

Republic of the Philippines
 Department of Health
 Baguio General Hospital and Medical Center
 PROPOSED SIX-STOREY STORAGE BUILDING PHASE I

BILL OF QUANTITIES

PROJECT TITLE: ONE (1) LOT LABOR AND MATERIALS FOR THE PROPOSED SIX STOREY STORAGE BUILDING PHASE I

APPROVED BUDGET FOR THE CONTRACT: 15,000,000.00 PESOS ONLY

CONTRACT DURATION: 300 CALENDAR DAYS INCLUSIVE OF 50 CALENDAR DAY PREDETERMINED UNWORKABLE CONDITIONS DUE TO WEATHER

Item No.	DESCRIPTION	UNIT	QTY	MATERIALS		LABOR		EQUIPMENT		ESTIMATED DIRECT COST	MARK-UPS IN %		TOTAL MARK-UP		TOTAL INDIRECT COST	TOTAL COST	TOTAL UNIT COST	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST		PROFIT	OCM	%	VALUE				VAT
(1)	(2)		(3)	(4a)	(4) = (4a) x (3)	(5a)	(5) = (5a) x (3)	(6a)	(6) = (6a) x (3)	(7) = (4) + (5) + (6)	(8)	(9)	(10) = (8) + (9)	(11) = (10) X (7)	(12) = % [(7) + (11)]	(13) = (11) + (12)	(14) = (7) + (13)	(15) = (14) / (3)
G	GENERAL REQUIREMENTS																	
G.1	Mobilization / Demobilization	lot	1.00															
G.2	Project Billboard	lot	1.00															
G.3	Temporary Facilities (Barracks, Offices, Storage, etc.)	lot	1.00															
	* Includes Storage, Staging area, Workers Barracks																	
	* Note: Workers barracks must be off-site																	
G.4	Permits and Licenses	lot	1.00															
	* Building Permit, Architectural Permit, Structural permit, Mechanical Permit, Sanitary Permit, Electrical Permit, Electronics and Communications Permit, Zoning Permit, Fire Department Permit, and other permits																	
G.5	Provisions for Health, Security and Safety	lot	1.00															
	* Implementation of Construction Safety and Health Program (DOLE Approved)																	
	* Includes PPE Board-up, Fences, Safety signages, Directional signages																	
	* Includes standard protocols to protect both workers and the public (Perimeter wall, safety nets, inverted umbrella, etc)																	
	sub-total																	
ES	EARTH WORKS / SITE WORKS																	
ES.1	Site Clearing and Demolition of existing structure	lot	1.00															
	* Includes Hauling out of materials																	
ES.2	Structural Excavation w/ Hauling	cu.m	657.00															
ES.3	Embankment / Backfilling and Compaction	cu.m	447.00															
	sub-total																	
S	STRUCTURAL WORKS																	
S.1	FOUNDATION																	
S.1.1	Lean Concrete (2000 PSI @ 28 days, pouring, curing)	cu.m	11.00															
S.1.2	Structural Concrete (3500 PSI @ 28 days pouring, curing)	cu.m	210.00															
S.1.3	Reinforcing Bars (Grade 60, Fabrication, Installation)	kgs	20,898.00															
S.1.4	Formworks and Falseworks (Fabrication, Installation, and Stripping)	sq.m	10.00															
S.2	ELEVATOR SHAFT / SHEAR WALL / RETAINING WALL																	
S.2.1	Structural Concrete (3500 PSI @ 28 days, pouring, curing)	cu.m	28.00															
S.2.1.2	Foundation to Ground Floor Level	cu.m	8.00															
S.2.1.3	Ground Floor to Second Floor Level	cu.m	10.00															
S.2.1.4	Second Floor to Third Floor Level	cu.m	10.00															
S.2.2	Reinforcing Bars (Grade 60, Fabrication, Installation)	kgs	3,671.00															
S.2.2.2	Foundation to Ground Floor Level	kgs	798.00															
S.2.2.3	Ground Floor to Second Floor Level	kgs	1,270.00															
S.2.2.4	Second Floor to Third Floor Level	kgs	1,103.00															
S.2.2.4	Third Floor to Fourth Floor Level	kgs	500.00															
S.2.3	Reinforcing Bars (Grade 40, Fabrication, Installation)	kgs	17.00															
S.2.3.1	Foundation to Ground Floor Level	kgs	5.00															
S.2.3.2	Ground Floor to Second Floor Level	kgs	7.00															
S.2.3.3	Second Floor to Third Floor Level	kgs	5.00															
S.2.4	Formworks and Falseworks (Fabrication, Installation, and Stripping)	sq.m	200.00															
S.2.4.1	Foundation to Ground Floor Level	sq.m	50.00															
S.2.4.2	Ground Floor to Second Floor Level	sq.m	80.00															
S.2.4.3	Second Floor to Third Floor Level	sq.m	70.00															
S.3	RC COLUMNS																	
S.3.1	Structural Concrete (3500 PSI @ 28 days, pouring, curing)	cu.m	36.00															
S.3.1.1	Foundation to Ground Floor Level	cu.m	9.00															
S.3.1.2	Ground Floor to Second Floor Level	cu.m	14.00															
S.3.1.3	Second Floor to Third Floor Level	cu.m	13.00															
S.3.2	Reinforcing Bars (Grade 60, Fabrication, Installation)	kgs	15,612.29															
S.3.2.1	Foundation to Ground Floor Level	kgs	4,217.00															
S.3.2.2	Ground Floor to Second Floor Level	kgs	4,275.29															
S.3.2.3	Second Floor to Third Floor Level	kgs	5,120.00															
S.3.2.3	Third Floor to Fourth Floor Level	kgs	2,000.00															
S.3.3	Reinforcing Bars (Grade 40, Fabrication, Installation)	kgs	3,258.00															
S.3.3.1	Foundation to Ground Floor Level	kgs	1,053.00															
S.3.3.2	Ground Floor to Second Floor Level	kgs	1,105.00															
S.3.3.3	Second Floor to Third Floor Level	kgs	1,100.00															
S.3.4	Formworks and Falseworks (Fabrication, Installation, and Stripping)	sq.m	354.00															
S.3.4.1	Foundation to Ground Floor Level	sq.m	89.00															

(NAME AND SIGNATURE OF AUTHORIZED REPRESENTATIVE)
 Company Authorized Representative
 (COMPANY NAME)

Republic of the Philippines
Department of Health
Baguio General Hospital and Medical Center

