

Section VIII. Bill of Quantities

PROJECT: Repair and Renovation of BOC Gymnasium

LOCATION: Gate 3, South Harbor, Port Area, Manila

SUMMARY- BILL OF QUANTITIES					
SPEC'S ITEM NR	NAME OF ITEM	UNIT	UNIT PRICE	QTY	AMOUNT
A	MOBILIZATION/DEMOBILIZATION	lot		1.00	
B	DEMOLITION WORKS				
	Demolition of front and rear roofing and debris hauling from site	m ²		168	
	Demolition of walls and debris hauling from site	m ²		105	
	Demolition of staircase and debris hauling from site	lot		1	
	Demolition of existing 2 nd floor ceiling, and floor framing	m ²		52	
	Relocation of Water and pressure tank	lot		1	
	Removal of gym court flooring	m ²		450	
	Demolition of cafeteria	lot		1	
	Demolition of concrete stage	m ²		20	
	Demolition of concrete bleachers	lot		1	
	Demolition of GI sheet sidings and debris hauling from site	m ²		380	

C	MASONRY WORKS AND CONCRETE WORKS				
	Exterior walls	m ²		235	
	Interior walls	m ²		216	
	False brick plaster	m ³		1.5	
	Concrete slab	m ²		156	
	Concrete pavement	m ³		4.2	
D	CARPENTRY WORKS				
	Drywall	m ²		116	
	Ceiling	m ²		336	
	Drop Ceiling at court	m ²		282	
	1m x 50cm x 50cm 2 layer lockers, 7 doors per layer	set		2	
	400mm x 3300mm x 300mm High built-in Stepping board/locker bench with maple laminated sheet finish	set		1	
	400mm x 3800mm x 300mm High built-in Stepping board/locker bench with maple laminated sheet finish	set		1	
	Installation of Fiber cement sidings	m ²		855	
	Parapet wall, 150cm x 1.2m high	lm		122	
E	STEEL/METAL WORKS				
	Stainless steel and wood staircase, 1m wide wooden tread w/ steel stringer 100mm dia pipe handrail, 4 layer of rob, 5 balusters	set		2	
F	DOORS AND WINDOWS				

	12mm THK x 1000mm x 2100mm tempered double swing anti-heat film coated glass door panel FD100 with top and Bottom Frame, uPVC framing with complete accessories	set		3	
	900mm x 2100mm Kin dried single swing Solid Panel Door with Jamb and door knob	Set		5	
	12mm THK x 900mm x 2100mm tempered double swing full height smoked glass door panel FD100 with top and Bottom Frame, stainless framing with complete accessories	set		2	
	12mm THK by 700mm x 1800mm Phenolic compact board door finish for toilet partition complete with stainless accessories	Set		5	
	12mm THK x 800mm x 1800mm tempered single swing smoked frameless glass door panel complete with stainless accessories	Set		6	
	3000mm x 4000mm Roll up door with complete accessories	Set		1	
	900mm x 2800mm fixed type glass window with 12mm THK Tempered glass coated with anti-heat film, uPVC framing	Set		8	
	800mm x 600mm uPVC Awning Window with 12mm THK tempered glass coated with anti-heat film	Set		16	
	2400mm x 1200mm fixed type corner glass window with 12mm THK tempered glass coated with anti-heat film	Set		2	
	7500mm x 2400mm x 12mm THK Fixed Seamless tempered glass Full length window, uPVC Edge Framing	set		1	
	5600mm x 2400mm x 12mm THK Fixed Seamless tempered glass Full length	set		1	

	window, uPVC Edge Framing				
	Façade, 12mm THK x 1200mm Fixed Seamless tempered glass coated with anti-heat film, uPVC Edge Framing	lm		17	
	Toilet partition: Phenolic Compact board 700mm x 1800mm Phenolic compact board door finish for toilet partition complete with stainless accessories	m ²		14	
G	ROOFING WORKS				
	Pre-painted longspan high rib-type GI sheet w/ complete accessories such as ridge roll, eaves, insulation and accessories	m ²		890	
	PVC laminated panels	m ²		62	
H	TILING WORKS				
	60x30cm slate effect ceramic floor tiles in alternating pattern	m ²		163	
	60x30cm white ceramic wall tiles	m ²		48	
	30x30cm white ceramic wall tiles	m ²		48	
	Dark gray carpet tile	m ²		13	
	CrossFit gym rubber matting	m ²		135	
I	PAINTING WORKS				
	Interior, Glossy white latex paint finish Low VOC content, water-based paint	m ²		1032	
	Interior, white textured paint finish	m ²		34	
	Interior, Glossy Grey plain latex paint finish	m ²		158	
	Exterior, Grey Elastomeric paint finish	m ²		26	

