



Republic of the Philippines
 BENGUET STATE UNIVERSITY
 La Trinidad, Province of Benguet, 2601
 (074) 422-2401 Telefax (074) 422-2176

Project	PROPOSE EXTENSION AT THE SOUTHERN PART (REAR) OF THE VETERINARY TEACHING HOSPITAL
Owner	BENGUET STATE UNIVERSITY
Location	BSU Compound, Km. 5, Balili, La Trinidad, Benguet

ITEM No.	Detailed Unit Price Analysis				
I. GENERAL REQUIREMENTS and SITE WORKS					
a. Mobilization and Demobilization					
1 lot					
1	material & description	quantity		unit cost	amount
2	labor	no.	daily rate		amount
3	equipment (rental based on ACEL rates)	unit	daily rental		no of days
		output rate			days to complete
	Truck	1	unit	/day	-
4	Total Direct Cost (1 + 2 + 3)				
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)				
6	Contractor's Profit				
7	Tax				
8	Total Unit Cost (4 + 5 + 6 + 7)				
				Php	-
					cost per item
b. Permits and Clearances					
1 l.s.					
1	material & description	quantity		unit cost	amount
	Permits and Clearances	1	ls	/l.s.	-
2	labor	no.	daily rate		amount
3	equipment (rental based on ACEL rates)	unit	daily rental		no of days
		output rate			days to complete
	minor tools (10% of Labor Cost)				-
4	Total Direct Cost (1 + 2 + 3)				
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)				
6	Contractor's Profit				
7	Tax				
8	Total Unit Cost (4 + 5 + 6 + 7)				
				Php	-
					cost per item
c. Project Billboard and Signboard					
1 lot					
1	material & description	quantity		unit cost	amount
	Printed Tarpulin (8ft x 8ft)	5.94	sq.m.	/sq.m.	-
	Good lumber	39.5	bd.ft.	/bd.ft	-
	Assorted CWN	1	kg	/kg	-
2	labor	no.	daily rate		amount
	Skilled laborer	1	/day		-
	Unskilled laborer	1	/day		-
3	equipment (rental based on ACEL rates)	unit	daily rental		no of days
		output rate			days to complete
	minor tools (10% of Labor Cost)				-
4	Total Direct Cost (1 + 2 + 3)				
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)				
6	Contractor's Profit				
7	Tax				
8	Total Unit Cost (4 + 5 + 6 + 7)				
				Php	-
					cost per item



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d.	Occupational Safety and Health Program	1 lot					
1	<i>material & description</i>	<i>quantity</i>		<i>unit cost</i>		<i>amount</i>	-
	assorted warning and safety signages	1	lot		/lot	-	
	canvass (for jobsite perimeter enclosure/fencing)	1	roll		/roll	-	
	vest	9	pcs.		/pc.	-	
	safety shoe/ boots	9	pcs.		/pc.	-	
	safety gloves	9	pcs.		/pc.	-	
	skull guard/ hard hat	9	pcs.		/pc.	-	
	safety harness	9	pcs.		/pc.	-	
	first aid kit	1	unit		/unit	-	
	fire extinguisher, 5lbs. (refill)	1	unit		/unit	-	
2	<i>labor</i>	<i>no.</i>		<i>daily rate</i>		<i>amount</i>	-
	Safety Officer (Part-time)				/day	0	
3	<i>equipment (rental based on ACEL rates)</i>	<i>unit</i>		<i>daily rental</i>		<i>no of days</i>	<i>amount</i>
							-
		<i>output rate</i>				<i>days to complete</i>	
		<i>production rate</i>				<i>days to complete</i>	
4	Total Direct Cost (1 + 2 + 3)					-	
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)			of item 4		-	
6	Contractor's Profit			of item 4		-	
7	Tax			5% of item 4 + 5 + 6		-	
8	Total Unit Cost (4 + 5 + 6 + 7)			Php		-	<i>cost per item</i>
e.	Clearing, Grubbing and Cleaning	138.38 sq.m.					
1	<i>material & description</i>	<i>quantity</i>		<i>unit cost</i>		<i>amount</i>	-
2	<i>labor</i>	<i>no.</i>		<i>daily rate</i>		<i>amount</i>	-
		<i>production rate</i>		<i>sq.m./manhour</i>		<i>days to complete</i>	
	Leadman	1		/day		-	
	Skilled laborer	1		/day		-	
	Unskilled laborer	3		/day		-	
3	<i>equipment (rental based on ACEL rates)</i>	<i>unit</i>		<i>daily rental</i>		<i>no of days</i>	<i>amount</i>
		<i>output rate</i>				<i>days to complete</i>	
	minor tools (10% of Labor Cost)					-	
4	Total Direct Cost (1 + 2 + 3)					-	
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)			of item 4		-	
6	Contractor's Profit			of item 4		-	
7	Tax			5% of item 4 + 5 + 6		-	
8	Total Unit Cost (4 + 5 + 6 + 7)			Php		-	<i>cost per item</i>
f.	Temporary Facilities and Utilities	1 lot					
1	<i>material & description</i>	<i>quantity</i>		<i>unit cost</i>		<i>amount</i>	-
	Assorted Construction Materials	1	lot		/lot	-	
	Assorted CWN	2	kg.		/kg.	-	
2	<i>labor</i>	<i>no.</i>		<i>daily rate</i>		<i>amount</i>	-
		<i>production rate</i>		<i>cu.m./manhour</i>		<i>days to complete</i>	
	Leadman	1		/day		-	
	Skilled laborer	1		/day		-	
	Unskilled laborer	2		/day		-	
3	<i>equipment (rental based on ACEL rates)</i>	<i>unit</i>		<i>daily rental</i>		<i>no of days</i>	<i>amount</i>
		<i>output rate</i>				<i>days to complete</i>	
	minor tools (10% of Labor Cost)					-	
4	Total Direct Cost (1 + 2 + 3)					-	
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)			of item 4		-	
6	Contractor's Profit			of item 4		-	
7	Tax			5% of item 4 + 5 + 6		-	
8	Total Unit Cost (4 + 5 + 6 + 7)			Php		-	<i>cost per item</i>



g.	Structural Excavation-Common Soil	15.27	cu.m.					
1	material & description	quantity		unit cost		amount		
2	labor	no.	daily rate		amount		-	
		production rate	cu.m./manhour		days to complete			
	Leadman	1	/day		-			
	Skilled laborer	2	/day		-			
	Unskilled laborer	4	/day		-			
3	equipment (rental based on ACEL rates)	unit	daily rental		no of days		amount	-
		output rate					days to complete	
	minor tools (10% of Labor Cost)						-	
4	Total Direct Cost (1 + 2 + 3)						-	
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)				of item 4		-	
6	Contractor's Profit				of item 4		-	
7	Tax		5%		of item 4 + 5 + 6		-	
8	Total Unit Cost (4 + 5 + 6 + 7)		Php				-	cost per item
h.	Embankment from Structure Excavation	37.38	cu.m.					
1	material & description	quantity		unit cost		amount		
2	labor	no.	daily rate		amount		-	
		production rate	cu.m./manhour		days to complete			
	Leadman	1	/day		-			
	Skilled laborer	2	/day		-			
	Unskilled laborer	4	/day		-			
3	equipment (rental based on ACEL rates)	unit	daily rental		no of days		amount	-
		output rate					days to complete	
	minor tools (10% of Labor Cost)						-	
4	Total Direct Cost (1 + 2 + 3)						-	
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)				of item 4		-	
6	Contractor's Profit				of item 4		-	
7	Tax		5%		of item 4 + 5 + 6		-	
8	Total Unit Cost (4 + 5 + 6 + 7)		Php				-	cost per item
i.	Gravelling Bedding for base of Slab on fill	5.35	cu.m.					
1	material & description	quantity		unit cost		amount		-
	Gravel bedding (G1) with 5% shrinkage factor ; 50 mm thick on compacted soil	5.35	m ³		/m ³		-	
2	labor	no.	daily rate		no of days		amount	-
		production rate	cu.m./manhour		days to complete			
	Leadman	1	/day		-			
	Skilled laborer	1	/day		-			
	Unskilled laborer	3	/day		-			
3	equipment (rental based on ACEL rates)	unit	daily rental		no of days		amount	-
		output rate	cu.m./unithour		days to complete			
	Plate Compactor	1	/day		-			
	minor tools (10% of Labor Cost)						-	
4	Total Direct Cost (1 + 2 + 3)						-	
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)				of item 4		-	
6	Contractor's Profit				of item 4		-	
7	Tax		5%		of item 4 + 5 + 6		-	
8	Total Unit Cost (4 + 5 + 6 + 7)		Php				-	cost per item



II.	PLAIN and REINFORCED CONCRETE WORKS						
a.	Structural Concrete for footings and Slab on fill (Class A 3500 psi at 28 days)	16.91	cu.m.				
1	material & description	quantity		unit cost	amount		-
	cement	169.00	bags	/bag	-		
	sand	9.29	cu.m.	/cu.m.	-		
	gravel	17.00	cu.m.	/cu.m.	-		
	CHB (load bearing) of wall footing	227.00	pcs.	/pc.	-		
2	labor	no.		daily rate	no of days	amount	-
		production rate		cu.m./manhour		days to complete	
	Leadman	1		/day		-	
	Skilled laborer	2		/day		-	
	Unskilled laborer	4		/day		-	
3	equipment (rental based on ACEL rates)	unit		daily rental	no of days	amount	-
		output rate				days to complete	
	One Bagger Mixer (4-6 cu.ft/min)			/day		-	
	minor tools (10% of Labor Cost)					-	
4	Total Direct Cost (1 + 2 + 3)					-	
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)			of item 4		-	
6	Contractor's Profit			of item 4		-	
7	Tax			5% of item 4 + 5 + 6		-	
8	Total Unit Cost (4 + 5 + 6 + 7)			Php		-	cost per item
b.	Reinforcing Steel of Reinforced Concrete	326.02	kgs				
1	material & description	quantity		unit cost	amount		-
	10mm diameter by 6000m reinforcing steel bar (grade 33)	121.00	kgs.	/kg.	-		
	12mm diameter by 6000m reinforcing steel bar (grade 40)	34.38	kgs.	/kg.	-		
	16mm diameter by 6000m reinforcing steel bar (grade 40)	170.64	kgs.	/kg.	-		
	No. 16 G.I. Tire Wire	5.20	kgs.	/kg.	0		
2	labor	no.		daily rate	no of days	amount	-
		production rate		kg./manhour		days to complete	
	Leadman	1		/day		-	
	Skilled laborer	2		/day		-	
	Unskilled laborer	4		/day		-	
3	equipment (rental based on ACEL rates)	unit		daily rental	no of days	amount	-
		output rate				days to complete	
	minor tools (10% of Labor Cost)					-	
4	Total Direct Cost (1 + 2 + 3)					-	
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)			of item 4		-	
6	Contractor's Profit			of item 4		-	
7	Tax			5% of item 4 + 5 + 6		-	
8	Total Unit Cost (4 + 5 + 6 + 7)			Php		-	cost per item
c.	Formworks and Falseworks	20.28	sqm.				
1	material & description	quantity		unit cost	amount		-
	19mm x 1.2m x 2.4m Phenolic Board (3 uses)	8	pcs.	/pc.	-		
	2"x 3" Good Lumber	24	bd.ft.	/bd.ft	-		
	assorted CWN	4	kg.	/kg.	-		
2	labor	no.		daily rate	no of days	amount	-
		production rate		sq.m./manhour		days to complete	
	Skilled laborer	1		/day		-	
	Unskilled laborer	1		/day		-	
3	equipment (rental based on ACEL rates)	unit		daily rental	no of days	amount	-
		output rate				days to complete	
	minor tools (10% of Labor Cost)					-	
4	Total Direct Cost (1 + 2 + 3)					-	
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)			of item 4		-	
6	Contractor's Profit			of item 4		-	
7	Tax			5% of item 4 + 5 + 6		-	
8	Total Unit Cost (4 + 5 + 6 + 7)			Php		-	cost per item