PROPOSED SIX-STOREY STORAGE BUILDING PHASE I

BILL OF QUANTITIES

Item No.	DESCRIPTION	UNIT	QTY	MATERIALS		LABOR		EQUIPMENT		ESTIMATED DIRECT COST (7) = (4) + (5) + (6)	MARK-UPS IN %		TOTAL MARK-UP		TOTAL INDIRECT COST (13) = (11) + (12)	TOTAL COST (14) = (7) + (13)	TOTAL UNIT COST (15) = (14) / (3)	
				UNIT COST (4a) = (4a) x (3)	TOTAL COST (4) = (4a) x (3)	UNIT COST (5a) = (5a) x (3)	TOTAL COST (5) = (5a) x (3)	UNIT COST (6a) = (6a) x (3)	TOTAL COST (6) = (6a) x (3)		PROFIT (8)	OCM (9)	% (10) = (8) + (9)	VALUE (11) = (10) X (7)				VAT (12) = % (7) + (11)
S.3.4.2	Ground Floor to Second Floor Level	sq.m	141.00															
S.3.4.3	Second Floor to Third Floor Level	sq.m	124.00															
S.4	RC BEAMS																	
S.4.1	Structural Concrete (3500 PSI @ 28 days, curing, curine)	cu.m	53.00															
S.4.1.1	Ground Floor Level	cu.m	9.00															
S.4.1.2	Second Floor Level	cu.m	22.00															
S.4.1.3	Third Floor Level	cu.m	22.00															
S.4.2	Reinforcing Bars (Grade 60, Fabrication, Installation)	kgs	5,310.00															
S.4.2.1	Ground Floor Level	kgs	1,174.00															
S.4.2.2	Second Floor Level	kgs	2,068.00															
S.4.2.3	Third Floor Level	kgs	2,068.00															
S.4.3	Reinforcing Bars (Grade 40, Fabrication, Installation)	kgs	1,491.00															
S.4.3.1	Ground Floor Level	kgs	153.00															
S.4.3.2	Second Floor Level	kgs	669.00															
S.4.3.3	Third Floor Level	kgs	669.00															
S.4.4	Formworks and Falseworks (Fabrication, Installation, and Stripping)	sq.m	69.00															
S.4.4.1	Ground Floor Level	sq.m	23.00															
S.4.4.2	Second Floor Level	sq.m	23.00															
S.4.4.3	Third Floor Level	sq.m	23.00															
S.5	RC SLAB																	
S.5.1	Structural Concrete (3500 PSI @ 28 days, curing, curine)	cu.m	63.00															
S.5.1.1	Ground Floor Level	cu.m	21.00															
S.5.1.2	Second Floor Level	cu.m	21.00															
S.5.1.3	Third Floor Level	cu.m	21.00															
S.5.2	Reinforcing Bars (Grade 40, Fabrication, Installation)	kgs	6,197.00															
S.5.2.1	Ground Floor Level	kgs	473.00															
S.5.2.2	Second Floor Level	kgs	2,862.00															
S.5.2.3	Third Floor Level	kgs	2,862.00															
S.5.3	Metal Decking (1mm thk) (1.0 mm thk, Feed Weib, 1220mm, Fy>275MPa)	sq.m	380.00															
S.5.3.1	Second Floor Level	sq.m	190.00															
S.5.3.2	Third Floor Level	sq.m	190.00															
S.5.4	Formworks and Falseworks (Fabrication, Installation, and Stripping)	sq.m	28.00															
S.5.4.1	Ground to Third Floor	sq.m	28.00															
S.6	RC STAIRS																	
S.6.1	Structural Concrete (3500 PSI @ 28 days, curing, curine)	cu.m	14.00															
S.6.1.1	Ground Floor to Second Floor Level	cu.m	7.00															
S.6.1.2	Second Floor to Third Floor Level	cu.m	7.00															
S.6.2	Reinforcing Bars (Grade 60, Fabrication, Installation)	kgs	1,202.00															
S.6.2.1	Ground Floor to Second Floor Level	kgs	601.00															
S.6.2.2	Second Floor to Third Floor Level	kgs	601.00															
S.6.3	Reinforcing Bars (Grade 40, Fabrication, Installation)	kgs	534.00															
S.6.3.1	Ground Floor to Second Floor Level	kgs	267.00															
S.6.3.1	Second Floor to Third Floor Level	kgs	267.00															
S.6.4	Formworks and Falseworks (Fabrication, Installation, and Stripping)	sq.m	34.00															
S.6.4.1	Ground Floor to Second Floor Level	sq.m	17.00															
S.6.4.2	Second Floor to Third Floor Level	sq.m	17.00															
S.7	RC RAMP																	
S.7.1	Structural Concrete (3500 PSI @ 28 days, curing, curine)	cu.m	1.00															
S.7.2	Reinforcing Bars (Grade 60, Fabrication, Installation)	kgs	330.00															
S.7.3	Reinforcing Bars (Grade 40, Fabrication, Installation)	kgs	650.00															
S.7.4	Formworks and Falseworks (Fabrication, Installation, and Stripping)	sq.m	20.00															
	sub-total																	
C	CIVIL WORKS																	
C.1	CHB LAYERING																	
C.1.1	6" CHB (Layering, Installation of Reinforcing Bars) * Components: 6" CHB, 10mm dia RSB (Grade 33), #16 Tie Wires, Portland Cement, Sand, Reinforced Concrete Stiffener column, Reinforced Concrete lintel beams, Miscellaneous items	sq.m	506.00															
C.1.1.1	Ground Floor	sq.m	252.00															
C.1.1.2	Second Floor	sq.m	254.00															
C.1.2	4" CHB (Layering, Installation of Reinforcing Bars) * Components: 4" CHB, 10mm dia RSB (Grade 33), #16 Tie Wires, Portland Cement, Sand, Reinforced Concrete Stiffener column, Reinforced Concrete lintel beams, Miscellaneous items	sq.m	232.00															
C.1.2.1	Ground Floor	sq.m	116.00															
C.1.2.2	Second Floor	sq.m	116.00															
C.2	PLASTERING WORKS																	

(NAME AND SIGNATURE OF AUTHORIZED REPRESENTATIVE)
Company Authorized Representative
(COMPANY NAME)

Republic of the Philippines
Department of Health
Baguio General Hospital and Medical Center
PROPOSED SIX-STOREY STORAGE BUILDING PHASE I

