



Project: **CONVERSION OF ROOM N-101 TO KITCHEN LABORATORY OF HOME ECONOMICS**

Location: ISAT U La Paz Campus, La Paz, Iloilo City

DETAILED ESTIMATES

Item No.	Item / Description	Qty	Unit	Unit Cost	Total Cost
I.	GENERAL REQUIREMENTS. (Includes Mechanical plan sign & seal, mechanical permit, Water & Electricity, Health and Safety Requirements and Temporary Enclosure)				
	Sign & Seal (Plans & Inspection - Mechanical)	1	lot	27,000.00	27,000.00
	Permits (Mechanical)		lot		
	Water and Electricity		lot		
	Direct Cost				
	VAT				
	Sub Total				
II.	DEMOLITION AND HAULING. (Removal of existing windows, ceiling, chipping of existing floor, clearing/hauling of debris, Hauling of excess and salvage materials and transfer of existing equipment and furnitures.)		lot		
	Labor cost				
	Direct Cost				
	Indirect cost				
	VAT				
	Sub Total				
III.	CONCRETE WORKS. (Includes supply of materials, labor and necessary equipment for the concreting of partition walls, grease trap, embedments of pipes in existing concrete floor including rebars and formworks as reflected in the plans and specifications.)				
	Potland Cement		bags		
	Washed Sand		cu.m		
	Screened Gravel		cu.m		
	10mm x 6.0m deformed bar		lengths		
	Ga. 16 G.I. Tiewire		kgms		
	Formworks and scaffoldings		lot		
	Material cost				
	Labor cost				
	Direct Cost				
	Indirect cost				
	VAT				
	Sub Total				
IV.	MASONRY Includes plastering of interior walls/partitions with size and thickness as specified in the plans including rebars and mortar.				
	Cement		bags		
	Washed Sand		cu.m		
	10 mm x 6.0m deformed bar		lengths		
	Ga. 16 G.I. Tiewire		kg		
	Material cost				
	Labor cost				
	Direct Cost				
	Indirect cost				
	VAT				
	Sub Total				
V.	DOORS AND WINDOWS (Alteration of existing windows as per plan)				
	Doors				
	0.90 x 2.10m Metal door (door & jamb)		set		
	Lockset Lever Type Door Knob		set		
	Stainless steel hinge		set		
	Windows				
	W1 - EXISTING JALOUSIE WINDOW accessories and hardwares		set		
	W2 - EXISTING JALOUSIE WINDOW accessories and hardwares		set		
	2" x 3" analok alum. Tubular		lengths		
	Material cost				
	Labor cost				
	Direct Cost				
	Indirect cost				
	VAT				
	Sub Total				

Item No.	Item / Description	Qty	Unit	Unit Cost	Total Cost
VI.	CARPENTRY WORKS (Ceiling Works & Wall Partitions)				
	Ceiling works				
	4.5 mm thk Fiber Cement Board		sheets		
	Double J-furring		lengths		
	Carying Channel		lengths		
	Wall angle 0.50mm		lengths		
	1" concrete nail		kgs		
	Miscellaneous Fastener		lot		
	Material cost				
	Labor cost				
	Direct Cost				
	Indirect cost				
	VAT				
	Sub Total				
VII.	STEEL WORKS (Includes stainless steel rack, island table w/ rack)				
	Heavy Duty Stainless Steel Preparation Table		set		
	Heavy Duty Stainless Steel Polish Sink w/ Stainless Steel Kitchen Sink Stand (0.80 m Width)		set		
	Heavy Duty Stainless Steel Polish Sink w/ Stainless Steel Kitchen Sink Stand (1.00 m Width)		set		
	Gas Cylinder steel frame support/bracket		set		
	Material cost				
	Labor cost				
	Direct Cost				
	Indirect cost				
	VAT				
	Sub Total				
VIII.	FINISHES (Painting of interior walls, steel doors, ceiling and tile works as per plan and specifications)				
	TILE WORKS				
	0.60 x 0.60 vitrified ceramic floor tiles		pcs		
	Tile Adhesive		bags		
	Tile Grout (2kg-pack)		packs		
	Portland cement		bags		
	PAINTING (Painting of interior walls, steel doors and ceiling)				
	Acrylic Latex Paint for concrete and masonry surfaces		sq. m		
	Epoxy Enamel (full putty)		sq. m		
	Material cost				
	Labor Cost				
	Direct Cost				
	Indirect cost				
	VAT				
	Sub Total				
IX.	ELECTRICAL (Installation of electricals as per plan)				
	EMERGENCY BATTERY UNIT w/ Two Lights		units		
	12W LED SQUARE PANEL LIGHT RECESSED		units		
	5 W LED strip light (color blue)		lm		
	60 W 18" CEILING ORBIT FAN		units		
	3 gang switch		sets		
	2.0 sq. mm. THHN Cu. Wire		m		
	3.5 sq. mm. THHN Cu. Wire		m		
	5.5 sq. mm. THHN Cu. Wire		m		
	8.0 sq. mm. TW Cu. Wire		m		
	30 sq. mm. THHN Cu. Wire		m		
	20 mm Ø PVC pipe		lengths		
	20 mm Ø PVC elbow		pcs		
	20 mm Ø flexible hose (50 m)		roll		
	2 x 4 utility box		pcs		
	Junction box		pcs		
	Electrical tape		roll		
	Convenience Outlet, 2 gang		set		
	PVC Solvent, 100cc		cans		
	Safety Breaker (30 A w/ cover)		sets		
	Safety Power Disconnect Switch (weather proof NEMA 3R -3 phase)		sets		

