

**NARANAMMALPURAM TOWN PANCHAYAT**  
**TENDER SCHEDULE**

**Name of work : Black Topping the Road in Vanji Nagar,vanji nagar 1st cross street, Vanji Nagar 2nd cross street and Thendral Nagar street in Naranammal puram Town Panchayat**

Estimate amount : 20.00 Lakhs								
EMD : Rs.			Contract value: Rs.					
Sl. No	Probable Quantity		Description of Work	TNDSS & MORTH No:	RATE IN Rupees		UNIT	
					in Figure	in WORDS		
1	352.00	m3	Earth work open excavation and depositing on bank with in the initial lead of 10m and a lift of 2m in hard stiff clay, stiff block cotton, hard red earth, shales, murrum, gravel, stoney earth and earth mixed with small size boulders etc., as per SS 20 A. TNDSS NO: 23 & 24 VI (S2) VI,VII 9,10 with standard specifications				1 M3 (One Cubic Metre)	
2	229.00	m3	Providing and laying ,spreading and compacting graded stone aggregate to wet mix macadam (WMM ) Grade I specification including premixing the material with water at OMC in mechanical mix plant carriage to mixed material by tipper to site laying in uniform layers with paver in sub base / base course on well prepared surface and compacting with vibratory roller to achive the desired density complete as per clasue 404 of MORTH specifications.	404 MORTH			1 M3 (One Cubic Metre)	
3	1527.00	m2	Providing and laying Prime coat of 7kgs/10 sqm over the WMM surface treated with primer using 7kgs of bituminous Emulsion for 10 square meter area including cost of bituminous binder, including labour charges for applying the required quantity of bituminous binder as Prime coat manually etc., complete as per 503 of MORTH Specifications	503 MORTH Rev-5			1 M2 (One Square Metre)	

Sl. No	Probable Quantity		Description of Work	TNDSS & MORTH No:	RATE IN Rupees		UNIT	
					in Figure	in WORDS		
4	1527.00	m2	Providing and laying tack coat of 2.5 kgs/10 sqm over the WMM surface treated with binder using 2.5 kgs of bituminous Emulsion for 10 square meter area including cost of bituminous binder, including labour charges for applying the required quantity of bituminous binder as tack coat manually etc., complete as per 503 of MORTH Specifications	503 MORTH Rev-5			1 M2 (One Square Metre)	
5	77.00	m3	Providing and laying 50 mm compacted thick dense bituminous macadam using 0.24 cum of 26.5-13.2 mm graded metal and 0.25 cum of 13.2-2.36 mm graded metal and 0.23 cum of 2.36 mm & below metal with 53.20 kgs of 60/70 bitumen for premixing per 10 sqm including cost and conveyance of all materials to C M P site, heating the bitumen and aggregates to required temperature and mixing them in required temperature in central hot mix plant 20- 30 tonnes capacity conveying the mix by tipper trucks to paver site,spreading the mix in required temperature for uniform thickness of 50 mm with mechanical paver to the specified grades and cross sections and compaction by 80-100 KN power roller to the required density etc.including labour charges for loading bitumen in to bitumen tank and metal to feeder unit,labour for attending to paver site etc., including hire charges and fuel charges for 20-30t C M P with bitumen boiler,tipper trucks,paver finisher, power rollers and all other tools and plants required,including all other incidental charges etc.,complete using C M P clause 505 of MORTH Rev-5 specifications.	505 of MORTH Rev-5			1 M3 (One Cubic Metre)	

Sl. No	Probable Quantity		Description of Work	TNDSS & MORTH No:	RATE IN Rupees		UNIT	
					in Figure	in WORDS		
6	46.00	m3	Providing and laying Bituminous concrete to 30mm thick using 0.13 cum of 19.00-9.50 mm graded metal and 0.17 cum of 9.50-2.36 mm graded metal and 0.26 cum of 2.36 mm & below metal with 50.30 kgs of 60/70 bitumen & including cost and conveyance of all materials to C M P site, heating the bitumen and aggregates to required temperature and mixing them in required temperature in central hot mix plant 20-30 tonnes capacity conveying the mix by tipper trucks to paver site, spreading the mix in required temperature for uniform thickness of 40 mm with mechanical paver to the specified grades and cross sections and compaction by 80-100 KN power roller to the required density etc., including labour charges for loading bitumen in to bitumen tank and metal to feeder unit, labour for attending to paver site etc., including hire charges and fuel charges for 20-30t C M P with bitumen boiler, tipper trucks, paver finisher, power rollers and all other tools and plants required, including all other incidental charges etc., complete using C M P clause 507 of MORTH Rev-5 specifications.	507 of MORTH Rev-5			1 M3 (One Cubic Metre)	
(Schedule Items one to Seven (1 to 6 Only))								

Junior Engineer  
Town Panchayats  
Sankar Nagar (H.Q)

Assistant Executive Engineer  
Town Panchayats  
Tirunelveli Dist