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Project: **RENOVATION OF THE UNIVERSITY MEDICAL CLINIC**
 Location: Ground Floor Teacher Education Building
 Iloilo Science and Technology University - Iloilo City Campus, Burgos St., La Paz, Iloilo City

BILL OF QUANTITIES

Item No.	Item / Description	Qty	Unit	Unit Cost	Total Cost	
I.	GENERAL REQUIREMENTS. Includes Temporary facilities (Electricity and Water, Safety and Health Requirements), Professional Fees and Permits including Testing and Commissioning of Installed equipments (Sign and Seal of Plans, Final Inspection Certificates and Completion).					
	A. Temporary Facilities		1.00	lot		
	Electricity and Water		1.00	lot		
	Safety and Health (PPE, Uniform & Signages)		1.00	lot		
	Direct Cost		<i>Total Direct Cost</i>			
	Indirect Cost		<i>Tax</i>			
	Sub Total					
	Unit Cost					
	B. Professional Fees and As Built Plans		1.00	lot		
	Sign and Seal of Plans, Final Inspection Certificates and Completion, Production and Sign and Seal of As-Built Plans (Mechanical and Electronics)		1.00	lot	25,000.00	25,000.00
	Direct Cost		<i>Total Direct Cost</i>			
	Indirect Cost		<i>Tax</i>			
	Sub Total					
	Unit Cost					
TOTAL ITEM NO. 1						
II.	EXISTING CONDITIONS. Includes Demolition/Removal of existing structures, existing devices; Clearing and Hauling of debris, excess and salvage materials and transfer of existing equipment to ISAT U storage facility)					
	A. Demolition		70.86	cu.m.		
	Direct Cost		<i>Total Direct Cost</i>			
	Indirect Cost		<i>O.C.M. & Profit</i>			
			<i>Tax</i>			
	Sub Total					
	Unit Cost					
	B. Clearing and Hauling		70.86	cu.m.		
	Direct Cost		<i>Total Direct Cost</i>			
	Indirect Cost		<i>O.C.M. & Profit</i>			
			<i>Tax</i>			
	Sub Total					
	Unit Cost					
	TOTAL ITEM NO. 2					-
III.	SITWORKS. Include Supply of necessary materials, labor and equipment for the Mobilization, Site Clearing, Layout and Demobilization including Hauling of debris as specified in the POW, BOQ, Plans and Specifications					
	A. Mobilization, Site Clearing, Layout and Demobilization including Hauling of Debris		141.72	sq.m.		
	Direct Cost		<i>Total Direct Cost</i>			
	Indirect Cost		<i>O.C.M. & Profit</i>			
			<i>Tax</i>			
	Sub Total					
Unit Cost						
TOTAL ITEM NO. 3						
IV.	CONCRETE AND MASONRY WORKS. Includes supply of necessary materials, labor and equipment for the concreting of Stiffener Columns, Stiffener Beams, Rectification of Floor levels (Hallway), other miscellaneous concrete works, laying of chb, plastering of concrete and masonry members as specified in the POW, BOQ, Plans and Specifications including Reinforcing Steel Bars and Formworks.					
	A. Concrete Works		16.00	cu.m.		

