

## Republic of the Philippines

## **BENGUET STATE UNIVERSITY**

La Trinidad, Benguet, Philippines 2601 Telephone No. (074) 422-2402 Web Address: www.bsu.edu.ph

CONSTRUCTION OF BIODIVERSITY RESEARCH CENTER BOKOD CAMPUS PHASE II

Owner

Benguet State University Bokod Campus, Daclan, Bokod, Benguet Location

		DETAILED	ESTIMATES				
l.	GENERAL REQUIREMENTS and SITE WORKS						
a.	Mobilization/Demobilization		1 LOT				
	1 material & description	qua	antity	unit co	ost	amount	
		Γ	1		T T		
	2 labor	no.	da	aily rate		amount	
	3 equipment (rental based on ACEL rates)	unit	dai	ily rental	no of days	amount	
	o equipment (rental based on AOLL rates)	output rate	uai	<i>у гепта</i> г	no or days	days to	
		output rate				complete	
	4 Total Direct Cost (1 + 2 + 3)	(1% of the Tota	I Estimated Direc	t Cost of the project	f)		
	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS	(1700)			7		
	5 EXPENSES)		0%	<u> </u>			
	6 Contractor's Profit		0%	)			
	7 Tax		7%	of item 4 + 5 + 6	-		
	0. Tatal Ocat (4 ) 5 ( 0 ) 7)		Dh.				
b.	8 Total Cost (4 + 5 + 6 +7)  Project Billboard	1	Php ea		-		cost per ite
	1 material & description		antity	unit co	ost	amount	
	Printed Tarpulin (8ft x 8ft)	5.76	sq.m.		/sq.m.	-	
	Ordinary Plywood	2	pcs		/pc	-	
	Good lumber	39.5	bd.ft.		/bd.ft	-	
	Assorted CWN	1	kg ,		/kg		
	2 labor	no.	mani	nourly rate		hours to	
		production rat	е			complete	
	Chilled Johann	1		man/hr			
	Skilled laborer Unskilled laborer	1		man/hr. man/hr.			
	Offskilled laborer	'		man/m.			
	3 equipment (rental based on ACEL rates)	unit	dai	ly rental	no of days	amount	
		output rate				days to complete	
						complete	
	4 Total Direct Cost (1 + 2 + 3)				-		
	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS		150/	of Home A			
	5 EXPENSES) 6 Contractor's Profit			of item 4	-		
	7 CONTRACTOR (170)		,				
	7 Tax		7%	of item 4 + 5 + 6	-		
	8 <b>Total Cost</b> (4 + 5 + 6 +7)		Php				cost per ite
	Occupational Safety and Health Program		1 LOT				
C.				1			
C.	1 material & description	qua	antity	unit co	ost	amount	

		Γ	ı	1			Т
	canvass (for jobsite perimeter enclosure/fencing)	1	roll		/roll	-	
	vest	8	pcs.		/pc.	-	
	safety shoe/ boots	8	pcs.		/pc.	-	
	safety gloves	8	pcs.		/pc.	_	
	skull guard/ hard hat		pcs.		/pc.	-	
	safety harnes	8	pcs.		/pc.	_	
	first aid kit				/lot		
		1	lot 			-	
2	fire extinguisher, 5lbs. (refill) labor	no.	unit da	lly rate	/unit no of days	- amount	-
		production rate				days to	
	Part time Safety Officer	-		/day		complete	
	Falt line Salety Officer	I		luay			,
3	equipment (rental based on ACEL rates)	unit	dail	y rental	no of days	amount	
		output rate				days to complete	
						,	
	Total Direct Cost (1 + 2 + 3)				-		
	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)		0%	of item 4	-		
6	Contractor's Profit		10%	of item 4	-		
7	Tax		70/	of item 4 + 5 + 6			
	Total Cost (4 + 5 + 6 +7)			oritem 4 + 3 + 0	-		cost per item
	EARTHWORKS		Php		-		cost per item
	Gravelling of Pavement near Basketball Court , Front and Left side						
	elevation of Building	32.81	m³				
1	material & description	quan	tity	unit co	ost	amount	-
	G 1/2 " Gravelling (with an area of 437.41 sqm. and 75mm thickness)	32.81	m³		/m³	-	
2	labor - cut, bend & place up to 5 storeys	no.	daily rate		no of days	amount	-
		production rate		cu.m./man hour		days to complete	
	Construction foreman	1		/day			-
	Skilled laborer			/day			-
3	Unskilled laborer equipment (rental based on ACEL rates)	5 unit	daily rental	/day	no of days	amount	- 
	oquipmont frontar badda diririozz tatody	output rate	dully romai	cu.m./unit hour	no or days	days to	
		output rate		ca.m./amenoa		complete	
	Vibratory Roller ( 5m.t) ) SPF56			/day			
	minor tools (10% of Labor Cost)			ruay		<u> </u>	
4	Total Direct Cost (1 + 2 + 3)				-		
	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)		15%	of item 4			
	Contractor's Profit			of item 4	-		
7	Tax		7%	of item 4 + 5 + 6	-		
8	<b>Total Cost</b> (4 + 5 + 6 +7)		Php	-			cost per item
7 8	Tax		7%	of item 4 + 5 + 6			cost p