II. MASONRY WORKS						
a.	CHB (non-load bearing/load bearing) including reinforcing steel	34.17	sq.m.			
1	material & description	quantity		unit cost	amount	-
	100mm thk. CHB	427	pcs.	/pc.	-	
	cement	20	bags	/bag	-	
	sand	2.00	m ³	/m ³	-	
	12mm diameter x 6m reinforcing steel	58.54	kgs.	/kgs.	-	
	No. 16 G.I. Tire Wire	5.00	kgs.	/kg.	-	
2	labor	no.		no of days	amount	-
		production rate		sqm./manhour	days to complete	
	Leadman	1		/day	-	
	Skilled laborer	1		/day	-	
	Unskilled laborer	3		/day	-	
3	equipment (rental based on ACEL rates)	unit		daily rental	no of days	amount
	minor tools (10% of Labor Cost)					-
	Total Direct Cost (1 + 2 + 3)				-	
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)			of item 4	-	
6	Contractor's Profit			of item 4	-	
7	Tax			5% of item 4 + 5 + 6	-	
8	Total Unit Cost (4 + 5 + 6 + 7)		Php		-	cost per item
b.	Cement Plaster Finish	68.34	sq.m.			
1	material & description	quantity		unit cost	amount	-
	cement	23.00	bags	/bag	-	
	sand	1.50	m ³	/m ³	-	
2	labor	no.		daily rate	no of days	amount
		production rate		m ² /manhour	days to complete	
	Leadman	1		/day	-	
	Skilled laborer	1		/day	-	
	Unskilled laborer	3		/day	-	
3	equipment (rental based on ACEL rates)	unit		daily rental	no of days	amount
	minor tools (10% of Labor Cost)					-
	Total Direct Cost (1 + 2 + 3)				-	
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)			of item 4	-	
6	Contractor's Profit			of item 4	-	
7	Tax			5% of item 4 + 5 + 6	-	
8	Total Unit Cost (4 + 5 + 6 + 7)		Php		-	cost per item
III. STRUCTURAL STEEL WORKS (Welding Works)						
a.	Roof Trusses, Web members and Lally Columns)	360.64	l.m.			
1	material & description	quantity		unit cost	amount	-
	2" x 2" x 1/4" thick ANGLE BAR	65.00	pcs.	/pc.	-	
	4" diameter G.I. pipe schedule 40	12.00	pcs.	/pc.	-	
	200mm x 200mm x 10mm steel base plate	12.00	pcs.	/pc.	-	
	16mm dia. Anchor bolt with nut and washer	48.00	sets	/set	-	
	welding rod	8.00	kg.	/kg.	-	
	consumables (5% of Material Cost)	1	lot	/lot	-	
2	labor	no.		daily rate	no of days	amount
		production rate		lm./manhour	days to complete	
	Leadman	1		/day	-	
	Skilled laborer	2		/day	-	
	Unskilled laborer	5		/day	-	
3	equipment (rental based on ACEL rates)	unit		daily rental	no of days	amount
	scaffoldings/ H-frames, set	20		/day	-	
	Welding Machine			/day	-	
	minor tools (10% of Labor Cost)				-	
	Total Direct Cost (1 + 2 + 3)				-	
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)			of item 4	-	
6	Contractor's Profit			of item 4	-	
7	Tax			5% of item 4 + 5 + 6	-	
8	Total Unit Cost (4 + 5 + 6 + 7)		Php		-	cost per item