IV.	Portland Cement (40kgs.,BPS Marked)	120.00	bags			
	Washed Sand (passing 1/4" sieve)	16.00	cu.m.			
	Screened Gravel (passing 1" sieve)	8.00	cu.m.			
	12mmØ x 6m, Grade 33 Deformed Bars	32.00	lgths			
	10mmØ x 6m, Grade 33 Deformed Bars	52.00	lgths			
	#16, G.I. Tie wire	10.00	kgs			
	6mm x 4' x 8' Marine Plywood	8.00	shts			
	2"x3"x10' Form Lumber	20.00	lgths			
	4" Common Wire Nails	10.00	kgs			
	2 1/2" Common Wire Nails	5.00	kgs			
	1 1/2" Common Wire Nails	5.00	kgs			
	Direct Cost	<i>Total Materials Cost</i>				
		<i>Total Labor Cost</i>				
		<i>Total Direct Cost</i>				
	Indirect Cost	<i>O.C.M. & Profit</i>				
		<i>Tax</i>				
	Sub Total					
	Unit Cost					
	B. Masonry Works					
	B.1. 6" CHB		43.35	sq.m.		
	6" CHB	541.00	pcs			
	Portland Cement (40kgs.,BPS Marked)	59.00	bags			
	Washed Sand (passing 1/4" sieve)	4.00	cu.m.			
	10mmØ x 6m, Grade 40 Deformed Bars	72.00	lgths			
	#16, G.I. Tie wire	8.00	kgs			
	Direct Cost	<i>Total Materials Cost</i>				
		<i>Total Labor Cost</i>				
		<i>Total Direct Cost</i>				
Indirect Cost	<i>O.C.M. & Profit</i>					
	<i>Tax</i>					
Sub Total						
Unit Cost						
B.2. 4" CHB		73.95	sq.m.			
4" CHB	2,450.00	pcs				
Portland Cement (40kgs.,BPS Marked)	114.00	bags				
Washed Sand (passing 1/4" sieve)	6.00	cu.m.				
10mmØ x 6m, Grade 40 Deformed Bars	138.00	lgths				
#16, G.I. Tie wire	15.00	kgs				
Direct Cost	<i>Total Materials Cost</i>					
	<i>Total Labor Cost</i>					
	<i>Total Direct Cost</i>					
Indirect Cost	<i>O.C.M. & Profit</i>					
	<i>Tax</i>					
Sub Total						
Unit Cost						
TOTAL ITEM NO. 4						
V.	WOOD, PLASTICS AND COMPOSITES Includes supply of necessary materials, labor and equipment for Ceilings; Walls; Partitions; Built-in Furniture as specified in the POW, BOQ, Plans and Specifications					
	A. Fiber Cement Ceiling		141.72	sq.m.		
	4.5mm thk x 4' x 8' fiber cement board	126.00	shts			
	0.40mm thk x 19mm x 50 mm x 5m Double Furring	61.00	lgths			
	.	20.00	lgths			
	0.50mm thk x 12mm x 38mm x 5m Carrying channel	49.00	lgths			
	Screw	4,750.00	pcs			
	1/2" x 1/8" Blind rivets	387.00	pcs			
	W-clip	275.00	pcs			
	Jointing Compound/Epoxy Sealant	4.00	gals			
	Joint Tape	45.00	rolls			
	Direct Cost	<i>Total Materials Cost</i>				
		<i>Total Labor Cost</i>				
		<i>Total Direct Cost</i>				
	Indirect Cost	<i>O.C.M. & Profit</i>				
		<i>Tax</i>				
	Sub Total					
	Unit Cost					
	B. Dry Wall Partition		93.00	sq.m.		
	Top, Bottom and 1.2m Interval Middle Bracing, 0.40m Spacing					
	6mm thk x 4' x 8' fiber cement board	40.00	shts			
	Studs 35mmX76mmX3.0M, T=0.80mm	59.00	lgths			
	Tracks 35mmX76mmX3.0M, T=0.80mm	34.00	lgths			
	Screw	2,734.00	pcs			

Blind Rivets 1/8 x 3/8	777.00	pcs		
Jointing Compound/Epoxy Sealant	5.00	gals		
Joint Tape	33.00	rolls		
4" Concrete Nails	15.00	kgs		
Direct Cost	<i>Total Materials Cost</i>			
	<i>Total Labor Cost</i>			
	<i>Total Direct Cost</i>			
	<i>O.C.M. & Profit</i>			
Indirect Cost	<i>Tax</i>			
Sub Total				
Unit Cost				
C. Built-in Furniture (Storage Cabinets, Wardrobe/Closet, Shelves and Counters, Lockers) Including all necessary locksets, fasteners, accessories, miscellaneous items as specified with the POW, BOQ, Plans and Specifications.	1	lot		
Information Desk w/ Bench	1	set		
Consultation Bed w/ Bottom Cabinet (2.00m x 0.80m)	1	set		
Consultation Table (1.00m x 0.60m)	1	set		
Cabinet 1 w/ Stainless Steel Sink (2.25m x 0.60 x H) Emergency	1	set		
Cabinet 2 (3.50m x 0.60m x H) Hallway	1	set		
Cabinet 3 (3.10m x 0.60m x H) Hallway	1	set		
Cabinet 4 (1.60m x 0.60 x H) Pantry	1	set		
TV Cabinet (2.90m x 0.40m x H) Conference	1	set		
Direct Cost	<i>Total Materials Cost</i>			
	<i>Total Labor Cost</i>			
	<i>Total Direct Cost</i>			
	<i>O.C.M. & Profit</i>			
Indirect Cost	<i>Tax</i>			
Sub Total				
Unit Cost				

