

BILL OF QUANTITY

योजना का नाम- नगर पंचायत खुशरूपुर वार्ड नं०-05 में बृजे सिंह के मकान से गरमु जमादार एवं विनय भुषण के घर होते हुए अमित पासवान के घर तक भूगर्भ नाला एवं पी०सी०सी० सड़क 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.				
			160.82	m ³	360.70	58008.00
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.				
			26.01	m ³	287.30	7473.00
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..				
			170.70	m ²	283.30	48359.00
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.				
			5.60	m ³	3998.10	22389.00
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				
			140.00	m	2167.10	303394.00

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.				
			4.77	m ³	4688.30	22363.00
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.				
		Vide item no.- 6				
			429.30	Kg	92.60	39753.00
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.				
			20.88	m ³	5017.90	104774.00
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.				
			82.55	m ²	152.90	12622.00
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	82.55	m ²	40.50	3343.00
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.				
			8.53	m ²	211.60	1805.00

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%	80.41	m ³	123.90	9963.00
		P.C.C. Road				
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.				
			396.20	m ³	240.49	95282.00
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.				
			66.03	m ³	287.30	18970.00
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-20specification and direction of E/I.				
			66.03	m ³	1270.00	83858.00
16	4.1.2 Bcd	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering all work upto plinth level : 1:1.5:3 (1 cement : 1.5 Coarse Sand : 3 Grade Stone Aggregate 20 mm nominal size) etc. all complete as per building specifications and direction of E/I.				
			66.03	m ³	4420.80	291905.00

17	5.9.1	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.				
			37.94	m ²	211.60	8028.00
18		Carriage of Materials				
	(i)	Coarse sand	11.771	m ³	1284.76	15123.00
	(ii)	Stone aggregate	93.349	m ³	1616.94	150940.00
	(iii)	Local sand	94.601	m ³	315.77	29872.00
	(iv)	Cement -	7.372	MT	501.16	3695.00
	(v)	Steel -	0.429	MT	501.16	215.00
	(vi)	Bricks -	15.692	0/00	934.90	14670.00
	(vii)	Earth Filling -	396.200	m ³	61.85	24505.00
	(viii)	Hume Pipe -	140.00	m	54.70	7658.00
	(ix)	Disposal of Materials	0.00	m ³	91.30	0.00
19		Extra cost of Materials				
	(i)	Extra cost for Brick -	15.692	0/00	273.29	4288.00
	(ii)	Extra cost for Cement -	7.372	MT	265.41	1957.00
20		Seigniorage Fee				
	(i)	Coarse sand	11.771	m ³	17.58	207.00
	(ii)	Stone aggregate	93.349	m ³	62.66	5849.00
	(iii)	Local sand	94.601	m ³	14.19	1342.00
	(iv)	Earth Filling -	396.200	m ³	3.00	1189.00
					Total Rs.	1393799.00
						74708.00
		Add 5.36 % For GST			Total Rs.	1468507.00

Ravi Ranjan
05-06-26
Junior Engineer
Nagar Vikas Pramandal
Patna East

Assistant Engineer
Nagar Vikas Pramandal
Patna East

BOE approved from Serial No. 1 to 20 for
RS-1468507/- (Fourteen Lakh Sixty Eight
thousand Five hundred Seven rupees only.)

8/06/2026