

**CONSTRUCTION OF PUMPING CHAMBER/ CHOWKIDAR HUT AT
KHANASPUR STADIUM**

BILL OF QUANT ITY.

Estimated Cost **Rs.1.654 (M)**
E/ Money **Rs.33100/-**
Time Limit **12 Months**

S.#	Description	Unit	Rate	Qty:	Amount
1	Excavation in foundation of building, bridges etc complete : in sand, ashes or loose soil	M3	163.9	15.31	Rs.2,509/-
2	Cement Concrete (brick/stone ballast, 1.5" to 2"/nullah shingle well graded and cleaned) in foundation & plinth (Ratio 1:4:8)	M3	4663.21	1.53	Rs.7,135/-
3	Random rubble masonry in foundn. & plinth in cement, sand mortar : Ratio 1:6	M3	6683.45	15.05	Rs.100,586/-
4	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:2:4).	M3	9,203.68	2.45	Rs.22,549/-
5	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	Tonne	141,789.80	0.31	Rs.44,380/-
6	1st class brick work in ground floor Cement, sand mortar 1:4	M3	9,886.18	32.21	Rs.318,434/-
7	RCC in roof lintle, beam, column & other structural members, insitu or precast. (1:2:4).	M3	9,203.68	0.25	Rs.2,301/-
9	Cement plaster 1:4 upto 20' height 3/8" thick	M2	273.04	182.04	Rs.49,704/-
10	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	M3	6004.18	3.23	Rs.19,394/-
11	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4).	M3	7783.07	3.23	Rs.25,139/-
12	Flat sheet roof with GI plain sheets, including batten rolls, screws, clips etc : 24 BWG.	M2	2,279.41	34.72	Rs.79,141/-
13	Plain GI sheet ridging including fixture complete 9" lap & 24" overall, of 24 gauge GI sheet ridging	M2	2,599.17	10.36	Rs.26,927/-
14	Fabrication of heavy steel work with angle, tees, sheet iron etc for making trusses, girders etc	Tonne	142,665.50	0.87	Rs.124,119/-
15	Small iron work, such as gusset plates, knees, bends, stirrups, straps, rings etc excluding erection	Tonne	196,130.00	0.53	Rs.103,949/-
16	Erection and fitting in position iron trusses, staging of water tanks, etc	Tonne	10,499.66	1.40	Rs.14,700/-
17	Make & fix deodar planking in eave boards etc planed on both sides complete : 1/2" thick.	M2	4023.16	6.1	Rs.24,541/-

18	Deodar wood dado or picture rail 3"x1.5" as per approved design, including moulding etc. complete	M	2195.6	47.24	Rs.103,720/-
19	Provide & fix deodar wood almirah 9"-12" depth With shelves, shutters etc with boxing & back	M2	13976.23	4.46	Rs.62,334/-
20	Providing and fixing steel grated doors, complete with locking arrangement, angle iron frame 2"x2"x3/8" and 1" square bars 4" center to center.	M2	16,509.46	7.16	Rs.118,208/-
21	Providing and Fixing steel windows 18 gauge with openable glazed panels With 22 SWG wire gauze :	M2	11,826.19	3.67	Rs.43,402/-
22	Providing and fixing sliding bolt to doors Brass sliding bolts : 12" long.	No	1,593.04	10.00	Rs.15,930/-
23	Laying 1/2" thick deodar wood ceiling complete, including sawing, planing & fixing.	M2	3,487.24	31.11	Rs.108,488/-
24	Distempering New surface : Three coats.	M2	98.40	130.11	Rs.12,803/-
25	Prepare & Paint new corrugated surface, pent roofing etc : Priming coat.	M2	279.1	17.19	Rs.4,798/-
26	Providing and Fixing white glazed earthenware WC squatting type with separate foot rests, complete in all respects.	No	1974.07	1	Rs.1,974/-
27	Providing and Fixing glazed earthen ware wash hand basin (WHB) complete size 56x40 cm (22"x16"), including bracket set, waste coupling, complete in all respects: Coloured without pedestal. (Normal Quality).	No	3417.03	1	Rs.3,417/-
28	Providing and Fixing glazed earthen ware sink (60x 45 cm) 24"x15" including set of bracket set, waste pipe and waste coupling.	No	3330.35	1	Rs.3,330/-
29	Providing and Fixing glazed earthen ware low down flushing cistern 3 gallons (13.63 Liters) capacity including bracket set, copper connection, etc. complete in all respects: White	No	3,179.28	1.00	Rs.3,179/-
30	Providing and fixing best quality looking glass 5 mm thick neatly fitted on masonry wall etc. as per instruction of Engineer In-charge complete. Mirror 60 x 45 cm (24"x18") size	No	2,472.67	1.00	Rs.2,473/-
31	Providing and Fixing CP (chromium plated) toilet paper holder complete	No	789.67	1.00	Rs.790/-
32	Providing and fixing glazed earthenware soap dish complete: Coloured. .	No	514.58	1.00	Rs.515/-