TOTAL ITEM NO. 5

VI.	OPENINGS/DOORS, WINDOWS AND GLAZING Includes supply of necessary materials, labor and equipment for Doors, Windows, Glass Partitions and Mirrors as specified in the POW, BOQ, Plans and Specifications				
	A. Doors	1.00	lot		
	D1 - 40mm thk. Solid Wood (Laminated) Panel Door	1.00	set		
	D1A - 40mm thk. Solid Wood (Laminated) Panel Door	1.00	set		
	D2 - 40mm thk. Solid Wood (Laminated) Panel Door	1.00	set		
	D3 - 12mm thk. Tempered Glass w/ frosted sticker	1.00	set		
	D4 - 6mm Thk. Bronze Glass on Analok) Aluminum Framing with frosted sticker	1.00	set		
	D5 - 40mm thk. Solid Wood (Laminated) Panel Door	1.00	set		
	D6 - 6mm Thk. Bronze Glass on Analok) Aluminum Framing with frosted sticker	1.00	set		
	D7 - Built-up Swing-in, Panel Door (WPC Fluted Panels)	1.00	set		
	D8 - Customized 40mm thk. Solid Wood Panel Sliding Door	1.00	set		
	D8A - Customized 40mm thk. Laminated Solid Wood Panel Sliding Door	1.00	set		
	D9 - PVC Flush Door w/ vent	1.00	set		
	D10 - PVC Flush Door w/ vent	1.00	set		
	D11 - Built-up 2" x 3" Tubular Door	1.00	set		
	Direct Cost	<i>Total Materials Cost</i>			
		<i>Total Labor Cost</i>			
		<i>Total Direct Cost</i>			
		<i>O.C.M. & Profit</i>			
	Indirect Cost	<i>Tax</i>			
	Sub Total				
	Unit Cost				
	B. Windows	1.00	lot		
	W1 - 12mm Thk. Clear Tempered Glass Wall with tempered glass	1.00	set		
	W2 - 6mm Thk. Bronze Glass on Powder Coated Aluminum Frame Fixed Window (White)	1.00	set		
	W3 - 6mm Thk. Bronze Glass on Powder Coated Aluminum Frame Awning Window (White)	1.00	set		
	W4 - 6mm Thk. Bronze Glass on Powder Coated Aluminum Frame Awning Window (White)	1.00	set		
W5 - 6mm Thk. Bronze Glass on Powder Coated Aluminum Frame Awning Window (White)	1.00	set			
W6 - 6mm Thk. Bronze Glass on Powder Coated Aluminum Frame Awning Window (White)	1.00	set			
W7 - 6mm Thk. Bronze Glass on Powder Coated Aluminum Frame Awning Window (White)	2.00	set			
W8 - 6mm Thk. Bronze Glass on Analok Aluminum Frame Awning Window	1.00	set			
Direct Cost	<i>Total Materials Cost</i>				
	<i>Total Labor Cost</i>				

VI.			<i>Total Direct Cost</i>		
			<i>O.C.M. & Profit</i>		
		Indirect Cost	<i>Tax</i>		
		Sub Total			
		Unit Cost			
		C. Glazing	1.00	lot	
		6mm thk. Mirror (60cm x 80cm) w/ stainless steel bolt fastened to wall	2.00	set	
			<i>Total Materials Cost</i>		
		Direct Cost	<i>Total Labor Cost</i>		
			<i>Total Direct Cost</i>		
	Indirect Cost	<i>O.C.M. & Profit</i>			
		<i>Tax</i>			
	Sub Total				
	Unit Cost				

