

BILL OF QUANTITY

योजना का नाम- नगर पंचायत खुशरूपुर वार्ड नं०-4 में बालेश्वर सर के घर के आगे से रेलवे हन्टर तक नाला एवं पेभर ब्लॉक का निर्माण कार्य ।

Sr.No.	Ref. No. Of SOR	Item of Work	Quantity	Unit	Rate (Rs. Per Unit)	Amount (Rs.)
		Hume Pipe Drain				
1	2.8.1 Bcd	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 within a lead of 50 m : All Kinds of soil all complete as per building specifications and direction of E/I.				
			81.08	m ³	360.70	29246.00
2	2.28. Bcd	Supplying and filling in plinth with local sand and under floors including watering, ramming consolidating and dressing all complete job as per specification and direction of Engineer-in-Charge.				
			13.10	m ³	287.30	3764.00
3	11.72.	Providing designation 100 A one brick flat soling joints filled with local sand including cost of watering taxes. Royalty all complete job as per building specification and direction of Engineer-in-Charge..				
			85.98	m ²	283.30	24358.00
4	4.1.3	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering all work upto plinth level : 1:2:4 (1 cement : 2 Coarse Sand : 4 Grade Stone Aggregate 20 mm nominal size) etc. all complete as per building specifications and direction of E/I.				
			2.91	m ³	3998.10	11634.00
5	19.35.1 Bcd	Providing and laying Non Pressure NP-3 class (Medium duty) R.C.C. Pipes including collars/ spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete job as per building specifications and direction of E/I. 450 mm dia RCC Pipes				

			64.00	m	2167.10	138694.00
6	5.1.2 Bcd	Providing and fixing precast reinforced cement concrete work in string courses, bands, copings, bed plates, anchor blocks, plain window sills and the like, including the cost of required centering, shuttering but excluding cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) etc. all complete as per building specifications and direction of E/I.				
			2.48	m³	4688.30	11627.00
7	5.22.7B Bcd	Providing Reinforcement for R.C.C. work including straightening, cutting bending, placing in position and binding all complete. Thermo-Mechanically Treated bars (TMTC-415) 10 mm dia etc. all complete as per specification and direction of E/I.				
			223.20	Kg	92.60	20668.00
8	6.1.12A Bcd	Providing Brick work with bricks of class designation 100 A in foundations and plinth with clean coarse sand in : Cement mortar 1:4 (1 cement : 4 coarse sand) all complete as per building specifications and direction of E/I.				
			10.86	m³	5017.90	54494.00
9	13.11.2 Bcd	Providing cement plaster in coarse sand 12 mm cement plaster mix 1:4 (1 cement : 4 coarse sand) etc. all complete as per building specifications and direction of E/I.				
			42.92	m²	152.90	6562.00
10	13.26. Bcd	Providing 1.5 mm thick Neat cement punning including curing, royalty and taxes etc. all complete as per building specifications and direction of E/I.				
		Qty. vide item no.- 9	42.92	m²	40.50	1738.00
11	5.9.1 Bcd	Providing centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of column etc. for mass concrete etc. all complete as per building complete as per building specifications and direction of E/I.				
			4.43	m²	211.60	937.00

12	2.26. Bcd	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth consolidating each deposited layer by ramming and watering lead etc. all complete as per building specifications and direction of E/I.				
		Qty. vide item no.2 of 50%	40.54	m³	123.90	5023.00
		Paver Block				
13	3.16 Rcd	Embankment Construction with Material Obtained from Borrow Pits (Construction of embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of table 300-2) as per specification and direction of E/I.				
			112.57	m³	240.49	27072.00
14	2.28. Bcd	Supplying and filling in plinth with local sand and under floors including watering, ramming consolidating and dressing all complete job as per specification and direction of Engineer-in-Charge.				
			18.76	m³	287.30	5390.00
15	16.78.3 Bcd	Construction of granular sub-base by providing closed grade 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, prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specification and direction of Engineer-in-charge.: With material conforming to Grade-III (size range 26.5 mm to 0.075 mm) having CBR Value-20 specification and direction of E/I.				
			18.76	m³	1270.00	23825.00
16	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 & pattern over 50mm thick				

	(a)	Coloured	36.94	m³	956.40	35329.00
17	11.79.2	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				
	(b)	White	86.19	m²	906.10	78097.00
Protection Wall						
		Length				
18	20.3A.1	Making 25 cm (10") dia bore up to 4 mtr depth below ground with hand auger of approved quality in ordinary soil (vide classification of soil item A) true to plumb and without eccentricity in any stage of operation and disposal of the - excavated earth up to 50 mtr, Lead including all lifts ,all complete as per approved design and direction of E/I				
			57.93	m	0.00	0.00
19	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.				
			3.07	m³	444.80	1366.00
20	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.				
			2.05	m³	906.10	1858.00
21	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,				
			13.44	m²	1090.40	14655.00
22	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)				
			24.16	m³	176.40	4262.00

23	5.22.7B Bcd	Providing Reinforcement for R.C.C. work including straightening, cutting bending, placing in position and binding all complete. Thermo-Mechanically Treated bars (TMTC-415) 10 mm dia etc. all complete as per specification and direction of E/I.				
			2174.40	Kg	92.60	201349.00
24	5.9.1	Centring and shuttering including strutting,propping etc. and removal of form for.Suspended floors, roots, landings, balconies and access platform.				
			172.61	m ²	38.60	6663.00
25		Carriage of Materials				
	(i)	Coarse sand	15.784	m ³	1284.76	20279.00
	(ii)	Stone aggregate	49.201	m ³	1616.94	79555.00
	(iii)	Local sand	39.653	m ³	315.77	12521.00
	(vi)	Bricks /Paver-	16.254	0/00	934.90	15196.00
	(vii)	Earth Filling -	112.570	m ³	61.85	6962.00
	(viii)	Hume Pipe -	64.00	m	54.70	3501.00
	(ix)	Disposal of Materials	0.00	m ³	91.30	0.00
26		Extra cost of Materials				
	(i)	Extra cost for Brick -	16.254	0/00	273.29	4442.00
	(ii)	Extra cost for Cement -	12.288	MT	265.41	3261.00
27		Seigniorage Fee				
	(i)	Coarse sand	15.784	m ³	17.58	277.00
	(ii)	Stone aggregate	49.201	m ³	62.66	3083.00
	(iii)	Local sand	39.653	m ³	14.19	563.00
	(iv)	Earth Filling -	112.570	m ³	3.00	338.00
					Total Rs.	858589.00
		Add 5.36 % For GST			Rs	46020.00
		Add 1 % Contingency			Rs	8586.00
					Rs	913195.00
					Say Rs.	913200.00

Rs- 904609/-

Ravi Ranjan
05-06-26

Junior Engineer
Nagar Vikas Pramandal
Patna East

Amit Kumar
06/06/26

Assistant Engineer
Nagar Vikas Pramandal
Patna East

BOB is approved from Serial No.-01 to 27
for Rs- 904609/- (Nine lakh Four thousand
Six hundred Nine rupees only)

Amit Kumar
06/06/26
A.E.

Ravi Ranjan
06/06/26