

Company contact details:

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Bill of Quantities						
SR #	Item	Description	Unit	Quantity	Unit Rate	Total
1	Excavation	Excavation in all types of Soil i.e. Sandy, Clayey, Rocky, Hard, average Soft, Wet or dry complete in all aspects and/or as directed by the Project Engineer	CFT	598.5		
2	3" thick Brick Ballast	Brick ballast of 1st class bricks properly compacted and filled with sand in the foundation after excavation	CFT	120		
3	3" thick PCC (1:4:8) in Foundation & drainage hole	PCC (Ratio 1:4:8) complete in all aspects and/or as directed by the Project Engineer	CFT	30.4		
4	Brick masonry in all walls, foundation, drainage hole and below plinth support	The rate of masonry includes Supplying, placing (CS 1:4), soaking in water (1st class bricks with compressive strength 2000 PSI), workmanship, mortar, placing the frog on top side scaffolds, Curing, fixing and all other required materials, equipment and tools to complete the work according to specifications and/or as directed by the Project Engineer	CFT	602.8		
5	Backfilling	Providing & laying backfilling of soil within layers of 6 inches, along with its compaction using water to make soil wet before compaction till dpc level	CFT	308		
6	DPC	Providing & laying P.C.C. 1:2:4 (1 Sulphate Resistant Cement, 2 Sand [free from salt & mud] and 4 Crushed Stone 1/2" as coarse aggregate) including leveling, vibrating, compacting & curing, including form-work and polythene sheet followed by 2 coats of hot bichumen on DPC, complete as per drawings and specification and/or as directed by the Project Engineer	SFT	38.3		
7	Mosaic flooring	Mosaic flooring with proper 1 inch of sloped with marble guiding lines. 1 1/2"(40 mm) thick conglomerate mosaic flooring, consisting of 1/2" mosaic topping of one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips, laid over 1"(25 mm) thick floor of 1:2:4 cement concrete provided in room floor, ramp top, and under drain grill in washing area including rubbing, grinding complete with polished finishing, complete in all aspects and/or as directed by the Project Engineer	SFT	175		
8	PCC 1:2:4 in Plinth Protection	Providing & laying P.C.C. 1:2:4 (1 Cement, 2 Sand [free from salt & mud] and 4 Crushed Stone 1/2" as coarse aggregate) including leveling, vibrating, compacting & curing, including form-work if any, complete as per drawings and specification and/or as directed by the Project Engineer	CFT	29.5		
9	RCC (1:2:4) in Roof Slab with 2" Projections on all sides	Providing & laying P.C.C. 1:2:4 (1 Cement, 2 Sand [free from salt & mud] and 4 Crushed Stone 1/2" as coarse aggregate) including leveling, vibrating, compacting & curing, including form-work if any, complete as per drawings and specification and/or as directed by the Project Engineer	CFT	156.9		
10	RCC (1:2:4) in room walls lintel 9" thick	Providing & laying R.C.C. 1:2:4 (1 Cement, 2 Sand [free from salt & mud] and 4 Crushed Stone 1/2" as coarse aggregate) including leveling, vibrating, compacting & curing, including form-work if any, complete as per drawings and specification and/or as directed by the Project Engineer	CFT	23.3		
11	RCC (1:2:4) in room and washing area floor	Providing & laying R.C.C. 1:2:4 (1 Cement, 2 Sand [free from salt & mud] and 4 Crushed Stone 1/2" as coarse aggregate) including leveling, vibrating, compacting & curing, including form-work if any, complete as per drawings and specification and/or as directed by the Project Engineer	CFT	36.9		
12	RCC (1:2:4) in Ramp	Providing & laying R.C.C. 1:2:4 (1 Cement, 2 Sand [free from salt & mud] and 4 Crushed Stone 1/2" as coarse aggregate) including leveling, vibrating, compacting & curing, including form-work if any, complete as per drawings and specification and/or as directed by the Project Engineer	CFT	15		
13	RCC (1:2:4) in Arial Beam on Brick Columns	Providing & laying R.C.C. 1:2:4 (1 Cement, 2 Sand [free from salt & mud] and 4 Crushed Stone 1/2" as coarse aggregate) including leveling, vibrating, compacting & curing, including form-work if any, complete as per drawings and specification and/or as directed by the Project Engineer	CFT	6.5		
14	RCC in drain hole cover	Providing & laying R.C.C. 1:2:4 (1 Cement, 2 Sand [free from salt & mud] and 4 Crushed Stone 1/2" as coarse aggregate) including leveling, vibrating, compacting & curing, including form-work if any, complete as per drawings and specification and/or as directed by the Project Engineer	CFT	0.6		

