

PROPOSED REPAIR OF VARIOUS SCOPE OF WORK AT OPD BUILDING

BILL OF QUANTITIES

PROJECT TITLE: ONE (1) LOT LABOR AND MATERIALS FOR THE PROPOSED COMPLETION OF UNCORRECTED WORKS AT OPD PHASE I AND ADDITIONAL REPAIR WORKS OF BGHMC
 APPROVED BUDGET FOR THE CONTRACT: 4,100,000.00 PESOS ONLY
 CONTRACT DURATION: 140 CALENDAR DAYS

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) * Includes Storage, Staging area, Workers Barracks * Note: Workers barracks must be off-site	lot	1.00															
G.4	Provisions for Health, Security and Safety * 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) * Implementation of Construction Safety and Health Program (DOLE Approved) - Materials, Labor and Equipment	lot	1.00															
	sub-total																	
ES	EARTH WORKS / SITE WORKS																	
ES.1	Structural Excavation w/ Hauling	cu.m	12.00															
ES.2	Embankment / Backfilling and Compaction	cu.m	6.00															
	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, Miscellaneous items	sq.m	10.00															
C.1.1.1	Assorted location	sq.m	10.00															
C.1.2	4" CHB (Layering, Installation of Reinforcing Bars) * Components: 4" CHB, 10mm dia RSB (Grade 33), #16 Tie Wires, Portland Cement, Sand, Miscellaneous items	sq.m	10.00															
C.1.2.1	Assorted location	sq.m	10.00															
C.2	PLASTERING WORKS																	
C.2.1	Cement Plaster Finish (Interior) * Components: Portland Cement, Fine Sand, Miscellaneous items	sq.m	20.00															
C.2.1.1	Basement Floor	sq.m	20.00															
C.2.2	Cement Plaster Finish (Exterior) * 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.	sq.m	20.00															
C.2.2.1	Exterior	sq.m	20.00															
C.3	RC CANAL																	
C.3.1	Structural Concrete (3000 PSI @ 28 days, pouring, curing)	cu.m	6.00															
C.3.2	Reinforcing Bars (Grade 60, Fabrication, Installation)	kg	660.00															
C.3.3	Reinforcing Bars (Grade 40, Fabrication, Installation)	kg	230.00															
C.3.4	Formworks and Falseworks (Fabrication, Installation, and Stripping)	sq.m	20.00															
	sub-total																	
A	ARCHITECTURAL FINISHES																	
A.1	FLOOR FINISH																	
A.1.1	Non-Directional Vinyl Roll Floor Finish (F-2) * Components: 2mm Roll-Form, Anti-static, Anti-Bacterial Homogenous 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	sq.m	1,127.00															

PROPOSED REPAIR OF VARIOUS SCOPE OF WORK AT OPD BUILDING

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)
A.1.1.1	Assorted location	sq.m	1,127.00															
A.1.2	Polished Porcelain Floor Tile Finish (F-4a) (Size: 400mm X 400mm)	sq.m	25.00															
	*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	Assorted location	sq.m	25.00															
A.1.3	Porcelain Floor Tile Finish (F-5a) (Size: 600mm X 600mm)	sq.m	151.00															
	*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	Assorted location	sq.m	151.00															
A.1.4	Porcelain Floor Tile Finish (F-5a) (Size: 600mm X 600mm), Super white color	sq.m	90.00															
	*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	Assorted location	sq.m	90.00															
A.1.5	Non-skid Porcelain Floor Tile w/ Anti-slip Groove Finish (F-6) (Size: 1200mm x 300mm), Wood series	sq.m	60.00															
	*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	Assorted location	sq.m	60.00															
A.1.6	Porcelain Floor Tile Finish for Stair Riser (F-5) (Size: 1200mm wide), Wood series design	sq.m	30.00															
	*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.1.6.1	Assorted location	sq.m	30.00															
A.1.7	Semi-Gloss Chlorinated Rubber-Modified Acrylic Finish (F-8)	sq.m	55.00															
	*Components: Floor Topping/Self Leveling Grout, Putty, Reducer, Sealer/Primer, 100% Solid-polyamine-cured heavy duty epoxy floor coating Finish (2 coats), Miscellaneous items																	
A.1.7.1	Assorted location	sq.m	55.00															
A.1.8	3mm x 40mm Anodized Metal Transition strip	ln.m	25.00															
A.1.8.1	Assorted location	ln.m	25.00															
A.1.9	Waterproofing and water sealing	sq.m	250.00															
	* Components: Ready to apply (pre-mixed) polyurethane elastomeric seamless waterproofing membrane, Miscellaneous items																	
A.1.9.1	Assorted location	sq.m	250.00															
A.2	WALL FINISH																	
A.2.1	12 thk. High Impact Resistant Gypsum Board Finish (W-7a)	sq.m	35.00															
	*Components: 16mm thk High impact resistant gypsum board (1 hour fire rating), 76mm x 0.7mm G.I. Studs spaced @ 406 mm O.C., 50mm thk 14kg/cu.m. glass mineral wool, Rivets, Gypsum screw, Concrete nail, consumables. * Studs must be supported from flooring to slab/beam soffit * Quantity of area is based on one face of wall covered by gypsum finish only																	
A.2.1.1	Assorted location	sq.m	35.00															
A.3	CEILING FINISH																	
A.3.1	4.5mm thk Fiber Cement Board Finish (C-3a)	sq.m	20.00															
	*Components: 4' x 8' x 4.5mm 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	Assorted location	sq.m	20.00															
A.3.2	PVC Ceiling Panel Finish (C-7, Wood Series Design)	sq.m	20.00															
	*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	Assorted location	sq.m	20.00															
A.4	PAINTING WORKS																	
A.4.1	INTERIOR WALL AND EXPOSED CONCRETE PAINTING																	
A.4.1.1	Anti-Bacterial Paint Finish (P-4)	sq.m	150.00															
	* Components: Concrete Neutralizer, Penetrating Sealer, Putty, Primer, Reducer, Anti-Bacterial, Odorless & Stain Resistant Paint, Miscellaneous items																	
A.4.1.1.1	Assorted location	sq.m	150.00															
A.4.2	WALL PAINTING ON DRYWALL (GYPSUM WALL)																	

