



GOVERNMENT OF TAMIL NADU

RURAL DEVELOPMENT
AND PANCHAYAT RAJ DEPARTMENT

2018-19

Name of Work : Metalling of the Road From Kadampur-Makkampalayam Road
Km 8/5-11/7

Estimate Amount : Rs 14733000

BLOCK : SATHYAMANGALAM

District Rural Development Agency.,

Erode district

DETAILED ESTIMATE

Name of work Metalling of the Road From Kadampur-Makkampalayam
Road Km 8/5-11/7

Estimate in Rs 14733000

Sl.no	Description of work			No.	L	B	D	Contents		Amount
1	Earth work excavation in all classes of soils except hard rock requiring blasting depositing on bank with initial lead of 10M and lift of 2M including all labour charges and incidental charges such as shoring, strutting, providing coffer dams, bailing out of water as per 20A									
	0m -0.30m									
	KM 8/5 -9/0 -			2	500.00	0.45	0.30	135.00		
	KM 9/0-10/0 -			2	1000.00	0.45	0.30	270.00		
	KM 10/0 - 11/0			2	1000.00	0.45	0.30	270.00		
	KM 11/0 -11/70			2	700.00	0.45	0.30	189.00		
								864.00		
	0.3m -0.60m									
	KM 8/5 -9/0-			2	500.00	0.45	0.15	67.50		
	KM 9/0-10/0			2	1000.00	0.45	0.15	135.00		
	KM 10/0 - 11/0			2	1000.00	0.45	0.15	135.00		
	KM 11/0 -11/70			2	700.00	0.45	0.15	94.50		
								432.00		
2	Earth work excavation in all classes of soils except hard rock requiring blasting depositing on bank with initial lead of 10M and lift of 2M including all labour charges and incidental charges such as shoring, strutting, providing coffer dams, bailing out of water as per 20A									
	0m -0.30m									
	KM 9/30 -9/ 36			1	60.00	0.45	0.30	8.10		
								8.10		
3	Providing and laying including cost and conveyance of gravel from approved sources to work site including labour for spreading, watering and compacting by power roller to achieve the required Proctor density at 100% compaction at Optimum moisture content and hire fuel charges for powerroller, watersprinkler and all other incidental charges such as traffic barricading and providing dangerlights etc. comp for base-course and side berms									
	KM 8/5 - 9/0-sub base			1	500.00	5.00	0.300	750.00		
	KM 8/5 -9/0 -Side berms			2	500.00	0.45	0.100	45.00		
	Deduct for 1.5 m			-3	2.40	5.00	0.300	-10.80		
	Deduct for 3.0 m			-1	3.70	5.00	0.300	-5.55		
								778.65		
	KM 9/0-9/12			1	120.00	5.00	0.300	180.00		
	KM 9/12-9/16			1	40.00	5.00	0.600	120.00		
	KM 9/16-9/3			1	140.00	5.00	0.300	210.00		
	KM 9/3-9/36			1	60.00	5.00	0.600	180.00		

	Km 9/36-9/8			1	440.00	5.00	0.300	660.00		
	Km 9/8-9/82			1	20.00	5.00	0.600	60.00		
	Km 9/8-9/82			1	180.00	5.00	0.300	270.00		
	KM 9/0-10/0Side berms			2	1000.00	0.45	0.075	67.50		
	D/n 1.5 m			-5	2.40	5.00	0.300	-18.00		
	D/n 3.0 m			-1	3.70	5.00	0.300	-5.55		
	D/n bridge			-1	35.00	5.00	0.300	-52.50		
								1671.45		
	Km 10/0-10/150			1	150.00	5.00	0.600	450.00		
	Km 10/150-11/0			1	850.00	5.00	0.300	1275.00		
	KM 10/0-11/0Side berms			2	1000.00	0.45	0.075	67.50		
	D/n 1.5 m			-2	2.40	5.00	0.300	-7.20		
	D/n 3.0 m			-1	3.70	5.00	0.300	-5.55		
								1779.75		
	Km 11/0-11/6			1	600.00	5.00	0.300	900.00		
	Km 11/6-11/63			1	30.00	5.00	0.600	90.00		
	Km 11/63-11/7			1	70.00	5.00	0.300	105.00		
	KM 11/0-11/7Side berms			2	1000.00	0.45	0.075	67.50		
								1162.50		
4	Providing and laying 75mm compacted thick WBM Grade II using 1 cum of 75mm to 22.4mm IRC HBG metal and 0.24 cum of Gravel for blindage for 10 Sqm. of 75mm compacted thick (the blindage material shall have PI value less than 6%) including cost and conveyance of all materials from approved quarry to work site and stacking to departmental gauge for pre-measurement as directed by the departmental officers including labour for spreading metal and gravel hand packing to camber and grade lines blinding with required quantity of gravel, forming edge bunds, watering with all leads for good water slurring, rolling and consolidation by power roller and finishing as per MOST 404 (III revision) including hire and fuel charges for power roller and water sprinkler and all other tools and plants employed therefor and all incidental charges etc.,									
	Km 8 / 5 - 9 / 0			1	500.00	3.75	0.075	140.63		
	Deduct for 1.5 m culvert			-3	2.40	3.75	0.075	-2.03		
	Deduct for 3 m culvert			-1	3.70	3.75	0.750	-10.41		
								128.19		
	Km	9/0	10/0	1	1000.00	3.75	0.075	281.25		
	D/n 1.5 m			-5	2.40	3.75	0.075	-3.38		
	D/n 3.0 m			-1	3.70	3.75	0.075	-1.04		
	D/n bridge			-1	35.00	3.75	0.075	-9.84		

								266.99		
	Km	10/0	11/0	1	150.00	3.75	0.075	42.19		
	D/n 1.5 m			-2	2.40	3.75	0.075	-1.35		
	D/n 3.0 m			-1	3.70	3.75	0.750	-10.41		
								30.43		
	Km	11/0	11/7	1	600.00	3.75	0.075	168.75		
								168.75		
5	providing 1.5 m span culvert at ch.9/60 m,10/085m,10/420m,10/510 m,10/600 m,10/680 m,10/750 m,11/050 m,11/500 m,11/580 m									
6	providing 3.0 m span culvert at ch.8/720 m,9/684 m,11/10 m									
7	Provision for hard bed									
5	Provision for Name board, etc.							L.S		
6	Provision for Photography Charges							L.S		
7	GST				0.12			L.S		
8	Labour welfare funds 1.0%			1.00	%(Apprx..)			L.S		
9	Contingencies and other charges							L.S		

