



PHILIPPINE GENERAL HOSPITAL
The National University Hospital
University of the Philippines Manila
OFFICE OF ENGINEERING AND TECHNICAL SERVICES
Taft Avenue, Manila

*PHIC-Accredited Health Care Provider
ISO 9001:2015 Certified*

PROJECT TITLE : PROPOSED RENOVATION OF TOILETS AND CONSTRUCTION OF SEPTIC TANK
LOCATION : Ground Floor, Dormitory 3 Building, UP-PGH Compound, Taft Avenue, Ermita, Manila
SUBJECT : BILL OF MATERIALS AND COST ESTIMATE

ITEM NO.	WORK DESCRIPTIONS	QTY.	UNIT	UNIT COST	AMOUNT
A. GENERAL REQUIREMENTS					
	Mobilization/Demobilization	1	lot		
	Health and safety requirement	1	lot		
	Sub-total				
B. SITE WORKS					
	Dismantling of doors and ceiling	1	lot		
	Chipping of floor and wall tiles	1	lot		
	Clearing, hauling, disposal of debris and cleaning	1	lot		
	Excavation	1	lot		
	Sub-total				
C. CONCRETE WORKS					
	Septic tank and Conrete topping				
	-6" CHB		pcs		
	-Portland cement		bags		
	-1/2" Phenolic Board		pcs		
	-2" x 2" x 10' Good Lumber		pcs		
	-10mm dia. RSB		pcs		
	-#16 GI tie wire		kgs		
	-Gravel		cu.m.		
	-Sand		cu.m.		
	-Hacksaw Blade		pcs		
	Material Cost				
	Labor Cost				
	Sub-total				
D. MOISTURE PROTECTION					
	-Cementitious Waterproofing		gals		
	-Portland cement		bag		
	Material Cost				
	Labor Cost				

Sub-total

E. FINISHING WORKS

Ceiling Works and dry partion

-6mm thk. Cement Board on metal furring joist

_____ sq.m. _____

Floor Finishes

-600mm x 600mm Ceramic unglazed Tiles	_____	pc.	_____	_____
-600mm x 600mm Ceramic glazed Tiles	_____	pc.	_____	_____
-Portland cement	_____	bags	_____	_____
-Tile adhesive	_____	bags	_____	_____
-Tile Grout	_____	kg.	_____	_____
Painting Works (Walls and Ceiling)				
-Concrete Neutralizer	_____	liter	_____	_____
-Masonry Putty	_____	gal.	_____	_____
-Polytuff with hardiner	_____	liter	_____	_____
-Flat latex	_____	gal.	_____	_____
-Semi gloss latex paint	_____	gal.	_____	_____
-Paint brush	_____	pc.	_____	_____
-Roller brush with handle	_____	pc.	_____	_____
-Sanding paper	_____	pc.	_____	_____
-Stopa rug	_____	kg.	_____	_____
-Masking tape	_____	roll	_____	_____
			_____	_____
Material Cost				_____
Labor Cost				_____
Sub-total				_____

F. DOORS

-D1 Panel Door with Jamb and Complete Accesories	2 set		
-D2 Hallowcore Flush Door with Vent Louver, Door ,	1 set		
Jamb and Complete Accesories			
-D3 Aluminum Door with Jamb and Complete Accessories	8 set		
Material Cost			
Labor/installation Cost			
Sub-total			

G. ELECTRICAL WORKS

-11W, 220V, LED Bulb, in 4 inches diameter	6 unit		
recessed mounted luminaire			
-One-way lighting switch with cover per OETS	1 set		

approved sample with plate cover			
-Two-one way lighting switch per OETS approved sample with plate cover	1 set		
-Three-one way lighting switch per OETS approved sample with plate cover	2 set		
-Utility box, PVC, deep type	4 pc.		
-No. 3.5mm. sq. THHN stranded wire	_____ box		
-13mm dia. PVC conduit including fittings	_____ roll		
-Exhaust fan with automatic shutter, Wall mounted 40 watts, 230 Volts	2 sets		
-Exhaust fan ceiling mounted, ducted type 40 watts, 230 Volts	1 set		
-Consummables (Tie wires, screws, clams, fittings, etc)	1 lot		
Material Cost			
Labor Cost			
Sub-total			