b.	Exterior Wall Framing	313.12	l.m.				
1	<i>material & description</i>	<i>quantity</i>		<i>unit cost</i>		<i>amount</i>	-
	2" x 2" x 6000mm square tubulars	52.00	pcs.		/pc.	-	
	welding rod	5.00	kg.		/kg.	-	
2	<i>labor</i>	<i>no.</i>		<i>daily rate</i>		<i>no of days</i>	<i>amount</i>
		<i>production rate</i>		<i>lm/manhour</i>		<i>days to complete</i>	
	Leadman	1		/day		-	
	Skilled laborer	2		/day		-	
	Unskilled laborer	4		/day		-	
3	<i>equipment (rental based on ACEL rates)</i>	<i>unit</i>		<i>daily rental</i>		<i>no of days</i>	<i>amount</i>
		<i>output rate</i>				<i>days to complete</i>	
	Welding Machine			/day		-	
	minor tools (10% of Labor Cost)	0.1				-	
4	<i>Total Direct Cost (1 + 2 + 3)</i>					-	
5	<i>OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)</i>				<i>of item 4</i>	-	
6	<i>Contractor's Profit</i>				<i>of item 4</i>	-	
7	<i>Tax</i>			5%	<i>of item 4 + 5 + 6</i>	-	
8	Total Unit Cost (4 + 5 + 6 + 7)			Php		-	<i>cost per item</i>
c.	Painting (trusses, members and exterior wall framing)	417.04	l.m.				
1	<i>material & description</i>	<i>quantity</i>		<i>unit cost</i>		<i>amount</i>	-
	Red oxide metal primer (2 coats only)	10.00	gal.		/gal.	-	
	consumables (5% of Material Cost)	1	lot		/lot	-	
2	<i>labor</i>	<i>no.</i>		<i>daily rate</i>		<i>no of days</i>	<i>amount</i>
		<i>production rate</i>		<i>m²/manhour</i>		<i>days to complete</i>	
	Leadman	1		0 /day		-	
	Skilled laborer	1		0 /day		-	
	Unskilled laborer	2		0 /day		-	
3	<i>equipment (rental based on ACEL rates)</i>	<i>unit</i>		<i>daily rental</i>		<i>no of days</i>	<i>amount</i>
		<i>output rate</i>		<i>m²/unithour</i>		<i>days to complete</i>	
	scaffoldings/ H-frames, set	20		16.00 /day		-	
	minor tools (10% of Labor Cost)			/day		-	
4	<i>Total Direct Cost (1 + 2 + 3)</i>					-	
5	<i>OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)</i>				<i>of item 4</i>	-	
6	<i>Contractor's Profit</i>				<i>of item 4</i>	-	
7	<i>Tax</i>			5%	<i>of item 4 + 5 + 6</i>	-	
8	Total Unit Cost (4 + 5 + 6 + 7)			Php		-	<i>cost per item</i>
IV.	ROOFING WORKS						
a.	Roofing Sheets and Accessories	151.36	sq.m.				
1	<i>material & description</i>	<i>quantity</i>		<i>unit cost</i>		<i>amount</i>	-
	0.5 mm thick x 4ft width pre painted rib-type long span green metal roofing	184.54	l.m		/l.m.	-	
	1.2mm x 2" x 3" C-Purlins	54.00	pcs.		/pc.	-	
	0.5 mm thick x 18 " x 8ft. pre-painted metal gutter	11.00	pcs.		/pc.	-	
	0.5 mm thick x 18" x 8ft pre-painted metal flashing with ridge roll	9.00	pcs.		/pc.	-	
	5mm x 50 meters insulation foam single	1	roll		/roll	-	
	1/2" diameter x 4ft x 90 ft chickenwire mesh	1	roll		/roll	-	
	consumables (5% of Material Cost)	1	lot		/lot	-	



2	labor	no.	daily rate	no of days		-
		production rate	sq.m./manhour	days to complete		
	Leadman	1	/day			-
	Skilled laborer	2	/day			-
	Unskilled laborer	4	/day			-
3	equipment (rental based on ACEL rates)	unit	daily rental	no of days	amount	-
	scaffoldings/ H-frames, set	20	/day			-
	minor tools (10% of Labor Cost)					-
	Total Direct Cost (1 + 2 + 3)					-
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)		of item 4			-
6	Contractor's Profit		of item 4			-
7	Tax		5% of item 4 + 5 + 6			-
8	Total Unit Cost (4 + 5 + 6 + 7)		Php			cost per item
b.	Wall enclosure	62.8 sq.m				
1	material & description	quantity	unit cost		amount	-
	0.5 mm thick x 4ft width pre painted mini rib-type off-white metal sheet	121.75 l.m	/l.m.			-
	0.5 mm thick x 18" x 8ft pre-painted steel wall flashing	6.00 pcs.	/pc.			-
	consumables (5% of Material Cost)	1 lot	/lot			-
2	labor	no.	daily rate	no of days	amount	-
		production rate	lm/manhour	days to complete		
	Leadman	1	/day			-
	Skilled laborer	1	/day			-
	Unskilled laborer	3	/day			-
3	equipment (rental based on ACEL rates)	unit	daily rental	no of days	amount	-
	scaffoldings/ H-frames, set	20	/day			-
	minor tools (10% of Labor Cost)					-
	Total Direct Cost (1 + 2 + 3)					-
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)		of item 4			-
6	Contractor's Profit		of item 4			-
7	Tax		5% of item 4 + 5 + 6			-
8	Total Unit Cost (4 + 5 + 6 + 7)		Php			cost per item
V.	ELECTRICAL WORKS					
a.	Conduits and Boxes	125 l.m.				
1	material & description	quantity	unit cost		amount	-
	20mm (3/4") x 1200mm PVC moulding conduit pipe	93 pcs.	/pc.			-
	junction box(surface type)	12 pcs.	/pc.			-
	utility box (surface type)	16 pcs.	/pc.			-
	secondary rock spool	1 set	/set			-
	conduit fittings	1 lot	/lot			-
	consumables (5% of material cost)	1 lot	/lot			-
2	labor	no.	daily rate	no of days	amount	-
		production rate	lm/manhour	days to complete		
	Leadman	1	/day			-
	Skilled laborer	1	/day			-
	Unskilled laborer	2	/day			-
3	equipment (rental based on ACEL rates)	unit	daily rental	no of days	amount	-
	minor tools (10% of Labor Cost)	output rate	lm/manhour	days to complete		
			/day			-
4	Total Direct Cost (1 + 2 + 3)					-
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)		of item 4			-
6	Contractor's Profit		of item 4			-
7	Tax		5% of item 4 + 5 + 6			-
8	Total Unit Cost (4 + 5 + 6 + 7)		Php			cost per item