PROPOSED REPAIR OF VARIOUS SCOPE OF WORK AT OPD BUILDING

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)
A.4.2.1	Anti-Bacterial Paint Finish (P-4)	sq.m	90.00															
	* Components: Gypsum Tape, Putty, Primer, Reducer, Anti-Bacterial, Odorless & Stain Resistant-Paint, Miscellaneous items																	
A.4.2.1.1	Assorted location	sq.m	90.00															
A.4.3	CEILING PAINTING ON FICEM BOARD																	
A.4.3.1	Anti-Bacterial Paint Finish (P-4)	sq.m	40.00															
	* Components: Gypsum Tape, Putty, Primer, Reducer, Anti-Bacterial, Odorless & Stain Resistant-Paint, Miscellaneous items																	
A.4.3.1.1	Assorted location	sq.m	40.00															
A.4.4	EXTERIOR PAINT																	
A.4.4.1	Elastomeric Paint Finish (P-2)	sq.m	410.00															
	* Components: Putty, Primer, Reducer, Elastomeric Paint, Miscellaneous items																	
A.4.4.1.1	Exterior Walls	sq.m	410.00															
	sub-total																	
E	ELECTRICAL WORKS																	
	* Consumables such as butane gas, pvc cement, electrical tape, tie wires, etc shall be inclusive within the unit cost of each item																	
	* Hangers and supports, screws, bolts, terminal lugs shall be inclusive within the unit cost of each item																	
E.1	ROUGHING INS																	
E.1.1	20 mm dia x 3.00 m PVC Pipe	length	40.00															
E.1.2	25 mm dia x 3.00 m PVC Pipe	length	40.00															
E.1.3	20 mm dia MECA Tube	ln.m.	55.00															
E.1.4	PVC Adanter Lock Nut, 20 mm dia	pcs	7.00															
E.1.5	PVC Long Elbow, 20 mm dia	pcs	11.00															
E.1.6	PVC Adanter Lock Nut, 25 mm dia	pcs	7.00															
E.1.7	PVC Long Elbow, 25 mm dia	pcs	11.00															
E.1.8	Utility Box, PVC ea 16	pcs	10.00															
E.1.9	Junction Box, PVC ea 16	pcs	10.00															
E.2	WIRES AND CABLES																	
E.2.1	Copper Wires, THWN-2/THHN, 2.0 samm (Green)	m	150.00															
E.2.2	Copper Wires, THWN-2/THHN, 3.5 samm	m	150.00															
	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	25.00															
P&S.1.2	Urinal Type 1 w/ Complete Accessories	set	6.00															
P&S.1.3	Gooseneck Faucet w/ Complete Accessories, Stainless steel (sus304)	set	22.00															
P&S.1.4	Floor Drain	set	25.00															
P&S.1.5	* Heavy Duty Stainless Steel (SUS304), 4" x 4" Square Type w/ Strainer Dome Type Stainless steel Floor Drain with Strainer * Accessories: Mounting accessories, etc	set	10.00															
P&S.2	WATER SUPPLY																	
	* use different pipe color/lining for cold water line and hot water line																	
P&S.2.1	25 mm Ø (PN 20) - PPR	ln.m	24.00															
P&S.2.2	20 mm Ø (PN 20) - PPR	ln.m	44.00															
P&S.2.3	3/4" Dia Gate Valve (PN20) - (Body= Cast Bronze, Bonnet=Forged Brass, Stem=Special Brass, Disk=Cast Bronze)	Pcs	4.00															
P&S.2.4	1" Dia Check Valve (Lift Type) - Brass Body (PN20)	Pcs	3.00															
P&S.2.5	3/4" Dia PPR Gate Valve (PN20)	Pcs	2.00															
P&S.2.6	1/2" Dia PPR Gate Valve (PN20)	Pcs	21.00															
P&S.2.7	25 mm Dia Tee - PPR	Pcs	12.00															
P&S.2.8	25 mm Dia Union - PPR	Pcs	4.00															
P&S.2.9	25 mm Dia End Cap - PPR	Pcs	4.00															
P&S.2.10	20 mm Dia End Cap - PPR	Pcs	12.00															