TOTAL ITEM NO.6

VII.	FINISHES AND PAINTING WORKS Includes supply of necessary materials, labor and equipment for the Painting of exterior, interior, ceiling, wood and metal Surfaces, Floor and Walls; as well as wall, ceiling and floor finishes as specified in the POW, BOQ, Plans and Specifications				
	A. Interior Wall Paint	390.15	sq.m.		
	Skimcoat/Putty	75.00	bags		
	Solvent Based Primer	18.00	gals		
	Solvent Based Top Coat	32.00	gals		
	Reducer	12.00	gals		
	Consumables and Miscellaneous Items	1.00	lot		
			<i>Total Materials Cost</i>		
		Direct Cost	<i>Total Labor Cost</i>		
			<i>Total Direct Cost</i>		
		Indirect Cost	<i>O.C.M. & Profit</i>		
			<i>Tax</i>		
		Sub Total			
		Unit Cost			
		B. Exterior Wall Paint	86.7	sq.m.	
		Penetrating sealer	15.00	gals	
		Skimcoat	45.00	bags	
		Solvent Based Primer	5.00	gals	
		Solvent Based Top Coat	10.00	gals	
		Reducer	8.00	gals	
		Consumables and Miscellaneous Items	1.00	lot	
			<i>Total Materials Cost</i>		
		Direct Cost	<i>Total Labor Cost</i>		
			<i>Total Direct Cost</i>		
		Indirect Cost	<i>O.C.M. & Profit</i>		
			<i>Tax</i>		
		Sub Total			
		Unit Cost			
		C. Ceiling Paint	141.72	sq.m.	
		Skimcoat/Putty	42.00	bags	
		Water Based Primer	6.00	gals	
		Water Based Top Coat	32.00	gals	
		Reducer	12.00	gals	
		Consumables and Miscellaneous Items	1.00	lot	
			<i>Total Materials Cost</i>		
		Direct Cost	<i>Total Labor Cost</i>		
			<i>Total Direct Cost</i>		
		Indirect Cost	<i>O.C.M. & Profit</i>		
			<i>Tax</i>		
		Sub Total			
		Unit Cost			
		D. Floor Finishes	43.35	sq.m.	
		30cm x 100cm x 30mm Pre Fabricated Trench Cover (including Angle Bar Holder)	26.00	set	
		20cm x 120cm Porcelain Tiles (Cande Wood; Wood Planks)	33.00	box	
		30cm x 60cm Vitrified Floor Tiles, Non Skid, Gray	35.00	pcs	
	60cm x 120cm Porcelain Floor Tiles (Beige, Natural Stone)	48.00	pcs		
	60cm x 60cm Vitrified Floor Tiles, White, Gloss	140.00	pcs		
	Tile Adhesive (Heavy Duty)	85.00	bags		
	3/4" Decorative Gravel	2.00	bags		
	Consumables and Miscellaneous Items	1.00	lot		

VII.	Direct Cost		<i>Total Materials Cost</i>			
			<i>Total Labor Cost</i>			
			<i>Total Direct Cost</i>			
	Indirect Cost		<i>O.C.M. & Profit</i>			
			<i>Tax</i>			
	Sub Total					
	Unit Cost					
	E. Ceiling Finishes		12.00	sq.m.		
	WPC Fluted Panels (Ceiling, Interior)		15.00	shts		
	Stainless Steel Curtain Tracks including all fasteners and accessories (Clinic)		5.00	sets		
	Consumables and Miscellaneous Items		1.00	lot	-	
	Direct Cost		<i>Total Materials Cost</i>			
			<i>Total Labor Cost</i>			
			<i>Total Direct Cost</i>			
	Indirect Cost		<i>O.C.M. & Profit</i>			
			<i>Tax</i>			
	Sub Total					
	Unit Cost					
	F. Wall Finishes		1.00	lot		
	Traslucent Flexible Stone Veneer (Indian Autumn)		16.00	sq.m.		
	Flexible Stone Veneer (Ice Pearl)		35.00	sq.m.		
5mm Thk. Clear Acrylic (Backing)		12.00	sq.m.			
WPC Fluted Panels (Walls, Interior)		105.00	shts			
3/4" Thk. Laminated Marine Plywood (Wood)		15.00	shts			
Natural Stone Veneer (Waterfall, Rear accent wall)		12.00	sq.m.			
2"x4"x8" S4S Wood Stain Finished (Accent Walls)		21.00	lgths			
Stainless Steel Flat Head Bolt (Display)		16.00	sets			
Bass Relief (Exterior Walls)		17.00	sq.m.			
4mm Thk. Laser Cut Decorative Panels (16mm Plain Round Bar and 1 1/2" x 1/4" Flat Bar Frame)		12.00	sq.m.			
White Solid Surface (Synthetic)		5.00	slabs			
Consumables and Miscellaneous Items		1.00	lot			
Direct Cost		<i>Total Materials Cost</i>				
		<i>Total Labor Cost</i>				
		<i>Total Direct Cost</i>				
Indirect Cost		<i>O.C.M. & Profit</i>				
		<i>Tax</i>				
Sub Total						
Unit Cost						
TOTAL ITEM NO. 7						
VIII.	PLUMBING WORKS Includes supply of necessary materials, labor and equipment for Storm Drainage System, Sanitary Pipes and Fittings; Water Supply Pipes and Fittings; Fixtures and Hardwares; Septic Vault and Catch Basins as specified in the POW, BOQ, Plans and Specifications					
	A. Storm Drainage System, Sanitary Pipes and Fittings		1.00	lot		
	4" dia. PVC Pipe Series 1000		3.00	lgths		
	3" dia. PVC Pipe Series 1000		5.00	lgths		
	2" dia. PVC Pipe Series 1000		18.00	lgths		
	4" dia. Clean-out (Brass)		2.00	set		
	3" dia. Clean-out (PVC)		2.00	set		
	2" dia. Clean-out (Brass)		1.00	set		
	4"x2" Reducer Wye		3.00	pcs		
	4" Wye		2.00	pcs		
	3" Sanitary Elbow 45d		1.00	pc		
	3"x2" Reducer Wye		4.00	pcs		
	2" Sanitary Elblow 45d		8.00	pcs		
	2" P-Trap		3.00	pcs		
	2" Wye		6.00	pcs		
	80mm x 500mm Aluminum Ventilation Grille		1.00	set		
	Consumables and Miscellaneous Items		1.00	pc		
	Direct Cost		<i>Total Materials Cost</i>			
			<i>Total Labor Cost</i>			
			<i>Total Direct Cost</i>			
	Indirect Cost		<i>O.C.M. & Profit</i>			
		<i>Tax</i>				
Sub Total						