b.	Wires and Wiring Devices	150	l.m.				
1	material & description	quantity		unit cost		amount	-
	5.5 mm ² dia. THHN wire	20	l.m.		/ln.m.	-	
	3.5 mm ² dia. THHN wire	60	l.m.		/ln.m.	-	
	2.0mm ² dia. THHN wire	70	l.m.		/ln.m.	-	
	consumables (5% of material cost)	1	lot		/lot	-	
2	labor	no.	daily rate			no of days	amount
		production rate		lm/manhour			days to complete
	Leadman	1			/day		-
	Skilled laborer	1			/day		-
	Unskilled laborer	1			/day		-
3	equipment (rental based on ACEL rates)	unit	daily rental			no of days	amount
		output rate		unit/manhour			days to complete
	minor tools (10% of Labor Cost)				/day		-
4	Total Direct Cost (1 + 2 + 3)					-	
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)					-	
6	Contractor's Profit					-	
7	Tax			5%		-	
8	Total Unit Cost (4 + 5 + 6 + 7)			Php		-	cost per item
c.	Electrical Fixtures	31	sets				
1	material & description	quantity		unit cost		amount	-
	One-gang switch, flush type, 10A, 230V (surface type)	5	set		/set	-	
	Three-gang switch, flush type, 10A, 230V (surface type)	1	set		/set	-	
	Duplex universal convenience outlet, flush type, 10A, 230V (surface type)	9	set		/set	-	
	2-T-8 LED lights with housing and diffuser	8	set		/set	-	
	5-watt round LED Pin light (recessed)	7	set		/set	-	
	ceiling mounted exhaust vent 8" x 8" incl. pipe and accessories	1	set		/set	-	
	consumables (5% of material cost)	1	lot		lot	-	
2	labor	no.	daily rate			no of days	amount
		production rate		unit/manhour			days to complete
	Leadman	1			/day		-
	Skilled laborer	1			/day		-
	Unskilled laborer	1			/day		-
3	equipment (rental based on ACEL rates)	unit	daily rental			no of days	amount
		output rate		unit/manhour			days to complete
	minor tools (10% of Labor Cost)				/day		-
4	Total Direct Cost (1 + 2 + 3)					-	
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)					-	
6	Contractor's Profit					-	
7	Tax			5%		-	
8	Total Unit Cost (4 + 5 + 6 + 7)			Php		-	cost per item
d.	Panel Board/ Boxes/ Breakers	6	sets				
1	material & description	quantity		unit cost		amount	-
	Panel Board with Main Breaker and 6 Branches 2 poles	1	set		/set	-	
	Circuit Breaker, plug-in, 60A/230V (main)	1	set		/set	-	
	Circuit Breaker, plug-in, 30A/230V	1	set		/set	-	
	Circuit Breaker, plug-in, 20A/230V	2	set		/set	-	
	Circuit Breaker, plug-in, 15A/230V	1	set		/set	-	
	consumables (5% of material cost)		lot		lot	-	
2	labor	no.	daily rate			no of days	amount
	5.50hrs/ panel board	production rate		set/manhour			days to complete
	Leadman	1			/day		0.00
	Skilled laborer	1			/day		0.00
3	equipment (rental based on ACEL rates)	unit	daily rental			no of days	amount
		output rate		set/manhour			days to complete
	minor tools (10% of Labor Cost)				/day		-
4	Total Direct Cost (1 + 2 + 3)					-	
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)					-	
6	Contractor's Profit					-	
7	Tax			5%		-	
8	Total Unit Cost (4 + 5 + 6 + 7)			Php		-	cost per item



