Project : **REPAIR OF ISOLATION ROOM**
Location: College of Science and Mathematics, Universit of the Philippines Mindanao, Mintal Davao City
Owner : University of the Philippines Mindanao
Subject : **BILL OF QUANTITIES/COST ESTIMATES**

BILL OF QUANTITIES

Item No.	Description	Qty	Unit	Material Cost	Rental Equipment Cost	Labor Cost	Estimated Direct Cost	Mark-ups in Percent		Total Mark Up		VAT	Total Indirect Cost	Total Cost	Unit Cost
								OCM	Profit	%age	Value				
											10	11	12	13	14
		1	2	3	4	5	6	7	8	9	7+8	12% x (5 + 10)	10+ 11	6 + 12	(13) / (1)
2.0	ARCHITECTURAL WORKS														
2.1	Repair of damaged Ordinary plywood wall with Hardiplex On Metal Studs	22.40	sq.m												
	9mmx1.22mx2.44m Moisture Resistant Gypsum Board	8.00	sheets												
	Studs 35mmX76mmX3.0M, T=0.80mm	19.00	lgths												
	Tracks 35mmX76mmX3.0M, T=0.80mm	8.00	lgths												
	Blind Rivets / Wafer Tex 35mmX76mmX3.0M, T=0.80mm	176.00	pcs												
	Expansion Bolt for Track	1.00	kg												
	Board 4'x 8'	15.00	pcs												
	Screw 4'x 8'	617.00	pcs												
	Perforated Paper Tape	8.00	pcs												
	Jointing Compound	1.00	bag												
2.2	Repair of Glass Partition	8.08	sq.m												
	Donning Area Glass and Aluminum Frame in Anolok	8.08	sq.m												
	Silicone Sealant	1.00	lot												
	Blind rivets	1.00	lot												
2.3	Repair of Existing Windows	7.50	sq.m												
	Analok (Dark Brown Colored)	7.50	sq.m												
2.4	Resurfacing of paint flooring using - Floor Finish (Anti-Microbial, Slip Resistant, Epoxy Resin Coating)	25.52	sq.m												
	Low Viscosity Epoxy adhesive	3.00	gal												
	Epoxy Primer White	2.00	gal												
	Epoxy Primer Reducer	2.00	gal												
	Anti-microbial,Slip resistant, Lab Grade Hygienic coating paint	3.00	gal												
	Polituff Polyester Body Filler	1.00	gal												
	Lacquer Thinner (for clean-up)	4.00	gal												
	Sandpaper	8.00	gal												
	Waste Cotton	1.00	kg												
	Misc (thinner, brush, sand paper)	1.00	lot												
2.5	Repair of existing unstable Countertops with base cabinets	104.36	sq.m												
	2100mm x 600mm x 18mm thk Black Granite	1.00	pc												
	1500mm x 600mm x 18mm thk Black Granite	1.00	pc												
	1400mm x 600mm x 18mm thk Black Granite	1.00	pc												
	3/4" Marine Plywood	5.00	sheets												
	Stikwell	2.00	gals												
	Silicon Sealant	2.00	tube												
	Common Nails	2.00	kls												
	Misc (sand paper, etc)	1.00	lot												
2.6	Replacement of Steel Door Jamb & Door Panel	1.00	unit												
	D1 900mm w x 2100mm Steel Door w steel jamb with half Gla	3.00	unit												
	Security Card Access	1.00	unit												
2.7	Repair of dilapidated Ceiling board and damage furring (CF1-) Fire Rated Gypsum Board on Concealed Fixed Hangers	18.47	sq.m												
	Lay-in Panel 2'x2'	60.00	pcs												
	Furring Channel (Spaced @ 0.6M) 19mmx50mmx5.0M	6.00	pcs.												
	Carrying Channel 12mmx38mmx5.0M	5.00	pcs.												
	Wall Angle 25mmx25mmx3.0M	7.00	pcs.												
	W-Clip	29.00	pcs.												
	Blind Rivets 1/8 X 3/8 (4-4)	41.00	pcs.												
	Concrete Nails	1.00	kg												
	Screw	279.00	pcs.												
	Tape	1.00	pc												
2.8	Re-painting works (WF1- Anti-Microbial, Chemical Resistant Paint for Interior wall)	78.96	SQ.M												
	(BOYSEN® Permacoat™ Flat Latex #701)-Primer	3.00	gals												
	(BOYSEN® Healthy Home™)-Topcoat	5.00	gals												
	Sandpaper	8.00	gal												
	Waste Cotton	1.00	kg												
	Misc (thinner, brush, sand paper)	1.00	lot												