	Unit Cost			
	B. Water Supply Pipes and Fittings	1.00	lot	
	3/4" dia. PPR pipes	8.00	lgths	
	1/2" dia. PPR Pipes	16.00	lgths	
	3/4" Union Patente	2.00	pcs	
	3/4" Gate Valve	2.00	pcs	
	3/4" Tee	8.00	pcs	
	3/4" x 1/2" Tee	2.00	pcs	
	3/4" Elbow	5.00	pcs	
	1/2" Elbow	10.00	pcs	
	Angle Valve 1/2" (Water Closet)	1.00	set	
	1/2" Hose Bib	1.00	pcs	
	Consumables and Miscellaneous Items	1.00	pc	
	Direct Cost	<i>Total Materials Cost</i>		
		<i>Total Labor Cost</i>		
		<i>Total Direct Cost</i>		
	Indirect Cost	<i>O.C.M. & Profit</i>		
		<i>Tax</i>		
		Sub Total		
	Unit Cost			
	C. Fixtures and Hardwares	1	lot	
	Elongated Washdown Water Closet (American Standard or same quality)	2	set	
	Under Counter Lavatory (American Standard or same quality)	1	set	
	Wall mounted Counter Lavatory (American Standard or same quality)	1	set	
VIII.	Stainless Steel Shower Head with Faucet (American Standard or same quality)	1	set	
	38mm dia. Stainless Steel Grab Bar "L Shape"	1	set	
	38mm dia. Stainless Steel Folding Grab Bar	1	set	
	Lavatory Sink (Consultation)	1	set	
	Floor Drain 2"	1	set	
	2" Rectangular Floor Drain (Concealed)	1	set	
	Stainless Steel Lavatory Faucet (Goose Neck)	2	set	
	4" Floor Drain w/ Cover	1	set	
	4000L/H Heavy Duty Water Pump (including water circulation punps)	1	lot	
	Direct Cost	<i>Total Materials Cost</i>		
		<i>Total Labor Cost</i>		
		<i>Total Direct Cost</i>		
	Indirect Cost	<i>O.C.M. & Profit</i>		
		<i>Tax</i>		
		Sub Total		
	Unit Cost			
	D. Septic Vault and Catch Basins	1	lot	
	Septic Tank (3.50m x 1.80m x 1.50m)	1	lot	
	Catch Basin (0.60m x 0.60m x 0.80m)	3	lot	
	Tapping to Street Sewer	1	lot	
	Direct Cost	<i>Total Materials Cost</i>		
		<i>Total Labor Cost</i>		
		<i>Total Direct Cost</i>		
	Indirect Cost	<i>O.C.M. & Profit</i>		
		<i>Tax</i>		
		Sub Total		
	Unit Cost			
TOTAL ITEM NO. 8				
	ELECTRICAL WORKS Includes supply of necessary materials, labor and equipment for Power Distribution System; Lighting Fixtures; Wiring Devices; Wiring Conductors and Conduits, Boxes and Fittings as specified in the POW, BOQ, Plans and Specifications			
	A. Power Distribution System	1	lot	
	Enclosed Main Circuit Breaker (ECB), 100AT/150AF, 2P, 10kAIC, 230V, 3Ph, 60Hz, 2 Wires + Ground, surface wall mounted, Nema 3 enclosure	1.00	set	
	6-30A, 60AF, 2P, 6-20A, 60AF, 2P, 4-15A, 60AF, 2P			
	Direct Cost	<i>Total Materials Cost</i>		
		<i>Total Labor Cost</i>		
		<i>Total Direct Cost</i>		
	Indirect Cost	<i>O.C.M. & Profit</i>		
		<i>Tax</i>		
		Sub Total		
	Unit Cost			
IX.	B. Lighting Fixtures	1	lot	

