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Project: **CONSTRUCTION OF UNIVERSITY LANGUAGE CENTER**
Location: Mezzanine Floor, University Library, ISAT U Iloilo City Campus

BILL OF QUANTITIES

Item No.	Item / Description	Qty	Unit	Unit Cost	Total Cost
I.	GENERAL REQUIREMENTS. (Including Testing and Commissioning of electrical and plumbing, Sign and Seal of Plans, Final Inspection Certificates and Completion, As-built plans (Architectural, Structural, Electrical, Sanitary/Plumbing and Electronics.)	1	lot		-
	A. Sign & Seal (Plans & Inspection - ELECTRONICS)	1	lot	60,000.00	60,000.00
	B. Water and Electricity	1	lot		
	C. Health and Safety Requirements (PPE, Uniform & Signages)	1	lot		
	D. Testing and Commisioning	1	lot		
	E. As Built Plans	1	lot		
	Direct Cost				
	VAT				
	Sub Total				
	Unit Cost	1	lot		
	TOTAL ITEM NO. I	1	lot		
II.	EXISTING CONDITIONS - DISMANTLING, REINSTALLATION, AND HAULING. (Removing and reinstalling existing tongue-and-groove flooring and wood joists affected by construction activities.)	1	lot		
	Labor cost				
	Direct Cost				
	Indirect cost				
	VAT				
	Sub Total				
	Unit Cost	1	lot		
	TOTAL ITEM NO. II	1	lot		
III.	CONCRETE AND MASONRY WORKS. (Includes concrete works and wall plastering in Toilet as specified in the POW, BOQ, Plans and Specifications.)	1	lot		
	Cement		bags		
	Washed Sand		cu.m		
	3/4" screened gravel		cu.m		
	12 mm x 6.0m deformed bar		lengths		
	10 mm x 6.0m deformed bar		lengths		
	Ga. 16 G.I. Tiewire		kg		
	Steeldeck 1.0mm thk		lm		
	1/2" thk. Ordinary Plywood		sheets		
	2"X2"X12' Form Lumber		pcs		



Item No.	Item / Description	Qty	Unit	Unit Cost	Total Cost
III.	Assorted Fin. Nails		kg		
	Material cost				
	Labor cost				
	Direct Cost				
	Indirect cost				
	VAT				
	Sub Total				
	Unit Cost	1	lot		
	TOTAL ITEM NO. III	1	lot		
IV.	CARPENTRY (Includes supply and installation of partition walls and ceiling as specified in POW, BOQ, Plans and Specifications.)	1	lot		
	A. Partition Wall	1	lot		
	Fiber Cement Board 6.0mm thk		sheets		
	Ga. 20 50MM X 75 x 3.0 M Metal Stud		lght		
	32mm x 76mm, 0.6mm thickness Metal Tracks		lght		
	Blind revits 1/8x1/2		box		
	Accessories and Consummables	1	lot		
	Material cost				
	Labor cost				
	Direct Cost				
	Indirect cost				
	VAT				
	Sub Total				
	Unit Cost		sq m		
	B. Ceiling Works	1	lot		
	12.5mmx12000mmx2400mm Perforated Gypsum Board		sheets		
	0.4mm thk. 19x50x5m G.I. Metal J-Furring Channel		lght		
	1'x1' Wall angle		lght		
	Blind revits 1/8x3/8		box		
	Reviter		pc		
	1" x 2" G.I. tubular (drop ceiling fluorescent light support and hanger)		lght		
	1" Concrete Nail		kg		
	Accessories and Consummables	1	lot		
	Material cost				
	Labor cost				
	Direct Cost				
	Indirect cost				
	VAT				
	Sub Total				
	Unit Cost		sq m		
	TOTAL ITEM NO. IV	1	lot		
V.	DOORS AND WINDOWS (Supply and installation of doors and windows as specified in the POW, BOQ, Plans and Specifications.)	1	lot		
	A. Doors				
	0.90 x 2.10m BRONZE GLASS SWING DOOR ON ANOLOK ALUMINUM FRAME with stickers		set		
	0.70 x 2.10m SWING PVC DOOR		set		
	0.70 x 2.10m SWING FLUSH DOOR		set		
	Lockset Lever Type Door Knob		set		
	Steel hinge		set		
	Material cost				
	Labor cost				
	Direct Cost				
	Indirect cost				
	VAT				
	Sub Total				
	Unit Cost	1	lot		

