



Republic of the Philippines  
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Project: **CONSTRUCTION OF LIBRARY COLLABORATION ROOM**  
 Location: 3rd Floor Library, ISAT U Iloilo City Campus, La Paz, Iloilo City

**BILL OF QUANTITIES**

Item No.	Item / Description	Qty	Unit	Unit Cost	Total Cost
I.	<b>GENERAL REQUIREMENTS.</b> (Professional Plan Sign and Seal (Electronics/ECE), Water & Electricity, Health and Safety Requirements and Temporary Enclosure)				
	Sign & Seal ( Plans & Inspection - ELECTRONICS)	1	lot	10,000.00	10,000.00
	Water and Electricity	1	lot		
	Health and Safety Requirements (PPE, Uniform & Signages)	1	lot		
	Direct Cost	<i>Total Direct Cost</i>			
	Indirect Cost	VAT			
	<b>Sub Total</b>				
II.	<b>CONCRETE AND MASONRY WORKS</b> (Restoration and repair of existing RC walls, floor slab, and concrete topping/plastering of concrete surfaces affected by Plumbing/Electrical works or by the construction as shown on plans)				
	Portland Cement (40kgs. BPS Marked)		bags		
	Sand (washed, passing 1/4" sieve)		cu m		
	Gravel (screened, passing 3/4" sieve)		cu m		
	Direct Cost	<i>Material Cost</i>			
		<i>Labor Cost</i>			
		<i>Total Direct Cost</i>			
Indirect cost	<i>O.C.M &amp; Profit</i>				
	VAT				
	<b>Sub Total</b>				
III.	<b>WOODS, PLASTICS AND COMPOSITES</b> (Supply, Fabrication and Installation of dry wall double partition as per plans and specifications)				
	9.5mm Gypsum Board		sheets		
	0.50mm x 75mm x 3.0m. Metal Studs		lengths		
	0.50mm x 75mm x 3.0m. Metal Tracks		lengths		
	12mm Aluminum U-Channel Accent		lengths		
	Assorted Screws	1	lot		
	1/8" x 1/2" Blind Rivets		boxes		
	Riveter		pc		
	1" Concrete Nail		kg		
	Direct Cost	<i>Material Cost</i>			
		<i>Labor Cost</i>			
	<i>Total Direct Cost</i>				
Indirect cost	<i>O.C.M &amp; Profit</i>				
	VAT				
	<b>Sub Total</b>				



Item No.	Item / Description	Qty	Unit	Unit Cost	Total Cost
IV.	<b>THERMAL AND MOISTURE PROTECTION</b> (Supply and Application of dry wall double partition as per plans and specifications)				
	Polyurethane Foam Insulation Spray		cans		
	Cutter		pcs		
	Consumables	1	lot		
	Direct Cost			<i>Material Cost</i>	
				<i>Labor Cost</i>	
				<i>Total Direct Cost</i>	
	Indirect cost			<i>O.C.M &amp; Profit</i>	
				<i>VAT</i>	
	<b>Sub Total</b>				
V.	<b>DOORS AND GLAZING</b> (Supply, Fabrication and Installation of doors and glass partition walls as per plan and specifications)				
	<b>V.I Doors</b>				
	0.90 x 2.20m Sun Bronze Tinted Annealed Single Leaf Swing Door in Analok Aluminum Frame		sets		
	Heavy Duty Hinges, Door Handles and other Accessories		sets		
	<b>V.II Glass Partitions</b>				
	Sun Bronze Tinted Annealed Glass Partition in Analok Aluminum Frame (1.25m x 2.20m - 1 Panel)		set		
	Sun Bronze Tinted Annealed Glass Partition in Analok Aluminum Frame (1.00m x 2.20m - 1 Panel)		set		
	Sun Bronze Tinted Annealed Glass Partition in Analok Aluminum Frame (1.05m x 2.20m - 1 Panel)		set		
	Sun Bronze Tinted Annealed Glass Partition in Analok Aluminum Frame (1.95m x 2.20m - 2 Panels)		set		
	Sun Bronze Tinted Annealed Glass Partition in Analok Aluminum Frame (2.55m x 2.20m - 3 Panels)		set		
	Direct Cost			<i>Material Cost</i>	
				<i>Labor Cost</i>	
				<i>Total Direct Cost</i>	
	Indirect cost			<i>O.C.M &amp; Profit</i>	
				<i>VAT</i>	
	<b>Sub Total</b>				
VI.	<b>FINISHES</b> (Supply and Application of paints and other coatings as per plans and specifications including restoration of all finishes affected by plumbing/electrical works and other works needed)				
	<b>VI.I Painting</b>				
	Acrylic Latex Paint for all exposed concrete and masonry surfaces (Acrylic Conc. Primer, Full Latex Putty, Latex Semi-gloss)		sq m		
	Acrylic Latex and Textured Paint for all exposed dry wall surfaces (Acrylic Conc. Primer, Full Latex Putty, Latex Semi-gloss)		sq m		
	Acrylic Latex Paint for all affected ceiling (Acrylic Conc. Primer, Full Latex Putty, Flat Latex)		sq m		
	Epoxy Enamel Paint for all affected steel hangers and supports (Epoxy Primer and Reducer, Epoxy Enamel Base, Epoxy Enamel Hardener, Full Epoxy Putty, Semi-gloss/Gloss Epoxy Enamel)		sq m		
	Direct Cost			<i>Material Cost</i>	
				<i>Labor Cost</i>	
				<i>Total Direct Cost</i>	
		Indirect cost			<i>O.C.M &amp; Profit</i>
				<i>VAT</i>	
	<b>Sub Total</b>				



