DETAIL ESTIMATE FOR CONSTRUCTION OF ROAD

S. No. 164 S, GRAM PANCHAYAT BORDIYA, JANPAD PANCHAYAT

KHACHROD, TAH. KHACHROD, DIST. & DIVI. UJJAIN (M.P.)

TAH. KHACHROD, DIST. & DIVI. UJJAIN. (M.P.)

ISSR											
S.No.	Item No.	Item	No	L	В	D	Qnty.	Total	Unit	Rate	Amount
1.	ISSR3.1	Excavation for roadway in soft soil including loading in truck for carrying of cut earth to embankment site with all lifts and lead upto 1000 metres and as per relevant clauses of section-300									
		-7.50 m Wide roads	1	50	5.00	0.20	50.0	50.0	Cu m.	82.00	4100.00
2	ISSR3.11	Construction of embankment / subgrade / earth shoulders, as per clause 305 & its subclauses, Where required but with approved materials/soil like morrum CBR value not less then 7% i/c all lead & lifts i/c excavation, cost of watering, compaction and maintenance of surface during construction to ensure shedding & preventing ponding of water (clause 305.3.6) shaping & dressing (clause 305.3.7), finishing etc. complete but excluding scarifying existing granular/bituminous road surface vide clause 305.6.									
		\-7.50 m Wide roads	1	50	5.00	0.30	75.0	75.0	Cu m.	272.00	20400.00
3.	ISSR4.1	Construction of granular sub- base by providing coarse graded material, spreading in uniform layers with on prepared surface, mixing by mix in place method at OMC, and compacting with vibratory roller to achieve the desired density, complete in all respect and as per relevant clauses of section-400.									
		i) for grading- I Material									
		-7.50 m Wide roads	1	50	5.00	0.15	37.50	37.50	Cu m.	604.00	22650.00

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4.	ISSR6.1	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 25mm, aggregate									
		cement ratio not to exceed									
		15:1, aggregate gradation after									
		blending to be as per table of									
		MORTH Specifications 600-1,									
		-7.50 m Wide roads	1	50	5.00	0.10	25.00				
							25.00	25.00	Cu m.	2715.0	67875.00
5.	ISSR6.5	Construction of dowel jointed,									
		plain cement concrete									
		pavement in M-30 grade									
		concrete over a prepared sub									
		base with 43 grade cement									
		maximum size of coarse									
		aggregate not exceeding 25									
		mm, mixed in a batching and									
		mixing plant as per approved									
		mix design, transported to site,									
		,joint sealant, debonding strip,									
		placing of dowel bar,tie rod									
		admixtures as approved, curing									
		compound, finishing to lines									
		and grades as per approved									
		drawings as per IRC-15 2002									
		and as per relevant clauses of									
		section-602 of specifications									
		complete including cost of steel									
		in dowel ber & tie rod (32mm									
		dowel bar @9 kg/cum of									
		concrete & 16mm tie rod @									
		1.12 kg/cum of concrete)									
		1.12 kg/cuiii oi coliciete)									
		-7.50 m Wide roads	1	50	4.50	0.15	33.75				
					1			33.75	Cu m.	4698.0	158557.50
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6.	ISSR3.11	Construction of embankment / subgrade / earth shoulders, as per clause 305 & its subclauses, Where required but with approved materials/soil like morrum CBR value not less then 7% i/c all lead & lifts i/c excavation, cost of watering, compaction and maintenance of surface during construction to ensure shedding & preventing ponding of water (clause 305.3.6) shaping & dressing (clause 305.3.7), finishing etc. complete but excluding									
		-7.50 m Wide roads	2	50	1.00	0.50	50.00	50.00	Cu m	272.00	13600.00
									Total Rs 287182.50		
										Say Rs.	287,000.00

 $(Note: -Rates \ are \ taken \ from \ \ Urban \ Administration \ and \ Development \ Department (M.P.) ISSR \ Integrated \ standard \ schedules \ of \ rates (ROADS) \ inforce \ from \ 02nd \ 2021)$