Item No.	Item / Description	Qty	Unit	Unit Cost	Total Cost
V.	B. Windows				
	W1 - 0.40x0.60M SLIDING BRONZE GLASS WINDOW ON ANOLOK ALUMINUM FRAME		set		
	Material cost				
	Labor cost				
	Direct Cost				
	Indirect cost				
	VAT				
	Sub Total				
	Unit Cost	1	lot		
	TOTAL ITEM NO. V	1	lot		
VI.	FINISHES (Painting of interior walls, ceiling, steel works, and wooden door, along with touch-up painting of areas affected by demolition. Installation of cladding materials and tile work as specified in the POW, BOQ, Plans and Specifications.)	1	lot		
	A. TILE WORKS				
	0.60 x 0.60 concrete floor & wall tiles (toilet)		pcs		
	0.50 x 0.50 carpet floor & wall tiles (hybrid)		pcs		
	Tile Adhesive		bags		
	Carpet Tile Acrylic Flooring Adhesive (5kg)		pail		
	Tile Grout (2kg-pack)		packs		
	Portland cement		bags		
	Material cost				-
	Labor Cost				-
	Direct Cost				-
	Indirect cost				-
	VAT				-
	Sub Total				-
	Unit Cost	1	lot		
	B. ACP & marble sheet cladding materials (WALL)				
	Aluminum composite panel for wall - including aluminum framings, sealant and consumables		sq m		
	3mm thk. x 1.20m x 2.80m UV Marble sheet		sheets		
	Material cost				
	Labor Cost				
	Direct Cost				
	Indirect cost				
	VAT				
	Sub Total				
	Unit Cost	1	lot		
	C. PAINTING (Painting of interior walls, wooden door and new ceiling)				
	Acrylic Latex Paint for concrete and masonry surfaces and QDE (Primer, full putty and top coats)		sq. m		
	Material cost				
	Labor Cost				
	Direct Cost				
	Indirect cost				
	VAT				
	Sub Total				
	Unit Cost	1	lot		
	TOTAL ITEM NO. VI	1	lot		
VII.	ELECTRICAL (Installation of electrical systems as specified in the plan, including the provision and placement of circuit breakers, conduit pipes and wiring for air conditioning units as specified in the POW, BOQ, Plans and Specifications.)	1	lot		
	12W LED SQUARE PANEL LIGHT RECESSED		unit		
	18W LED T8 TUBE LIGHT w/ COVER AND CASING (single case)		unit		
	EMERGENCY BATTERY UNIT w/ Two Lights		units		
	60 W 18" CEILING ORBIT FAN		units		

Item No.	Item / Description	Qty	Unit	Unit Cost	Total Cost
VII.	1 gang switch		set		
	2 gang switch		set		
	3 gang switch		set		
	Convenience Outlet, 2 gang		set		
	Copper slow pop-up floor socket 15A 230V 3 pin duplex universal power socket		set		
	2.0 sq. mm. THHN Cu. Wire				
	3.5 sq. mm. THHN Cu. Wire		box		
	5.5 sq. mm. TW Cu. Wire		m		
	8.0 sq. mm. THHN Cu. Wire		m		
	30 sq. mm. TW Cu. Wire		m		
	20 mm Ø PVC pipe		lengths		
	20 mm Ø PVC elbow		pcs		
	25 mm Ø PVC pipe		lengths		
	32 mm Ø PVC pipe		lengths		
	20 mm Ø flexible hose (50 m)		roll		
	2 x 4 pvc utility box		pcs		
	Junction box 4"x4" pvc		pcs		
	8" Cable tie		pack		
	1 x ¼ G I U Bolt		pcs		
	¼ Flex connector		pcs		
	G I U bolt		pcs		
	5.5 Y lugs		pcs		
	Screw and toks #10		pcs		
	Electrical tape big		roll		
	PVC Solvent, 100cc		cans		
	100 AT/100AF, 2P, 230 V ITD Main Circuit Breaker MCCB w/ 4-15A, 2P; 7-20A, 2P; 1-30A, 2P; 2-40A, 2P (Power panel- Bolt On)		set		
	Accessories and Consumables	1	lot		
	Material cost				
	Labor cost				
	Direct Cost				
	Indirect cost				
	VAT				
	Sub Total				
	Unit Cost	1	lot		
TOTAL ITEM NO. VII		1	lot		
VIII.	PLUMBING (Supply and Installation of Plumbing pipes and fixtures as specified in the POW, BOQ, Plans and Specifications.)	1	lot		
	A. ROUGH INS				
	PVC Sanitary Pipes and Fittings				
	PVC Pipe 100mm Ø x 3.0m (series 1000)		legnth		
	SANITARY WYE 100 Ø mm		PC		
	ELBOW, 1/4 Bend (90deg) 100mm Ø		legnth		
	SANITARY WYE 75 Ø mm		PC		
	Clean out 4"Ø		pcs		
	SANITARY WYE 75 mm x 50mm		pc		
	SANITARY TEE 75 mm x 50mm		pc		
	PVC Pipe 50mmØ x 3.0m (series 1000)		legnth		
	ELBOW, 1/4 Bend (90deg) 2" Ø		pcs		
	PVC Pipe solvent cement (100 cc)		can		
	PVC P-TRAP 2"Ø		pc		
	Material cost				
	Labor cost				
	Direct Cost				
	Indirect cost				
	VAT				
	Sub Total				
	Unit Cost	1	lot		