IX.	18w, 230v, LED Downlights Concealed	12	set				
	18w, 230v, LED Downlights Surface Mounted	4	set				
	5w, 230v, LED Directional Spotlight	20	set				
	5w, 230v, 3000k Track Lights	5	set				
	2-5w, 230v, LED (Up-Down) Wall Lamp (260mm x 90mm)	4	set				
	2-10w, 230v Directional Pinlights	10	set				
	9w/m Strip Lights	100	rolls				
	68w, 230v, 3000k Geometric LED Pendant Lamp	1	set				
	36w 6000k, 600mm x 600mm Panel Lights (Recessed)	1	set				
	Direct Cost	<i>Total Materials Cost</i>					
		<i>Total Labor Cost</i>					
		<i>Total Direct Cost</i>					
	Indirect Cost	<i>O.C.M. & Profit</i>					
		<i>Tax</i>					
		Sub Total					
	Unit Cost						
	C. Wiring Devices		1.00	lot			
	One Gang Switch	4.00	set				
	2 Gang Switch	8.00	set				
	3 Gang Switch	5.00	set				
	3-way Switch	4.00	set				
	Duplex Conv. Outlets	20.00	set				
	Duplex Conv. Outlets (Weather Proof)	1.00	set				
	Special Purpose Outlets	8.00	set				
	GFCI	3.00	set				
	Power Safety Disconnection Switch	6.00	set				
	Direct Cost	<i>Total Materials Cost</i>					
		<i>Total Labor Cost</i>					
		<i>Total Direct Cost</i>					
	Indirect Cost	<i>O.C.M. & Profit</i>					
		<i>Tax</i>					
		Sub Total					
	Unit Cost						
	D. Wiring Conductors		1	lot			
	30mm2 THHN Cu. Wires Stranded	10	mts				
	8.0mm2 THHN Cu. Wires (G) Stranded	10	mts				
	5.5mm2 THHN Cu. Wires Stranded	6	box				
	3.5mm2 THHN Cu. Wires Stranded	6	box				
	3.5mm2 THHN Cu. Wires (G) Stranded	3	box				
	2.0mm2 THHN Cu. Wires (G) Stranded	3	box				
	Direct Cost	<i>Total Materials Cost</i>					
		<i>Total Labor Cost</i>					
		<i>Total Direct Cost</i>					
	Indirect Cost	<i>O.C.M. & Profit</i>					
		<i>Tax</i>					
		Sub Total					
	Unit Cost						
	E. Conduits and Boxes		1	lot			
	32mm PVC Pipe	5	lgths				
	25mm PVC Pipe	23	lgths				
	20mm PVC Pipe	35	lgths				
	32mm PVC Elbow	20	pcs				
	25mm PVC Elbow	20	pcs				
	20mm PVC Elbow	20	pcs				
	100mmx100mm Metal Pull Box	20	sets				
	Junction Box	25	sets				
	Utility Box	25	sets				
	Consumables and Miscellaneous Items	1	lot				
	Direct Cost	<i>Total Materials Cost</i>					
		<i>Total Labor Cost</i>					
		<i>Total Direct Cost</i>					
	Indirect Cost	<i>O.C.M. & Profit</i>					
		<i>Tax</i>					
		Sub Total					
	Unit Cost						
	TOTAL ITEM NO. 9						
	X.	ELECTRONICS WORKS Includes supply of necessary materials, labor and equipment for Fire Detection and Alarm System (FDAS), CCTV System and transfer of existing Data Cabinet as specified in the POW, BOQ, Plans and Specifications					
		A. Fire Detection and Alarm System		1	lot		
		FDAS PANEL 2 Zones	1	unit			
		Smoke Sensor / Detector with base	17	pcs			

