

BILL OF QUANTITIES (BOQ)					
Details Estimate For the Special Repair Of Circular Well and Construction of soakpit at Ward No. -09 Near Abodh sah House ,N P -Haveli Kharagpur, Munger					
Block	H. Kharagpur	District:	Munger		
Sl. SOR No. No.	Description of Items	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1 BCD 15.7.4	Demolishing brick work including stacking of serviceable material and disposal of unserviceable material within 50 meters lead: In cement mortar	M <sup>3</sup>	0.662	823.70	545.00
2 BCD 2.25	Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.	KL	8.831	107.20	947.00
3 BCD 2.6	Earth work in excavation over areas ( exceeding 30 cm in depth. 1.5 m in width as well es 10 sqm on plan) including disposal of excavated earth , lead upto 50 m and lift upto 1.5 m; disposed earth to be levelled and neatly dressed.	M <sup>3</sup>	5.299	314.90	1669.00
4 WRD 5.1.34.1	Extra for earth work ordinary or hard soil vide classification of soil item A and B of each subsequent lift up to 2.0m over the initial lift of 1.5m as per specification and direction of E/I	M <sup>3</sup>	42.392	12.90	547.00
5 BCD 14.78	Cleaning of under ground sump, Over Head R.C.C. Tank ( independent staging) including disposal of slit and rubbish, all as per direction of Engineer-in-Charge. The cleaning shall consist following operations:- (i) Tank shall be emptied of water by pumping & bottom shall be cleaned of slit and other deposits. (ii) Entire surface area of the sump shall then scrubbed thoroughly with wire brush etc. and pressure washed with water. (iii) Chlorination of RCC internal surface by liquid chlorine. (iv) The treated surface shall be dried using air jetting and all loose particles shall be removal from the surface. (v) Finally the surface shall be treated with ultraviolet radiation etc. as per direction of Engineer-in-Charge.	sqm	47.1	41.40	1950.00
6 BCD 13.56.1	Pointing on brick work with cement mortar 1:3(1 cement:3 coarse sand): Flush pointing	cum	9.42	109.00	1027.00

7 BCD 6.1.12/A	Brick work with bricks of class designation 100A in foundations and plinth in Cement mortar 1 : 4 (1 cement: 4 coarse sand )	M <sup>3</sup>	3.766	5017.90	18897.00
8 BCD 11.72	Brick Flat Soiling -do-all comp. job as per direction of E/I.		12.434	283.30	3523.00
9 BCD 11.3.1	Cement concrete flooring 1:2:4(1 cement:2 coarse:sand:4 graded stone agregate) finished with a floating coat of neat cement including cement slurry, etc. but excluding the cost of nosing of steps etc. complete	M <sup>3</sup>	12.434	289.10	3595.00
10 BCD 5.2.2	Reinforced cement concrete work in wall (any thickness), cluding attached pilasters, buttresses, plinth and string 1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size) courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. upt floor five level excluding cost of centring, shuttering, finishin and reinforcement.	M <sup>3</sup>	0.481	5670.00	2727.00
11 BCD 5.22.7A	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete. Thermo-Mechanically Treated bars TMTC-500-10mm dia	KG	40.885	94.50	3864.00
12 BCD 13.17.2	12 mm cement plaster 1:4( 1 cement: 4coarse sand) finished with a floating coat of near cement	sqm	31.951	192.20	6141.00
13	Add for excavation of extra siltation (up to 5.0m) -do- all comp as per direction of E/I	M <sup>3</sup>	3.533	339.05	1198.00
14	Add for unseen item occurs during cleaning work		1	2000.00	2000.00
15	Providing pully, rope (18 Mtr) and MS Bucket		1	2000.00	2000.00
16	Providing and fixing MS Grill of require pettern in fram etc with flat square of round bars etc all complete job		1	5000.00	5000.00
	Soakpit				
17 2.8.1	Excavation of earth work in foundation tredches --- do ---- all complete job		5.08	360.70	1832.00



18 24.1.1.1	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer -in-charge, upto 90 metre depth below ground level.300 mm dia		3.00	486.80	1460.00
19 11.72A	Providing 100 A Bricks Class Designation Flat Soling ... Do ... All Complete Job.		0.72	283.30	205.00
20 4.1.3	Providing Plain Cement Concrete 1:2:4 With Nominal size of aggregate in foundation of drain ... do ... all Complete job		0.072	3998.10	289.00
21 6.1.12A	Providing 100A designation bricks for brick work with cement Motor 1 :4 ..... do ... In foundation upto plinth Level		1.3	5017.90	6523.00
22 13.11.4+1 3.26	12 mm Cement Plaster with cement mortar 1:4 neat cement Punning .... Do ..... All Complete Job		1.8	182.00	328.00
23 5.1.3	Providing Reinforced Cement concrete 1:1.5:3 with nominal size of aggregate in drain cover ..... do ..... All complete job.		0.5	4232.40	2096.00
24 5.22.7B	Providing S/F/F Reinforcement .....do All Complete Job.		44.58	92.60	4128.00
25 0362	Cost of 1 cum of Bricks Bats		1.61	1032.00	1657.00
26	Providing cost of 110 mm dia UPVC Pipe 3 mtr		3	125.65	377.00
27	110 mm dia band other Materials		1	800.00	800.00
28	Carriage of materials-				
(i)	Bricks lead (7 + 1) km	%o	3327.000	866.46	2883.00
(ii)	Coarse sand lead (45+1) km	M <sup>3</sup>	2.574	1207.40	3108.00
(iii)	Stone Chips (126+1) km	M <sup>3</sup>	1.367	2129.25	2911.00
(iv)	Cement lead 1 km	mt	1.331	659.47	877.00
(v)	Local Sand (2+1) km	M <sup>3</sup>	0.1975	267.82	53.00
(vi)	Steel (1 Km)	mt	0.08549	659.47	56.00
29	Difference cost of materials				
(i)	Bricks	%0	3327.000	421.25	1401.00
(ii)	Cement	mt	1.331	-76.83	-102.00
(iii)	Steel	kg	85.48500	-8.19	-700.000

30	Add Signboard & Photography		1.00	2500.000	2500.00
	Total			=	88312.00
31	Add 5.36% additional GST				4734.00
32	Add SEIGNIORAGE FEE 10% ON BASIC COST OF MINES MATERIALS				
(i)	Brick	No	3327.00	517.000	1720.00
(ii)	Coarse Sand	M <sup>3</sup>	2.574	17.580	45.00
(iii)	Stone Chips	M <sup>3</sup>	1.367	59.540	81.00
(iv)	Local sand	M <sup>3</sup>	0.198	14.190	3.00
			Total Amount		94895.00

BOD Approved for S.C. NO. ① to ③② for Rs 94,895.00/- (Rupees Ninety Four Thousand Eight Hundred Ninety-five) Only.

*Y. N. Sahy*  
24.05.24  
कार्यपालक अभियंता  
नगर विकास प्रमंडल  
मुंगेर-जमुई, जमुई