15	Steel Reinforcement	Fabrication of mild steel Grade-60 reinforcement for cement concrete used in roof, projections, lintel, plinth protection, ramp, projection and floor i/c cutting, bending and laying in position i/c cost of binding wire, shuttering and removal of rust from bars. (Deformed) complete in all aspects and/or as directed by the Project Engineer	Kg	677		
16	Plaster (Internal)	Plastering 1/2" thickness with 1:4 concrete mix (1 cement, 4 sand) on all internal and external surfaces of all sides complete as per drawing and specification and/or as directed by the Project Engineer	SFT	560		
17	Plaster (External)	Plastering 1/2" thickness with CS 1:4 concrete mix (1 cement, 4 sand) on all internal and external surfaces of all sides complete as per drawing and specification and/or as directed by the Project Engineer	SFT	968		
18	Ceramic tiles	Ceramic tiles of size 16" x 16" or 12" x 12" x 3/8" of Master/Times/Shabbir with bond for tile fixing, over 3/4" (20 mm) thick tile bond, 1:2 including tiles skirting of 4" on all walls of the room, cement washing and filling joints complete in all aspects and/or as directed by the Project Engineer. Joints inside the water chanal must be filled with silicon resin.	SFT	189		
19	Steel corner guard trims for tiles	Hairline and sandblasted steel angle corner trims for tile work (Bronze of gold color). Must be fixed with the tile work or as directed by the Project Engineer.	RFT	52		
20	PVC wall flashing	PVC-P sheet concealed in the 9" thick wall behind water collection platform.	SFT	20		
21	Roofing Treatment	Providing and laying single layer of sharp edged good quality Brick tiles having 9"4.5"1" with grouting in CS 1:4 laid over the roof for rain water drainage in a slope of 2" on the roof also applying 2 coat of hot bichumen over plastic sheet complete in all aspects and/or as directed by the Project Engineer	SFT	150		
22	Door	Steel Door double leaf size 4'x7' 18 gauge open inside and fixed in angle iron frame of 2.5"x2.5"x1.5/8", having smooth finishing and easy to open and close provided with double bracing on both sides also including 3 installation points along each side with manual lock system on both side and painting with enamel paints of approved brands like Dulux/Berger/Master/brighto/diamond complete in all aspects and/or as directed by the Project Engineer	SFT	28		
23	Window	Providing and fixing of steel window double leaf openable glazed comprising of 1/1/2"x1/5/8"x1/8" beams section for frame 3/4x1x1/8 Z section for leaves 1x1x1/8 T-sections with G.I wire guage 18 and guage size 3mmx3mm and complete iron leaves with mesh on in front complete having a column in the centre of both leaves for opening, lock and support. Painting 3 coats with enamel paints of approved brands like Dulux/Berger/Master/brighto/diamond complete in all aspects and/or as directed by the Project Engineer	SFT	16		
24	Vent	Providing and fixing of steel vent fixed glazed comprising of 1/1/2"x1/5/8"x1/8" beams section for frame 1x1x1/8 T-sections with G.I wire guage 20 and guage size 3mmx3mm and complete iron leave. Painting 3 coats with enamel paints of approved brands like Dulux/Berger/Master/brighto/diamond complete in all aspects and/or as directed by the Project Engineer	SFT	2		
25	Internal Paint with Dismtemper	Providing and applying 03 coats of Distemper paint of approved brands (Brighto, Master, Berger, Nippon etc). The cost includes scraping, sand paper with rubbing, smothing and preperation the surface along with use of ICI Dulux primer and ICI Dulux wall putty for surface preperation complete in all aspects and/or as directed by the Project Engineer	SFT	496		
26	Paint (External weather sheild)	Providing and applying 03 coats of weather shield paint of approved brands (Brighto, Master, Berger, Nippon etc). The cost includes scraping, sand paper with rubbing, smothing and preperation the surface along with use of ICI Dulux primer and ICI Dulux water proof wall putty for surface preperation complete in all aspects and/or as directed by the Project Engineer	SFT	691		
27	Visibility	P/F of 4'X3' board of steel guage 20, with MS pipe frame dia 1.5" SWG 18 and standing poles of same pipe and gagude, welded iron pieces 6 inches each at bottom of pole for anchoring in concrete and painting 2 coats of approved brands like Berger/Brighto/Master/Nippon and excavation for pipe and pouring PCC with ratio of 1:2:4 (Cement:sand:mortor). Height of the sign board is 8' along with 1' embedded inside the earth with concrete complete in all aspects and/or as directed by Project Engineer	Nos	1		
28	Floor drain grill	8" wide steel grill of guage 1/8" (1 sutar) in a seperate angle iron frame 1"x1" of guage 1/8" (1 sutar), painted with emulsion placed on the floor in the water collection area for the drainage purpose, it should be side pivot with angle iron frame, means openable from side. There will be two pieces each 5' of grill in washing area openable separately for cleaning purpose	SFT	6.7		

29	Side rail on the ramp	MS Iron railing of guage 16 including 2 coats of emulsion paint, with 3' heigh handrail on both sides of the ramp, Hand rails have dia of 2 inches, below hand rails there are 2 mid rails having dia of 1 inch each, all these rails are supported by Newel post of dia 3 inch and distance between each Newel post is 4'-6", each Newel post will be installed 8 to 10 inches below the ramp and properly covered with concrete ratio (1:2:4) as directed by the Project Engineer	RFT	20		
30	Front Grill	Providing and fixing of Iron grill of guage 20 SWG MS iron square pipe 3/4" x 3/4" and size 9'-6" x 7' as per approved design, having 2 double leaf 3'x7' ft doors on both ends with 2 hinged pipes of 4 inches on each side of the sheet for fixing in the column also preparing surface and painting 3 coats with enamel paints of approved brands like Dulux/Berger/Master/brighto/diamond and concrete P.C.C (1:2:4) to fix the hinges inside the columns as direcred by the Project Engineer	SFT	66.5		
Sub Total-Civil work						
Plumbing Items						
SR #	Item	Description	Unit	Quantity	Unit Rate	Total
31	Bore Hole digging	Drilling 6" dia bore in all types of soils / stratum	RFT	120		
32	End Cap	Providing and fixnig of end cap with 4" dia or end plug BSS class D	Nos	1		
33	Strainer Casing Pipe	Installation of 4" dia PVC Class B pipe as blind pipe and strainer pipe	RFT	70		
34	Blind Casing Pipe	Installation of 4" dia PVC Class B pipe as blind pipe and strainer pipe	RFT	50		
35	Filter media inside borehole	1/4-1/2 inches of white crushed stone mixed with cement placed at the bottom of boreholed	CFT	1		
36	Submersible pump	Supply and Installation of Submersible pump of 1.5 HP of Diamond/Faisal/CNP or equivalent along with suspension cable operating at 220 voltage with automatic switch complete accessories (including 7/36 power supply cable and suspenstion rope) in all respect	Nos	1		
37	Delivery pipe from submercible pump to top of the borehole	Supply and fixing with complete fitting HDPE pipe (1 inch dia) PN-20 2.4mm Wall Thickness : 0.295 Kg/meter Weight	RFT	120		
38	Automatic Float Switch System	Providing and connecting automatic float switch system of submersible pump with water tank including all accessories/ wire/ float to prevent overflow of the water from tank	Nos	1		
39	Water tanks	P/F 500 Gallon Capacity 5 layers LDPE food grade water storage tanks for raw and product water. The tanks must be from an approved brand as directed by the Project Engineer	Nos	2		
40	Water tanks Insulation around 500 Gallon water tank	1" thick thermapol sheet wrapped with duct tape and covering with PVC plastic cover	Nos	2		
41	Tap stand	Providing, fixing in wall and complete fittings of tap stand made with GI pipe (IIL-L), dia 2" and length 10 feet for tap stand with 05 Nos welded sockets (HE) dia 1/2" for taps and fixing 05 Nos SS taps dia 1/2" fixed in sockets on outer side. The pipe is provided with reducer sockets of 2"X1" on one end and stoper of dia 2" on the other, job included provision and fixing the tap stand including with CP Nozels 8 inches fixed between socket and taps complete fittings and fixing on site as per engineer's direction. Tap stand must be connected with product water tanks discharge	Job	1		
42	CP nipple	CP Steel Chrome Plated Extension Faucet/Tap Nipple (4-Inch and Silver colour)	Nos	5		
43	PPRC piping	PVC food grade pipes of good quality PN-20 like Popular/Master or euivalent for water distribution including from submersible pump to storage tanks, all PPRC fittings are concealled inside the walls before plastering				
	43a	1-1/4" dia (40 mm dia) PN-10 2.4mm Wall Thickness : 0.295 Kg/meter Weight	RFT	50		
	43b	(50 mm dia) PN-10 2.4mm Wall Thickness : 0.472 Kg/meter Weight)	RFT	20		
44	Gate valve	Providing and fixing gun metal peet/gate valve 50 mm dia (screwed):	Nos	2		
45	PVC pipes for drainage	All PVC drainage pipe must be concealed inside the floor with proper slopes. Drainage pipes must be connected to a 2'x2' brick draiange hole constructed outside the building. This arrangement should be made before the laying on RCC floor				
	45a	Providing and laying PVC pipe for rain harvesting of 4" dia BSS class-B SCH-26/SDR-41 wall thickness 1/8" complete in all aspects and/or as directed by the Project Engineer	RFT	26		
	45b	Providing and laying PVC pipe for drainage of 4" dia BSS class-B SCH-26/SDR-41 wall thickness 1/8" complete in all aspects and/or as directed by the Project Engineer	RFT	26		
46	Borehole Collar	Providing and laying PCC (1:2:4) 1.5' x 1.5' x 1.5' around the PCC for preventing from seepage	CFT	4.5		
47	GI Bore Hole Well Cover	Providing and fixing of bore hole collar Having Dia of 5 inch lock and openable and length of 3 ft	Job	1		
Sub Total-Plumbing Items						