Item No.	Item / Description	Qty	Unit	Unit Cost	Total Cost
VII.	<b>ELECTRICAL</b> (Supply, installation and/or Adjustment of electrical roughing-ins, lighting fixtures and wall fan, wiring devices, conductors/wires and cables, conduits and boxes, power distribution system (panelboards and circuit breakers) including termination, testing and commissioning as per plans and specifications)				
	Power Panelboard, PB, Modular Type, polycarbonate/PVC body, 100A Frame, 230V, 1Ph, 60Hz, 2 Wires + Ground, Surface mounted on wall, tin coated busbars, 6 holes, Bolt-on, with the following circuit breakers: Main MCB, 63AT/100AF, 2P, 10KAIC Branch MCCB's: 2Nos. - 20AT/63AF, 2P, 10KAIC 3Nos. - 32AT/63AF, 2P, 10KAIC			assy.	
	16A, 230V, 2-gang Single Pole One-Way Switch, flush mounted, white color, including wiring, back boxes and conduits/raceway			set	
	16A, 230V, 3 Pin, 2-gang Duplex Socket Outlet, flush mounted, white color, including wiring, back boxes and conduits/raceway			set	
	20A, 230V, 60Hz, 3 Pin, Single Socket Outlet for Aircon, flush mounted, white color, including wiring, back boxes and conduits/raceway			set	
	80W Oscillating Wall Fan including wiring and conduits/raceway			set	
	Relocation of existing lighting fixtures and metal trunking, including conduits, supports, hangers, rewiring			set	
	2x14mm <sup>2</sup> CU/THHN-2 + 5.5mm <sup>2</sup> CU/THHN (green), including containment and accessories, including termination	1		lot	
	60AT/100AF, 2P, MCB to be fixed on the existing panelboard as directed by the University Electrical Engineer.			ea.	
	Testing & Commissioning	1		lot	
	Direct Cost				<i>Material Cost</i>
	Indirect cost				<i>Labor Cost (Labor and Engineering including Termination and Testing)</i>
	<b>Sub Total</b>				<i>Total Direct Cost</i>
				<i>O.C.M &amp; Profit</i>	
				<i>VAT</i>	



Item No.	Item / Description	Qty	Unit	Unit Cost	Total Cost	
IX.	<b>ELECTRONICS</b> (Supply and Installation of FDAS and Data/WiFi including including termination, testing and commissioning as per plans and specifications)					
	<b>A. FIRE DETECTION AND ALARM SYSTEM (FDAS)</b>					
		Smoke Detector		units		
		Smoke Detector Base		units		
		TF wire	1	lot		
	<b>B. CCTV SYSTEM</b>					
		CCTV Camera 2MP Dome		units		
		Cat6 UTP Cable		meters		
		12V Power Supply for 2 Camera		unit		
		DC Plug and Video Balun		sets		
		Roughing-in & Consumables	1	lot		
	<b>C. TEL/WIFI SYSTEM</b>					
		16-Port Gigabit Network Switch		unit		
		Wifi - Access Point (Wifi-6 Capable)		units		
		Cat6 Information Outlet		pcs		
		Duplex Faceplate		pcs		
		Cat6 UTP Cable		rolls		
		Roughing-in & Consumables	1	lot		
					<i>Material Cost</i>	
		Direct Cost			<i>Labor Cost (Labor and Engineering including Termination, Testing and Total Direct Cost</i>	
		Indirect cost			<i>O.C.M &amp; Profit</i>	
		Sub Total			<i>VAT</i>	
	<b>BREAKDOWN OF PROJECT COST</b>					
	<b>DIRECT COST</b>				<b>Total Material Cost</b>	
	<b>INDIRECT COST</b>				<b>Total Labor Cost</b>	
	<b>TOTAL PROJECT COST (PhP)</b>				<b>Total Direct Cost</b>	
					<b>O.C.M &amp; Profit</b>	
					<b>VAT</b>	

Submitted by:

_____	_____
Contractor/Bidder	Owner/ Authorized Representative
_____	_____
Address	Date