PROPOSED REPAIR OF VARIOUS SCOPE OF WORK AT OPD BUILDING

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.2.11	25 mm Dia 90 deg Elbow- PPR	Pcs	3.00															
P&S.2.12	20 mm Dia 90 deg Elbow- PPR	Pcs	12.00															
P&S.2.13	25 mm Dia Coupline - PPR	Pcs	9.00															
P&S.2.14	25 mm Dia Coupline - PPR	Pcs	16.00															
P&S.2.15	20 mm Dia x 1/2" Female Threaded Tee- PPR	Pcs	22.00															
P&S.2.16	20 mm Dia x 1/2" Male Threaded Tee- PPR	Pcs	4.00															
P&S.2.17	25 mm Dia x 3/4" Male Threaded Coupline- PPR	Pcs	8.00															
P&S.3	WASTEWATER DRAINAGE & VENT																	
P&S.3.1	100 mm Dia uPVC Pipe (s-1000)	ln.m	24.00															
P&S.3.2	75 mm Dia uPVC Pipe (s-1000)	ln.m	12.00															
P&S.3.3	50 mm Dia uPVC Pipe (s-1000)	ln.m	24.00															
P&S.3.4	100 mm X 100 mm Wve - uPVC	Pcs	4.00															
P&S.3.5	100 mm X 75 mm Wve - uPVC	Pcs	5.00															
P&S.3.6	100 mm X 50 mm Wve - uPVC	Pcs	2.00															
P&S.3.7	75 mm X 75 mm Wve - uPVC	Pcs	1.00															
P&S.3.8	75 mm X 75 mm Wve - uPVC	Pcs	1.00															
P&S.3.9	50 mm X 50 mm Wve - uPVC	Pcs	1.00															
P&S.3.10	100 mm X 100 mm Sanitary Tee - uPVC	Pcs	5.00															
P&S.3.11	100 mm X 75 mm Sanitary Tee - uPVC	Pcs	5.00															
P&S.3.12	100 mm X 50 mm Sanitary Tee - uPVC	Pcs	10.00															
P&S.3.13	75 mm X 75 mm Sanitary Tee - uPVC	Pcs	1.00															
P&S.3.14	75 mm X 50 mm Sanitary Tee - uPVC	Pcs	1.00															
P&S.3.15	50 mm X 50 mm Sanitary Tee - uPVC	Pcs	12.00															
P&S.3.16	100 mm 90 Deg Elbow - uPVC	Pcs	5.00															
P&S.3.17	75 mm 90 Deg Elbow - uPVC	Pcs	6.00															
P&S.3.18	50 mm 90 Deg Elbow - uPVC	Pcs	12.00															
P&S.3.19	150 mm 45 Deg Bend - uPVC	Pcs	3.00															
P&S.3.20	100 mm 45 Deg Bend - uPVC	Pcs	2.00															
P&S.3.21	75 mm 45 Deg Elbow - uPVC	Pcs	5.00															
P&S.3.22	50 mm 45 Deg Elbow - uPVC	Pcs	6.00															
P&S.3.23	100 mm Dia Cleanout - uPVC	Pcs	2.00															
P&S.3.24	75 mm Dia Cleanout - uPVC	Pcs	1.00															
P&S.3.25	50 mm Dia Cleanout - uPVC	Pcs	2.00															
P&S.3.26	50 mm U-Trap -uPVC	Pcs	24.00															
	sub-total																	
H	HVAC WORKS																	
H.1	HVAC DUCTING WORKS																	
H.1.1	100 mm Diameter Air Vent Round Cover, Stainless Steel (SUS)	set	16.00															
	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