

ERODE DISTRICT - JAMBAI TOWN PANCHAYAT										
DETAILED ESTIMATE										
NAME OF WORK :Strengthing of Existing Damaged BT Road to CC Road in Ward No.15, Periyavadamalaiyanpalayam perumal kovil street in Jambai Town Panchayat										
ESTIMATE Rs:		12,50,000/-								
SI No	Description of work	No			Measurements			Quantity	Unit	
					L	B	D			
1	Earthwork excavation for foundation and depositing on Bank with metal lead of 10m and initial of 2m in Hard stiff clay, stiff black cotton,hard red earth, shales, murrum, gravel, stoney earth and earth mixed with small size boulders including all labour charges etc.complete as per SS 20 B TNDSS No 23& 24 V.VI (S2) VI 9									
	For Drain		1	x	1	80.00	0.30	0.20	5.00	
								Total	5.00	M ³
2	Plain Cement concrete of mix 1:4:8 (one part of cement, four parrt of M.sand ,and Eight part of coarse aggregate) using hard broken granite stone jelly of 40 mm gauge for foundation levelling course, including shuttering, dewatering wherever necessary and laid I layers of not more than 15cm thick complete complying with standard specifications and drawings and as directed by the departmental Engineers including all cost & conveyance of materials laying curing etc., complete as per TNDSS No 28 V,VI, (S2) (S5A)VII									
	Street 1	1	x	1	60.00	3.00	0.10	18.00		
	Street 2	1	x	1	80.00	1.50	0.10	12.00		
	Street 3	1	x	1	20.00	3.00	0.10	6.00		
	Street 4	1	x	1	90.00	2.00	0.10	18.00		
	Street 5	1	x	1	20.00	3.00	0.10	6.00		
	Street 6	1	x	1	85.00	3.00	0.10	25.50		
	Street 7	1	x	1	60.00	3.00	0.10	18.00		
	For Drain	1	x	1	80.00	0.30	0.10	2.40		
					495.00		Total	104.00	cum	
3	Plain Cement Concrete 1:2:4 Mix (one part cement, two part M-sand and four part of aggrigate) using 20mm size ISS HBG metal machine crushed from approved quarry including cost and conveyance of all materials to site, loading and unloading charges and labour charges for mixing, laying and curing etc. complete. Complying with std. specifications.									
	Street 1	1	x	1	60.00	3.00	0.10	18.00		
	Street 2	1	x	1	80.00	1.50	0.10	12.00		
	Street 3	1	x	1	20.00	3.00	0.10	6.00		
	Street 4	1	x	1	90.00	2.00	0.10	18.00		
	Street 5	1	x	1	20.00	3.00	0.10	6.00		
	Street 6	1	x	1	85.00	3.00	0.10	25.50		
	Street 7	1	x	1	60.00	3.00	0.10	18.00		
					415.00		Total	104.00	cum	
4	Providing Bitumen Pad 12mm thick for Expansion joint including cost and conveyance of all other labour and material charges to site etc., complete.									
	For Road	1	x	1	60.00	-	0.10	6.00		
							Total	6.00	sqm	

SI .No	Description of work	No			Measurements			Quantity	Unit
					L	B	D		
5	Supplying and erecting centering for sides and soffits including supports and without strutting upto 3.29m height for plane surfaces in all floors with cross bracings using mild steel sheets of size 30cm x 60cm and 10 gauge stiffened welded with mild steel sheets of size 25mm x 25mm x 3mm for boarding and laid over silver oak (country wood). Joists of size 10cm x 6.5cm dia spaced at about 90cm centre to centre and supported by casurina props of 10cm to 13cm dia spaced 75cm centre to centre etc., complete complying with standard specification and as directed for the following items as per (For Drain, Deck slab & Retaining wall) TNDSS NO: 30 & 86								
	Without Strutting								
	For Drain	1	x	2	80.00	-	0.10	16.00	
								16.00	M²
6	Plain Cement concrete of mix 1:3:6 (one part of cement, Three parts of sand, and Six parts of coarse aggregate) using hard broken granite stone jelly of 20 mm gauge for foundation levelling course, including shuttering, dewatering wherever necessary and laid in layers of not more than 15cm thick complete complying with standard specifications and drawings and as directed by the departmental Engineers including all cost & conveyance of materials laying curing etc., complete as per TNDSS No 28 V, VI, (S2) (S5A) VII								
	Drain Road side	1	x	1	80.00	0.20	0.10	2.00	
							Total	2.00	M³
7	Finishing the top of flooring with granolithic floor finish in cement concrete 1:2:4 mix using 10-12mm ISS metal to 25mm thick including cost and conveyance of all materials to site and all labour charges for mixing, laying, curing etc complete								
	Drain Vent	1	x	1	80.00	0.10	-	8.00	
							Total	8.00	M²
9	Provision For GST Charges 12 %								LS
10	Provision for Labour Welfare Fund Charges 1% etc.,								LS
11	Contingencies and unforeseen items.								LS

**Junior Engineer,
Jamabi Town Panchayat (Group)
Erode District.**

**Assistant Executive Engineer
Town Panchayat
Erode District**