steel Trusses Purlins	kgs.	36,386.93			<b> </b>								.}	
5.1.2 5.1.3	Sag Rod & Cross Bracing Support Connection &	kgs.	44,597.54 1,606.60										<b>+</b>	. <b>}</b>	
5.1.3	SUB-TOTAL OF METAL	kgs.	1,000.00												
DIV 7	THERMAL AND MOISTURE PROTECTION														
	Complete Supply and Installation of Roofing		-										+	·}	
	High Rib-Type Long Span Steel Roofing; 0.80mm	m2	921.77			<del> </del>						<del> </del>	<b>+</b>	.}	
	Roofing Accessories (Gutter, Rashing, Ridge Roll,	lot	1.00			<del> </del>						<del> </del>	<b>+</b>	.}	
	Complete Supply and Installation of Waterproofing	101	1.00			<del> </del>						<del> </del>	<b>+</b>	.}	
	WP-1 Polyurethane Membrane Waterproofing	m2	377.40			<del> </del>						<del> </del>	<b>+</b>	.}	
	Others (Specify)	1112	377.40			<del> </del>							<b>†</b>	.}	
7.5	SUB-TOTAL OF THERMAL AND MOISTURE														
DIV 8	OPENINGS														
	Complete Supply and Installation of Doors		-			<del> </del>							<b>†</b>	.}	
	D-2a - Frameless Glass Door with Aluminum	sets	2.00								<u> </u>		<b>+</b>	·	
	D-2b- Frameless Glass Door with Aluminum	sets	0.00								<u> </u>		<b>+</b>	·	
	D-3a - Frameless Glass Door with Aluminum Main	sets	2.00						l			<b>†</b>	<b>†</b>		
	D-4 - Semi-Solid Wooden Door with View Glass	set	0.00												
	D-5- Semi-Solid Wooden Door and Glass Transom	set	0.00							1	1	†	<b>†</b>	1	
	D-6 Semi-Solid Woodedn Door with Louvers with	set	0.00								<b></b>	†	<b>†</b>	1	
	D-7a - Flush Wood Door with Louvers and Glass	sets	3.00			tt					·	<b>†</b>	<u> </u>	1	
	D-7b Flush Wood Door with Louvers with Glass	sets	1.00								<b></b>	†	<b>†</b>	1	
	D-8a Steel Door with Vision Glass Panel with	set	1.00			tt					·	<b>†</b>	<u> </u>	1	
	D-8d Steel Door with Vision Glass Panel with	sets	2.00			tt					·	<b>†</b>	<u> </u>	1	
	D-9b Steel Door with Glass Transom (1800 x	sets	2.00			tt					·	<b>†</b>	<u> </u>	1	
	D-9c Steel Door with Glass Transom (900 x 2600)	sets	3.00							1	1	†	<b>†</b>	1	
B					L	·		L	L	4	.4	<b>_</b>	<b>_</b>		