BILL OF QUANTITIES

Item No.	DESCRIPTION	UNIT	QTY	MATERIALS		LABOR		EQUIPMENT		ESTIMATED DIRECT COST	MARK-UPS IN %		TOTAL MARK-UP		TOTAL INDIRECT COST	TOTAL COST	TOTAL UNIT COST	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST		PROFIT	OCM	%	VALUE				VAT
(1)	(2)		(3)	(4a)	(4) = (4a) x (3)	(5a)	(5) = (5a) x (3)	(6a)	(6) = (6a) x (3)	(7) = (4) + (5) + (6)	(8)	(9)	(10) = (8) + (9)	(11) = (10) X (7)	(12) = (7) + (11)	(13) = (11) + (12)	(14) = (7) + (13)	(15) = (14) / (3)
C.2.1	Cement Plaster Finish (Interior)	sq.m	1,000.00															
	* Components: Portland Cement, Fine Sand, Miscellaneous items																	
C.2.1.1	Ground Floor	sq.m	500.00															
C.2.1.2	Second Floor	sq.m	500.00															
C.2.2	Cement Plaster Finish (Exterior.)	sq.m	506.00															
	* Components: Portland Cement, Fine Sand, Provision of Grooves, Concrete Molding Design, Miscellaneous items																	
	* Work item includes provision of Grooves, Emboss, Moulding, and other plastering designs.																	
C.2.2.1	Exterior	sq.m	506.00															
C.3	CANOPIES & LEDGES																	
C.3.1	Structural Concrete (3000 PSI @ 28 days curing, curing)	cu.m	2.00															
C.3.2	Reinforcing Bars (Grade 35, Fabrication, Installation)	kes	670.00															
C.3.3	Formworks and Falseworks (Fabrication, Installation, and Stripping)	sq.m	2.00															
C.4	GLASS BLOCK LAYING	sq.m	19.00															
	* Components: 200mm x 200mm x 100mm Glass Block, Portland Cement, Fine Sand, Reinforcements, Miscellaneous items																	
C.4.1	Exterior Walls	sq.m	19.00															
	sub-total																	
A	ARCHITECTURAL FINISHES																	
A.1	FLOOR FINISH																	
A.1.1	Non-Directional Vinyl Roll Floor Finish (F-1)	sq.m	172.00															
	* Components: 2mm Roll-Form, Anti-static, Anti-Bacterial Homogeneous Vinyl, Non-directional (Installation shall be based on manufacturer's standard), Capping Strip, Cove Former, Floor Topping (Plain Cement Finish)/Self Leveling Grout, Miscellaneous items																	
A.1.1.1	Ground Floor	sq.m	172.00															
A.1.2	Porcelain Floor Tile Finish (F-2) (Size: 600mm X 600mm)	sq.m	22.00															
	*Components: Specified Tiles, Cement, Sand, Tile Adhesive, Tile Grout, Miscellaneous items																	
	*Colors of grout and tiles will be selected by Owners representative (color/pattern/texture can be 2 or more)																	
A.1.2.1	Ground floor	sq.m	11.00															
A.1.2.2	Second floor	sq.m	11.00															
A.1.3	Non-skid Porcelain Floor Tile w/ Anti-slip Groove Finish (F-3) (Size: 600mm x 300mm)	sq.m	18.00															
	*Components: Specified Tiles, Cement, Sand, Tile Adhesive, Tile Grout, Miscellaneous items																	
	*Colors of grout and tiles will be selected by Owners representative (color/pattern/texture can be 2 or more)																	
A.1.3.1	Ground Floor - Second Floor	sq.m	9.00															
A.1.3.2	Second Floor - Third Floor	sq.m	9.00															
A.1.4	Porcelain Floor Tile Finish for Stair Riser (F-4) (Size: 600mm wide)	sq.m	10.00															
	*Components: Specified Tiles, Cement, Sand, Tile Adhesive, Tile Grout, Miscellaneous items																	
	*Colors of grout and tiles will be selected by Owners representative (color/pattern/texture can be 2 or more)																	
A.1.4.1	Ground Floor - Second Floor	sq.m	5.00															
A.1.4.2	Second Floor - Third Floor	sq.m	5.00															
A.1.5	Non-skid Concrete Waffle Tiles Finish (F-6)	sq.m	8.00															
	*Components: Specified Tiles, Cement, Sand, Tile Adhesive, Tile Grout, Miscellaneous items																	
	*Colors of grout and tiles will be selected by Owners representative (color/pattern/texture can be 2 or more)																	
A.1.5.1	Ground Floor (exterior ramp and stair)	sq.m	8.00															
A.2.1	Waterproofing and water sealing	sq.m	196.00															
	* Components: Ready to apply (pre-mixed) polyurethane elastomeric seamless waterproofing membrane, Miscellaneous items																	
A.1.2.1	Ground Floor	sq.m	8.00															
A.1.2.2	Second Floor (Male and Female CR)	sq.m	8.00															
A.1.2.2	Third Floor	sq.m	180.00															
A.2	WALL FINISH																	
A.2.1	Porcelain Wall Tile Finish (W-1) (Size: 600mm X 300mm)	sq.m	80.00															
	*Components: Specified Tiles, Cement, Sand, Tile Adhesive, Tile Grout, Miscellaneous items																	
	*Colors of grout and tiles will be selected by Owners representative (color/pattern/texture can be 2 or more)																	
A.2.1.1	Ground Floor (Male and Female CR)	sq.m	40.00															
A.2.1.2	Second Floor (Male and Female CR)	sq.m	40.00															
A.3	CEILING FINISH																	
A.3.1	6mm thk Fiber Cement Board Finish (C-1)	sq.m	16.00															
	*Components: 4 x 8 x 6mm thk moisture resistant Gypsum Board, Double furring channel, Carrying channel, Double furring clip, Wall Angle, Concrete Nails, Blind Rivet/Screw, Hangers and Supports, Miscellaneous items																	
A.3.1.1	Ground Floor	sq.m	8.00															
A.3.1.2	Second Floor	sq.m	8.00															
A.3.2	PVC Ceiling Panel Finish (C-2, Wood Series Design)	sq.m	5.00															

Republic of the Philippines
Department of Health
Baguio General Hospital and Medical Center
PROPOSED SIX-STOREY STORAGE BUILDING PHASE I