33	Providing and fixing best quality 5mm glass shelf (60 x 13) cm 24"x5" complete: Without chromium plated brackets & railing.	No	652.76	1.000	Rs.653/-
34	Providing and fixing chromium plated CP stop-cock, heavy type : 2 cm (3/4").	No	898.77	1	Rs.899/-
35	Providing and fixing chromium plated (CP) bib-cock heavy duty of approved quality : 2 cm 3/4".	No	1539.29	1	Rs.1,539/-
36	Providing and Fixing GI pipe & including specials complete: 1/2" dia (light).	M	337.21	42	Rs.14,163/-
37	Septic Tank (int.Size: 7'x2'x5') complete.	No	18,784.97	1.00	Rs.18,785/-
38	Soakage Pit (6'dia x 15' deep) complete.	No	16,886.30	1.00	Rs.16,886/-
39	Providing and Fixing 3" thick RCC manhole cover, 22" dia with tee shaped CI frame of 20" clear i/d complete.	No	7,981.69	1.00	Rs.7,982/-
40	Making connection with the existing system PVC pipe line including cutting the pipe for providing & fixing required fittings : Class B PVC TEES 4" dia.	M	434.04	19.71	Rs.8,555/-
41	Providing and fixing Fibre Glass , corrosion resistant, UV stablized WaterTank : 300 gallons.	No	12,279.00	2.00	Rs.24,558/-
42	Wiring of light/fan/call-bell point in 3/0.029 PVC insulated bare cable in PVC pipe recessed.	No	1088.31	16	Rs.17,413/-
43	Wiring of 2/3-pin 5-Amp. plug point in 3/0.029 PVC insulated bare cable in PVC pipe recessed.	No	528.87	10	Rs.5,289/-
44	Supply and Fixing Asia porcelin power plug 30 Amp.	No	684.75	4	Rs.2,739/-
45	Supply and Erection twin core PVC insulated & sheathed copper conductor 250/440 V grade cable : 7/0.029	M	222.62	30.00	Rs.6,679/-
	ii: 7/044	M	681.60	15.00	Rs.10,224/-
46	Energy Saviour (NSI)	No	220.00	7.00	Rs.1,540/-
47	Supply and Erection transpower auto circuit breaker 3-phase, 400V fungus moisture proofing : 60 Amp i: 6 Amp	No	4,053.50	1.00	Rs.4,054/-
48	Supply and Erection iron/aluminium clad 500 volts main switch Double Pole : 60/65 Amp.	No	1,495.17	1.000	Rs.1,495/-
49	Supply and Erection best quality exhaust fan complete with shutter & regulator : 12"sweep.	No	2417.5	2	Rs.4,835/-
50	Making hole in wall with necessary masonry work for exhaust fan any size complete.	No	220.5	2	Rs.441/-

51	Supply and Erection of bracket of channel 3" X 1 1/2" X 1/4" section 2' long for 2 lines.	No	362.93	3	Rs.1,089/-
52	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 3/4" i/d.	M	225.85	20.00	Rs.4,517/-
TOTAL				=	Rs.1,605,202/-
Add 3% cost factor				=	Rs.48,156/-
TOTAL				=	Rs.1,653,358/-

Note: All unforeseen items which are not mentioned in this BOQ will be paid to contractor on their existing quoted premium on MRS-2020

I Offer My Premium _____% Below/Above/ At Par On Schedule Items.

I Offer My Premium _____% Below/Above/ At Par On Non Schedule Items.

SIGNATURE OF THE CONTRACTOR: