

**BILL OF QUANTITY**

योजना का नाम— नगर पंचायत खुशरूपुर वार्ड नं०-10 में शैलेश जी के घर से प्रमोद सर के घर तक मिट्टी भराई आर०सी०सी नाला एवं पेभर ब्लाक का निर्माण कार्य ।

Sr.No.	Ref. No. Of SOR	Item of Work	Quantity	Unit	Rate (Rs. Per Unit)	Amount (Rs.)
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.				
			63.72	m <sup>3</sup>	360.70	22984.00
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 E/I.				
			10.62	m <sup>3</sup>	287.30	3051.00
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..				
			69.70	m <sup>2</sup>	283.30	19746.00
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.				
			7.01	m <sup>3</sup>	3998.10	28027.00
5	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.				
			35.40	m <sup>3</sup>	4688.30	165966.00

6	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.				
			3186.00	Kg	92.60	295024.00
7	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 specifications and direction of E/I.				
			232.34	m²	211.60	49163.00
8	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%	31.86	m³	123.90	3947.00
		Paver Block				
9	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.				
			42.48	m³	287.32	12205.00
10	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 E/I.				
			21.24	m³	287.30	6102.00
11	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-20specification and direction of E/I.				

12	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	21.24	m <sup>2</sup>	444.80	9448.00
	(a)	Coloured	33.46	m <sup>3</sup>	956.40	32001.00
13	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	78.07	m <sup>2</sup>	906.10	70739.00
Protection Wall						
		Length				
14	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 in eluding all lifts ,all complete as per approved design and direction of E/I				
			97.56	m	178.30	17395.00
15	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.				
			6.47	m <sup>3</sup>	360.70	2334.00
16	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.				
			4.31	m <sup>3</sup>	287.30	1238.00

17	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,				
			28.29	m²	283.30	8015.00
18	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)				
			50.86	m³	4688.30	238447.00
19	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.				
			4577.40	Kg	92.60	423867.00
20	5.9.1	Centring and shuttering including strutting, propping etc. and removal of form for. Suspended floors, roofs, landings, balconies and access platform.				
			363.39	m²	211.60	76893.00
21		Carriage of Materials				
	(i)	Coarse sand	41.972	m³	1284.76	53924.00
	(ii)	Stone aggregate	106.732	m³	1616.94	172579.00
	(iii)	Local sand	38.592	m³	315.77	12186.00
	(vi)	Bricks -	4.649	0/00	934.90	4346.00
	(vii)	Earth Filling -	42.480	m³	61.85	2627.00
	(viii)	Hume Pipe -	0.00	m	54.70	0.00
	(ix)	Disposal of Materials	0.00	m³	91.30	0.00
22		Extra cost of Materials				
	(i)	Extra cost for Brick -	4.649	0/00	300.317	1396.00
	(ii)	Extra cost for Cement -	37.308	MT	253.67	9464.00
23		Seigniorage Fee				
	(i)	Coarse sand	41.972	m³	17.76	745.00
	(ii)	Stone aggregate	106.732	m³	63.29	6755.00
	(iii)	Local sand	38.592	m³	14.33	553.00
	(iv)	Earth Filling -	42.480	m³	3.03	128.71
					Total Rs.	1751295.71
		Add 5.36 % For GST			Rs	93869.00
					Rs	1845164.71

Ravi Ranjan  
05-06-2018

Junior Engineer  
Nagar Vikas Pramandal  
Patna East

Am. K. K. K.  
06/06/18

Assistant Engineer  
Nagar Vikas Pramandal  
Patna East

BCC is approved from Serial Number 01 to 23 for Rs 1845165/- (Eighteen Lakh Forty Five thousand one hundred sixty Five rupees only)

Am. K. K. K.  
06/06/18  
A.E.

06/06/18