	Exterior, King Cerulean Elastomeric paint finish	m ²		400	
	Bleachers, International Red Epoxy paint finish	m ²		130	
	Flooring, Dark Gray Epoxy paint finish	m ²		80	
J	PLUMBING WORKS				
	Water closet with complete fittings	set		5	
	Hot and cold shower set with heater and acc.	set		6	
	Urinal, new washbrook 650 (colorwhite) American standard	set		6	
	Countertop white ceramic lavatory	set		9	
	4"x4" metma floor drains	set		11	
	stainless faucet with complete accessories	set		9	
	25mm dia. x 4.2mm x 4m PPR Pipe	length		25	
	20mm dia. x 4.2mm x 4m PPR Pipe	length		15	
	25mm dia. PPR Coupling	pc		20	
	25mm dia. PPR Tee	pc		15	
	25mm x 20mm PPR Tee reducer	pc		25	
	25mm dia. x 90 deg. PPR bend	pc		19	
	20mm x 90 deg. PPR bend	pc		30	
	Gate valve	set		18	
	100mm dia. x 3m sanitary pipe	length		16	
	75mm dia. x 3m sanitary pipe	length		9	

	50mm dia. x 3m sanitary pipe	length		7	
	100mm x 75mm Wye reducer	pc		25	
	100mm x 50mm Wye reducer	pc		18	
	75mm x 45 deg. PVC elbow	pc		19	
	50mm x 45 deg. PVC elbow	pc		15	
	75mm x 90 deg. PVC elbow	pc		19	
	100mm clean out set	pc		7	
	50mm P-trap w/ plug	pc		14	
	Waterproofing	m ²		300	
K	ELECTRICAL WORKS				
	Main Distribution Panel (MDP) Main: 1-300/500AF,3P, 240VAC Branch circuit: 1- 100AT/250AF,3P,240VAC, bolt-on 1-80AT/100AF,3P,240VAC, bolt-on 1-125AT/250AF,3P,240VAC, bolt-on	set		1	
	Distribution Panelboard (DP-1) Main:1-100AT/250AF,3P,240VAC Branch Circuit: 15- 20AT/60AT,2P,240VAC, bolt-on 2- space	set		1	
	Distribution Panelboard (DP-2) Main:1-80AT/100AF,3P,240VAC Branch Circuit: 12- 20AT/60AT,2P,240VAC, bolt-on 2- space	set		1	
	Distribution Panelboard (DP-3) Main:1-125AT/250AF,3P,240VAC Branch Circuit: 4- 40AT/60AT,2P,240VAC, bolt-on 11-	set		1	

	30AT/60AF,2P,240VAC,bolt-on 2-space				
	Single pole switch in one plate cover	set		4	
	Two single pole switch in one plate cover	set		5	
	Three single pole switch in one plate cover	set		2	
	Duplex two-convenience universal outlet	set		17	
	80mm dia. Rigid steel conduit pipe	length		2	
	32mm dia. Rigid steel conduit pipe	length		1	
	25mm dia. Rigid steel conduit pipe	length		1	
	25mm dia. PVC Rigid conduit pipe	length		15	
	20mm dia. PVC Rigid conduit pipe	length		30	
	15mm dia. PVC Rigid conduit pipe	length		234	
	15mm dia. PVC flexible conduit pipe	roll		8	
	Pipe fittings and accessories	lot		1	
	200mm sq. THHN wire stranded	meter		45	
	38mm sq. THHN wire stranded	meter		6	
	30mm sq. THHN wire stranded	meter		6	
	22mm sq. THHN wire stranded	meter		6	
	8.0mm sq. THHN wire stranded	box		1	
	5.5mm sq. THHN wire stranded	box		2	
	3.5mm sq. THHN wire stranded	box		15	
	PVC Junction box	pc		80	

	PVC utility box	pc		28	
	Utility box GI#16	pc		20	
	Junction box GI#16	pc		111	
	Square box GI#16	pc		10	
	Pull box GI#16	pc		3	
	LED high bay light	set		32	
	LED flexible strip light 12-15w, 5m	set		10	
	4"x 9w round LED panel light, warm white	set		80	
	1x15w daylight LED lamp with 6" dia. Pinlight diamond reflector recessed mounted	set		79	
	9watts weatherproof LED spot light	set		12	
L	ARCHITECTURAL WORKS				
	10mm THK x 900mm x 2100mm Frameless mirror with warm white cove lights offset inside @100mm, mirror mounted on 20mm THK Plyboard extruded at 80mm from wall, complete with accessories	set		6	
	50mm x 150mm x 2600mm vertical slats spaced at 300mm on center with maple plain paint finish	set		6	
	1000mm x 1600mm rectangular cove light cladding with 100mm x 100mm Framing, as shown in perspectives and plans	set		4	
M	SPECIALTIES				
	Crystal white synthetic granite countertops	m ²		4	

	Silicon PU Synthetic Basketball Court Flooring with painting for other sports such as volleyball, badminton, and table tennis	m ²		520	
	Retractable basketball board	set		2	
	1.8m x 1.5m good for 3-4 sauna room in wood finish	set		2	

TOTAL DIRECT COST

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Material Cost

Labor Cost

Equip Cost

Mobilization

TOTAL DIRECT COST

INDIRECT COST

Overhead 12% of DC

Contractors Profit 8% DC

TOTAL INDIRECT COST

VAT (5% of DC + IC)

TOTAL PROJECT COST

Amount in Words _____

Submitted by:
