

Name of work: Kolayad Grama Panchayath 2016 - 17, Improvements and Concrete works to
Kommeri Kunjanveedu Road from Ch: 0/000 to 1/100

Detailed Estimate

Sl No	Spec. code	Description (CPWD)	Nos	Length (m)	Width (m)	Depth (m)	Quantity	Unit	Amount (Rs)
1	2.6.1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means 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 up to 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.							
			2	600.00	0.75	0.40	360.00	m ³	
			2	500.00	1.00	0.40	400.00	m ³	
							760.00	m ³	
			Say			760.00	m ³	185.53 / 1	m3 141003
2	ODKNR8	Construction of granular sub-base by providing close graded Material conforming to specifications, mixing at OMC ... With material conforming to Grade-II (size range 53 mm to 0.075 mm) having CBR Value-25							
		leveling	1	1100.00	3.00	0.150	495.00	m ²	
		Extra curve	1	60.00	0.50	0.150	4.50		
			1	75.00	0.50	0.150	5.63		
		Total					505.13	m ³	
			Say			505.13	m ²	2217.21 / 1	m ² 1119968
3	16.42	Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size) in pavements, laid to required slope and camber in panels as required including consolidation finishing and tamping complete.							
			1	1100.00	2.70	0.150	445.50	m ³	
		Extra curve	1	60.00	0.50	0.150	4.50		
			1	75.00	0.50	0.150	5.63		
		Total					455.63	m ³	
			Say			455.63	m ³	6514.09 / 1	m3 2967982
4	4.3.1	Centering and shuttering including strutting, propping etc. and removal of form for :lintels, beams, plinth beams, girders, bressumers and cantilevers							
		road way longitudinal	2	1100.00		0.15	330.00	m ²	
		road way across	120	3.00		0.15	54.00		
		Total					384.00	m ²	
			Say			384.00	m ²	234.29 / 1	m ² 89967
5	19.6.7	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete. 600 mm dia R.C.C. pipe							
			Say			5.00	m	1891.76 / 1	m ² 9459

Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand).

(Rupees Fifty Lakhs only)

2 of 2