a.							
	Reinforced Concrete (Additional Exterior Stairs), 3000 psi @ 28days	1.26	m³				
1	material & description	quan	titv	unit co	ost	amount	_
	10mm dia. x 6 m deformed steel bar, grade 33	-		am oc	/kgs.	_	
		1.00	_		/m3	_	
	gravel						
	sand	1.00			/m3	-	
	cement		_		/bag	-	
	#16 Galvanized Iron Wire	5.00	kgs.		/kgs.	-	
2	labor - cut, bend & place up to 5 storeys	no.	dai	ily rate	no of days	amount	-
		production rate		cu.m./manhour		days to	
		production rate		cu.m./mannour		complete	
	Construction foreman	1		/day		-	
	Skilled laborer	1		/day		-	
	Unskilled laborer	3		/day		-	
3	equipment (rental based on ACEL rates)	unit	dail	y rental	no of days	amount	-
		outnut rata	,	cu.m./unithour	,	days to	
		output rate		cu.m./unitnour		complete	
	One bagger mixer (4-6 cu.ft./min)			/day		-	
	Bar cutter			/day		-	
	Bar bender			/day		-	
	minor tools (10% of Labor Cost)					-	
4	Total Direct Cost (1 + 2 + 3)				_		
	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS						
5	EXPENSES)		15%	of item 4	-		
6	Contractor's Profit		10%	of item 4	-		
7	Тах		7%	of item 4 + 5 + 6	-		
8	<b>Total Cost</b> (4 + 5 + 6 +7)		Php		_		cost per item
b.	Formworks & False Works	1.26		L		L	,
	material & description	quantity		unit cost		amount	_
,	19mm x 1.2m x 2.4m Phenolic Board (3 uses)	3	pcs.	ant oost	/pc.	-	
		Ū	P		/po.		
1	Cood Lumber (2 uses)	20	hd ff		/hd ft		
	Good Lumber (3 uses)	20	bd.ft.		/bd.ft	-	
	consumables (5% of Material Cost)	1	lot		1	- -	
2					/bd.ft no of days	amount	-
2	consumables (5% of Material Cost)  labor - fabricate, install & strip up to 5 storeys	1	lot	m²/manhour	1	days to	-
2	consumables (5% of Material Cost)  labor - fabricate, install & strip up to 5 storeys	no.	lot	m²/manhour	1		-
2	consumables (5% of Material Cost)  labor - fabricate, install & strip up to 5 storeys  install	1 no. production rate	lot		1	days to	-
2	consumables (5% of Material Cost)  labor - fabricate, install & strip up to 5 storeys  install  Construction foreman	no.  production rate	lot	/day	1	days to	-
2	consumables (5% of Material Cost)  labor - fabricate, install & strip up to 5 storeys  install  Construction foreman Skilled laborer	no.  production rate  1 1	lot	/day /day	1	days to	-
2	consumables (5% of Material Cost)  labor - fabricate, install & strip up to 5 storeys  install  Construction foreman  Skilled laborer  Unskilled laborer	no.  production rate	lot	/day	1	days to	-
2	consumables (5% of Material Cost)  labor - fabricate, install & strip up to 5 storeys  install  Construction foreman Skilled laborer Unskilled laborer	no.  production rate  1 1	lot	/day /day /day	1	days to	-
2	consumables (5% of Material Cost)  labor - fabricate, install & strip up to 5 storeys  install  Construction foreman  Skilled laborer  Unskilled laborer	no.  production rate  1 1	lot	/day /day /day /day	1	days to	-
2	consumables (5% of Material Cost)  labor - fabricate, install & strip up to 5 storeys  install  Construction foreman Skilled laborer Unskilled laborer	1 no.  production rate  1 1 1 1	lot	/day /day /day	1	days to	-
	install  Construction foreman  Skilled laborer  Stripping  Construction foreman	1 no.  production rate  1 1 1 1	lot	/day /day /day /day	1	days to	-
	install  Construction foreman  Skilled laborer  stripping  Construction foreman  Unskilled laborer	1 no.  production rate  1 1 1 1 1 unit	lot daily rate	/day /day /day /day	no of days	days to complete	-
	install  Construction foreman  Skilled laborer  Unskilled laborer  stripping  Construction foreman  Unskilled labore equipment (rental based on ACEL rates)	1 no.  production rate  1 1 1 1 1 unit	lot daily rate	/day /day /day /day	no of days	days to complete  amount	-
3	install  Construction foreman  Skilled laborer  Unskilled laborer  stripping  Construction foreman  Unskilled labore equipment (rental based on ACEL rates)	1 no.  production rate  1 1 1 1 1 unit	lot  daily rate	/day /day /day /day	no of days	days to complete  amount	-
3	install  Construction foreman  Skilled laborer  Unskilled laborer  stripping  Construction foreman  Unskilled laborer  stripping  Construction foreman  Unskilled labore  install  Construction foreman  Unskilled laborer  stripping  Construction foreman  Unskilled labor  equipment (rental based on ACEL rates)  minor tools (10% of Labor Cost)	1 no.  production rate  1 1 1 1 1 unit	lot  daily rate	/day /day /day /day /day	no of days	days to complete  amount	-
3	install  Construction foreman  Skilled laborer  Unskilled laborer  stripping  Construction foreman  Unskilled labore  unskilled labore  typing  Construction foreman  Unskilled labore  equipment (rental based on ACEL rates)  minor tools (10% of Labor Cost)	1 no.  production rate  1 1 1 1 1 unit	lot  daily rate	/day /day /day /day	no of days	days to complete  amount	
3 4 5	install  Construction foreman  Skilled laborer  Unskilled laborer  stripping  Construction foreman  Unskilled laborer  stripping  Construction foreman  Unskilled laborer  stripping  Construction foreman  Unskilled labor  equipment (rental based on ACEL rates)  minor tools (10% of Labor Cost)  Total Direct Cost (1 + 2 + 3)  OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS	1 no.  production rate  1 1 1 1 1 unit	daily rate	/day /day /day /day /day /day of item 4	no of days  no of days	days to complete  amount	-
3 3 4 5 6	install  Construction foreman  Skilled laborer  Unskilled laborer  stripping  Construction foreman  Unskilled laborer  stripping  Construction foreman  Unskilled laborer  stripping  Construction foreman  Unskilled labor  equipment (rental based on ACEL rates)  minor tools (10% of Labor Cost)  Total Direct Cost (1 + 2 + 3)  OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)	1 no.  production rate  1 1 1 1 1 unit	daily rental  daily rental	/day /day /day /day /day /day of item 4	no of days  no of days	days to complete  amount	-
3 4 5 6 7	install  Construction foreman  Skilled laborer  Unskilled laborer  stripping  Construction foreman  Unskilled laborer  stripping  Construction foreman  Unskilled laborer  stripping  Construction foreman  Unskilled labor  equipment (rental based on ACEL rates)  minor tools (10% of Labor Cost)  Total Direct Cost (1 + 2 + 3)  OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)  Contractor's Profit	1 no.  production rate  1 1 1 1 1 unit	daily rental  daily rental	/day /day /day /day /day  /day  of item 4	no of days  no of days	days to complete  amount	cost per item
3 4 5 6 7	install  Construction foreman  Skilled laborer  Unskilled laborer  stripping  Construction foreman  Unskilled labore  unskilled labore  stripping  Construction foreman  Unskilled labor  equipment (rental based on ACEL rates)  minor tools (10% of Labor Cost)  Total Direct Cost (1 + 2 + 3)  OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)  Contractor's Profit  Tax	1 no.  production rate  1 1 1 1 1 unit	daily rental  daily rental  15% 10% 7% Php	/day /day /day /day /day  /day  of item 4	no of days  no of days	days to complete  amount	cost per item
3 4 5 6 7 8 IV.	install  Construction foreman Skilled laborer Unskilled laborer stripping  Construction foreman Unskilled laborer stripping  Construction foreman Unskilled labor equipment (rental based on ACEL rates) minor tools (10% of Labor Cost)  Total Direct Cost (1 + 2 + 3)  OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES) Contractor's Profit Tax Total Cost (4 + 5 + 6 + 7)  MASONRY WORKS	1 no.  production rate  1 1 1 1 unit	daily rental  daily rental  15% 10% 7% Php	/day /day /day /day /day  /day  of item 4	no of days  no of days	days to complete  amount	cost per item
3 4 5 6 7 8	install  Construction foreman Skilled laborer Unskilled laborer stripping  Construction foreman Unskilled laborer stripping  Construction foreman Unskilled labor equipment (rental based on ACEL rates) minor tools (10% of Labor Cost)  Total Direct Cost (1 + 2 + 3)  OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES) Contractor's Profit Tax Total Cost (4 + 5 + 6 + 7)  MASONRY WORKS  CHB Laying	1 no.  production rate  1 1 1 1 unit	daily rental  daily rental  15% 10% 7% Php m²	/day /day /day /day /day  /day  of item 4	no of days  no of days	days to complete  amount	cost per item
3 4 5 6 7 8 IV.	install  Construction foreman Skilled laborer Unskilled laborer stripping  Construction foreman Unskilled laborer stripping  Construction foreman Unskilled labor equipment (rental based on ACEL rates) minor tools (10% of Labor Cost)  Total Direct Cost (1 + 2 + 3)  OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES) Contractor's Profit Tax Total Cost (4 + 5 + 6 + 7)  MASONRY WORKS	1 no.  production rate  1 1 1 1 unit	daily rental  daily rental  15% 10% 7% Php m²	/day /day /day /day /day  /day  of item 4	no of days  no of days	days to complete  amount	cost per item