H. PLUMBING WORKS

Plumbing Fixture			
-Tank Type, Water Closet complete with fittings	5 set		
-Lavatory, Semi-Pedestal complete with fittings	6 set		
-Soap Holder	9 pc.		
-Paper Holder	5 pc.		
-Mirror on plywood backing	5 pc.		
-100mm x 100mm Brass Floor Drain	11 pc.		
Sewer Line - PVC			
-100mm Countersunk Square Head Cleanout Plug with 1/4-20 Tap, Southern Code, Cast Brass Pipe Fitting	_____ pc.		
-150mm dia. PVC C.O.	_____ pc.		
-150mm x 150mm PVC Wye	_____ pc.		
-150mm x 100mm PVC Wye	_____ pc.		
-100mm x 100mm PVC Wye	_____ pc.		
-100mm x 50mm PVC Tee	_____ pc.		
-150mm x 150mm PVC Tee	_____ pc.		
-150mm x 100mm PVC Reducer	_____ pc.		
-100mm x 50mm PVC Wye	_____ pc.		
-50mm dia. PVC Elbow (1/4 bend)	_____ pc.		
-50mm dia. PVC Elbow (1/8 bend)	_____ pc.		
-100mm dia. PVC Elbow (1/4 bend)	_____ pc.		
-100mm dia. PVC Elbow (1/8 bend)	_____ pc.		
-150mm dia. PVC Elbow (1/4 bend)	_____ pc.		
-150mm dia. PVC Elbow (1/8 bend)	_____ pc.		
-50mm dia. uPVC Pipe	_____ pc.		
-100mm dia. uPVC Pipe	_____ pc.		
-150mm dia. uPVC Pipe	_____ pc.		
-50mm dia. PVC P-Trap	_____ pc.		
-PVC Solvent Cement, 400cc	_____ can		
-Other fittings to complete the system	1 lot		

Water Line - PPR

-Plain Bibb, brass	6	pc.		
-Telephone shower with Faucet and soap holder	4	pc.		
-13mm dia. PPR Pipe female adaptor		pc.		
-13mm dia. PPR Pipe male adaptor		pc.		
-13mm dia. PPR Pipe		pc.		
-13mm dia. PPR elbow		pc.		
-13mm dia. PPR Tee		pc.		
-13mm dia. PPR Union Patente		pc.		
-13mm dia. PPR coupling		pc.		
-13mm dia. PPR Gate Valve		pc.		
-Teflon tape		rolls		
-Other fittings to complete the system	1	lot		
Material Cost				
Labor Cost				
Sub-total				

I. OTHERS



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PROJECT TITLE : PROPOSED RENOVATION OF TOILETS AND CONSTRUCTION OF SEPTIC TANK
LOCATION : Ground Floor, Dormitory 3 Building, UP-PGH Compound, Taft Avenue, Ermita, Manila
SUBJECT : SUMMARY OF BILL OF MATERIALS AND COST ESTIMATE

ITEM	WORK DESCRIPTION	AMOUNT
A.	GENERAL REQUIREMENTS	_____
B.	SITE WORKS	_____
C.	CONCRETE WORKS	_____
D.	MOISTURE PROTECTION	_____
E.	FINISHING WORKS	_____
F.	DOORS	_____
G.	ELECTRICAL WORKS	_____
H.	PLUMBING WORKS	_____
I.	OTHERS	_____
TOTAL DIRECT COST		P _____
ADD: INDIRECT COST		
Contractor's OCM & Profit(____%)		_____
VAT (12%)		_____
TOTAL INDIRECT COST		P _____
TOTAL PROJECT COST		P _____

Prepared by:

Name and Signature of Authorized Representative

Name of Company

Address