VI.	PLUMBING WORKS						
a.	Pipe Lines		25 l.m.				
1	material & description	quantity		unit cost		amount	-
	(4")-100mm dia. X 3000mm PVC pipe, s-1000	5	pcs.	/pc.		-	
	(1/2")-20mm dia. X 3000mm PPR pipe, PN20	6	pcs.	/pc.		-	
	1/2 " diameter brass gate valve	1	unit	/unit		-	
	assorted fittings	1	lot	/lot		-	
	consumables (5% of material cost)	1	lot	/lot		-	
2	labor (cut, fabricate, instalaltion)	no.	daily rate		no of days	amount	-
		production rate		lm/manhour		days to complete	
	Leadman	1		/day		-	
	Skilled laborer	1		/day		-	
	Unskilled laborer	2		/day		-	
3	equipment (rental based on ACEL rates)	unit	daily rental		no of days	amount	-
		output rate		lm/manhour		days to complete	
	minor tools (10% of Labor Cost)			/day		-	
4	Total Direct Cost (1 + 2 + 3)					-	
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)			of item 4		-	
6	Contractor's Profit			of item 4		-	
7	Tax			5% of item 4 + 5 + 6		-	
8	Total Unit Cost (4 + 5 + 6 +7)			Php		-	cost per item
b.	Plumbing Fixtures		11 units				
1	material & description	quantity		unit cost		amount	-
	lavatory sink ,wall-hung with basin top stainless faucet including fittings and accessories	2	units	/unit		-	
	stainless kitchen sink with drainboard (800 mm x 450 mm) best quality including fittings and accessories	1	units	/unit		-	
	water closet, lever type with seat cover best quality with assorted fittings and accessories	2	units	/unit		-	
	shower head with faucet	2	units	/unit		-	
	stainless floor drain with insect proof and odor trap	4	units	/unit		-	
	12 drums stainless steel water tank with elevated steel stand (at least 1.5 meters)	1	units	/unit		-	
	consumables (5% of material cost)	1	lot	/lot		-	
2	labor	no.	daily rate		no of days	amount	-
		production rate		unit/manhour		days to complete	
	Leadman	1		/day		-	
	Skilled laborer	1		/day		-	
	Unskilled laborer	2		/day		-	
3	equipment (rental based on ACEL rates)	unit	daily rental		no of days	amount	-
		output rate	1	unit/manhour		days to complete	
	minor tools (10% of Labor Cost)			/day		-	
4	Total Direct Cost (1 + 2 + 3)					-	
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)			of item 4		-	
6	Contractor's Profit			of item 4		-	
7	Tax			5% of item 4 + 5 + 6		-	
8	Total Unit Cost (4 + 5 + 6 +7)			Php		-	cost per item
VII.	ARCHITECTURAL FINISHINGS						
a.	Ceiling Works		135.34 sq.m				
1	material & description	quantity		unit cost		amount	-
	Interior ceiling-4.5 mm thick Fiber Cement Board	34	pcs.	/pc.		-	
	eaves-4.5 mm thick Fiber Cement Board (slotted/perforated)	12	pcs.	/pc.		-	
	25mm x 3000mm x .5 mm thick Wall Angle	55	pcs.	/pc.		-	
	12mm x 38mm x 5000mm x .5mm thick Carrying Channel	46	pcs.	/pc.		-	
	19mm x 50mm x 5000mm x .5mm thick Double Metal Furring	50	pcs.	/pc.		-	
	consumables (5% of material cost)	1	lot	/lot		-	



2	labor	no.	daily rate		no of days	amount	-
		production rate		sq.m./manhour		days to complete	
	Leadman	1		/day		-	
	Skilled laborer	2		/day		-	
	Unskilled laborer	4		/day		-	
3	equipment (rental based on ACEL rates)	unit	daily rental		no of days	amount	-
		output rate		m ² /manhour		days to complete	
	scaffoldings/ H-frames	40		/day		-	
	minor tools (10% of Labor Cost)			/day		-	
4	Total Direct Cost (1 + 2 + 3)				-		
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)			of item 4	-		
6	Contractor's Profit			of item 4	-		
7	Tax			5% of item 4 + 5 + 6	-		
8	Total Unit Cost (4 + 5 + 6 + 7)		Php		-		cost per item
b.	Dry wall partition	72.00	sq.m.				
	***Interior walls activity area and pantry	41.84	sq.m.				
	***male and female quarters	30.16	sq.m.				
1	material & description	quantity	unit cost			amount	-
	4.5 mm thick Fiber Cement Board	25	pcs.		/pc.	-	
	.4mm thick x 50mm x 75mm x 3m metal track	8	pcs.		/pc.	-	
	.4mm thick x 50mm x 75mm x 3m metal stud	51	pcs.		/pc.	-	
	consumables (5% of material cost)	1	lot		/lot	-	
2	labor	no.	daily rate		no of days	amount	-
		production rate		m ² /manhour		days to complete	
	Leadman	1		/day		-	
	Skilled laborer	1		/day		-	
	Unskilled Laborer	2		/day		-	
3	equipment (rental based on ACEL rates)	unit	daily rental		no of days	amount	-
		output rate		m ² /manhour		days to complete	
	minor tools (10% of Labor Cost)			/day		-	
4	Total Direct Cost (1 + 2 + 3)				-		
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)			of item 4	-		
6	Contractor's Profit			of item 4	-		
7	Tax			5% of item 4 + 5 + 6	-		
8	Total Unit Cost (4 + 5 + 6 + 7)		Php		-		cost per item
c.	Tileworks (Unglazed Floor Tiles)	146.72	sq.m.				
1	material & description	quantity	unit cost			amount	-
	0.6mx 0.60m non-skid unglazed tiles (darker shade)	393	pcs.		/pc	-	
	0.4mx 0.40m non-skid unglazed tiles (lighter shade-comfort rooms)	35	pcs.		/pc	-	
	cement	34.00	bags(40kg)		/bag	-	
	sand	4.00	m ³		/m ³	-	
	tile adhesive	14.00	bags(20kg)		/bag	-	
	tile grout	15.00	bags(5kg)		/bag	-	
	consumables (5% of Material Cost)	1	lot		/lot	-	
2	labor	no.	daily rate		no of days	amount	-
		production rate		m ² /manhour		days to complete	
	Leadman	1		/day		-	
	skilled laborer	2		/day		-	
	unskilled laborer	4		/day		-	
3	equipment (rental based on ACEL rates)	unit	daily rental		no of days	amount	-
		output rate		m ² /manhour		days to complete	
	minor tools (10% of Labor Cost)			/day		-	
4	Total Direct Cost (1 + 2 + 3)				-		
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)			of item 4	-		
6	Contractor's Profit			of item 4	-		
7	Tax			5% of item 4 + 5 + 6	-		
8	Total Unit Cost (4 + 5 + 6 + 7)		Php		-		cost per item