Electric Installation						
SR #	Item	Description	Unit	Quantity	Unit Rate	Total
48	Conduit PVC fitting	Providing and fixing PVC Pipe for electric wiring recessed in wall complete in all aspects, all fittings are concealed inside the walls before plastering				
	48a	3/4" dia	RFT	100		
	48b	1" dia	RFT	50		
49	Copper conductor cable	Providing and fixing Single Core PVC Insulated Copper Conductor Cable of brands ZMS/Pakistan Cables/ green cables/ Copper gate complete in all aspects				
	49a	3 /0.029"	RFT	400		
	49b	7 /0.029"	RFT	250		
50	PVC 4 core	Providing and fixing PVC insulated, PVC sheathed 4 core of 7 /0.064" complete in all aspects	RFT	50		
51		Supply/Erection of				
	51a	Good quality witches 5 Amp	Nos	5		
	51b	3 pin, 5 AMP wall socket stone made	Nos	5		
	51c	Power plug of 10 to 15 Amp stone made	Nos	2		
	51d	Ceiling rose	Nos	2		
	51e	Button holder stone made	Nos	5		
52	LED blub and buld holders	Supply And Installation of LED Bulb 18 watt of approved brand as directed by the Project Engineer	Nos	5		
53	Switch board	China switch board of good quality with 5 buttons and including fan capacitor and 3 insurting plugs	Nos	1		
54	Ceiling fan	Supply and installation of ceiling Fan 56" sweep 100% Copper of approved brands as directed by the Project Engineer	Nos	1		
55	Circuit breaker	Providing and fixing main curcuit breaker of mccb 50 AMP including 4 circuit breakers of 32 AMP each as incoming having MS sheet box 18"x12"x6"	Nos	1		
56	Voltage Stabilizer	Providing and fixing Voltage stabilizer 10000 Watt of approved brands (Rimco , bestic, universal etc) with 100% copper and one year warranty connecting with the main circuit of the room- Fixing on the wall with angle iron frame	Nos	1		
Sub Total-Electric Installation						
Grand Total Cost of Construction Items and Labour including taxes						

* Alternative Packaging / Packaging Details / Technical specifications

Reductions		
If so, specify the conditions and the reduction percentage		
Product warranty		If yes, length (in months):
Availability		On order
Average delivery time (only for items not available from stock)		
Guarantee of price stability (In months)		
Preferred payment terms		Wire transfer
Payment terms		
Delivery capacity (Delivery place: Tehsil Jatoi, Muzaffargarh City)		
Delivery charges (If yes, specify the amount of the delivery costs (in PKR per delivery))		

Signature and stamp