L 0.4.00 TB 401.01 TB		4.00	ı <del>-</del>	 т	 	r	1		Т	Т	·	
8.1.29 D-10b Steel Door with Louvers and Fixed Glass	sets	4.00		 	 							
8.1.37 D-12 Steel Door with Vision Glass Panel with	set	3.00		 	 		 		<b></b>	<b>_</b>		
8.1.38 D-13a Fire Exit Door; Fire Rated Steel Door with	sets	2.00		 	 							
8.1.39 D-13b Fire Exit Door; Fire Rated Steel Door with	sets	4.00										
8.1.40 D-13c Fire Exit Door; Fire Rated Steel Door with	set	1.00										
8.1.42 D-15a Steel Door with Full Louvers (1800 x 2100)	sets	2.00	T									
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		 	 				<b>+</b>	<b></b>		
			<b></b>	 	 				<b>+</b>	<b>+</b>		
8.1.50 D-19 Gasketed Steel Door (1000 x 2100)	sets	2.00		 	 				<b></b>	<b></b>		
8.1.51 D-20 Frosted Glass Door for Shower Cubicle (800	sets	0.00		 	 							
8.2 Complete Supply and Installation of Windows			<b> </b>	 	 		 		<b>↓</b>	<b>↓</b>		
8.2.1 W-1a Jalousie Window (1900 x 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	<del> </del>	 	 							
8.2.6 W-3 Jalousie Window (4000 x 1700mm)	set	1.00		 	 				<del> </del>	<b>†</b>		
8.2.7 W-4 Jalousie Window (3000 x 1700mm)	sets	5.00		 	 	<del> </del>			t	t	l	
8.2.8 W-5 Jalousie Window (2000 x 1700mm)				 	 	·			<del> </del>	<del> </del>		
	sets	18.00		 	 	<b></b>			<del> </del>	<del> </del>	<b> </b>	
	sets	8.00		 	 	ļ			<b>∔</b>	<b>∔</b>	<b>}</b>	
8.2.10 W-6b Jalousie Window (1600 x 1700mm)	sets	8.00		 	 	ļ			<b></b>	<b></b>	ļ	
8.2.11 W-7 Jalousie Window (1500 x 1700mm)	sets	42.00		 	 	ļ			<b>↓</b>	<b>↓</b>	<b></b>	
8.2.12 W-8 Jalousie Window (1400 x 1700mm)	sets	17.00	<u> </u>	 	 				<b></b>	<b></b>	ļ	
8.2.13 W-9 Jalousie Window (1300 x 1700mm)	sets	17.00	<u> </u>	 	 	ļ	<b></b>		<u> </u>	<u> </u>	<b>_</b>	
8.2.14 W-10 Jalousie Window (1200 x 1700mm)	sets	57.00	I T		 							
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	<del>-</del>	 								
8.2.17 W-13 Jalousie Window (950 x 1700mm)	sets	16.00	<del>-</del>	 								
8.2.18 W-14 Jalousie Window (850 x 1700mm)	sets	4.00		 	 				<del> </del>	<b>†</b>		
8.2.19 W-15a Jalousie Window (3000 x 750mm)	sets	0.00		 	 							
8.2.20 W-15b Jalousie Window (2000 x 750mm)	sets	0.00		 	 							
8.2.21 W-15c Jalousie Window (1600 x 750mm)	set	1.00		 	 				<b></b>	<b></b>		
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		 	 		 		<b></b>	<b>_</b>		
8.2.24 W-15f Jalousie Window (1000 x 750mm)	sets	8.00		 	 							
8.2.25 W-16a Jalousie Window & Aluminum Framed	sets	3.00										
8.2.26 W-16b Jalousie Window & Aluminum Framed	sets	3.00										
8.2.27 W-16c Jalousie Window & Aluminum Framed	sets	3.00	T									
8.2.28 W-16d Jalousie Window & Aluminum Framed	sets	10.00	<del>-</del>	 								
8.2.29 W-16e Jalousie Window & Aluminum Framed	sets	9.00		 	 							
8.2.30 W-16e Jalousie Window & Aluminum Framed	sets	17.00		 	 							
8.2.31 W-17 Jalousie Window & Aluminum Framed Fixed		1.00		 	 				<del> </del>	<del> </del>		
8.2.32 W-18 Aluminum Framed Fixed Glass Panels		1.00		 	 				<del> </del>	<del> </del>	<b> </b>	
	set			 	 	ļ			<b>∔</b>	<b>∔</b>	<b> </b>	
8.2.33 W-18b Aluminum Framed Fixed Glass Panels	set	1.00		 	 	ļ			<b> </b>	<b> </b>	<b> </b>	
8.2.34 W-19a Jalousie Window (6750 x 3850mm)	set	1.00		 	 	ļ			<b>_</b>	<b>↓</b>	ļ	
8.2.35 W-19b Aluminum Framed Fixed Glass Panels with		2.00	<u> </u>	 	 				<b></b>	<b></b>	ļ	
8.2.36 W-19c Aluminum Framed Fixed Glass Panels with	set	1.00										
SUB-TOTAL OF OPENINGS												
DIV. 9 FINISHES	<u> </u>				 							
9.1 Complete Supply and Installation of Floor				 	 							
9.1.1 FF-1 Bush Hammered/Flamed Finish Natural	sq.m.	96.75		 	 	[			T	T		
9.1.2 FF-2 Polished Natural Marble/Granite Stone	sq.m.	1,653.59		 	 	1	[		1	T	1	
9.1.3 FF-3 Polished Concrete	sq.m.	1,246.00		 	 	l			t	t	l	
9.1.4 FF-4 Polished Finish Homogenous Porcelain Tiles	sq.m.	2,371.24	<del> </del>	 	 	<del> </del>			t	t	<b> </b>	
9.1.5 FF-5 Matte Finish Homogenous Porcelain Tiles	sq.m.	304.20		 	 	<b></b>			<del> </del>	<del> </del>	<b> </b>	
	- <del> </del>			 	 				<del> </del>	<del> </del>	<b> </b>	
9.1.10 FF-10 Plain Cement Floor Finish with Epoxy Paint	sq.m.	292.08		 	 	ļ			<b>∔</b>	<b>∔</b>	<b>}</b>	
9.1.11 FF-11 Plain Cement Floor Finish with Epoxy Paint	sq.m.	453.80		 	 	ļ			<b></b>	<b></b>	<b> </b>	
9.1.14 FF-14 Plain Cement Floor Finish with Expansion	sq.m.	183.00		 	 				<b>↓</b>	<b>↓</b>	<b> </b>	
9.1.16 FT-1 Natural Granite Stone Nosing 1 (Exterior	lm	0.00		 	 	ļ			<b>↓</b>	<b>↓</b>	<b> </b>	
9.1.17 FT-2 Natural Granite Stone Nosing 2 (Interior Floor		0.00	<u> </u>	 	 	<u> </u>					<u>                                     </u>	
9.1.18 FT-3 Natural Granite Stone Nosing 3 (Interior and	lm	0.00	<u>                                     </u>	 <u></u>	 				<u> </u>	<u> </u>	<u> </u>	
9.1.19 FT-4 Natural Granite Stone Nosing 4 (Elevator	lm	0.00	<u> </u>	 	 	L			<u> </u>	L	<u> </u>	
9.2 Complete Supply and Installation of Wall	T								T	T		
WF-1c Interior CHB Cement Plaster Wall Finish	sq.m.	6,781.49		 	 	[			T	T		
9.2.9 WF-4b Interior CHB Wall/Column with Matte Finish		401.76		 	 	<b> </b>			<b>†</b>	<b>†</b>	<b> </b>	
L 1			ı⊥	 	 L	L	l	l	L	L	t	

9.2.10	WF-5b Interior CHB with Polished Finished	sq.m.	340.26				 		
	SUB-TOTAL OF FINISHES								
	TOTAL ESTIMATED COST								

## 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 OCM & ofit	Total Indirect Cost % for OCM					
	OCM (% of	Profit (% of	und i ront					
Up to P5Million	15	8	23					
Above P5M up to P50M	12	8	20					
Above P50M up to P150M	10	8	18					
Above P150M	8	8	16					