

Name of Work :-

BILL OF QUANTITY

नगर परिषद, विहटा अंतर्गत विटेश्वर महादेव मंदिर से गुलटेरा बाजार मुख्य सड़क तक पी०सी०सी० सड़क एवं आर०सी०सी० नाला का निर्माण कार्य।

B.O.Q. Amount		22257070.00		Cost of B.O.Q.	17700.00
Earnest Money		445200.00		Time of Completion	06 Months
Item no.	Description of Items	Quantity	Unit	Rate	Amount
1	2	3	4	5	6
	Drain				
1	Demolishing cement concrete including disposal of material within 50 metre lead:1:3:6 or richer mix	182.27	M ³	970.90	176970.00
2	Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.	842.76	M ³	107.20	90343.00
3	Providing sal ballah barricading with departmental sal ballah average 150 dia. And 2M long sal ballah post at interval of 2.5 M C/C fixed 0.5 M average below ground, packed with earth and Brick bats, well watered and rammed with three rows of average 100mm dia. Sal ballah horizontal runners fixed with iron spikes and wires, white washing one coat to exposed surface, dismantling the barricade after function, filling the holes, excluding carriage of sal ballah from and to godown up to 5K.M. lead,stacking them in countable stacks in godown including cost of all labour and materials and taxes all complete job as per specification and direction of E/I.	648.28	M	215.30	139573.00
4	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 soil	611.00	M ³	360.70	220387.00
5	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.	63.21	M ³	287.30	18159.00
6	Providing and laying in position cement concrete of specified grade exluding the cost of centring and shuttering-all work upto plinth level.1:3:6 (1 Cement: 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	63.21	M ³	3434.00	217052.00
7	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)	648.28	M ³	4688.30	3039307.00
8	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.	58991.40	kg	92.60	5462604.00
9	Centring and shuttering including strutting,propping etc. and removal of form for Foundations, footings, bases of columns etc. for mass concrete.	4311.03	M ²	211.60	912213.00
	Road Work				
10	Excavating, supplying and filling of local earth (including royalty but excluding cairriage cost) by mechanical transport upto a lead of 3km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete. If local earth is available at more than 3 km lead the actual lead must be approved by compitent authority. cairriage of material will be paid seperately and calculated after deducting initial lead..	1532.46	M ³	411.70	630915.00
11	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	681.10	M ³	1239.40	844149.00

Item no.	Description of Items	Quantity	Unit	Rate	Amount
12	Construction of dry lean cement concrete sub base over a prepared sub-grade with coarse and fine aggregate conforming to IS:383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per specifications, cement content not to be less than 150 Kg/cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, for all leads & lifts, laid with a mechanical paver, compacting with 8-10 tonne vibratory roller, finishing and curing etc. complete as per direction of Engineer- incharge.				
		364.95	M ³	2054.30	749712.00
13	Providing and laying in position cement concrete of specified grade excludng the cost of centring and shuttering-all work upto plinth level. 1:1.5:3 (1 Cement :1.5 coarse sand:3 graded stone aggregate 20 mm nominal size)				
		729.90	M ³	4420.80	3226722.00
14	Centring and shuttering including strutting,propping etc. and removal of form for.				
		239.31	M ²	211.60	50637.00
15	Carriage of Materials				
(a)	Stone Chips	2167.53	M ³	1905.00	4129145.00
(b)	Sone Sand	779.66	M ³	610.00	475590.00
(c)	Local Sand	324.75	M ³	310.47	100824.00
(d)	Cement	619.92	MT	467.40	289748.00
16	Difference cost of Materials				
(a)	Cement	619.92	M.T	253.67	157254.00
				=	20931304.00
17	Add additional GST @5.36%			=	1121917.00
				Total Part (A) =	22053221.00
18	Providing Scheme board at sitedo.....E/l.	1.00	No.	4000.00	4000.00
				=	22057221.00
19	Provision for seigniorage chargedo.....E/l.				
(a)	Stone Chips	2167.53	M ³	74.54	161559.00
(b)	Quality Sand	779.66	M ³	40.08	31248.00
(c)	Local Sand	324.75	M ³	21.69	7042.00
				Total Part (B) =	199849.00
				Rs	22257070.00


Assistant Project Director
BUIDCo Patna West

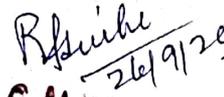
DPD
BUIDCo Patna West


Project Director
BUIDCo Patna West

BOR approved from sl No- 01 to 19 for Rs 2,22,57,070 = 00
(Rupees two Crores twenty two lacs fifty seven thousands
Seven hundred only.)


23/9/15
DPD
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25/9/15
PD
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26/9/15
GM(S)