BILL OF QUANTITIES

Item No.	DESCRIPTION	UNIT	QTY	MATERIALS		LABOR		EQUIPMENT		ESTIMATED DIRECT COST (7) = (4) + (5) + (6)	MARK-UPS IN %		TOTAL MARK-UP		TOTAL INDIRECT COST (13) = (11) + (12)	TOTAL COST (14) = (7) + (13)	TOTAL UNIT COST (15) = (14) / (3)	
				UNIT COST (4a) = (4a) x (3)	TOTAL COST (4) = (5a) x (3)	UNIT COST (5a) = (5a) x (3)	TOTAL COST (5) = (6a) x (3)	UNIT COST (6a) = (6a) x (3)	TOTAL COST (6) = (6a) x (3)		PROFIT (8)	OCM (9)	% (10) = (8) + (9)	VALUE (11) = (10) X (7)				VAT (12) = % (7) + (11)
	*Components: 200mm wide PVC Panel, PVC Corner Trim/ PVC Ceiling Clip, 19mm x 50 mm Double furring channel, 12mm x 38mm Carrying channel, Double furring clip, Wall Angle, Concrete Nails, Blind Rivet/Screw, Hangers and Supports, Miscellaneous items																	
A.3.2.1	Ground Floor	sq.m	5.00															
A.4	CABINETS, COUNTER, LOCKERS																	
A.4.1	400 x 1200 x 1800 Heavy duty metal slotted storage / shelving with adjustable rack	sets	41.00															
A.5	PAINTING WORKS																	
A.5.1	INTERIOR WALL AND EXPOSED CONCRETE PAINTING																	
A.5.1.1	Anti-Bacterial Paint Finish (P-1)																	
	* Components: Concrete Neutralizer, Penetrating Sealer, Putty, Primer, Reducer, Anti-Bacterial, Odorless & Stain Resistant-Paint, Miscellaneous items																	
A.5.1.1.1	Ground Floor	sq.m	95.00															
A.5.2	CEILING PAINTING ON FICEM BOARD																	
A.5.2.1	Anti-Bacterial Paint Finish (P-2)																	
	* Components: Gypsum Tape, Putty, Primer, Reducer, Anti-Bacterial, Odorless & Stain Resistant-Paint, Miscellaneous items																	
A.5.2.1.1	Ground Floor	sq.m	7.00															
A.5.2.1.2	Second Floor	sq.m	7.00															
A.5.3	CEILING PAINTING ON STEEL DECK SOFFIT																	
A.5.3.1	Acrylic ODE Paint Finish (P-3)																	
	* Components: Putty, Primer, Reducer, Quick Drying Enamel Paint, Miscellaneous items																	
A.5.3.1.1	Ground Floor	sq.m	185.00															
A.5.3.1.2	Second Floor	sq.m	185.00															
A.5.4	EXTERIOR PAINT																	
A.5.4.1	Elastomeric Paint Finish (P-4)																	
	* Components: Putty, Primer, Reducer, Elastomeric Paint, Miscellaneous items																	
A.5.4.1.1	Ground Floor	sq.m	190.00															
A.5.4.1.2	Second Floor	sq.m	190.00															
	sub-total																	
D&W	DOORS AND WINDOWS																	
D&W.1	DOORS (Supply and Installation)																	
	* Note: includes Door closers, Door Knob, Locking mechanism, Door handle, Panic devises, and other door accessories specified in the plans and specifications.																	
D&W.1.1	RD (See Plans & Specifications)	set	2.00															
D&W.1.2	SD1 (See Plans & Specifications)	set	1.00															
D&W.1.3	SD2 (See Plans & Specifications)	set	3.00															
D&W.1.4	WD1 (See Plans & Specifications)	set	7.00															
D&W.1.5	RD1 (See Plans & Specifications)	set	1.00															
D&W.2	WINDOWS (Supply and Installation)																	
D&W.2.1	AW1 (See Plans & Specifications)	set	2.00															
D&W.2.2	AW2 (See Plans & Specifications)	set	16.00															
D&W.2.3	AW3 (See Plans & Specifications)	set	4.00															
	sub-total																	
E	ELECTRICAL WORKS																	
E.1	ROUGHING INS																	
	*Consumables such as Conduit Hangers and Supports (i.e. Unistrut channels, Full-threaded rods, unistrut clamps, screws, expansion bolts, nuts and washers), Cable Ties, Electrical tapes, rubber tapes, pvc solvent, butane gas, etc. shall be inclusive within the unit cost of each item.																	
E.1.1	20 mm dia x 3.00 m PVC Pipe	length	150.00															
E.1.2	32 mm dia x 3.00 m IMC Pipe	length	5.00															
E.1.3	Liquid Tight Flexible Metallic Conduit, Stainless Steel Insulation Sleeve, 1/2" (15mm) Diameter	length	300.00															
E.1.4	PVC Adapter Lock Nut, 20 mm dia	pcs	300.00															
E.1.5	IMC Lock Nut and Bushing, 32 mm dia	pcs	14.00															
E.1.6	Liquid Tight FMC Straight Connector, 15 mm (1/2") dia	pcs	250.00															
E.1.7	PVC Elbow, 20 mm dia	pcs	80.00															
E.1.8	IMC Elbow, 32 mm dia	pcs	12.00															
E.1.9	IMC COUPLING 32 mm dia	pcs	12.00															
E.2	WIRES AND CABLES																	
	*Consumables such as Conduit Hangers and Supports (i.e. Unistrut channels, Full-threaded rods, unistrut clamps, screws, expansion bolts, nuts and washers), Cable Ties, Electrical tapes, rubber tapes, pvc solvent, butane gas, etc. shall be inclusive within the unit cost of each item.																	
E.2.1	Copper Wires, THWN-2/THHN, 2.0 sqmm (Green)	ln.m	750.00															
E.2.2	Copper Wires, THWN-2/THHN, 3.5 sqmm	ln.m	1,500.00															
E.2.3	Copper Wires, THWN-2/THHN, 5.5 sqmm	ln.m	150.00															
E.2.4	Copper Wires, THWN-2/THHN, 14.0 sqmm	ln.m	60.00															

(NAME AND SIGNATURE OF AUTHORIZED REPRESENTATIVE)
Company Authorized Representative
(COMPANY NAME)

Republic of the Philippines
Department of Health
Baguio General Hospital and Medical Center
PROPOSED SIX-STOREY STORAGE BUILDING PHASE I