	1			T			1
	Stairs wall	6.27	m ²				
	Catch Basin	2.16	m ²	9 units			
	1 material & description	quantity		unit cost		amount	_
	100mm thk. CHB	1,492	ncs		/pc.		
	cement		bags		/bag		
		5.00			/m³		
	sand					-	
	10mm diameter x 6m reinforcing steel	387.00	_		/kgs.	-	
	#16 G.I. tie wire	6.00			/kgs.	-	
	2 labor	no.	daily rate		no of days	amount	-
		production rate		m²/manhour		days to complete	
	Construction foreman	1		/day		-	
	Skilled laborer	2		/day		-	
	Unskilled laborer	2		/day			
	3 equipment (rental based on ACEL rates)	unit	daily rental	raay	no of days	amount	
	equipment (rental based on ACLL rates)		ually rental		110 OI days	days to	-
		output rate		kgs/unithour		complete	
	one bagger mixer	1		/day			
	minor tools (10% of Labor Cost)	0.1				-	
	4 Total Direct Cost (1 + 2 + 3)				-		
	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS			of item 4			
	5 EXPENSES)		15%	or item 4	-		
	6 Contractor's Profit		10%	of item 4	-		
	7 Tax		7%	of item 4 + 5 + 6	-		
	8 <b>Total Cost</b> (4 + 5 + 6 +7)		Php	-			cost per item
b.	Plastering	136.65					
	Second Floor Comfort Rooms (interior)	56.79					
	Staff lounge/ kitchenette/comfort rooms	54.15					
	Stairs wall (near lift)	6.27					
	Stalls Wall (Heal lift)	0.27	Ш	0			
	Catch Basin	19.44	m ²	9 units @ 2.16 ea.			
			···				
	1 material 8 description	quantitu		unit cost		omount	
	1 material & description	quantity	1	unit cost	п.	amount	-
	cement	45.00	bags		/bag	-	
	sand		m³		/m³	-	
	2 labor	no.	daily rate		no of days	amount	-
	plastering	production rate		m²/manhour		days to complete	
						Tompioto	
	Construction foreman	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		m²/unithour		days to complete	
	scaffoldings/ H-frames	20		/day		-	
	minor tools (10% of Labor Cost)			/day		-	
	4 Total Direct Cost (1 + 2 + 3)			•			
	5		15%	of item 4	_		
	6 Contractor's Profit			of item 4			
	7 Tax			of item 4 + 5 + 6			
	8 Total Cost (4 + 5 + 6 +7)		Php	OF REAL # + U + 0	-		cost per item
V.	ELECTRICAL WORKS		FIIP				cost het tretti
. V.	ELECTRICAL WORKS						
	0 1 1 10 10 10 1						
a.	Conduits and Boxes (Second Floor)  1 material & description	368.3 quantity	lm.	unit cost		amount	

	25mm x 3/4 " flexible electrical conduit hose (per 100meters)	6	roll		/roll	-	
	20mm x 3000m PVC conduit pipe	29	pcs.		/pc.	-	
	junction box	34	pcs.		/pc.	-	
	deep utility box	20	pcs.		/pc.	-	
	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	
	Construction foreman	1		/day		-	
	Skilled laborer			/day		-	
	Unskilled laborer			/day		-	
3	equipment (rental based on ACEL rates)	unit	daily rental		no of days	amount days to	-
		output rate		lm/manhour		complete	
	scaffoldings/ H-frames, set	20		/day		-	
	minor tools (10% of Labor Cost)			/day		-	
4	Total Direct Cost (1 + 2 + 3)				-		
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)		15%	of item 4	-		
6	Contractor's Profit		10%	of item 4	-		
7	Tau		7%	of item 4 + 5 + 6			
	Tax				-		
	Total Cost (4 + 5 + 6 +7)	205	Php	•			cost per item
b.	Wires and Wiring Devices (Second Floor)	285	ım.				
,	material & description	quantity	1	unit cost	//	amount	-
	3.5 mm² dia. THHN wire		l.m.		/ln.m.	-	
	2.0 mm² dia. THHN wire		l.m.		/ln.m.	-	
	5.5 mm² dia. THHN wire		l.m.		/ln.m.	-	
	consumables (5% of material cost)		lot doilu roto		/lot	- amount	
	labor	no.	daily rate		no of days	amount days to	-
		production rate		lm/manhour		complete	
	Construction foreman	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		unit/manhour		days to complete	
	minor tools (10% of Labor Cost)			/day		-	
4	Total Direct Cost (1 + 2 + 3)				-		
	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS			of item 4			
5	EXPENSES)		15%	or item 4	-		
6	Contractor's Profit		10%	of item 4	-		
7	Tax		7%	of item 4 + 5 + 6	-		
8	<b>Total Cost</b> (4 + 5 + 6 +7)		Php	-			cost per item
C.	Electrical Fixtures(Second Floor)	52	units				
1	material & description	quantity		unit cost		amount	-
	One-gang switch,flush type, 10A, 230V	12	set		/set	-	
	Two-gang switch, flush type, 10A, 230V	4	set		/set	-	
	Duplex universal convenience outlet, flush type, 10A, 230V	20	set		/set	-	
	2-T-8 LED lights with housing and diffuser	24	set		/set	-	
	5-watt round LED Pin light (recessed)	8	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	
	Construction foreman	1 Page 5 of 13		/day		-	

	Skilled laborer	1		/day			
	Unskilled laborer			/day		-	
2			doily rontol	raay	no of days	omount	
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)		15%	of item 4	-		
6	Contractor's Profit		10%	of item 4	-		
7	Tax		7%	of item 4 + 5 + 6	-		
8	<b>Total Cost</b> (4 + 5 + 6 +7)		Php				cost per item
d.	Panel Board/ Boxes/ Breakers (Second Floor)	1	units				
1	material & description	quantity		unit cost		amount	-
	Circuit Proplem plum in COA/2201/ (main)	4			look		
	Circuit Breaker, plug-in, 60A/230V (main)		set		/set	-	
	consumables (5% of material cost)		lot daily rato		lot	- amount	
2	labor	no.	daily rate		no of days	days to	-
<u> </u>	5.50hrs/ panel board	production rate		unit/manhour		complete	
<del>                                     </del>	Construction foreman			/day		0.00	
<del>                                     </del>	Skilled laborer	1		/day		0.00	
<del> </del>							
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)			,	-		
	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS			C'' 4			
5	EXPENSES)		15%	of item 4	-		
6	Contractor's Profit		10%	of item 4	-		
7	Tax		7%	of item 4 + 5 + 6	-		
8	<b>Total Cost</b> (4 + 5 + 6 +7)		Php		-		cost per item
VI.	PLUMBING WORKS						
a.	Pipe Lines(Second Floor)	151	lm.				
1	material & description	quantity		unit cost		amount	-
	CB (4")-100mm dia. X 3000mm PVC pipe, s-1000	25	pcs.		/pc.	-	
	(1/2")-20mm dia. X 3000mm PPR pipe, PN20	10	pcs.		/pc.	-	
	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	
	Construction foreman	1		/day		-	
	Skilled laborer	2		/day		-	
	Unskilled laborer	2		/day		-	
3	equipment (rental based on ACEL rates)	unit	daily rental		no of days	amount	-
1		output rate		lm/manhour		days to complete	
	minor tools (10% of Labor Cost)			/day		-	
4	Total Direct Cost (1 + 2 + 3)			,	_		
·	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS			of itom 1			
5	EXPENSES)		15%	of item 4	-		
_			10%	of item 4	-		
6	Contractor's Profit				+		
	Contractor's Profit  Tax			of item 4 + 5 + 6	-		
7				of item 4 + 5 + 6	-		cost per item

