

**Estimate for Motorable in Dholbajja middle school to kasma paswan tol near dhauri riv
under FDR**

Length:- 1.500 KM

Sl No	Item No	Name of Item	Unit	No	Length	Width	Height	Qty.	Rate	Amount
1		Excavation for road work in soil with all comp <i>1000M Road KASMA + 1000M Paved by Tarmac</i>	cum	Appendix 1				1744.95	332.74 302.75	58061 52823
2		Providing and filling brick bats in ditches including cost of brick bats and labour all complete job as per specification and direction of E/L.	Cum	As per Appendix 1				900.14 1510.57	1867.76	16812 2821
3		Labour for cutting 62 mm to 75 mm dia bamboo piles by jet machine all complete job as per specification and direction of E/L.	per mtr	As per Appendix 1				1675M 4111 302234	39.52	126653 162
4	<i>Geo</i>	Providing and laying labour for filling sand in bags stiching and pitching all complete job as per specification and direction of E/L.	Each	As per Appendix 1				8700 4225	113.63 101.95	988 68423
5		Labour for fitting and fixing bamboo 62 mm to 75 mm dia runner bamboo all complete job as per specification and direction of E/L.	per mtr	As per Appendix 1				307.0 -5.04	8.04 -807	2440 -4
6		Supplying 85 mm to 100 mm dia bamboo 6.00 to 8.00 m long all complete job as per specification and direction of E/L.	Each	As per Appendix 1				5840 714	158.44 106	91904 75 92529
Total:										-4632
GST --- Rs. 3,66,835.00									Add GST 12%	555
L.C --- Rs. 30570.00									Add L.Cess 1%	46
SF --- Rs. 1,05,954.00									G. Total:-	5234
Total: Rs. 35,60,314.00										

24/11/21
Junior Engineer
RWD(W) Section
Khajauli

24/11/21
Assistant Engineer
RWD(W) Sub Division
Khajauli

24/11/21
Executive Engineer
RWD(W) Division, Madhubani

22/01/21
Superintending Engineer
Road Works Circle, Darbhanga

Road Name: Dholbajja middle school to kasma paswan tol near dhauri river

Length - 1.500km

s no	chainage	no	length	width	depth	qty
1	Brick Bats:-					
		1	10.50	(1.80+2.20)/2	(0.60+0.90)/2	15.75
		1	10.50	(5.00+5.50)/2	(0.60+2.50)/2	85.44
		1	25.50	(1.00+1.30)/2	0.60	17.59
		1	25.50	(5.70+5.80)/2	(0.60+2.20)/2	205.27
		1	9.00	(1.60+2.20)/2	(0.60+0.90)/2	12.49
		1	9.00	(6.50+7.50)/2	(0.60+1.20)/2	50.40
		1	25.10	(3.80+9.00)/2	5.20 (Avg.)/2	835.33
		1	28.10	(5.50+6.10)/2	(0.60+2.20)/2	228.17
		1	13.00	(4.70+4.00)/2	(0.45+0.90)/2	33.93
		1	10.10	(1.50+2.50)/2	(0.45+1.20)/2	16.66
		0.5	20.20	6.30	0.15	9.54
					total	4510.57
2 (a)	Bamboo Pilling:-					
		Vertical Bamboo Length:-				6.10 Mtr.
		300mm C/C				
		Total Length:-				100.9 Mtr.
		Two Layer Bamboo Pilling No. of Vertical Bamboo				(100.9/0.3+1)x2 = 674
		Qty of Vertical Bamboo				674 Nosx6.10 mtr = 4111 mtr
2 (b)	Runner				2x4x100.9mtr.	807 mtr
2 (c)	No of Bamboo				4997.60/7	714 Nos
2 (d)	Sand Bags Filling					
			1x100.90x1.20x1.50+1.30/2			169.51
			1x102.00x1.20+1.40/2x1.30+1.10/2			159.12
						328.63
			Less 10% void and gap in bitumen bags			32.86
						295.77
		Nos of Geo Bags		295.77/0.034 = 8699.00		
					Say 8700 Nos	

4/1/21
J.E.

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