BILL OF QUANTITIES

Item No.	DESCRIPTION	UNIT	QTY	MATERIALS		LABOR		EQUIPMENT		ESTIMATED DIRECT COST	MARK-UPS IN %		TOTAL MARK-UP		TOTAL INDIRECT COST	TOTAL COST	TOTAL UNIT COST	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST		PROFIT	OCM	%	VALUE				VAT
(1)	(2)		(3)	(4a)	(4) = (4a) x (3)	(5a)	(5) = (5a) x (3)	(6a)	(6) = (6a) x (3)	(7) = (4) + (5) + (6)	(8)	(9)	(10) = (8) + (9)	(11) = (10) X (7)	(12) = % (7) + (11)	(13) = (11) + (12)	(14) = (7) + (13)	(15) = (14) / (3)
E.3	WIRING DEVICES																	
	*Consumables such as Conduit Hangers and Supports (i.e. Unistrut channels, Full-threaded rods, unistrut clamps, screws, expansion bolts, nuts and washers), Cable Ties, Electrical tapes, rubber tapes, pvc solvent, butane gas, etc. shall be inclusive within the unit cost of each item.																	
E.3.1	Duplex Convenience Outlet (Universal, Ground Type w/ plate & cover), 10A to 16A Rated, With Shutters, Wide Series	set	12.00															
E.3.2	Special Purpose Outlet, (Additional Reference: Nema 14- 50R), 16 Amp-Rated (or Higher), Universal, 3-Prong ground type, Middle-Mount, Heavy Duty GFCI	set	8.00															
E.3.3	Switch, 1 - Gang w/ plate and cover, wide series	set	11.00															
E.3.4	Switch, 2 - Gang w/ plate and cover, wide series	set	3.00															
E.3.5	Switch, 3 - Gang w/ plate and cover, wide series	set	4.00															
E.3.6	Switch, 3-wav,1 - Gang w/ plate and cover, wide series	set	10.00															
E.3.7	Switch, 3-wav, 2 - Gang w/ plate and cover, wide series	set	4.00															
E.3.8	Square Box, 600mm x 600mm x 400mm Powder Coated Metal Pull Box, Screw-Detachable Cover with Knockouts, Gauge #16	pcs	8.00															
E.3.9	Pull Box, 700mm x 200mm x 200mm Powder Coated Metal Pull Box, Screw-Detachable Cover with Knockouts, Gauge #16	pcs	4.00															
E.3.10	Utility Box, PVC	pcs	92.00															
E.3.11	Junction Box, PVC	pcs	90.00															
E.4	LIGHTING FIXTURES																	
	*Consumables such as Conduit Hangers and Supports (i.e. Unistrut channels, Full-threaded rods, unistrut clamps, screws, expansion bolts, nuts and washers), Cable Ties, Electrical tapes, rubber tapes, pvc solvent, butane gas, etc. shall be inclusive within the unit cost of each item.																	
E.4.1	Direct and Indirect (Sconce Lighting) Modern Decorative 9W LED Light (Warm White- 3000K), 100mm x 100mm x 100mm Wall-Mounted Rigid Aluminum/ Stainless Steel Fixture, Outdoor rated shatter proof diffusers and enclosure, IP65 Protection, Black	set	6.00															
E.4.2	12-Watt LED Daylight Bulb in SURFACE Type Vertical Downlight - 150mmØ Cylindrical Lighting Fixture with Chrome Finished Reflector, Black Body	set	25.00															
E.4.3	30 x 60 cm x 2- 9Watt T8 Tubular LED, Recessed Type Vertical Downlight, 220Vac, 4000K Daylight, Dust Tight Lighting Fixture w/ Aluminum Louvers	set	20.00															
E.4.4	2-Watt Luminous Hanging Exit Light, 230Vac	set	2.00															
E.4.5	2x3-Watt Twin-Head LED Emergency Light with Charger, 230V	set	3.00															
E.5	PROTECTIVE DEVICES																	
	*Consumables such as Conduit Hangers and Supports (i.e. Unistrut channels, Full-threaded rods, unistrut clamps, screws, expansion bolts, nuts and washers), Cable Ties, Electrical tapes, rubber tapes, pvc solvent, butane gas, etc. shall be inclusive within the unit cost of each item.																	
E.5.1	MDP- RECORDS STORAGE (SECOND FLOOR) Main: 225AT/300AF, 25KAIC, 3-pole, 3-Phase, 230V Branch: 6-60AT 2-pole, 1-Phase 2-60AT 3-pole, 3-Phase	set	1.00															
E.5.2	DISTRIBUTION PANEL BOARDS (GROUND FLOOR AND SECOND FLOOR) Main: 60AT/100AF, 15KAIC, 2-pole, 1-Phase, 230V Branch: 1-20AT 2-pole, 1-Phase 7-30AT 2-pole, 1-Phase	set	1.00															
E.6	SERVICE ENTRANCE																	
E.6.1	Copper Wires, THHN, 100 sqmm	ln.m	300.00															
E.6.2	Copper Wires, THWN-2/THHN, 50.0 sqmm (Green)	ln.m	120.00															
E.6.3	65 mm dia x 3.00 m RSC Pipe	pcs	5.00															
E.6.4	Square Box, 600mm x 600mm x 400mm Powder Coated Metal Pull Box, Screw-Detachable Cover with Knockouts, Gauge #16	pcs	4.00															
E.6.5	RSC, Coupling, 65 mm dia	pcs	8.00															
E.6.6	RSC, Elbow, 65 mm dia	pcs	4.00															
E.6.7	RSC, Clamp, 65 mm dia	pcs	16.00															
E.6.8	Entrance cap, 65mm dia	pcs	4.00															
E.6.9	Solderless Mechanical Lugs/ Terminal Lugs, (Refer to appropriate size on provided conductors), Copper/Aluminum, Square D	lot	1.00															
E.6.10	Secondary Rack with smool, Triple	set	12.00															
E.6.11	Electrical System Grounding (Grounding Pit, with Grounding Rod, clamp, and accessories)	set	1.00															
E.6.12	Multi-purpose Aluminum Folding Ladder, 4 x 4	set	2.00															
	sub-total																	
ECE	AUXILIARY WORKS																	
EC.1	FIRE ALARM SYSTEM																	
	*Consumables such as Conduit Hangers and Supports (i.e. Unistrut channels, Full-threaded rods, expansion bolts, nuts and washers), RJ-45-RJ-11/BNC/RG-6 Coax Connectors, Cable Ties shall be inclusive within the unit cost of each item.																	
EC.1.1	Fire Alarm Controller, 8 zones, 230V power supply w/ standby battery, non-voltage transfer contact, zone alarm indicator, main sander, dead front construction, UL	set	1.00															
EC.1.2	Manual Pull Station	set	4.00															
EC.1.3	Bell, 24 Vdc, 6" dia	pcs	4.00															
EC.1.4	Smoke Detector, 24 Vdc, photoelectric type	pcs	7.00															
EC.1.5	TF Wire, 1.25 mm	m	130.00															
EC.1.6	Utility Box, PVC, ga 16	pcs	4.00															
EC.1.7	20 mm dia x 3.00 m PVC Pipe	length	50.00															
EC.1.8	PVC Adapter Lock Nut, 20 mm dia	pcs	50.00															
EC.1.9	PVC Long Elbow, 20 mm dia	pcs	20.00															
EC.1.10	Junction Box, PVC, ga 16	pcs	16.00															

