

Section VIII. Bill of Quantities

"INSERT LETTERHEAD OF THE COMPANY"					
BILL OF QUANTITIES					
PROJECT TITLE: Construction of Additional Patients Comfort Room and Repair/Rehabilitation of Existing Patient's Comfort Room/Bathroom for the Crisis Intervention Wards of the ERCI Complex in compliance to FRAT.					
<i>Note: Unit Cost and Amount must be completely filled out.</i>					
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
1	GENERAL REQUIREMENTS				
	a. Mobilization	1.00	lot		
	b. Temporary facility	1.00	lot		
	c. 8' x 8' COA Billboard	1.00	pc.		
	d. 4' x 8' Project Tarpaulin	1.00	pc.		
	e. 1/2" Plywood	4.00	pc.		
	f. Lumber, Assorted	5.00	bd.ft		
	g. Common Wire Nails, Assorted	2.00	kg.		
	h. Safety Signages	1.00	lot		
SUB-TOTAL					
2	DEMOLITION WORKS				
	a. Demolition of Existing Walls and Other Partition including existing wall finishes	258.00	sq.m		
	b. Demolition of Existing floor slab and other floor finishes	237.00	sq.m		
	c. Demolition of Existing Ceiling Including Electrical Wirings and other Electronic Devices	120.00	sq.m		
SUB-TOTAL					
3	EARTH WORKS				
	a. Excavation (adobe soil)	125.00	cu.m		
	b. Gravel 3/4	8.00	cu.m		
	c. Soil Poisoning	160.00	sq.m		
	d. Backfilling	135.00	cu.m		
SUB-TOTAL					
4	CONCRETE WORKS				
	a. Concrete, 4500 psi	40.00	cu.m		
	b. Concrete, 3500 psi	10.00	cu.m		
	c. 16mm Ø Deformed Steel Bars. Gr. 60	5,050.00	kg		
	d. 10mm Ø Deformed Steel Bars. Gr. 40	3,200.00	kg		
	e. #16 G.I. Tie Wire	110.00	kg		
	f. Formworks	385.00	sq.m		
	g. Common Wire Nails, Assorted	6.00	kg.		
SUB-TOTAL					
5	MASONRY WORKS				
	a. 6" CHB	1,950.00	pc.		
	b. 4" CHB	2,400.00	pc.		
	c. #16 G.I. Tie Wire	30.00	kg.		
	d. Nylon String	5.00	roll		
	e. Concrete Nail, Assorted	16.00	kg.		
	f. Cement	220.00	bag		
	g. Sand	26.00	cu.m		
	h. 10mm Ø Deformed Steel Bars. Gr. 40	1,550.00	kg		
SUB-TOTAL					

6	TILE WORKS				
	a. 60cm x 60cm Non-skid Ceramic Floor Tiles	550.00	pc.		
	b. 60cm x 60cm Glazed Wall Tiles	1,200.00	pc.		
	c. Cement	55.00	bag		
	d. Tile Adhesive	42.00	bag		
	e. Tile Grout	14.00	bag		
	f. Diamond Cutting Disc	25.00	pc.		
	g. Sand	15.00	cu.m		
	h. Water Resistant and Dust Resist Grout Sealer with painting brush	25.00	pc.		
SUB-TOTAL					
7	CEILING WORKS				
	a. 4' x 8' x 4.5mm Thick Fiber Cement Board	70.00	pc.		
	b. 3/4 Black Screw	1,300.00	pc.		
	c. Wall Angle, 25mm x 25mm x 0.5mm, 3m	65.00	pc.		
	d. W-Clip	1,030.00	pc.		
	e. Hanger Rod, 10mm Diameter	85.00	pc.		
	f. Concrete Nail, Assorted	20.00	kg.		
	g. Drill Bit, Assorted	25.00	pc.		
	h. 19mm x 25mm x .40mm THK, 5m Double metal Furring	115.00	pc.		
	i. Blind Rivet, Assorted	20.00	box		
	j. 12mm x 38mm x .8mm THK Carrying Channel (5m)	86.00	pc.		
SUB-TOTAL					
8	SEPTIC TANK				
	a. 6" CHB	2,100.00	pc.		
	b. Sand	9.00	pc.		
	c. Cement	135.00	bags		
	d. 10mm Ø Deformed Steel Bars. Gr. 40	360.00	pc.		
	e. 6" PVC Pipe Series 1000 (3m)	3.00	pc.		
	f. 6" PVC Clean- Out Adapter & Plug	9.00	pc.		
	g. Cementitious Waterproofing	15.00	gal		
	h. PVC Tee 6"	21.00	pcs		
	i. Solvent	3.00	ltr		
	j. # 16 GI Tie Wire	15.00	kg		
	k. Formworks	125.00	sq.m		
SUB-TOTAL					
9	ROOFING SYSTEM WORKS AND OTHER STEEL WORKS AND OTHER STEEL WORKS				
A	Main Roofing				
	a. 250mm x 250mm x 16mm Thick MS Plate w/ 4-14mmØ Hole, A36	30.00	pc.		
	b. 12mmØ - 100mm Anchor Bolts, A307, Complete with Accessories	120.00	pc.		
	c. 2" x 6" x 6.0mm X 6m BI Tubular	20.00	pc.		
	e. 2" x 3" x 2mm GI C - Purlins	55.00	pc.		
	f. 2" x 6" x 1.5mm GI C - Purlins	17.00	pc.		
	g. 6mm Thick stiffener plates	20.00	kg		
	h. 0.5mm Thick GI Sheet Fascia Flashing, 18" x 8'	40.00	pc.		
	i. 0.5mm Thick GI Sheet RibType Roofing	115.00	lm		

