

DETAILED ESTIMATES

PROJECT TITLE: CONSTRUCTION OF BGHMC TRAUMA CENTER BUILDING PHASE II
 APPROVED BUDGET FOR THE CONTRACT: P 10,685,456.74
 * NOTE: Do not fill up blacken portion

Item No.	DESCRIPTION	UNIT	QTY	UNIT COST	MATERIALS	LABOR & EQUIPMENT	ESTIMATED DIRECT COST	MARK-UPS IN %		TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST
								PROFIT	OCM	%	VALUE			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1.0	GENERAL REQUIREMENTS													
1.1	Mobilization / Demobilization	lot	1.00											
1.2	Project Billboard	lot	1.00											
1.3	Provisions for Health and Safety * Board up, PPE, etc.	lot	1.00											
	sub-total													
2.0	CIVIL WORKS													
2.1	RC COLUMNS													
2.1.2	Reinforcing Bars (Grade 60)													
2.1.2.1	Third to Fourth Floor Level	kgs	7,500.00											
2.2	RC BEAMS													
2.2.1	Structural Concrete (4000 PSI)													
2.2.1.1	Third Floor	cu.m	110.00											
2.2.2	Reinforcing Bars (Grade 60)													
2.2.2.1	Third Floor	kgs	26,600.00											
2.2.3	Formworks and Falseworks													
2.2.3.1	Third Floor	sq.m	820.00											
2.3	SHEAR WALL / ELEVATOR SHAFT													
2.3.1	Reinforcing Bars (Grade 60)													
2.3.1.1	Third to Fourth Floor Level	kgs	1,850.00											
2.4	RC STAIRS													
2.4.1	Structural Concrete (4000 PSI)													
2.4.1.1	Basement to Ground Floor Level	cu.m	8.50											
2.4.1.2	Ground to Second Floor Level	cu.m	11.50											
2.4.2	Reinforcing Bars (Grade 60)													
2.4.2.1	Basement to Ground Floor Level	kgs	980.00											
	Ground to Second Floor Level	kgs	1,350.00											
2.4.3	Formworks and Falseworks													
2.4.3.1	Basement to Ground Floor Level	sq.m	70.00											
2.4.3.2	Ground to Second Floor Level	sq.m	85.00											
2.5	POST TENSIONING OF BEAMS (See Beam Schedule)													
2.5.1	Third Floor	lot	1.00											
	sub-total													
3.0	FINISHING WORKS													
3.1	FLOOR FINISH													

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
3.1.1	Basement Floor													
3.1.1.1	Polyurethane-Based Epoxy Floor Coating	sq.m	355.00											
3.1.1.2	Concrete Floor Sealer and Hardener	sq.m	1,300.00											
3.1.1.3	Non-Skid Concrete Waffle Tiles (F-17)	sq.m	190.00											
3.2	BASE BOARD FINISH													
3.2.1	Basement Floor													
3.2.1.1	100mm High Epoxy Painted Baseboard (B-4)	ln.m	240.00											
	sub-total													
4.0	PAINTING WORKS													
4.1	BASEMENT FLOOR													
4.1.1	INTERIOR PAINTING (CONCRETE/MASONRY)													
4.1.1.1	Semi-Gloss Acrylic Latex Paint Finish (W-2)	sq.m	1,100.00											
4.1.2	CEILING PAINTING (STEEL DECK SLAB SOFFIT)													
4.1.2.1	EPOXY ENAMEL FINISH	sq.m	1,250.00											
	sub-total													
9.0	ELECTRICAL WORKS													
	BASEMENT FLOOR													
9.1	ROUGHING INS													
9.1.1	15mm ø IMC Pipe	ln.m	6,356.00											
9.1.2	15mm ø FMC Pipe	ln.m	266.00											
9.1.3	15mm ø FMC Connector	set	266.00											
9.2	WIRES AND CABLES													
9.2.1	Copper Wires, THWN-2/THHN, 3.5 sq.m	ln.m	18,905.00											
9.3	WIRING DEVICES													
9.3.1	Duplex C.O. (Grounding Type, 15A, 250V, 2P+G)	set	5.00											
9.3.2	Duplex C.O. (Grounding Type, GFCI, 15A, 250V, 2P+G)	set	7.00											
9.3.3	Duplex C.O. (Grounding Type, Metal Clad Type, 15A, 250V, 2P+G)	set	18.00											
9.3.4	Duplex C.O. (Grounding Type, Floor Mounted, 15A, 250V, 2P+G)	set	2.00											
9.3.5	Receptacle Outlet (Twistlock, 15A, 2P+G)	set	2.00											
9.3.6	Switch, 1 - Gang w/ plate and cover, wide series	set	6.00											
9.3.7	Switch, 2 - Gang w/ plate and cover, wide series	set	2.00											
9.3.8	Single Plate Switch Bank	set	1.00											
9.3.9	Square Box, 20cm x 20cm, G.I.	pcs	1.00											
9.3.10	Utility Box, G.I.	pcs	8.00											
9.3.11	Junction Box, G.I.	pcs	276.00											
9.3.12	Pull Box, G.I.	pcs	3.00											
9.4	LIGHTING FIXTURES													
9.4.1	2 x 20 W (1200mm) LED Fluorescent Lamp Surface Mounted, Vapor & Dust Proof	set	136.00											
9.4.2	2 x 20 W (1200mm) LED Fluorescent Lamp Surface Mounted, Vapor & Dust Proof Battery Packed	set	45.00											
9.4.3	1 x 18W LED Wall Mounted Vapor Tight Fixture Light	set	3.00											
9.4.4	1 x 18W LED in 150mm Dia Recessed Mounted Pinlight Fixture w/ Glass Cover	set	23.00											
9.4.5	8W Self-Contained, Maintained Exit Light C/W 2 Hours Battery Pack	set	3.00											
9.4.6	8W Directional Double Sided, Maintained Exit Light C/W 2 Hours Battery Pack	set	5.00											
9.4.7	1 x 18W LED in 150mm Dia Recessed Mounted Pinlight Fixture w/ Glass Cover Battery Packed	set	11.00											
9.5	PANELBOARDS/BREAKERS AND TRANSFORMERS													
9.5.1	LP-B1-01	set	1.00											

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	Main: 40AT/100AF, 3P, 400V													
	Branch:													
	36- 20AT/100AF,1P													
9.5.2	PP-B1-01	set	1.00											
	Main: 40AT/100AF, 3P, 400V													
	Branch:													
	24- 20AT/100AF,1P													
9.5.3	STEP-UP TRANSFORMER	set	1.00											
	20 kVA, 230V to 400V, 3-Phase,													
	60HZ Delta Wye Configuration, Copper Winding,													
	Dry Type													
	sub-total													
	TOTAL				-	-	-				-	-	-	-