d.	Tileworks (glazed wall tiles)	18.00	sq.m.				
	***Male & Female Quarters Cr (walls) at 1.5m height	18.00					
1	<i>material & description</i>	<i>quantity</i>	<i>unit cost</i>		<i>amount</i>		-
	0.40mx 0.40m glazed wall tiles	113.00	pcs.		/pc.		-
	cement	6.00	bag		/bag		-
	sand	1.00	m ³		/m ³		-
	tile adhesive	3.00	bags		/bag		-
	tile grout	3.00	bags		/bag		-
	consumables (5% of Material Cost)	1	lot		/lot		-
2	<i>labor</i>	<i>no.</i>	<i>daily rate</i>		<i>no of days</i>	<i>amount</i>	-
		<i>production rate</i>		<i>m²/manhour</i>		<i>days to complete</i>	
	Leadman	1		/day		-	
	skilled laborer	1		/day		-	
	unskilled laborer	2		/day		-	
3	<i>equipment (rental based on ACEL rates)</i>	<i>unit</i>	<i>daily rental</i>		<i>no of days</i>	<i>amount</i>	-
		<i>output rate</i>				<i>days to complete</i>	
	minor tools (10% of Labor Cost)			/day		-	
4	<i>Total Direct Cost (1 + 2 + 3)</i>					-	
5	<i>OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)</i>			<i>of item 4</i>		-	
6	<i>Contractor's Profit</i>			<i>of item 4</i>		-	
7	<i>Tax</i>			5% <i>of item 4 + 5 + 6</i>		-	
8	<i>Total Unit Cost (4 + 5 + 6 + 7)</i>			Php		-	<i>cost per item</i>
e.	Kitchen counter and Cabinetry including floating shelf	1.00	l.s.				
1	<i>material & description</i>	<i>quantity</i>	<i>unit cost</i>		<i>amount</i>		-
	3/4" thick x 1200mm x 2440mm mdf laminated wood counter	3.00	pcs.		/pc.		-
	2" x 2" x 6000mm square tubulars	8.00	pcs.		/pc.		-
	hardwares and accessories	1.00	lot		/lot		-
	welding rod	3.00	kg.		/kg.		-
	Red oxide metal primer (2 coats only)	1.00	gal.		/gal.		-
	consumables (5% of Material Cost)	1	lot		/lot		-
2	<i>labor</i>	<i>no.</i>	<i>daily rate</i>		<i>no of days</i>	<i>amount</i>	-
		<i>production rate</i>		<i>m²/manhour</i>		<i>days to complete</i>	
	Leadman	1		/day		-	
	skilled laborer	1		/day		-	
	unskilled laborer	2		/day		-	
3	<i>equipment (rental based on ACEL rates)</i>	<i>unit</i>	<i>daily rental</i>		<i>no of days</i>	<i>amount</i>	-
		<i>output rate</i>				<i>days to complete</i>	
	Welding Machine			/day		-	
	minor tools (10% of Labor Cost)			/day		-	
4	<i>Total Direct Cost (1 + 2 + 3)</i>					-	
5	<i>OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)</i>			<i>of item 4</i>		-	
6	<i>Contractor's Profit</i>			<i>of item 4</i>		-	
7	<i>Tax</i>			5% <i>of item 4 + 5 + 6</i>		-	
8	<i>Total Unit Cost (4 + 5 + 6 + 7)</i>			Php		-	<i>cost per item</i>
f.	Aluminum Windows	10.92	sq.m.				
1	<i>material & description</i>	<i>quantity</i>	<i>unit cost</i>		<i>amount</i>		-
	2 sets W1-2000mm x 1300mm Powder coated aluminum window, awning-sliding type	5.2	sq.m.		/sq.m.		-
	2 sets W2-2400mm x 900mm, Powder Coated aluminum window,awning sliding type	4.32	sq.m.		/sq.m.		-
	1 sets W3- 1800mm x 900mm , Powder Coated aluminum window, awning-sliding type	1.62	sq.m.		/sq.m.		-
	2 set W4- 600mm x 3000mm, Powder coated aluminum window, awning type	2.6	sq.m.		/sq.m.		-
	1 set W5- 750mm x 600mm, Powder coated aluminum window, awning type	0.9	sq.m.		/sq.m.		-
	consumables (5% of material cost)		lot		lot		-