	j. 0.5mm Thick GI Sheet End Wall Flashing, 30"x 8'	25.00	pc.		
	k. 10mm Thick Double Sided Insulation Foam	115.00	lm		
	l. Silicone Sealant	60.00	pc.		
	m. Welding Rod, assorted	100.00	kg		
	n. Elastomeric Roof Sealant, 1L	10.00	pc.		
	n. Polytuff w/ Hardener	7.00	pc.		
	o. Drill Bit, Assorted	80.00	pc.		
	p. Grinding Disc	60.00	pc.		
	q. Cutting Disc, 4"	32.00	pc.		
	r. Cut - Off Disc, 14"	12.00	pc.		
	s. Tek Srew 2 1/2"	750.00	pc.		
	t. Blind Rivets	25.00	box		
TOTAL (A)					
B	Other Steel Works				
	u. 50mm x 50mm x 1.2 mm, 6m tubular	65.00	pc.		
	v. 50mm x 50mm x 3 mm, 6m angle bar	48.00	pc.		
	w. 2" x 2" x 3/16" steel matting 4' x 8'	74.00	pc.		
	x. 12mm Ø x 100mm chemical bolt	340.00	pc.		
TOTAL (B)					
SUB-TOTAL					
10	ELECTRICAL SYSTEM WORKS				
	a. 2x18W Led Tube, Louverized, Complete with Accessories	29.00	set		
	b. THHN Wire #12 AWG (150m)	12.00	box		
	c. 3 Gang switch	2.00	set		
	d. 2 Gang switch	18.00	set		
	f. 40A Circuit Breaker bolt-on type	6.00	pcs		
	g. Panel board, 4-branch circuit	3.00	pc.		
	h. 5/8" Copper Weld Ground Rod (2.4 m rod), Complete set	3.00	pc.		
	i. 3/4" PVC Conduit Pipe (3m)	170.00	pc.		
	j. Junction Box	75.00	pc.		
	k. Utility Box	20.00	pc.		
	l. Electrical Tape	15.00	pc.		
	m. All purpose adhesive	15.00	pc.		
	n. 10" Ceiling Mounted exhaust fan	44.00	pc.		
SUB-TOTAL					
11	PLUMBING SYSTEM WORKS				
	a. 1/2" (inches) PPR Pipe PN 20	168.00	pc.		
	b. 1/2" (inches) PPR Coupling	100.00	pc.		
	c. 1/2" (inches) PPR Elbow	291.00	pc.		
	d. 1/2" (inches) PPR Tee	20.00	pc.		
	e. 1/2" (inches) PPR Elbow with Thread	80.00	pc.		
	f. 1/2" (inches) PPR Tee with Thread	15.00	pc.		
	g. 1/2" (inches) PPR Female Adaptor	20.00	pc.		
	h. 3/4" (inches) x 1/2" (inches) PPR Elbow Reducer	45.00	pc.		
	i. 3/4" (inches) PPR Elbow	90.00	pc.		
	j. 3/4" (inches) PPR Tee	42.00	pc.		
	k. 3/4" (inches) PPR Male Adaptor	100.00	pc.		
	l. 3/4" (inches) PPR Coupling	20.00	pc.		
	m. 3/4" (inches) PPR Pipe PN 20	29.00	pc.		
	n. 2" (inches) PVC Pipe series 600	32.00	pc.		
	o. 2" (inches) PVC Coupling	20.00	pc.		