(NAME AND SIGNATURE OF AUTHORIZED REPRESENTATIVE)
Company Authorized Representative
(COMPANY NAME)

Republic of the Philippines
Department of Health
Baguio General Hospital and Medical Center
PROPOSED SIX-STOREY STORAGE BUILDING PHASE I

BILL OF QUANTITIES

Item No.	DESCRIPTION	UNIT	QTY	MATERIALS		LABOR		EQUIPMENT		ESTIMATED DIRECT COST	MARK-UPS IN %		TOTAL MARK-UP		TOTAL INDIRECT COST	TOTAL COST	TOTAL UNIT COST	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST		PROFIT	OCM	%	VALUE				VAT
(1)	(2)		(3)	(4a)	(4) = (4a) x (3)	(5a)	(5) = (5a) x (3)	(6a)	(6) = (6a) x (3)	(7) = (4) + (5) + (6)	(8)	(9)	(10) = (8) + (9)	(11) = (10) X (7)	(12) = % (7) + (11)	(13) = (11) + (12)	(14) = (7) + (13)	(15) = (14) / (3)
EC.2	TELEPHONE / DATA SYSTEM																	
	*Consumables such as Conduit Hangers and Supports (i.e. Unistrut channels, Full-threaded rods, expansion bolts, nuts and washers), RJ-45 RJ-11/BNC/RG-6 Coax Connectors, Cable Ties shall be inclusive within the unit cost of each item.																	
EC.2.1	24-Port Gigabit L2 Managed Switch with 4 SFP Slots (Gigabit Ethernet connections on all ports provide full speed of data transferring L2+ feature—Static Routing, helps route internal traffic for more efficient use of network resources IP-MAC-Port Binding, ACL, Port Security, DoS Defend, Storm control, DHCP Snooping, 802.1X Authentication and Radius provide you robust security strategies L2/L3/L4 QoS and IGMP snooping optimize voice and video application IPv6 support with dual IPv4-IPv6 stack, MLD snooping, IPv6 neighbor discovery Web, CLI (Console Port, Telnet, SSH), SNMP, RMON and Dual Image bring abundant management solutions.	set	1.00															
EC.2.2	Cable Manager, Horizontal, Metal Frame with Cover, 1U	set	1.00															
EC.2.3	Uninterruptible Power Supply (UPS), Capacity: 650VA/360W or higher; Battery Backup and Surge Protector; On-Line Input Voltage 160-290VAC, single phase; Online Frequency Range (50Hz/60Hz) 45 - 55Hz ±1Hz / 55 - 65Hz ±1Hz; Typical Recharge Time 4 hours to 90%; Outlet type and numbers IEC C13 x 4; NEMA.	set	1.00															
EC.2.4	Data Cabinet, wall mount, 12U, 600mm x 600mm (WxD), front glass door with lock, removable side panels, 19" rack, with 2 fans, with 2 fans, PDU, cagenuts and bolts.	set	1.00															
EC.2.5	Optical Distribution Frame (ODF), 8 SC ports with Pigtails, rackmount	set	1.00															
EC.2.6	Fiber Optic SC to SC Patchcord, Singlemode, 3 meters	piece	16.00															
EC.2.7	Fiber Optic Distribution box, indoor/outdoor, 8-port	set	1.00															
EC.2.8	Media Converter, Gigabit, Single Mode, with power adaptor	unit	2.00															
EC.2.9	Fiber optic Cable, 8-core, singlemode, outdoor, armored, to be installed in a conduit with messenger wire lashed with stainless steel wire where needed. Inclusive of cable layout, installation up to the NOC, termination, fusion splicing, testing, and accessories (i.e. SC connectors, clamps, etc.)	m	560.00															
EC.2.10	50mm Service Entrance Cap, Die Cast Aluminum (1-1/2")	pcs	1.00															
EC.2.11	50mm dia x 3.00 m IMC Pipe (1-1/2")	length	3.00															
EC.2.12	IMC Adapter and Lock Nut, 50 mm dia	pcs	6.00															
EC.2.13	IMC Elbow, 50mm dia	pcs	4.00															
EC.2.14	IMC Coupling, 50mm dia	pcs	6.00															
EC.2.15	Pullbox, Powder Coated, G.L., 300x300x150mm, Gauge #16	pcs	5.00															
EC.2.16	Pullbox, Powder Coated, G.L., 600x600x300mm, Gauge #16	pcs	1.00															
EC.2.17	Secondary Rack with Insulator Spool, Triple	set	1.00															
EC.2.18	Galvanized Wire Mesh Cable Tray, W: 100mm H: 54mm L: 3m, with Couplers, Clamp Plate, Nuts & Bolts, Brackets included	ln.m	12.00															
EC.2.19	Vertical/Riser Cable Tray, 150mm x 50mm x 1 meter, Hot-dipped galvanized gauge 20, Detachable cover	m	4.00															
EC.2.20	PVC Slotted Cable Duct, 2" x 2" x 2 meters	ln.m	4.00															
EC.3	SURVEILLANCE AND ACCESS CONTROL SYSTEM																	
	*Consumables such as Conduit Hangers and Supports (i.e. Unistrut channels, Full-threaded rods, expansion bolts, nuts and washers), RJ-45 RJ-11/BNC/RG-6 Coax Connectors, Cable Ties shall be inclusive within the unit cost of each item.																	
EC.3.1	4MP WDR Van-focal Dome Network Camera Image Sensor: 1/3" Progressive Scan CMOS; Min. Illumination: 0.01Lux @ (F1.2, AGC ON), 0.014 Lux @ (F1.4, AGC ON), 0 Lux with IR; Shutter Speed: 1/3 s ~ 1/10,000 s; Lens: 2.8 - 12 mm @ F1.4, motorized lens (-Z), angle of view: 112°-33.8°; Angle Adjustment: Pan:0° - 355°, Tilt: 0° - 75°, Rotation: 0° - 355°; Day & Night: IR cut filter with auto switch; WDR: 120dB; Max. Resolution: 2688x1570; Power: 12V DC±5%; PoE: 802.3af class 2; Max. 5 S.W.	set	6.00															
EC.3.2	Network Camera, Bullet, AHD, 1/2.8" Progressive Scan CMOS, Color, 0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR, 2.8/4/6 mm Lens Type, IR Range Up to 30m or higher, IP67, 120dB WDR, H.265+/H.265/H.264+/H.264	set	1.00															
EC.3.3	Network Video Recorder, 16-ch 1U 4K NVR Up to 16 channel IP cameras can be connected Supports decoding H.265+/H.265/H.264+/H.264 video formats Up to 4K high-definition live view, storage and playback Up to 8-ch @ 1080p decoding capacity Up to 160 Mbps high incoming bandwidth ensures IP cameras can be connected 1 HDMI and 1 VGA interfaces; both interfaces support independent video output 2 HDDs for continuous video recording.	set	2.00															
EC.3.4	Hard Disk, 4 TB, for Surveillance CCTV	set	1.00															
EC.3.5	32" LED 4K UHD Monitor (3820 x 2160), with Wall Mount Bracket and 5 meters HDMI cable	set	1.00															
EC.3.6	Unshielded Twisted Pair (UTP) Cable, CAT-6, Pure Copper, Preferred Color: Orange/Red/Green/Yellow	m	250.00															
EC.3.7	20 mm dia x 3.00 m PVC Pipe	length	80.00															
EC.3.8	PVC Adapter Lock Nut, 20 mm dia	pcs	100.00															
EC.3.9	Junction Box, PVC	pcs	8.00															
EC.3.10	16 Port Fast Ethernet Smart POE Switch • 16 x 100 Mbps PoE RJ45 ports, 2 x gigabit combs. • IEEE 802.3af standard for PoE ports. • Network topology management, alarm push, network health monitor. • 6 kV surge protection for PoE ports. • 4 EAP cameras can be connected to 300 m in extend mode.	set	2.00															
EC.3.11	Access Control System, Face Recognition Terminal Max.3000 faces capacity and Max.3000 cards, Supports TCP/IP, Face Recognition Terminal, 4.3-inch LCD touch screen, 2 Mega pixel wide-angle lens, Built-in Mifare card reading module, Supports ISUPS 0, ISAPL Configuration via the web client, Face recognition. Distance: 0.5 m to 1.5 m, Two-way audio with client software, indoor station, and master station, Duration < 0.2 s/User, Accuracy rate ≥ 99%; IP65	set	3.00															
EC.3.12	Magnetic Door Lock (Single Door), Input Voltage: DC12V, LED indicator displays door lock status; Inclusive of Bracket, Door Contact, Contactless Infrared Exit Button, and Wires.	set	3.00															
EC.3.13	Uninterruptible Power Supply (UPS), Access Control Switching Power Supply Box with Battery Backup, 12V-20A-18CH, Modulation Method: Pulse width modulation (PWM), Transistor Connection: Full bridge, Overdischarge protection, Wall-mounted, Cooling Fan Type: Natural cooling; Inclusive of Batteries	set	3.00															
EC.3.14	Square Box/Pull Box, PVC, 6"x6" with Cover	pcs	7.00															
EC.3.15	Utility Box, PVC ca 16	pcs	6.00															