2	<i>labor</i>	<i>no.</i>	<i>daily rate</i>		<i>no of days</i>	<i>amount</i>	-
		<i>production rate</i>		<i>m²/manhour</i>		<i>days to complete</i>	
	Leadman	1		/day		-	
	skilled laborer	1		/day		-	
	unskilled laborer	1		/day		-	
3	<i>equipment (rental based on ACEL rates)</i>	<i>unit</i>	<i>daily rental</i>		<i>no of days</i>	<i>amount</i>	-
		<i>output rate</i>		<i>m²/manhour</i>		<i>days to complete</i>	
	minor tools (10% of Labor Cost)			/day		-	
4	<i>Total Direct Cost (1 + 2 + 3)</i>						
5	<i>OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)</i>				<i>of item 4</i>		
6	<i>Contractor's Profit</i>				<i>of item 4</i>		
7	<i>Tax</i>			5%	<i>of item 4 + 5 + 6</i>		
8	<i>Total Unit Cost (4 + 5 + 6 + 7)</i>			Php	-		<i>cost per item</i>
g.	Doors	5 sets					
1	<i>material & description</i>	<i>quantity</i>		<i>unit cost</i>		<i>amount</i>	-
	D1- 900mm x 2100mm, Steel door with steel jamb, including lockset and accessories, slate gray	1	sets		/set	-	
	D2- 800mm x 2100mm, HDF laminated Dark wood finish with lever type handle and wood Door Jamb painted, including lockset and accessories	2	sets		/set	-	
	D3- 750mm x 2100mm, HDF laminated Dark wood finish with louvre, with lever type handle and wood Door Jamb painted, including lockset and accessories	2	sets		/set	-	
	consumables (5% of material cost)	1	lot		lot	-	
2	<i>labor</i>	<i>no.</i>	<i>daily rate</i>		<i>no of days</i>	<i>amount</i>	-
		<i>production rate</i>		<i>m²/manhour</i>		<i>days to complete</i>	
	Leadman	1		/day		-	
	skilled laborer	1		/day		-	
	unskilled laborer	1		/day		-	
3	<i>equipment (rental based on ACEL rates)</i>	<i>unit</i>	<i>daily rental</i>		<i>no of days</i>	<i>amount</i>	-
		<i>output rate</i>		<i>m²/manhour</i>		<i>days to complete</i>	
	minor tools (10% of Labor Cost)			/day		-	
4	<i>Total Direct Cost (1 + 2 + 3)</i>					-	
5	<i>OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)</i>				<i>of item 4</i>	-	
6	<i>Contractor's Profit</i>				<i>of item 4</i>	-	
7	<i>Tax</i>			5%	<i>of item 4 + 5 + 6</i>	-	
8	<i>Total Unit Cost (4 + 5 + 6 + 7)</i>			Php	-		<i>cost per item</i>
h.	Painting (Ceiling and Interior walls, exterior walls masonry)	262.78	sq.m.				
1	<i>material & description</i>	<i>quantity</i>		<i>unit cost</i>		<i>amount</i>	-
	Primer/sealer	12	gal.		/gal.	-	
	skim coat	11	bag		/bag	-	
	Semi-gloss latex (two coats only)	22	gal.		/gal.	-	
	Glazing Putty (Ceiling and Dry wall)	7	gal.		/gal.	-	
	Cementitious Water proofing (Comfort Rooms)	3	gal.		/gal.	-	
	consumables (5% of material cost)	1	lot			-	



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2	labor	no.	daily rate		no of days	amount	-
		production rate		m ³ /manhour		days to complete	
	Leadman	1		/day		-	
	skilled laborer	2		/day		-	
	unskilled laborer	4		/day		-	
3	equipment (rental based on ACEL rates)	unit	daily rental		no of days	amount	-
		output rate		m ³ /manhour		days to complete	
	scaffoldings/ H-frames	20		/day		-	
	minor tools (10% of Labor Cost)			/day		-	
4	Total Direct Cost (1 + 2 + 3)					-	
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)					-	
6	Contractor's Profit					-	
7	Tax			5%		-	
8	Total Unit Cost (4 + 5 + 6 + 7)			Php		-	cost per item
VIII	FIRE SAFETY	3.00 units					
1	material & description	quantity		unit cost		amount	-
	Luminous Fire Safety Signages Fire Exits	1	units	/unit		-	
	Emergency light, Best Quality	1	units	/unit		-	
	20lbs Fire Extinguisher with cabinet, best quality	1	units	/unit		-	
	consumables (3% of material cost)	1	lot			-	
2	labor	no.	daily rate		no of days	amount	-
		production rate		m ³ /manhour		days to complete	
	Leadman	1		/day		-	
	Skilled laborer	1		/day		-	
3	equipment (rental based on ACEL rates)	unit	daily rental		no of days	amount	-
		output rate		m ³ /manhour		days to complete	
	minor tools (10% of Labor Cost)			/day		-	
4	Total Direct Cost (1 + 2 + 3)					-	
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)					-	
6	Contractor's Profit					-	
7	Tax			5%		0.00	
8	Total Unit Cost (4 + 5 + 6 + 7)			Php		-	cost per item
Total Project Cost						Php	-
Prepared by:							
Name of Contractor/ Bidder							