

BILL OF QUANTITY

योजना का नाम:- नगर परिषद् मोकामा अंतर्गत वार्ड सं0-18 में लॉर्ड कृष्णा स्कूल से होते हुए वाया मिट्टू सिंह ,नारायनजी ,अमरनाथजी ,स्व० संजय महतो ,लखन जी ,गुड्डू कुमार के मकान होते हुए खाको जी एवं धनपति जी के मकान तक आर०सी०सी० नाला एवं पथ निर्माण कार्य ।

1	2	3	8	9	10	11
S.NO	SOR	ITEM OF WORK	QTY	UNIT	RATE	AMOUNT
		PAVER ROAD				
1	15.2.1 BCD	Demolishing P.C.C cement concrete and disposal of material within 50 m lead 1:3:6 or richer mixture all complete as per building specifications and direction of E/I.				
			59.948	m3	970.90	58,203.41
2	3.16(III) RCD	Construction of embankment with approved materials 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				
			54.180	m3	211.30 240.24	11448.23 13,016.15
3	2.28	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.				
			27.090	m3	287.30	7,782.99
4	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.				
			177.818	m2	283.30	50,375.80

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5	11.79 Bcd	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 to required Grey colour & Pattern over 50 mm thick compacted bed of coarse sand compacting and proper embedding/ laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with jamuna sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand in footpath, parks, lawns, drive ways or light traffic parking etc. all complete as per manufacture's specification & direction of Engineer-in-				
		11.79.1 Colour 30%	34.83	Sqm	956.4 ✓	33313.65
		11.79.2 White 70%	81.2754647	Sqm	906.1 ✓	73643.70
6	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.				
			9.401	m3	4,420.80	41,561.58

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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.				
			92.565	m2	211.60 ✓	19,586.77
		RCC DRAIN				
8	2.8 BCD	Earthwork in excavation in foundation trenches or drains (not exceeding 1.5 min width or 10 sq m on plan) including dressing of sides and ramming of bottoms, lift upto 1.5m . including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m				
	2.8.1		124.058	cum	360.70 ✓	44,747.56
9	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.				
			32.858	m3	287.30 ✓	9,440.04

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9	4.1.3 BCD	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.				
			27.381	m3	3,998.10	1,09,473.94
10	5.1.2 BCD	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement. All work upto plinth level 1:1.5:3 (1 Cement : 1.5 Coarse Sand : 3 Graded Stone aggregate M-25 mm nominal size) all complete as per building specifications and direction of E/I.				
			112.722	m3	4,688.30	5,28,476.58
11	5.22.7 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.				
			10145.019	Kg	92.60	9,39,428.76

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12	10.32.1	Steel work welded in built up sections/framed work including cutting hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel, etc. as required Instringers, treads landingsetc. of stair cases including use of required plates wherever required all complete.				
		@25 kg/each ring	2500.000	kg	104.00	2,60,000.00
13	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.				
			1064.190	m2	211.60	2,25,182.52
		PROTECTION WALL				
14	20.3A.1 BCD	Making 25 cm (10") dia bore upto 4 m depth below ground with hand auger of approved quality in ordinary soil (vide classification of soil item A) true to plumb and without accentricity 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.				
			140.201	m	178.30	24,997.87

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15	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.				
			7.259	m3	360.70 ✓	2,618.46
16	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 direction of E/I.				
			4.840	m3	287.30 ✓	1,390.41
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.				
			31.758	m2	283.30 ✓	8,997.02
18	5.1.2 Bcd	Providing and fixing precast reinforced cement concrete work in string courses, band copings, bed plates, anchor blocks plain window salts 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.				

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			25.210	m3	4,688.30 ✓	1,18,192.46
19	5.9.1 BCD	Providing centering and shuttering including strutting for 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.				
			182.161	m2	211.60 ✓	38,545.29
20	6.1.12/1 Bcd	Providing Brick work with bricks of class designation 100 A in foundations and plinth with clean couse sand in Cement mortar 1:4 (1) Concrete 4 coarse sand) all complete as per building specifications and directions of E/I.				
			48.396	m3	5,017.90 ✓	2,42,845.81
21	5.22.7B Bcd	Providing Reinforcement for RCC work including straightening, cutting, bending, placing in position and binding all complete Thermo-Mechanically Treated Bars (TMTC-500) 10 mm dia etc. All complete as per specifications and directions of E/I.				
		Vide Item No.05	1764.706	kg	92.60 ✓	1,63,411.79
22	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.				
			209.050	m2	152.90 ✓	31,963.67
14		Labour	100.000		405.36	40,535.54
15	LS	Information board			4,000.00 ✓	4,000.00
16		Carriage of Materials				
	(i)	Coarse Sand	97.212	m3	1,322.62	1,28,574.68

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	(ii)	Stone Aggregate	156.970	m3	2,938.00 ✓	4,61,177.95
	(iii)	Local Sand	75.639	m3	310.14 ✓	23,458.68
	(iv)	Cement	73.368	MT	466.92	34,257.08
	(v)	Steel	14.410	MT	466.92	6,728.19
	(vi)	Bricks	34492.126	No./1000	918.23 ✓	31,671.70
	(vii)	Earth Filling	54.180	m3	63.03 ✓	3,414.98
	(viii)	Hume Pipe	0.000	m3	54.70 ✓	0.00
	(ix)	Paver block	4412.097	No./1000	918.23 ✓	4,051.32
17		Extra Cost of Materials				
	(i)	Extra Cost for Brick	34492.126	0/00	275.54 ✓	9,503.96
	(ii)	Extra Cost for Cement	73.368	MT	267.59 ✓	19,632.60
18		Seigniorage Fee				
	(i)	Coarse Sand	97.212	m3	17.58 ✓	1,708.99
	(ii)	Stone Aggregate	156.970	m3	91.35 ✓	14,339.21
	(iii)	Local Sand	75.639	m3	14.19 ✓	1,072.94
	(iv)	Earth Filling	54.180	m3	3.03 ✓	164.17
			3748400.00		Sub-Total	38,31,488.21
		ADD 5.36% for GST	200914.00			205367.77
			3949314.00		Total	40,36,855.98
			39,49,300.00		Say Rs.	40,36,856.00

Sharan Kumar

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A.E

Executive Engineer

Nagar Vikas pramandal, Patna East

BOQ approved for Rs 40,36,856.00 (bought lakh
Thirty six thousand eight hundred fifty six rupees only)

BOQ is approved from serial number 01 to 18
for Rs- 39,49,300.00/- (Rupees Thirty Nine Lakh, Forty
Nine thousand and Three hundred) only.

Avinash
16/07/25
A.E (SE-II)

16/07/25

नगर विकास प्रमंडल
पटना पूर्व