Project: **REPAIRS OF POLYMERASE CHAIN REACTION (PCR Room) TESTING LABORATORY**

Location College of Science and Mathematics, University of the Philippines Mindanao, Mintal, Davao City

Owner: Univerity of the Philippines Mindanao

Subject: **Bill of Quantities/Cost Estimates**

BILL OF QUANTITIES

Item No.	Description	Qty	Unit	Material Cost	Equipment Rental 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)
								12%	10%			5%			
2.0	ARCHITECTURAL WORKS														
2.2	**Repair of Glass Partition**	12.74	sq.m												
	Framed Sliding Glass	12.74	sq.m												
	Silicone Sealant	1.00	lot												
	Blind rivets	1.00	lot												
	Frosted Film design	50.00	sq.ft												
2.3	**NAME OF BOQ ITEM**	4.65	sq.m												
	PCR Room	4.65	sq.m												
	Template Room	5.99	sq.m												
	Open Work Space	7.32	sq.m												
2.5	**NAME OF BOQ ITEM**	4.17	sq.m												
	2100mm x 600mm x 18mm thk Black Granite	1.00	pc												
	2100mm x 600mm x 18mm thk Black Granite	1.00	pc												
	2500mm x 600mm x 18mm thk Black Granite	1.00	pc												
	3/4" Marine Plywood	12.00	sheets												
	Stikwell	2.00	gals												
	Silicon Sealant	2.00	tube												
	Common Nails	2.00	kls												
	Misc (sand paper, etc)	1.00	lot												
2.8	**NAME OF BOQ ITEM**	1.00	lot												
	(BOYSEN® Permacoat™ Flat Latex #701)	1.00	gals												
	(BOYSEN® Healthy Home™)	1.00	gals												
	Sandpaper	4.00	pcs												
	Waste Cotton	1.00	kg												
	Misc (thinner, brush, sand paper)	1.00	lot												
3.0	MECHANICAL WORKS														
3.1	**AC unit Re-piping works (Refrigerant Piping system Copper Pipes - Soft drawn Type L)**	1.00	lot												
	Split Type Airconditioning Units (Inverter type) 2.5 HP	2.00	unit												
	Split type Refrigerant Piping system Copper Pipes - Soft drawn Type L														
	15.9 mm (5/8") diameter x 15 m Length	2.00	roll												
	9.5 mm (3/8") diameter x 15 m Length	2.00	roll												
	Consumables	1.00	lot												
3.2	**Replacement/Repressurise Portable Existing Fire Extinguisher**	2.00	unit												
4.0	ELECTRICAL WORKS														
4.1	**Re-wiring works at PCR Room of Convenience Outlets and Ceiling Outlets**	1.00	lot												
	5.5 mm 2 Thw Cu Wire	4.00	box												
	3.5 mm 2 Thw Cu Wire	4.00	box												
	3/4 dia Flexible hose "Orange"	2.00	roll												
	Other electrical Fittings/Accessories (junction box,pull box) oct	1.00	lot												
	Bolt- on type Breaker (All Size)	1.00	lot												
	Panel Board	1.00	unit												
	Lighting Fixtures, Outlet and switches	1.00	lot												
	Other electrical fitting & accessories	1.00	lot												
	Steel conduit pipe	6.00	length												
	Weatherproof Utility Box with Cover	2.00	pcs												
5.0	MEDICAL SUPPLIES														
5.1	**Supply and delivery Medical Supplies**	1.00	lot												
	Emergency eyewash and safety shower station repositioning														
	Purchase of Gown Hook	6.00	pcs												
	Purchase of Shoe rack	1.00	lot												
	Purchase of Medical trash bin; waste foot	3.00	unit												
	Purchase of Stainless Steel Medical Hospital Laboratory Scrub	2.00	unit												
	Purchase of Stainless steel shower basin	1.00	unit												
6.0	SMALL REPAIR WORKS														
6.1	**Small Repair works**	1.00	lot												
	Remove and Replace door knob @ Template Room														

	Kwikset Door knob	1.00	unit												
	Remove Exhaust fan and Seal off with board	2.00	unit												
	Repair damaged Ceiling furring	1.00	lot												
	Provision of hole Opening for water supply	2.00	opening												
	Provision for Pass Box (Cheaping and repair)	1.00	unit												
7.0	**PLUMBING WORKS**														
7.1	**Re-piping works for the existing emergency eyewash and safety shower station and water supply (Plumbing Works)**	1.00	lot												
	Emergency eyewash and safety shower station repositioning														
	Water Fittings	1.00	lot												
	Provision hole Opening for water supply	2.00	opening												
	1/2" dia Tee G.I	1.00	pc												
	Teflon Tape	1.00	roll												
	Flexible Hose	1.00	pc												
8.0	**Other work items required but necessary to complete (Please identify)**														
	GRAND TOTAL COST														
	Prepared by:							Submitted by:							