1	material & description	quantity		unit cost		amount	
	450 mm x 450 mm lavatory sink (porcelain square), undercounter with basin top stainless faucet		sets		/set	_	
	With Submit top stammood raddet		0010		7001		
	450 mm lavatory sink (porcelain oval), undercounter with basin top						
	stainless faucet	5	sets		/set	-	
	double undermounted stainless kitchen sink (800 mm x 450 mm)						
	best quality	1	sets		/set	-	
	water closet, lever type with seat cover best quality with assorted						
	fittings and accessories	6	sets		/set	-	
	urinal (best quality) with assorted fittings and accessories	3	sets		/set	-	
			- oto		/a a t		
	stainless floor drain with insect proof and odor trap	12	sets		/set	•	
	16 drums stainless steel water tank with stand	2	sets		/set	-	
	booster pump 1 HP	2	units		/unit	-	
-	consumables (5% of material cost)		lot doile rata		/lot	-	
2	labor	no.	daily rate		no of days	amount days to	
		production rate		unit/manhour		complete	
	Construction foreman	1		/day		,	
	Skilled laborer	1		/day		-	
	Unskilled laborer	1		/day		-	
3	equipment (rental based on ACEL rates)	unit	daily rental	,,	no of days	amount	
	oquipmont (rontal sacca on rock rates)		dany roman		no or dayo	days to	
		output rate		unit/manhour		complete	
	minor tools (10% of Labor Cost)			/day		-	
4	Total Direct Cost (1 + 2 + 3)				-		
	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS			of item 4			
5	EXPENSES)		15%		-		
6	Contractor's Profit		10%	of item 4	-		
7	Тах		7%	of item 4 + 5 + 6	-		
8	<b>Total Cost</b> (4 + 5 + 6 +7)	1	Php	-	!		cost per iten
/II.	ARCHITECTURAL FINISHINGS						
/II. a.		362.96	m²				
a.	Ceiling Works ( Second Floor Interior)	<b>362.96</b>	m²	unit cost		amount	
a.	Ceiling Works ( Second Floor Interior)  material & description	quantity		unit cost	/pc.	amount -	
a.	Ceiling Works ( Second Floor Interior)  material & description  4.5 mm thick Fiber Cement Board	quantity 132	pcs.	unit cost	/pc.	amount -	
a.	Ceiling Works ( Second Floor Interior)  material & description  4.5 mm thick Fiber Cement Board  25mm x 3000mm x .5 mm thick Wall Angle	quantity 132 94	pcs.	unit cost	/pc.	amount - -	
a.	Ceiling Works ( Second Floor Interior)  material & description  4.5 mm thick Fiber Cement Board  25mm x 3000mm x .5 mm thick Wall Angle  12mm x 38mm x 5000mm x .5mm thick Carrying Channel	quantity 132 94 142	pcs. pcs.	unit cost	/pc.	-	
a.	Ceiling Works ( Second Floor Interior)  material & description  4.5 mm thick Fiber Cement Board  25mm x 3000mm x .5 mm thick Wall Angle  12mm x 38mm x 5000mm x .5mm thick Carrying Channel  19mm x 50mm x 5000mm x .5mm thick Double Metal Furring	quantity 132 94 142 435	pcs. pcs. pcs. pcs.	unit cost	/pc. /pc. /pc.	-	
a.	Ceiling Works ( Second Floor Interior)  material & description  4.5 mm thick Fiber Cement Board  25mm x 3000mm x .5 mm thick Wall Angle  12mm x 38mm x 5000mm x .5mm thick Carrying Channel  19mm x 50mm x 5000mm x .5mm thick Double Metal Furring  pre formed wire clip	quantity  132  94  142  435  2290	pcs. pcs. pcs. pcs. pcs.	unit cost	/pc. /pc. /pc.	-	
a.	Ceiling Works ( Second Floor Interior)  material & description  4.5 mm thick Fiber Cement Board  25mm x 3000mm x .5 mm thick Wall Angle  12mm x 38mm x 5000mm x .5mm thick Carrying Channel  19mm x 50mm x 5000mm x .5mm thick Double Metal Furring  pre formed wire clip  Rod suspension hanger with adjustment spring	quantity  132  94  142  435  2290  382	pcs. pcs. pcs. pcs. pcs. pcs.	unit cost	/pc. /pc. /pc. /pc. /pc.	- - - -	
a. 1	Ceiling Works ( Second Floor Interior)  material & description  4.5 mm thick Fiber Cement Board  25mm x 3000mm x .5 mm thick Wall Angle  12mm x 38mm x 5000mm x .5mm thick Carrying Channel  19mm x 50mm x 5000mm x .5mm thick Double Metal Furring  pre formed wire clip  Rod suspension hanger with adjustment spring  consumables (5% of material cost)	quantity  132  94  142  435  2290  382  1	pcs. pcs. pcs. pcs. pcs. pcs. pcs. lot	unit cost	/pc. /pc. /pc. /pc. /pc. /pc. /pc.	-	
a. 1	Ceiling Works ( Second Floor Interior)  material & description  4.5 mm thick Fiber Cement Board  25mm x 3000mm x .5 mm thick Wall Angle  12mm x 38mm x 5000mm x .5mm thick Carrying Channel  19mm x 50mm x 5000mm x .5mm thick Double Metal Furring  pre formed wire clip  Rod suspension hanger with adjustment spring	quantity  132  94  142  435  2290  382  1  no.	pcs. pcs. pcs. pcs. pcs. pcs.		/pc. /pc. /pc. /pc. /pc.	- - - -	
a. 1	Ceiling Works ( Second Floor Interior)  material & description  4.5 mm thick Fiber Cement Board  25mm x 3000mm x .5 mm thick Wall Angle  12mm x 38mm x 5000mm x .5mm thick Carrying Channel  19mm x 50mm x 5000mm x .5mm thick Double Metal Furring  pre formed wire clip  Rod suspension hanger with adjustment spring  consumables (5% of material cost)  labor	quantity  132  94  142  435  2290  382  1  no.  production rate	pcs. pcs. pcs. pcs. pcs. pcs. pcs. lot	sheet/manhour	/pc. /pc. /pc. /pc. /pc. /pc. /pc.	- - - - - - amount	
a. 1	Ceiling Works ( Second Floor Interior)  material & description  4.5 mm thick Fiber Cement Board  25mm x 3000mm x .5 mm thick Wall Angle  12mm x 38mm x 5000mm x .5mm thick Carrying Channel  19mm x 50mm x 5000mm x .5mm thick Double Metal Furring  pre formed wire clip  Rod suspension hanger with adjustment spring  consumables (5% of material cost)  labor  Construction foreman	quantity  132  94  142  435  2290  382  1  no.  production rate	pcs. pcs. pcs. pcs. pcs. pcs. pcs. lot	sheet/manhour /day	/pc. /pc. /pc. /pc. /pc. /pc. /pc.	- - - - - - amount days to	
a. 1	Ceiling Works ( Second Floor Interior)  material & description  4.5 mm thick Fiber Cement Board  25mm x 3000mm x .5 mm thick Wall Angle  12mm x 38mm x 5000mm x .5mm thick Carrying Channel  19mm x 50mm x 5000mm x .5mm thick Double Metal Furring  pre formed wire clip  Rod suspension hanger with adjustment spring  consumables (5% of material cost)  labor	quantity  132  94  142  435  2290  382  1  no.  production rate  1 2	pcs. pcs. pcs. pcs. pcs. pcs. pcs. lot	sheet/manhour	/pc. /pc. /pc. /pc. /pc. /pc. /pc.	- - - - - - amount days to	
a. 1	Ceiling Works ( Second Floor Interior)  material & description  4.5 mm thick Fiber Cement Board  25mm x 3000mm x .5 mm thick Wall Angle  12mm x 38mm x 5000mm x .5mm thick Carrying Channel  19mm x 50mm x 5000mm x .5mm thick Double Metal Furring  pre formed wire clip  Rod suspension hanger with adjustment spring  consumables (5% of material cost)  labor  Construction foreman	quantity  132  94  142  435  2290  382  1  no.  production rate	pcs. pcs. pcs. pcs. pcs. pcs. pcs. lot	sheet/manhour /day	/pc. /pc. /pc. /pc. /pc. /pc. /pc.	- - - - - - amount days to	
a. 1	Ceiling Works ( Second Floor Interior)  material & description  4.5 mm thick Fiber Cement Board  25mm x 3000mm x .5 mm thick Wall Angle  12mm x 38mm x 5000mm x .5mm thick Carrying Channel  19mm x 50mm x 5000mm x .5mm thick Double Metal Furring  pre formed wire clip  Rod suspension hanger with adjustment spring  consumables (5% of material cost)  labor  Construction foreman  Skilled laborer	quantity  132  94  142  435  2290  382  1  no.  production rate  1 2	pcs. pcs. pcs. pcs. pcs. pcs. pcs. lot	sheet/manhour /day	/pc. /pc. /pc. /pc. /pc. /pc. /pc.	- - - - - - amount days to	
a. 1	Ceiling Works ( Second Floor Interior)  material & description  4.5 mm thick Fiber Cement Board  25mm x 3000mm x .5 mm thick Wall Angle  12mm x 38mm x 5000mm x .5mm thick Carrying Channel  19mm x 50mm x 5000mm x .5mm thick Double Metal Furring  pre formed wire clip  Rod suspension hanger with adjustment spring  consumables (5% of material cost)  labor  Construction foreman  Skilled laborer	quantity  132  94  142  435  2290  382  1  no.  production rate  1 2	pcs. pcs. pcs. pcs. pcs. pcs. pcs. lot	sheet/manhour /day	/pc. /pc. /pc. /pc. /pc. /pc. /pc.	amount days to complete - amount	
a. 1	Ceiling Works ( Second Floor Interior)  material & description  4.5 mm thick Fiber Cement Board  25mm x 3000mm x .5 mm thick Wall Angle  12mm x 38mm x 5000mm x .5mm thick Carrying Channel  19mm x 50mm x 5000mm x .5mm thick Double Metal Furring  pre formed wire clip  Rod suspension hanger with adjustment spring  consumables (5% of material cost)  labor  Construction foreman  Skilled laborer  Unskilled laborer	quantity  132  94  142  435  2290  382  1  no.  production rate  1 2 4	pcs. pcs. pcs. pcs. pcs. pcs. lot daily rate	sheet/manhour /day	/pc. /pc. /pc. /pc. /pc. /pc. /pc. /lot no of days	amount days to complete - amount days to complete - amount	
a. 1	Ceiling Works ( Second Floor Interior)  material & description  4.5 mm thick Fiber Cement Board  25mm x 3000mm x .5 mm thick Wall Angle  12mm x 38mm x 5000mm x .5mm thick Carrying Channel  19mm x 50mm x 5000mm x .5mm thick Double Metal Furring  pre formed wire clip  Rod suspension hanger with adjustment spring  consumables (5% of material cost)  labor  Construction foreman  Skilled laborer  Unskilled laborer  equipment (rental based on ACEL rates)	quantity  132  94  142  435  2290  382  1  no.  production rate  1  2  4  unit  output rate	pcs. pcs. pcs. pcs. pcs. pcs. lot daily rate	sheet/manhour /day /day /day /day	/pc. /pc. /pc. /pc. /pc. /pc. /pc. /lot no of days	amount days to complete - amount	
a. 1	Ceiling Works ( Second Floor Interior)  material & description  4.5 mm thick Fiber Cement Board  25mm x 3000mm x .5 mm thick Wall Angle  12mm x 38mm x 5000mm x .5mm thick Carrying Channel  19mm x 50mm x 5000mm x .5mm thick Double Metal Furring  pre formed wire clip  Rod suspension hanger with adjustment spring  consumables (5% of material cost)  labor  Construction foreman  Skilled laborer  Unskilled laborer	quantity  132  94  142  435  2290  382  1  no.  production rate  1  2  4  unit  output rate  40	pcs. pcs. pcs. pcs. pcs. pcs. lot daily rate	sheet/manhour /day /day	/pc. /pc. /pc. /pc. /pc. /pc. /pc. /lot no of days	amount days to complete - amount days to complete - amount	