Item No.	Item / Description	Qty	Unit	Unit Cost	Total Cost
VIII.	B. COLD WATER LINE				
	PPR PIPES AND FITTINGS				
	32mm Ø X 4.0 m.		lengths		
	ELBOW 90 DEG		pc		
	GATE VALVE		pc		
	COUPLING REDUCER (32MMX20MM)		pc		
	20mm Ø X 4.0 m.		lengths		
	ELBOW 90 DEG		pc		
	GATE VALVE		pc		
	THREADED ELBOW, 90 deg		pcs		
	TEE		pcs		
	STOP VALVE		pc		
	SOCKET COUPLING		pcs		
	Material cost				
	Labor cost				
	Direct Cost				
	Indirect cost				
	VAT				
	Sub Total				
	Unit Cost	1	lot		
	C. FIXTURES				
	Stainless Steel Faucet (Heavy duty)		set		
	Water Closet		set		
	Urinal		set		
	Lavatory		set		
	6mm thk. 0.60 X 0.80m Mirror Beveled Frameless w/ Plywood Backing		set		
	Stainless Steel liquid soap holder		set		
	Stainless Steel Tissue holder		set		
	Stainless Steel Floor Drain (Heavy duty)		set		
	Stainless Steel Bidet Spray (Water Closet)		set		
	Material cost				
	Labor cost				
	Direct Cost				
	Indirect cost				
	VAT				
	Sub Total				
	Unit Cost	1	lot		
	TOTAL ITEM NO. VIII	1	lot		
IX.	ELECTRONICS (Supply, Installation, Labor & Engineering including Termination, Testing, & commissioning as specified in the POW, BOQ, Plans and Specifications.)	1	lot		
	A. FIRE DETECTION AND ALARM SYSTEM (FDAS)				
	Smoke Detector w/ Base		unit		
	Manual Call Point		unit		
	Alarm Bell		unit		
	TF Wire #16		roll		
	Roughing-in & consumables	1	lot		
	Material cost				
	Engineering including Termination, Testing & commissioning.				
	Direct Cost				
	Indirect cost				
	VAT				
	Sub Total				
	Unit Cost	1	lot		
	B. CCTV SYSTEM				
	Digital Video Recorder 8 Channel		unit		
	CCTV Camera 2MP, f2.8mm - Dome		unit		
	HDD 1TB Surveillance Rated		unit		

Item No.	Item / Description	Qty	Unit	Unit Cost	Total Cost
IX.	Power Supply for 4 Camera		unit		
	Cat6 UTP Cable, 23AWG, Pure Copper		meters		
	Video Balun and DC Plug		sets		
	19" CCTV Monitor		unit		
	Data Cabinet, 1.5ft (6 gang PDU & Exhaust Fan)		set		
	Roughing-in & consumables	1	lot		
	Material cost				
	Engineering including Termination, Testing & commissioning.				
	Direct Cost				
	Indirect cost				
	VAT				
	Sub Total				
	Unit Cost	1	lot		
	C. TEL/DATA/WIFI SYSTEM				
	24 Port Gigabit Network Switch, L2		unit		
	Access Point - Wifi 6 Capable - Long Range		unit		
	Cat6 Information Outlet		pcs		
	Face Plate - Duplex		pcs		
	Face Plate - Simplex		pcs		
	Cat6 UTP Cable		rolls		
	Cat6 24-Ports Patchpanel		unit		
	UPS with AVR, 1KVA		unit		
	Roughing-in & consumables	1	lot		
	Material cost				
	Engineering including Termination, Testing & commissioning.				
	Direct Cost				
	Indirect cost				
	VAT				
	Sub Total				
	Unit Cost	1	lot		
	TOTAL ITEM NO. IX	1	lot		
	TOTAL COST OF PROJECT				

Total bid cost in words:

Prepared by:

Approved:

Estimator

Bidder/Contractor

Date