Item No.	Item / Description	Qty	Unit	Unit Cost	Total Cost
	100A, 2P, 230 V ITD Main Circuit Breaker MCCB w/ 2-15A, 2P; 4-20A, 2P; 2P; 1-30A, 2P; 3-60A, 2P (Power panel-miniature type) Bolt On		set		
	Material cost				
	Labor cost				
	Direct Cost				
	Indirect cost				
	VAT				
	Sub Total				
X.	PLUMBING (Installation of new plumbing rough ins, grease trap and fixtures as per plan)				
1	ROUGH INS				
	PVC Sanitary Pipes and Fittings				
	PVC Pipe 50mmØ x 3.0m (series 1000)		length		
	PVC P-TRAP 2"Ø		pc		
	ELBOW, 1/4 Bend (90deg) 2" Ø		pcs		
	ELBOW, (45deg) 2" Ø		pcs		
	TEE 50 x 50 mm		pcs		
	PVC Pipe 100 mmØ x 3.0 m. (series 1,000)		length		
	SANITARY WYE 100 mm x 50mm		pc		
	SANITARY TEE 100 mm x 50mm		pc		
	Clean out 4"Ø		pcs		
	ELBOW, 1/4 Bend (90deg) 4" Ø		pcs		
	4" x4" Stainless floor drain		pcs		
	HANGERS AND SUPPORTS		LOT		
2	COLD WATER LINE				
	PPR PIPES AND FITTINGS				
	20mm Ø X 4.0 m.		lengths		
	ELBOW 90 DEG		pcs		
	THREADED ELBOW, 90 deg		pcs		
	TEE		pcs		
	THREADED TEE		pc		
	SOCKET COUPLING		pcs		
	40 mmØ x 4.0 m		lengths		
	GATE VALVE (300 psi)		pc		
	ELBOW 90 DEG		pcs		
	SOCKET COUPLING		pcs		
	TEE REDUCER (40X 20MM)		pcs		
	PVC Solvent, 100cc		cans		
3	FIXTURES				
	Stainless Steel Liquid Soap Tray (sinks)		set		
	Stainless Steel Counter Faucet (Heavy duty)		set		
4	GAS LINE				
	1/2" Ø x 6.0 m G.I. Pipe S40		lengths		
	1/2" Ø Elbow		pcs		
	1/2" Ø Tee		pcs		
	TEFLON TAPE		pcs		
	LPG Gas Regulator High Pressure with Connector		sets		
	Valves		lot		
	Material cost				
	Labor cost				
	Direct Cost				
	Indirect cost				
	VAT				
	Sub Total				
XI.	MECHANICAL (Supply, Installation and Commissioning as per plan and specifications)				
	EQUIPMENT				
	SMOKE SPILL AXIAL FLOW FAN (3600 CFM)@(200Pa)		unit		
	G.I. SHEET				
	Gauge 20 (1.22m x 2.44m)		sheet		
	1mm thk. Stainless steel Kitchen Hood (Side)		pc		
	1 mm thk. Stainless steel Kitchen Hood (Center)		pc		
	500x500x300 Grease Box		pc		
	Other items not included but necessary (please specify)		lot		
	HANGERS, SUPPORTS, & ACCESORIES				
	Ducting Support/Hangers		pc		

Item No.	Item / Description	Qty	Unit	Unit Cost	Total Cost
	KITCHEN FIRE SUPPRESSION		lot		
	Material cost				
	Labor cost				
	Direct Cost				
	Indirect cost				
	VAT				
	Sub Total				
XII.	EQUIPMENT (Supply, Installation and Commissioning)				
	Refrigerator (2-door 10 CU. FT.)		unit		
	Solid top chest freezer (2-door 15 CU. FT.)		unit		
	Stainless Steel Enforced Flexible LPG Gas Hose (1.5m)		sets		
	Material cost				
	Labor cost				
	Direct Cost				
	Indirect cost				
	VAT				
	Sub Total				
XIII.	SPECIALTY (Includes supply of materials, labor and installation of Partition wall and Storage cabinet as per plan and specifications)				
	Varifold Wall Partition				
	3/4" thk Marine Plywood		sheets		
	1" x 3" analok aluminum tubular		lengths		
	1"X 1" steel angle L-type w/ screw		sets		
	1"x 3" stainless steel hinge		sets		
	steel roller & guide		sets		
	3d wall paneling		sq m		
	Consumables		lot		
	Storage cabinet				
	3/4" thk. solid high density (HDF) fiberboards		sheets		
	Stainless steel cabinet handle		pcs		
	hardware and accessories		lot		
	Material cost				
	Labor cost				
	Direct Cost				
	Indirect cost				
	VAT				
	Sub Total				
	TOTAL COST OF PROJECT				

Total bid cost in words:

Prepared by:

Approved:

Estimator

Bidder/Contractor

Date