	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS						
5	EXPENSES)		15%	of item 4	-		
6	Contractor's Profit		10%	of item 4	-		
7	Tax		7%	of item 4 + 5 + 6	-		
8	<b>Total Cost</b> (4 + 5 + 6 +7)		Php				cost per item
b.	Dry wall partition	50.22	m²				
		27.00	m²				
	***male and female quarters	23.22	m²				
1	material & description	quantity		unit cost		amount	-
	4.5 mm thick Fiber Cement Board	18	pcs.		/pc.	-	
	.4mm thick x 50mm x 75mm x 3m metal track	36	pcs.		/pc.	-	
	.4mm thick x 50mm x 75mm x 3m metal stud	37	pcs.		/pc.	-	
	consumables (5% of material cost)	1	lot		/lot	-	
2	labor	no.	daily rate		no of days	amount	-
		production rate		m²/manhour		days to	
	Construction Foreman	1		/dov		complete	
	Construction Foreman Skilled laborer	1		/day		-	
	Skilled laborer Unskilled Laborer	2		/day		-	
2		4 unit	doily routal	/day	no of dour	- amount	
3	equipment (rental based on ACEL rates)		daily rental	2/ -	no of days	amount days to	-
		output rate		m²/manhour		complete	
	minor tools (10% of Labor Cost)			/day		-	
4	Total Direct Cost (1 + 2 + 3)				-		
	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS			of item 4			
	EXPENSES)		15%	C'' 4	-		
	Contractor's Profit		10%		-		
	Tax  Total Cost (4 + 5 + 6 +7)		/% Php	of item 4 + 5 + 6	-		and now it am
0	10tal COSt (4 + 5 + 6 + 7)						
		205.24		•			cost per item
C.	Tileworks (Unglazed Floor Tiles )	385.34	m²	unit oost		omount	cost per item
	Tileworks (Unglazed Floor Tiles ) material & description	quantity		unit cost		amount	cost per item
	Tileworks (Unglazed Floor Tiles )  material & description  ***Exhibit hall (Museum)	quantity 66		unit cost		amount	cost per item
	Tileworks (Unglazed Floor Tiles )  material & description  ***Exhibit hall (Museum)  ***Conference (Meeting Room)	quantity 66 55		unit cost		amount	cost per item
	Tileworks (Unglazed Floor Tiles )  material & description  ***Exhibit hall (Museum)  ***Conference (Meeting Room)  ***Pantry	quantity 66 55 19		unit cost		amount	cost per item
	Tileworks (Unglazed Floor Tiles )  material & description  ***Exhibit hall (Museum)  ***Conference (Meeting Room)  ***Pantry  ***Employees Lounge	quantity 66 55 19 18		unit cost		amount	-
	Tileworks (Unglazed Floor Tiles )  material & description  ***Exhibit hall (Museum)  ***Conference (Meeting Room)  ***Pantry  ***Employees Lounge  ***Male & Female Quarters	quantity 66 55 19 18 28		unit cost		amount	-
	Tileworks (Unglazed Floor Tiles )  material & description  ***Exhibit hall (Museum)  ***Conference (Meeting Room)  ***Pantry  ***Employees Lounge  ***Male & Female Quarters  ***Second Floor Lobby	quantity 66 55 19 18 28 36.5		unit cost		amount	- Cost per item
	Tileworks (Unglazed Floor Tiles )  material & description  ***Exhibit hall (Museum)  ***Conference (Meeting Room)  ***Pantry  ***Employees Lounge  ***Male & Female Quarters  ***Second Floor Lobby  ***Male & Female Comfort Rooms	quantity 66 55 19 18 28 36.5 30.5		unit cost		amount	- Cost per item
	Tileworks (Unglazed Floor Tiles )  material & description  ***Exhibit hall (Museum)  ***Conference (Meeting Room)  ***Pantry  ***Employees Lounge  ***Male & Female Quarters  ***Second Floor Lobby  ***Male & Female Comfort Rooms  ***Male & Female Quarters Cr	quantity 66 55 19 18 28 36.5 30.5 5.6		unit cost		amount	- Cost per item
	Tileworks (Unglazed Floor Tiles )  material & description  ***Exhibit hall (Museum)  ***Conference (Meeting Room)  ***Pantry  ***Employees Lounge  ***Male & Female Quarters  ***Second Floor Lobby  ***Male & Female Comfort Rooms  ***Male & Female Quarters Cr  ***Stairs	quantity 66 55 19 18 28 36.5 30.5 5.6 6.3		unit cost		amount	cost per item
	Tileworks (Unglazed Floor Tiles )  material & description  ***Exhibit hall (Museum)  ***Conference (Meeting Room)  ***Pantry  ***Employees Lounge  ***Male & Female Quarters  ***Second Floor Lobby  ***Male & Female Comfort Rooms  ***Male & Female Quarters Cr  ***Stairs  ***Balcony	quantity 66 55 19 18 28 36.5 30.5 5.6 6.3 24.6		unit cost		amount	- Cost per item
	Tileworks (Unglazed Floor Tiles )  material & description  ***Exhibit hall (Museum)  ***Conference (Meeting Room)  ***Pantry  ***Employees Lounge  ***Male & Female Quarters  ***Second Floor Lobby  ***Male & Female Comfort Rooms  ***Male & Female Quarters Cr  ***Stairs	quantity 66 55 19 18 28 36.5 30.5 5.6 6.3		unit cost		amount	- Cost per item
	Tileworks (Unglazed Floor Tiles )  material & description  ***Exhibit hall (Museum)  ***Conference (Meeting Room)  ***Pantry  ***Employees Lounge  ***Male & Female Quarters  ***Second Floor Lobby  ***Male & Female Comfort Rooms  ***Male & Female Quarters Cr  ***Stairs  ***Balcony  ***ground floor exterior stairs and balcony	quantity 66 55 19 18 28 36.5 30.5 5.6 6.3 24.6 95.84	m²	unit cost	/pc	amount	- Cost per item
	Tileworks (Unglazed Floor Tiles )  material & description  ***Exhibit hall (Museum)  ***Conference (Meeting Room)  ***Pantry  ***Employees Lounge  ***Male & Female Quarters  ***Second Floor Lobby  ***Male & Female Comfort Rooms  ***Male & Female Quarters Cr  ***Stairs  ***Stairs  ***Balcony  ***ground floor exterior stairs and balcony  0.6mx 0.60m non-skid unglazed tiles (darker shade)	quantity 66 55 19 18 28 36.5 30.5 5.6 6.3 24.6 95.84	m²	unit cost	/pc	amount	- COST PER ITEM
	Tileworks (Unglazed Floor Tiles )  material & description  ***Exhibit hall (Museum)  ***Conference (Meeting Room)  ***Pantry  ***Employees Lounge  ***Male & Female Quarters  ***Second Floor Lobby  ***Male & Female Comfort Rooms  ***Male & Female Quarters Cr  ***Stairs  ***Stairs  ***Balcony  ***ground floor exterior stairs and balcony  0.6mx 0.60m non-skid unglazed tiles (darker shade)  0.4mx 0.40m non-skid unglazed tiles (lighter shade-comfort rooms)	quantity 66 55 19 18 28 36.5 30.5 5.6 6.3 24.6 95.84	m²	unit cost	/pc /pc	amount	- Cost per item
	Tileworks (Unglazed Floor Tiles )  material & description  ***Exhibit hall (Museum)  ***Conference (Meeting Room)  ***Pantry  ***Employees Lounge  ***Male & Female Quarters  ***Second Floor Lobby  ***Male & Female Comfort Rooms  ***Male & Female Quarters Cr  ***Stairs  ***Stairs  ***Balcony  ***ground floor exterior stairs and balcony  0.6mx 0.60m non-skid unglazed tiles (darker shade)	quantity 66 55 19 18 28 36.5 30.5 5.6 6.3 24.6 95.84	m²	unit cost		amount	- COST PER ITEM
	Tileworks (Unglazed Floor Tiles )  material & description  ***Exhibit hall (Museum)  ***Conference (Meeting Room)  ***Pantry  ***Employees Lounge  ***Male & Female Quarters  ***Second Floor Lobby  ***Male & Female Comfort Rooms  ***Male & Female Quarters Cr  ***Stairs  ***Balcony  ***ground floor exterior stairs and balcony  0.6mx 0.60m non-skid unglazed tiles (darker shade)  0.4mx 0.40m non-skid unglazed tiles (lighter shade-comfort rooms)  0.4mx 0.40m non-skid unglazed tiles (balcony); (ground floor exterior stairs and balcony)	quantity 66 55 19 18 28 36.5 30.5 5.6 6.3 24.6 95.84	pcs.	unit cost	/pc	amount	- Cost per item
	Tileworks (Unglazed Floor Tiles )  material & description  ***Exhibit hall (Museum)  ***Conference (Meeting Room)  ***Pantry  ***Employees Lounge  ***Male & Female Quarters  ***Second Floor Lobby  ***Male & Female Comfort Rooms  ***Male & Female Quarters Cr  ***Stairs  ***Balcony  ***ground floor exterior stairs and balcony  0.6mx 0.60m non-skid unglazed tiles (darker shade)  0.4mx 0.40m non-skid unglazed tiles (lighter shade-comfort rooms)  0.4mx 0.40m non-skid unglazed tiles (balcony); (ground floor exterior	quantity 66 55 19 18 28 36.5 30.5 5.6 6.3 24.6 95.84	pcs.	unit cost	/pc	amount	- Cost per item
	Tileworks (Unglazed Floor Tiles )  material & description  ***Exhibit hall (Museum)  ***Conference (Meeting Room)  ***Pantry  ***Employees Lounge  ***Male & Female Quarters  ***Second Floor Lobby  ***Male & Female Comfort Rooms  ***Male & Female Quarters Cr  ***Stairs  ***Stairs  ***Balcony  ***ground floor exterior stairs and balcony  0.6mx 0.60m non-skid unglazed tiles (darker shade)  0.4mx 0.40m non-skid unglazed tiles (lighter shade-comfort rooms)  0.4mx 0.40m non-skid unglazed tiles (balcony); (ground floor exterior stairs and balcony)  1 1/2 " x 1 " x 2000mm aluminum bull-nosed anti-slip stair tread (	quantity 66 55 19 18 28 36.5 30.5 5.6 6.3 24.6 95.84  671 238	m²  pcs. pcs.	unit cost	/pc	amount	- Cost per item
	Tileworks (Unglazed Floor Tiles )  material & description  ***Exhibit hall (Museum)  ***Conference (Meeting Room)  ***Pantry  ***Employees Lounge  ***Male & Female Quarters  ***Second Floor Lobby  ***Male & Female Comfort Rooms  ***Male & Female Quarters Cr  ***Stairs  ***Stairs  ***Balcony  ***ground floor exterior stairs and balcony  0.6mx 0.60m non-skid unglazed tiles (darker shade)  0.4mx 0.40m non-skid unglazed tiles (lighter shade-comfort rooms)  0.4mx 0.40m non-skid unglazed tiles (balcony); (ground floor exterior stairs and balcony)  1 1/2 " x 1 " x 2000mm aluminum bull-nosed anti-slip stair tread (interior stairs and exterior stairs)	quantity 66 55 19 18 28 36.5 30.5 5.6 6.3 24.6 95.84  671 238 583	pcs. pcs.	unit cost	/pc /pc	amount	- Cost per item
	Tileworks (Unglazed Floor Tiles )  material & description  ***Exhibit hall (Museum)  ***Conference (Meeting Room)  ***Pantry  ***Employees Lounge  ***Male & Female Quarters  ***Second Floor Lobby  ***Male & Female Comfort Rooms  ***Male & Female Quarters Cr  ***Stairs  ***Stairs  ***Balcony  ***ground floor exterior stairs and balcony  0.6mx 0.60m non-skid unglazed tiles (darker shade)  0.4mx 0.40m non-skid unglazed tiles (lighter shade-comfort rooms)  0.4mx 0.40m non-skid unglazed tiles (balcony); (ground floor exterior stairs and balcony)  1 1/2 " x 1 " x 2000mm aluminum bull-nosed anti-slip stair tread (interior stairs and exterior stairs)  cement	quantity 66 55 19 18 28 36.5 30.5 5.6 6.3 24.6 95.84  671 238 583 35 126.00	pcs. pcs. pcs. bags(40kg)	unit cost	/pc /pc /pc /bag	amount	- Cost per item
	Tileworks (Unglazed Floor Tiles )  material & description  ***Exhibit hall (Museum)  ***Conference (Meeting Room)  ***Pantry  ***Employees Lounge  ***Male & Female Quarters  ***Second Floor Lobby  ***Male & Female Comfort Rooms  ***Male & Female Quarters Cr  ***Stairs  ***Stairs  ***Balcony  ***ground floor exterior stairs and balcony  0.6mx 0.60m non-skid unglazed tiles (darker shade)  0.4mx 0.40m non-skid unglazed tiles (balcony); (ground floor exterior stairs and balcony)  1 1/2 " x 1 " x 2000mm aluminum bull-nosed anti-slip stair tread (interior stairs and exterior stairs)  cement  sand	quantity 66 55 19 18 28 36.5 30.5 5.6 6.3 24.6 95.84  671 238  583  35 126.00 11.00	pcs. pcs. pcs. bags(40kg) m³	unit cost	/pc /pc /pc /pc /bag /m³	amount	cost per item
	Tileworks (Unglazed Floor Tiles )  material & description  ***Exhibit hall (Museum)  ***Conference (Meeting Room)  ***Pantry  ***Employees Lounge  ***Male & Female Quarters  ***Second Floor Lobby  ***Male & Female Comfort Rooms  ***Male & Female Quarters Cr  ***Stairs  ***Stairs  ***Balcony  ***ground floor exterior stairs and balcony  0.6mx 0.60m non-skid unglazed tiles (darker shade)  0.4mx 0.40m non-skid unglazed tiles (lighter shade-comfort rooms)  0.4mx 0.40m non-skid unglazed tiles (balcony); (ground floor exterior stairs and balcony)  1 1/2 "x 1" x 2000mm aluminum bull-nosed anti-slip stair tread (interior stairs and exterior stairs)  cement  sand  tile adhesive	quantity 66 55 19 18 28 36.5 30.5 5.6 6.3 24.6 95.84  671 238 583 35 126.00 11.00 56.00	pcs. pcs. pcs. bags(40kg) m³ bags(20kg)	unit cost	/pc /pc /pc /bag /m³ /bag	amount	cost per item
	Tileworks (Unglazed Floor Tiles )  material & description  ***Exhibit hall (Museum)  ***Conference (Meeting Room)  ***Pantry  ***Employees Lounge  ***Male & Female Quarters  ***Second Floor Lobby  ***Male & Female Comfort Rooms  ***Male & Female Quarters Cr  ***Stairs  ****balcony  ***ground floor exterior stairs and balcony  0.6mx 0.60m non-skid unglazed tiles (darker shade)  0.4mx 0.40m non-skid unglazed tiles (lighter shade-comfort rooms)  0.4mx 0.40m non-skid unglazed tiles (balcony); (ground floor exterior stairs and balcony)  1 1/2 " x 1 " x 2000mm aluminum bull-nosed anti-slip stair tread (interior stairs and exterior stairs)  cement  sand  tile adhesive  tile grout  labor	quantity 66 55 19 18 28 36.5 30.5 5.6 6.3 24.6 95.84  671 238 583 35 126.00 11.00 56.00 49.00	pcs. pcs. pcs. bags(40kg) m³ bags(20kg) bags(5kg)	unit cost	/pc /pc /pc /pc /bag /m³ /bag		-

	Construction foreman	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		kgs/unithour		days to complete	
	minor tools (10% of Labor Cost)			/day		-	
	Total Direct Cost (1 + 2 + 3)  OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS		15%	of item 4	-		
	EXPENSES) Contractor's Profit			of item 4	-		
	Tax			of item 4 + 5 + 6	-		
	Total Cost (4 + 5 + 6 +7)		Php	- CT NOTE 1	-		cost per item
	Tileworks (glazed wall tiles)	119.75	•				ood por itom
u.	***Male & Female Comfort Rooms (walls)	84.105					
	***Male & Female Quarters Cr (walls)	35.64					
	maio di omaio diditio di (maio)	33.01					
1	material & description	quantity		unit cost		amount	-
	0.30mx 0.60m glazed wall tiles	667.00	pcs.		/pc.	-	
	cement	39.00	bag		/bag		
	sand	4.00	m³		/m³	-	
	tile adhesive	18.00	bags		/bag	-	
	tile grout	15.00	bags		/bag	-	
	Consumables 3% of Material Cost					-	
2	labor	no.	daily rate		no of days	amount	-
		production rate		m²/manhour		days to complete	
	Constructyion foreman			/day		-	
	skilled laborer	2		/day		-	
	unskilled laborer	3		/day		-	
3	equipment (rental based on ACEL rates)	unit	daily rental		no of days	amount days to	-
	minor tools (100) of Labor Cost)	output rate	1.365	kgs/unithour		complete	
	minor tools (10% of Labor Cost)			/day		-	
4	Total Direct Cost (1 + 2 + 3)				-		
	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)		15%	of item 4	-		
	Contractor's Profit			of item 4	-		
	Tax			of item 4 + 5 + 6	-		
	<b>Total Cost</b> (4 + 5 + 6 +7)		Php	•			cost per item
е.	Granite works	5.25	m²				
	***Male & Female Comfort Rooms counter top	2.5					
	***Male & Female Quarters Comfort Rooms counter top plus back splash	0.5					
	***Kitchenette Counter top plus back splash	2.25					
1	material & description	quantity		unit cost		amount	-
	Granite slab (black galaxy or equivalent)	5.25	m²		/m²	-	
	cement	0.30	bags		/bag	-	
	washed sand	0.10	m³		/m³	-	
	tile grout		bags		/bag	-	
	Consumables 3% of Material Cost	1.00	lot			-	
2	labor	no.	daily rate		no of days	amount	-
		production rate		m²/manhour		days to	
		production rate		,		complete	

