

Mokama Nagar Parshad

Bill of Quantity

Name of Work :- Construction of Paver path , RCC Drain & Protection wall in ward no 18 from Prabhu Mahto house to Ashok chaudhary , Kallash Shaw & Deepak Paswan House

Sl.N o.	S.O.R code	Work Description	Qty.(cum)	unit	Rate	Amount
RCC DRAIN						
1	2.8	Earth work in excavation in foundation trenches or drains(not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m . including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soils				
			26.01	cum	Rs 360.70	Rs 9,381.81
2	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete				
			27.61	cum	Rs 287.30	Rs 7,932.35
3	11.72	Providing designation 100 A one brick flat soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I				
			181.16	sqm	Rs 283.30	Rs 51,322.63
4	5.1.2	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of Centring,shuttering,finishing and reinforcement-All work upto plinth level 1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20 mm nominal size)				
			101.23	cum	Rs 4,688.30	Rs 474,596.61
5	5.9.1	Centring and shuttering including strutting,propping etc. and removal of form for Foundations, footings, bases of columns etc. for mass concrete.				
			845.39	sqm	Rs 211.60	Rs 178,884.52

Rohit Kumar
5/7/25



6	5.22.7B	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.				
			7086.10	kg	Rs 92.60	Rs 656,172.86
7	10.32.1	Steel work welded in built up sections/framed work including cutting hoisting, rixing in position and applying a priming coat of approved steel primer using structural steel, etc. as required. In gratings, frames, guard bar, ladders, railings, brackts. gates & similar works.				
			1075.00	kg	Rs 104.00	Rs 111,800.00
PAVER BLOCK						
8	15.2.1	Demolishing cement concrete including disposal of material within 50 metre lead: 1:3:6 or richer mix				
			14.16	cum	Rs 970.90	Rs 13,747.94
9	2.3	Banking excavated earth in layers not exceeding 20 cm in depth, breaking clods, watering .rolling each layer with 1/2 tonne roller, or wooden or steel rammers, and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up ; in embankments for roads, flood banks, marginal banks, and guide banks etc . lead upto 50 m and lift upto 1.5 m All Kinds of soil				
			115.04	cum	Rs 224.00	Rs 25,768.96
10	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete				
			23.01	cum	Rs 287.30	Rs 6,610.77
11	11.79.1	Providing and laying factory made chamfered edge Cement Concrete paver blocks of required strength,thickness & size/shape, made by table vibratory method , to attain superior smooth finish using PU or equivalent moulds, laid in required Grey colour & ...specifications & direction of Engineer -in-Charge: (a)80 mm thick c.c. paver block of M-35 grade with approved colour design and pattern.				
			150.96	sqm	Rs 956.40	Rs 144,378.14

Rohit Kumar
5/12/25

12	16.78.2	Construction of granular sub-base by providing close graded Material conforming to specifications, mixing in a mechanical mix plant at OMC, carriage of mixed material by tippers to work site, for all leads & lifts, spreading in uniform layers of specified thickness with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge. With material conforming to Grade-II (size range 53 mm to 0.075 mm) having CBR Value-25	450.00	sqm	Rs 956.40	Rs 144,378.14
			23.01	cum	Rs 1,239.40	Rs 28,515.37
PROTECTION WALL						
13	2.8.1	Earth work in excavation in foundation trenches or drains(not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m . including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soils	7.93	cum	Rs 360.70	Rs 2,860.35
14	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete	5.29	cum	Rs 287.30	Rs 1,519.82
15	11.72	Providing designation 100 A one brick flat soling joints filled with local sqm 285.20 sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I	34.70	sqm	Rs 283.30	Rs 9,830.51
16	5.1.2	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of Centring,shuttering,finishing and reinforcement-All work upto plinth level 1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20 mm nominal size)	30.42	cum	Rs 4,688.30	Rs 142,618.09
16	5.9.1	Centring and shuttering including strutting,propping etc. and removal of form for Foundations, footings, bases of columns etc. for mass concrete.				


Rohit Kumar
5/8/25



17	5.22.7B	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.	146.67	sqm	Rs 211.60	Rs 31,035.37
18	6.1.12 /1	Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1 :4 (1 cement: 4 coarse sand)	2737.80	kg	Rs 92.60	Rs 253,520.28
		Total	24.20	cum	Rs 5,017.90	Rs 121,433.18
19	13.11.2	Cement plaster in course sand 12 mm cement plaster of mix: 1:4(1 cement :4 coarse sand)				
			125.42	sqm	Rs 152.90	Rs 19,176.72
20		Carriage of materials				
i		Earth(3km lead)	115.04	cum	Rs 310.14	Rs 35,678.51
ii		Local Sand(lead 3km)	68.96	cum	Rs 310.14	Rs 21,387.25
iii		Coarse Sand	62.44	cum	Rs 1,322.62	Rs 82,584.39
iv		Brick(lead 8km)+Bricks Bats	18916.07	per th	Rs 918.24	Rs 17,369.49
v		Stone Chips	111.90	cum	Rs 2,938.00	Rs 328,762.20
vi		Disposal(3 km)	32.14	cum	Rs 310.14	Rs 9,967.90
vii		Cement+Steel(lead 2km)	64.79	MT	Rs 0.00	Rs 0.00
viii		Paver Block(6 km)	4872.99	per th	Rs 918.23	Rs 4,474.53
ix		GSB	24.97	cum	Rs 1,194.92	Rs 29,837.15
21		Difference of cost				
i		Cement	54.97	MT	Rs 267.59	Rs 14,709.42
ii		Bricks	18916.07	per th	Rs 275.54	Rs 5,212.13
22		Add cost of Signboard	1.00	each	Rs 4,000.00	Rs 4,000.00
23		Seigniorage of material				
i(6501)		Local sand	68.96	cum	14.185	Rs 978.20
ii(0982A)		Coarse sand	62.44	cum	17.58	Rs 1,097.70
iii(295)		Stone chips	111.90	cum	91.35	Rs 10,222.07
iv(2602G)		Bricks	18916.07	per th	506.00	Rs 9,571.53
v(811)		Earth	115.04	cum	16.5	Rs 1.90
Sub Total cost						Rs 2,866,960.65
Add 6% for GST increase(factor 0.05357)						₹153,587.18
Total cost with GST and Seigniorage						₹3,020,547.8
SAY (in Rs)						₹3,020,600.00

Rehik Kumar
518125
Junior Engineer
Mokama N.P


Assistant Engineer
Mokama N.P


Executive Engineer
NVP, Patna east

BQ approved for Rs 3020600.00 [Thirty lakh, twenty thousand, six hundred rupees only]