(NAME AND SIGNATURE OF AUTHORIZED REPRESENTATIVE)
Company Authorized Representative
(COMPANY NAME)

Republic of the Philippines
Department of Health
Baguio General Hospital and Medical Center
PROPOSED SIX-STOREY STORAGE BUILDING PHASE I

BILL OF QUANTITIES

Item No.	DESCRIPTION	UNIT	QTY	MATERIALS		LABOR		EQUIPMENT		ESTIMATED DIRECT COST (7) = (4) + (5) + (6)	MARK-UPS IN %		TOTAL MARK-UP		TOTAL INDIRECT COST (13) = (11) + (12)	TOTAL COST (14) = (7) + (13)	TOTAL UNIT COST (15) = (14) / (3)
				UNIT COST (4a) = (4a) x (3)	TOTAL COST (4) = (4a) x (3)	UNIT COST (5a) = (5a) x (3)	TOTAL COST (5) = (5a) x (3)	UNIT COST (6a) = (6a) x (3)	TOTAL COST (6) = (6a) x (3)		PROFIT (8)	OCM (9)	% (10) = (8) + (9)	VALUE (11) = (10) X (7)			
	sub-total																
P&S	PLUMBING AND SANITARY WORKS																
	* Consumables such as teflon tape, pvc cement, hangers, clamps, threaded rod, etc shall be inclusive within the unit cost of each item																
P&S.1	PLUMBING FIXTURES																
	* See specifications on healthcare plumbing fixtures																
P&S.1.1	Regular Water Closet Type 1 w/ Complete Accessories	set	4.00														
P&S.1.2	Pedestal Lavatory Type 1 w/ Complete Accessories	set	4.00														
P&S.1.3	Slip Sink Type 1 w/ Complete Accessories	set	2.00														
P&S.1.4	Floor Drain	set	10.00														
	* Heavy Duty Stainless Steel (SUS304), 4" x 4" Square Type w/ Strainer																
P&S.1.5	Facial Mirror	sq.m	2.00														
	* 6mm Thk Mirror, w/ 6mm thk Marine plywood Backing																
P&S.1.6	Toilet Tissue Holder (Single)	set	4.00														
	* Accessories: Mounting accessories, etc.																
P&S.1.7	Recessed Soap Dish, S/S	set	6.00														
	* Accessories: Mounting accessories, etc.																
P&S.2	WATER SUPPLY																
	* use different pipe color/lining for cold water line, hot water line Irrigation water line																
P&S.2.1	32 mm Ø (PN 20) - PPR	In.m	20.00														
P&S.2.2	25 mm Ø (PN 20) - PPR	In.m	60.00														
P&S.2.3	20 mm Ø (PN 20) - PPR	In.m	16.00														
P&S.2.4	1" Dia Gate Valve (PN20) - (Body= Cast Bronze, Bonnet=Forged Brass, Stem=Special Brass, Disk=Cast Bronze)	Pcs	2.00														
P&S.2.5	3/4" Dia Gate Valve (PN20) - (Body= Cast Bronze, Bonnet=Forged Brass, Stem=Special Brass, Disk=Cast Bronze)	Pcs	4.00														
P&S.2.6	1" Dia Check Valve (Lift Type) - Brass Body (PN20)	Pcs	2.00														
P&S.2.7	3/4" Dia Check Valve (Lift Type) - Brass Body (PN20)	Pcs	2.00														
P&S.2.8	3/4" Dia Float Valve (Lift Type) - Brass Body (PN20)	Pcs	1.00														
P&S.2.9	1" Dia PPR Gate Valve (PN20)	Pcs	1.00														
P&S.2.10	3/4" Dia PPR Gate Valve (PN20)	Pcs	6.00														
P&S.2.11	1/2" Dia PPR Gate Valve (PN20)	Pcs	1.00														
P&S.2.12	32 mm Dia Tee - PPR	Pcs	6.00														
P&S.2.13	32 mm x 25 mm Dia Tee Reducer - PPR	Pcs	3.00														
P&S.2.14	25 mm Dia Tee - PPR	Pcs	6.00														
P&S.2.15	32 mm Dia Union - PPR	Pcs	4.00														
P&S.2.16	25 mm Dia Union - PPR	Pcs	6.00														
P&S.2.17	32 mm Dia End Cap - PPR	Pcs	4.00														
P&S.2.18	25 mm Dia End Cap - PPR	Pcs	9.00														
P&S.2.19	20 mm Dia End Cap - PPR	Pcs	20.00														
P&S.2.20	32 mm Dia 90 deg Elbow - PPR	Pcs	4.00														
P&S.2.21	25 mm Dia 90 deg Elbow - PPR	Pcs	24.00														
P&S.2.22	20 mm Dia 90 deg Elbow - PPR	Pcs	6.00														
P&S.2.23	32 mm Dia Coupling - PPR	Pcs	9.00														
P&S.2.24	25 mm Dia Coupling - PPR	Pcs	18.00														
P&S.2.25	25 mm Dia Coupling - PPR	Pcs	12.00														
P&S.2.26	20 mm Dia x 1/2" Female Threaded Tee- PPR	Pcs	3.00														
P&S.2.27	20 mm Dia x 1/2" Male Threaded Tee- PPR	Pcs	18.00														
P&S.2.28	32 mm Dia x 1" Male Threaded Coupling- PPR	Pcs	8.00														
P&S.2.29	25 mm Dia x 3/4" Male Threaded Coupling- PPR	Pcs	16.00														
P&S.2.30	Water Meter	Pcs	1.00														
P&S.3	WASTEWATER DRAINAGE & VENT																
	* Item of work includes: Excavation of 400mm wide x 600 mm depth along the Pipe length Sand Bedding Compaction Laying of Pipe Restoration of concrete pavement																
P&S.3.6	150 mm X 150 mm Wye - uPVC	Pcs	2.00														
P&S.3.7	150 mm X 100 mm Wye - uPVC	Pcs	2.00														
P&S.3.8	150 mm X 75 mm Wye - uPVC	Pcs	2.00														
P&S.3.9	100 mm X 100 mm Wye - uPVC	Pcs	6.00														
P&S.3.10	150 mm X 150 mm Sanitary Tee - uPVC	Pcs	2.00														
P&S.3.11	150 mm X 100 mm Sanitary Tee - uPVC	Pcs	2.00														
P&S.3.12	150 mm X 75 mm Sanitary Tee - uPVC	Pcs	2.00														
P&S.3.13	100 mm X 100 mm Sanitary Tee - uPVC	Pcs	3.00														
P&S.3.14	100 mm X 50 mm Sanitary Tee - Upvc	Pcs	20.00														
P&S.3.15	50 mm X 50 mm Sanitary Tee - uPVC	Pcs	40.00														
P&S.3.16	150 mm 90 Deg Elbow - uPVC	Pcs	3.00														
P&S.3.17	100 mm 90 Deg Elbow - uPVC	Pcs	9.00														
P&S.3.18	75 mm 90 Deg Elbow - uPVC	Pcs	3.00														
P&S.3.19	50 mm 90 Deg Elbow - uPVC	Pcs	30.00														
P&S.3.20	150 mm 45 Deg Elbow - uPVC	Pcs	3.00														
P&S.3.21	100 mm 45 Deg Elbow - uPVC	Pcs	10.00														
P&S.3.22	75 mm 45 Deg Elbow - uPVC	Pcs	3.00														
P&S.3.23	50 mm 45 Deg Elbow - uPVC	Pcs	10.00														
P&S.3.24	150 mm Dia Cleanout - uPVC	Pcs	3.00														

(NAME AND SIGNATURE OF AUTHORIZED REPRESENTATIVE)
Company Authorized Representative
(COMPANY NAME)

Republic of the Philippines
Department of Health
Baguio General Hospital and Medical Center
PROPOSED SIX-STOREY STORAGE BUILDING PHASE I

BILL OF QUANTITIES

Item No.	DESCRIPTION	UNIT	QTY	MATERIALS		LABOR		EQUIPMENT		ESTIMATED DIRECT COST	MARK-UPS IN %		TOTAL MARK-UP		TOTAL INDIRECT COST	TOTAL COST	TOTAL UNIT COST	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST		PROFIT	OCM	%	VALUE				VAT
(1)	(2)		(3)	(4a)	(4) = (4a) x (3)	(5a)	(5) = (5a) x (3)	(6a)	(6) = (6a) x (3)	(7) = (4) + (5) + (6)	(8)	(9)	(10) = (8) + (9)	(11) = (10) X (7)	(12) = % [(7) + (11)]	(13) = (11) + (12)	(14) = (7) + (13)	(15) = (14) / (3)
P&S.3.25	100 mm Dia Cleanout - uPVC	Pcs	6.00															
P&S.3.26	75 mm Dia Cleanout - uPVC	Pcs	3.00															
P&S.3.27	50 mm Dia Cleanout - uPVC	Pcs	6.00															
P&S.3.28	50 mm U-Trap - uPVC	Pcs	20.00															
P&S.3.29	Construction of Semic Tank	lot	1.00															
	* See plans for Details																	
	* includes concrete works, Masonry Works, Rebars, Formworks and others works to complete this item																	
P&S.4	PLUMBING EQUIPMENT																	
P&S.4.1	Water Tank, 7500 L capacity, Stainless Steel (SUS 304 -2mm thk), Vertical type with stand	set	1.00															
P&S.4.2	Submersible Sewage Pump, 5 HP, 3 Phase, 230 v, 60 Hz	set	1.00															
	sub-total																	
	TOTAL																	

INSTRUCTIONS TO BIDDERS

- *Testing of materials and systems must be included within the unit cost of each items.
- *Part of this Bill of quantities is the Plans, and Technical specifications
- * Do not remove / omit / reduce items
- * Follow computation format provided
- * Do not fill-up darken " " portions
- * All pages must be signed by the bidder's authorized representative