p. 2" (inches) PVC Elbow Bend 45° DH	104.00	pc.		
q. 2" (inches) PVC Elbow Bend 90° DH	20.00	pc.		
r. 2" (inches) PVC P-Trap	46.00	pc.		
s. 2" (inches) PVC Wye	86.00	pc.		
t. 4" (inches) PVC Pipe Series 600	24.00	pc.		
u. 4" (inches) PVC Coupling	15.00	pc.		
v. 4" (inches) PVC Elbow Bend 45° DH	15.00	pc.		
w. 4" (inches) PVC Wye	5.00	pc.		
x. 4" (inches) x 2" (inches) PVC Wye	66.00	pc.		
y. 4" (inches) PVC Clean-Out Adapter and Plug	5.00	pc.		
z. 6" (inches) PVC Pipe Series 1000	21.00	pc.		
aa. 6" (inches) PVC Coupling	15.00	pc.		
ab. 6" (inches) PVC Elbow Bend 45°	15.00	pc.		
ac. 6" (inches) PVC Wye	7.00	pc.		
ad. 6" (inches) x 4" (inches) PVC Wye	25.00	pc.		
ae. 6" (inches) PVC Clean- Out Adapter & Plug	3.00	pc.		
af. 3/4" (inches) G.I. C-Clamp	120.00	pc.		
ag. 1/2" (inches) G.I. C-Clamp	100.00	pc.		
ah. Shut off valve, LP w/o Screw 3/4" (inches)	1.00	pc.		
ai. Solvent Cement 400cc	25.00	can		
aj. PPR Ball Valve, Pn 20 Series, 3/4" (inches)	42.00	pc.		
ak. Teflon Tape	25.00	pc.		
am. Floor Drain 4" (inches), stainless steel	36.00	pc.		
al. Angle valve 2 way 1/2" (inches) x 1/2" (inches)	3.00	pc.		
am. Angle valve Single way 1/2" (inches) x 1/2" (inches)	3.00	pc.		
an. Check Valve	3.00	pc.		
ao. High Grade Stainless Chrome Wall Mounted Faucet, Complete with Necessary Accessories.	31.00	pc.		
ap. High Grade Pail Flush Toilet, 535mm x 360mm x 368mm, screwed to floor slab, Complete with Necessary accessories.	19.00	pc.		
aq. Ligature Resistant (Chrome - Plated Brass), Wall Mounted Shower, Prison Grade, Complete with Necessary Accessories	17.00	pc.		

SUB-TOTAL

12 PAINTING WORKS				
a. Flat Latex, White, 16L	26.00	tin		
b. Semi-Gloss Latex, White, 16L	22.00	tin		
c. Skim Coat, 25 kg. bag	215.00	bag		
d. Acry-Color, Assorted	22.00	liters		
e. 4" Paint Brush	50.00	pc.		
f. 3" Paint Brush	50.00	pc.		
g. 2" Paint Brush	50.00	pc.		
h. 7" Roller Brush	50.00	pc.		
i. 4" Roller Brush	50.00	pc.		
j. Sand Paper, Assorted	75.00	doz.		
k. Stopa Rug	25.00	kg		

	l. Masking Tape	90.00	pc.		
	m. Paleta	50.00	pair		
	n. Epoxy Primer, Gray	5.00	gal		
	o. Paint Thinner	5.00	gal		
	p. QDE Black	5.00	gal		
	q. Lacquer Thinner	15.00	gal		
	SUB-TOTAL				
13	FABRICATED MATERIALS				
	a. (W-1) - 0.6m x 2.0m awning window (4 panels), with Series 38 Aluminum frame and 6mm THK tempered brown glass	12.00	pc.		
	b. (WSG-1) - 0.6m x 2.0m window security grills with 20mm x 40mm x 2.5mm tubular steel frame and 25mm x 25mm square bar steel grills	12.00	sets		
	c. 3/4 Phenolic board door with High Pressure Laminate sheets on both sides, two double-action hinges, and slide-bolt lock	36.00	pc.		
	d. 35mm Diameter x 1.4m Length 304 Stainless Steel PWD Grab Handle, Complete with Necessary Accessories	12.00	pc.		
	e. 35mm Diameter x 1.7m Length 304 Stainless Steel PWD Grab Handle, Complete with Necessary Accessories	6.00	pc.		
	f. 0.6m x 1.0m Fabricated Concrete (3000psi) Hand Washing Counter w/ 10mm Diameter DSB Grade 40 Reinforcement, Ceramic Tile Finishing, Complete with all necessary accessories	6.00	set		
	SUB-TOTAL				
14	MISCELLANEOUS				
	a. 16 Channel Surveillance Server/Network Video Recorder, 8TB, Complete with all necessary accessories	3.00	unit		
	b. UTP cable, CAT 6 Indoor, 24 AWG, HDPE(305 meters per box)	5.00	unit		
	c. Security Camera dome type, atleast 8MP, 30 IR Length, 2.8 Lens	24.00	unit		
	d. 32 inches LED Display with HDMI, VGA and USB LCD Monitor, Complete with necessary accessories and High Grade Mounting kits, Resolution at least 1920x1080	3.00	unit		
	e. HDMI Cable	35.00	lm		
	SUB-TOTAL				
15	PROVISIONAL ITEMS				
	a. Provisional Materials' Quantities	1.00	lot		
	b. Preparation of As-Built Plans	1.00	lot		
	c. Materials testing (Deformed bars and concrete)	1.00	lot		
	SUB-TOTAL				
15	CLEARING/GRUBBING/HAULING				
	a. Demobilization/Site Clearing	1.00	lot		

	b. Hauling of Demolished Materials	1.00	lot		
	c. Restoration of affected area	1.00	lot		
SUB-TOTAL					
TOTAL PROJECT COST					8,916,665.63

Submitted by:

Date: _____

Name and Signature of Bidders Authorized Representative

Position

Name of Bidder

Signature of Authorized Representative:
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