				/			
	skilled laborer	1		/day		-	
	unskilled laborer	2		/day		-	
3	equipment (rental based on ACEL rates)	unit	daily rental		no of days	amount	-
		output rate		kgs/unithour		days to complete	
	minor tools (10% of Labor Cost)			/day		-	
4	Total Direct Cost (1 + 2 + 3)				-		
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)		15%	of item 4	-		
6	Contractor's Profit		10%	of item 4	-		
7	Tax		7%	of item 4 + 5 + 6	-		
8	<b>Total Cost</b> (4 + 5 + 6 +7)		Php				cost per item
f.	Aluminum Windows & Partitions	20.8	m²				
1	material & description	quantity		unit cost		amount	-
	W130-1300mm x 2700mm Analoc aluminum window, awning-fixed type (3.51sqm ea)	4	sets		/set	-	
	W40a-400mm x 2700mm, Analoc aluminum window, fixed type ( 1.08sq. m. ea)	2	set		/set	-	
	W60- 600mm x 1000mm , Analoc aluminum window, awning type (0.6 sq. m. ea)	3	set		/set	-	
	W133- 1330mm x 2100mm, Analoc aluminum window, fixed type (2.80 sq. m. ea)	1	set		/set	-	
	consumables (5% of material cost)		lot		lot	_	
2	labor	no.	daily rate		no of days	amount	-
		production rate		m²/manhour		days to complete	
	Construction foreman	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		m²/manhour		days to complete	
	minor tools (10% of Labor Cost)			/day		=	
4	Total Direct Cost (1 + 2 + 3)				-		
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)		15%	of item 4	-		
6	Contractor's Profit		10%	of item 4	-		
7	Tax		7%	of item 4 + 5 + 6	-		
8	<b>Total Cost</b> (4 + 5 + 6 +7)		Php	-			cost per item
g.	Doors	9	sets				
1	material & description	quantity		unit cost		amount	-
	DCm200- 2000mm x 2100mm, Analoc Aluminum swing door with 6mm thick clear glass plate panel ( 4.3 sqm. Ea)	1	sets		/set	-	
	DMu200- 2000mm x 2100mm, Analoc Aluminum swing door with 6mm thick clear glass plate panel ( 4.3 sqm. Ea)	2	sets		/set		
	DCr100- 1000mm x 2100mm, Laminated Flush type swing door with 6mm thick clear glass plate view window and vent, lever type handle and wood Door Jamb( 2.1 sqm. Ea)		sets		/set	_	
	DQ80- 800mm x 2100mm, Laminated Flush type door, with lever				,,,,,,	<u>-</u>	
	type handle and wood Door Jamb( 1.68 sqm. Ea)	2	sets		/set	-	
	DCr70- 700mm x 2100mm, Laminated Flush type door,with lever type handle and wood Door Jamb( 1.47 sqm. Ea)	2	sets		/set	-	
	consumables (5% of material cost)	1	lot		lot	-	
	, ,	Page 10 of 1		1			İ