	Alarm Bell 24V, 6"	2	sets		
	TF Wire No. 18	2	rolls		
	Manual Call Point Switch	2	sets		
	Panel Board (Miniature; as per plan)	1	set		
	Testing and Commissioning	1	lot		
	Direct Cost	<i>Total Materials Cost</i>			
		<i>Total Labor Cost</i>			
		<i>Total Direct Cost</i>			
	Indirect Cost	<i>O.C.M. & Profit</i>			
		<i>Tax</i>			
	Sub Total				
	Unit Cost				
	B. LAN, CCTV and WIFI System	1	lot		
	Transfer of Data Cabinet/Voice Data including all necessary materials, labor and miscellaneous items	1	lot		
	One (1) x 32- Channel 4K NVR incoming bandwidth 160 mbps, outgoing bandwidth 256 Mbps, Decoding format H.265/H.265+/H.264/H.264+/MPEG4, Synchronous Playback 16-CH, 2 x RJ45 Gigabit Ethernet, 4 X SATA up to 10TB Capacity for each HDD, USB Interface for front and rear panels)	1	unit		
	Managed Switch 24 Gigabit PoE; Capacity: 41.66 Mbps, Switching Capacity 56.0 gbps support for up to 4,094 VLAM sim.	1	set		
	CAT6+ Information Outlet	6	sets		
	Dome type CCTV IP-Based Camera, f2.8mm (2MP w Night Vision) PoE	13	sets		
	19" CCTV Monitor	1	set		
	Digital Video Recorder 8 Channel (1080 or Higher)	1	set		
	1 x 6TB HDD Surveillance Rated (NVR)	1	unit		
	Pre-Fabricated CAT6 UTP Cable (AWG32); Patchable	20	mts		
	Video Balun and DC Plug	5	sets		
	Patch Panel 24 Port, CAT6	1	pcs		
	LAN / Data / Telephone Outlets	7	sets		
	Consumables and Miscellaneous Items	1	lot		
	Direct Cost	<i>Total Materials Cost</i>			
		<i>Total Labor Cost</i>			
		<i>Total Direct Cost</i>			
	Indirect Cost	<i>O.C.M. & Profit</i>			
		<i>Tax</i>			
	Sub Total				
	Unit Cost				
	TOTAL ITEM NO. 10				
	TOTAL PROJECT COST				
	BREAKDOWN OF PROJECT COST				
	DIRECT COST	Total Materials Cost			
		Labor Cost			
		Total Direct Cost			
	Indirect Cost	Overhead, Contingencies, Miscellaneous & Profit			
		Tax			
	TOTAL PROJECT COST				

Prepared By:

Reviewed By:

Contract Bidder

Authorized Representative

Address

Date



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Iloilo Science and Technology University
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Project: **RENOVATION OF THE UNIVERSITY MEDICAL CLINIC**
 Location: Ground Floor, Teacher Education Building, ISAT U Iloilo City Campus, Burgos St., La Paz, Iloilo City
 Physical Target: 141.72 Sq.M.
 Total Project Cost: **Php 3,472,411.10**

PROGRAM OF WORKS

Project Description:		Implementation Mode:		Lumpsum Contract		
To supply necessary materials, labor and technical supervision for the Renovation of the University Medical Clinic as per Program of Works, Bill of Quantities, Plans and Specifications.		Contract Duration:		150 calendar days		
		Technical Personnel needed		Project Architect/Engineer, Electrical Engineer, Electronics Engineer, Materials Engineer, Foreman		
Item no.	SCOPE OF WORK	% WT	Qty	Unit	Unit Cost	Amount
I.	GENERAL REQUIREMENTS. Includes Temporary facilities (Electricity and Water, Safety and Health Requirements), Professional Fees and Permits including Testing and Commissioning of Installed equipments (Sign and Seal of Plans, Final Inspection Certificates and Completion.		1.00	LOT		
	A. Temporary Facilities		1.00	lot		
	B. Professional Fees and Permits		1.00	lot		
II.	EXISTING CONDITIONS. Includes Demolition/Removal of existing structures, existing devices; Clearing and Hauling of debris, excess and salvage materials and transfer of existing equipment to ISAT U storage facility)		1.00	LOT		
	A. Demolition		70.86	cu.m.		
	B. Clearing and Hauling		70.86	cu.m.		
III.	SITWORKS. Include Supply of necessary materials, labor and equipment for the Mobilization, Site Clearing, Layout and Demobilization including Hauling of debris as specified in the POW, BOQ, Plans and Specifications		1.00	LOT		
	A. Mobilization, Site Clearing, Layout and Demobilization including Hauling of Debris		141.72	lot		
IV.	CONCRETE AND MASONRY WORKS. Includes supply of necessary materials, labor and equipment for the concreting of Stiffener Columns, Stiffener Beams, Rectification of Floor levels (Hallway), other miscellaneous concrete works, laying of chb, plastering of concrete and masonry members as specified in the POW, BOQ, Plans and Specifications including Reinforcing Steel Bars and Formworks.		1.00	LOT		
	A. Concrete Works		16.00	cu.m.		
	B. Masonry Works					
	B.1. 6" CHB		43.35	sq.m.		
	B.2. 4" CHB		73.95	sq.m.		