2.9	Repair of damaged interior wall (4" Concrete Hollow Blocks)	4.80	SQ.M													
	CHB 4"	60.00	pcs													
	Cement	6.00	bags													
	Coarse Sand	1.00	cu.m													
	Reinforcement (10mm dia)	3.00	lgths													
	Tie Wires	0.50	kls													
3.0	**MECHANICAL WORKS**															
3.1	AC unit Re-piping works (Refrigerant Piping system Copper Pipes - Soft drawn Type L)	1.00	lot													
	2.5HP Split Type ceiling Concealed duct type (Inverter, Daikin)	2.00	unit													
	Hepa filter	1.00	unit													
	Multi Split Refrigerant Piping system Copper Pipes - Hard Drawn Type L															
	15.9 mm (5/8") diameter x 6 m Length	20.00	lght													
	9.5 mm (3/8") diameter x 6 m Length	20.00	lght													
	Copper pipe fittings	1.00	lot													
3.2	Replacement/Repressurised Portable Existing Fire Extinguisher	2.00	unit													
4.0	**ELECTRICAL WORKS**															
4.1	Re-wiring works at Isolation Room of Convenient Outlets and Ceiling Outlet	1.00	lot													
	14.0 mm 2 Thw Cu Wire	1.00	box													
	8.0 mm 2 Thw Cu Wire	1.00	box													
	5.5 mm 2 Thw Cu Wire	3.00	box													
	3.5 mm 2 Thw Cu Wire	3.00	box													
	3/4 dia Flexible hose "Orange"	2.00	roll													
	Other electrical Fittings/Accessories (junction box,pull box) oc	1.00	lot													
	Bolt- on type Breaker	1.00	lot													
	Panel Board	1.00	unit													
	Lighting Fixtures, Outlet and switches	1.00	lot													
	Other electrical fitting s& accessories	1.00	lot													
4.2	Reinstallation of CO and Power Supply for Computers Outlet	1.00	lot													
	THHN WIRE 14mm2 Stranded (pd)	100.00	mtrs													
	TW WIRE 8.0mm2 Stranded (pd)	60.00	mtrs													
	THHN WIRE 3.5mm2 Stranded (pd)	1.00	roll													
	TW WIRE 2.0mm2 Stranded (pd)	50.00	mtrs													
	ELECTRICAL TAPE 3M	5.00	pcs.													
	SWITCH BOX	10.00	pcs.													
	CONVENIENCE OUTLET 2GANG 3PRONG 16A	10.00	sets													
	PANELBOARD 3PHASE CENTER MAIN 6 BRANCHES	1.00	unit													
	CIRCUIT BREAKER 70A,230V,3PHASE (BOLT-ON)	1.00	pc.													
	CIRCUIT BREAKER 30A,230V,1PHASE (BOLT-ON)	3.00	pcs.													
	CIRCUIT BREAKER 20A,230V,1PHASE (BOLT-ON)	3.00	pcs.													
	EMT PIPE 1 " dia.	4.00	lgth.													
	EMT ELBOW 1 " dia.	4.00	pcs.													
	EMT COUPLING CONNECTOR 1 " dia.	8.00	pcs.													
	EMT STRAIGHT CONNECTOR 1 " dia.	10.00	pcs.													
	TIE WIRE # 16	2.00	kls													
	TOX W/ SCREW # 6	100.00	lgth.													
	THRESHOLD 4"	2.00	lgth.													
	CIRCUIT BREAKER w/ ENCLOSURE 30A,230V,1PHASE (BC	1.00	sets													
	GROUNDING ROD 5/8X3MTRS	1.00	pcs.													
	GROUNDING ROD CLAMP	1.00	pc.													
	PULL BOX 4X4X6	2.00	pcs.													
	EMT PIPE 1/2 " dia.	10.00	lgth.													
	EMT ELBOW 1/2 " dia.	10.00	pcs.													
	EMT COUPLING CONNECTOR 1/2 " dia.	15.00	pcs.													
	EMT STRAIGHT CONNECTOR 1/2 " dia.	10.00	pcs.													
	MECCA TUBE 3/8	5.00	mtrs													
5.0	**MEDICAL EQUIPMENTS**															
5.1	Supply and delivery of Medical Supplies (Gown hook, Rack, Trash Bin, Stainless Steel Medical Hospital Laboratory Scrub Sink and Shower basin)	1.00	lot													
	Emergency Wash & Shower	1.00	unit													
	Waste container	3.00	pcs													
	Shoe rack	1.00	unit													
	Wash Sink	1.00	unit													
	Stainless steel shower basin	1.00	unit													
5.2	Re-Calibration/Schedule for Maintenance of Existing Equipment	1.00	lot													
6.0	**Other work items required but necessary to complete (Please identify)**															
	GRAND TOTAL COST															

Note:	*This BOQ is for budgetary puposes only														
	Prepared by:							Submitted by:							