			-1-111-				
2	labor	no.	daily rate		no of days	days to	-
		production rate		m²/manhour		complete	
	Construction foreman	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		m²/manhour		days to complete	
	minor tools (10% of Labor Cost)			/day		-	
4	Total Direct Cost (1 + 2 + 3)				-		
	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)		15%	of item 4	_		
	Contractor's Profit			of item 4	_		
7	Tax		7%	of item 4 + 5 + 6	-		
8	<b>Total Cost</b> (4 + 5 + 6 +7)		Php	-			cost per item
h.	Painting (Second Floor Interior & Exterior walls )	1,365.81	m²				
1	material & description	quantity		unit cost		amount	-
	***Second floor exterior walls and railings on First Floor	340.85	sqm				
	***Second floor interior walls	959.96	sqm				
	***Handrails and Railings		sqm				
	randrais and railings		24				
	Consents primarilanda	40	a a l		/aal		
	Concrete primer/sealer	48	gal.		/gal.	-	
	Red Oxide Primer (for railings)	27	gal.		/gal.	-	
	skim coat	55	bag		/bag	-	
	Semi-glosslatex (two coats only)	125	gal.		/gal.	-	
	Glazing Putty (Ceiling and Dry wall)	40	gal.		/gal.	-	
	Cementitious Water proofing (Comfort Rooms)	35	gal.		/gal.	-	
	consumables (5% of material cost)	1	lot			-	
2	labor	no.	daily rate		no of days	amount	-
		production rate		m²/manhour		days to complete	
	Construction foreman	1		/day		_	
	skilled laborer	2		/day		_	
	unskilled laborer	4		/day			
	unskilled laborer	4		luay		-	
3	equipment (rental based on ACEL rates)	unit	daily rental	Γ	no of days	amount	-
		output rate		m²/manhour		days to	
<b></b>	# U	-		14		complete	
	scaffoldings/ H-frames	40		/day		-	
	minor tools (10% of Labor Cost)			/day		-	
4	Total Direct Cost (1 + 2 + 3)				-		
E	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)		15%	of item 4			
	·			of item 4	-		
	Contractor's Profit		10%		-		
	Tax			of item 4 + 5 + 6	-		
8	<b>Total Cost</b> (4 + 5 + 6 +7)		Php	-			cost per item
i.	Handrails and Railings (Ground Balcony and Concrete Exterior stairs)	261.43	lm.				
	material & description	quantity		unit cost		amount	-
<del>-</del>	1.2mm thick x 75mm x 50mm x 6000mm steel tubular	25	pcs.	5551	/pc.	amount -	
	1.2mm thick x 25mm x 25mm x 6000mm steel tubular	38					
			pcs.		/pc.	-	
	Welding rod	39	kgs		/kg	-	
	consumables (5% of material cost)	1	lot		/lot	-	
2	labor	no.	daily rate		no of days	amount	-

		production rate		lm/manhour		days to	
		<u>'</u>				complete	
	Construction foreman			/day		-	
	Skilled laborer	2		/day		-	
	Unskilled laborer	4	doile rontal	/day	no of dovo	-	
3	equipment (rental based on ACEL rates)	unit	daily rental		no of days	amount days to	-
		output rate		lm/manhour		complete	
	welding machine			/day		-	
	minor tools (10% of Labor Cost)			/day		-	
4	Total Direct Cost (1 + 2 + 3)				-		
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)		15%	of item 4	_		
	Contractor's Profit			of item 4	_		
	Tax			of item 4 + 5 + 6	_		
	<b>Total Cost</b> (4 + 5 + 6 +7)		Php	-			cost per item
VIII.	SPECIALTIES						
a.	Modular Partition (Second Floor Comfort Rooms)	31	m²				
1	material & description	quan		unit co	ost	amount	-
	toilet modular partition with stainless accessories (cubicle)	'	sqm.		/sqm.	-	
	consumables (3% of material cost)					-	
2	labor	no.	dai	ly rate	no of days	amount	-
		production rate		m²/manhour		days to	
		-				complete	
	Construction foreman			/day		-	
	Skilled laborer	1		/day		-	
	Unskilled laborer	2		/day		-	
3	equipment (rental based on ACEL rates)	unit	daily	y rental	no of days	amount	-
		output rate		m²/manhour		days to complete	
	minor tools (10% of Labor Cost)			/day		-	
4	Total Direct Cost (1 + 2 + 3)				-		
	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS			of item 4			
	EXPENSES)		15%		-		
6	Contractor's Profit		10%		-		
7	Тах		7%	of item 4 + 5 + 6	-		
8	<b>Total Cost</b> (4 + 5 + 6 +7)		Php				
b.	Ductless Benchtop Laboratory Fumehood	3.00	unit				
1	material & description	quan	tity	unit co	ost	amount	-
	Duct less Fumehood with Carbon Filter: Unit Dimension: 1143mm W						
	x 700mm D x 1041mm H; Hood Design: Benchtop; Frame Material: Stainless Steel; Model: Exhaust Fume; Type: Ductless; Electrical						
	Specifications: 240v, 4 A, 960 W, 60Hz. Or equivalent	3.00	units		/unit	-	
2	labor	no.	dai	ly rate	no of days	amount	-
		production rate		lm/manhour		days to complete	
	Construction foreman	1		/day			
	skilled laborer	2		/day			
	unskilled laborer	3		/day			
3	equipment (rental based on ACEL rates)	unit	daily	y rental	no of days	amount	-
		output rate		m²/manhour		days to complete	
	minor tools (10% of Labor Cost)			/day		-	
4	Total Direct Cost (1 + 2 + 3)				-		
5	OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS EXPENSES)		15%	of item 4	-		

6 Contractor's Profit		1	0%	of item 4	-		
7 Tax			7%	of item 4 + 5 + 6			
8 Total Cost (4 + 5 + 6 +7)			Php		_		cost per item
c. Hydraulic PWD Lift	1.00	units					
1 material & description	1100	unito		unit co	ıst	amount	-
1430mm x 1000mm Aluminum Alloy PWD lift (Load capacity-250kg, Travel- 3 meters (2-stop). max, 220v, 50hz) <i>Inclusive of Labor and</i>				unit oo	ot	amount	
Installation	1.00	units			/unit	-	
2 labor	no.		dail	y rate	no of days	amount	-
	production rate m²/manhour				days to complete		
3 equipment (rental based on ACEL rates)	unit		dailv	rental	no of days	amount	_
o equipment period according to	output rate		uuny	m²/manhour	no or dayo	days to	
minor tools (10% of Labor Cost)	•			/day		complete -	
4 Total Direct Cost (1 + 2 + 3)				,	-		
OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS				of item 4			
5 EXPENSES)			5%		-		
6 Contractor's Profit				of item 4	-		
7 Tax			7%	of item 4 + 5 + 6	-		
8 <b>Total Unit Cost</b> (4 + 5 + 6 +7)		F	Php				cost per item
IX. FIRE SAFETY (Second Floor)	24.00	units					
1 material & description	quan	tity		unit co	st	amount	-
Hardwired Photoelectric Smoke Detector	15.00	units			/unit	-	
Fire Alarm Bell with switch manual pull station	1.00	units			/unit	-	
Luminous Fire Safety Signages Fire Exits	3	units			/unit	-	
Emergency light, Best Quality	4	units			/unit	-	
20lbs Fire Extinguisher, best quality	2	units			/unit	-	
consumables (3% of material cost)	1	lot				-	
2 labor	no.		dail	y rate	no of days	amount	-
	production rate		in²/manhour			days to complete	
Construction foreman	1	/day				0.00	
Skilled laborer	1	/day				0.00	
Unskilled Laborer	2	/day				0.00	
3 equipment (rental based on ACEL rates)	unit	daily rental				amount days to	-
	output rate		m²/manhour			complete	
minor tools (10% of Labor Cost)				/day		-	
4 Total Direct Cost (1 + 2 + 3)					-		
OCM (OVERHEAD, CONTINGENCIES & MISCELLANEOUS		1	5%	of item 4			
5 EXPENSES) 6 Contractor's Profit				of item 4	-		
O CONTRACTOR					-		
7 Tax			7%	of item 4 + 5 + 6			
8 <b>Total Cost</b> (4 + 5 + 6 +7)		F	Php		-		cost per item
Total Project Cost							
Prepared by:							
(Name of Contractor/ Bidder)							