V.	WOOD, PLASTICS AND COMPOSITES. Includes supply of necessary materials, labor and equipment for Ceilings; Walls; Partitions; Built-in Furniture as specified in the POW, BOQ, Plans and Specifications		1.00	LOT		
	A. Fiber Cement Ceiling		141.72	sq.m.		
	B. Dry Wall Partition		93.00	sq.m.		
	C. Built-in Furniture (Storage Cabinets, Wardrobe/Closet, Shelves and Counters, Lockers) Including all necessary locksets, fasteners, accessories, miscellaneous items as specified with the POW, BOQ, Plans and Specifications.		1.00	lot		
VI.	OPENINGS/DOORS, WINDOWS AND GLAZING. Includes supply of necessary materials, labor and equipment for Doors, Windows, Partitions and Mirrors as specified in the POW, BOQ, Plans and Specifications		1.00	LOT		
	A. Doors		1.00	lot		
	B. Windows		1.00	lot		
	C. Glazing		1.00	lot		
VII.	FINISHES AND PAINTING WORKS. Includes supply of necessary materials, labor and equipment for the Painting of exterior, interior, ceiling, wood and metal Surfaces, Floor and Walls; as well as wall, ceiling and floor finishes as specified in the POW, BOQ, Plans and Specifications.		1.00	LOT		
	A. Interior Wall Paint		390.15	sq.m.		
	B. Exterior Wall Paint		86.50	sq.m.		
	C. Ceiling Paint		141.72	sq.m.		
	D. Floor Finishes		43.35	sq.m.		
	E. Ceiling Finishes		12.00	sq.m.		
	F. Wall Finishes		1.00	sq.m.		
VIII.	PLUMBING WORKS. Includes supply of necessary materials, labor and equipment for Storm Drainage System, Sanitary Pipes and Fittings; Water Supply Pipes and Fittings; Fixtures and Hardwares; Septic Vault and Catch Basins as specified in the POW, BOQ, Plans and Specifications		1.00	LOT		
	A. Storm Drainage System, Sanitary Pipes and Fittings		1.00	lot		
	B. Water Supply Pipes and Fittings		1.00	lot		
	C. Fixtures and Hardwares		1.00	lot		
	D. Septic Vault and Catch Basins		1.00	lot		
IX.	ELECTRICAL WORKS. Includes supply of necessary materials, labor and equipment for Power Distribution System; Lighting Fixtures; Wiring Devices; Wiring Conductors and Conduits, Boxes and Fittings as specified in the POW, BOQ, Plans and Specifications		1.00	LOT		
	A. Power Distribution System		1.00	lot		
	B. Lighting Fixtures		1.00	lot		
	C. Wiring Devices		1.00	lot		
	D. Wiring Conductors		1.00	lot		
	E. Conduits and Boxes		1.00	lot		

X.	ELECTRONICS WORKS. Includes supply of necessary materials, labor and equipment for Fire Detection and Alarm System (FDAS), CCTV System and transfer of existing Data Cabinet as specified in the POW, BOQ, Plans and Specifications		1.00	LOT		
	A. Fire Detection and Alarm System		1.00	lot		
	B. LAN, CCTV and WIFI System		1.00	lot		
Total Project Cost						
BREAKDOWN OF PROJECT COST						
Direct Cost	Total Materials Cost					
	Total Labor Cost					
	Total Direct Cost					
Indirect Cost	Overhead,Contingencies, Misc. and Profit					
	Tax					
TOTAL PROJECT COST						

TOTAL BID IN WORDS:

Prepared By:

Approved By:

Bidder

Date

