

THIRUVATTAR TOWN PANCHAYAT

SCHEDULE - A

Schedule of Rates and Approximate Quantities

- a) The quantities have given are those upon which the lump-sum tender cost at the work is caused but they are subject to alterations, omissions, deductions or additions as provided for in the conditions of the contract and do not necessarily show the actual quantities of the work to be done. The unit of rates noted below are those governing payment for extras or deductions for omission according to the conditions of the contract as set forth in the conditions and specification for the contract.
- b) It is to be expressly understood that the measured work it is to be taken out (Not withstanding any customarily practice to the contrary according to the actual quantities when the place and finished accordingly to the Drawings or as may be ordered time to time by the Assistant Executive Engineer at the cost calculated by works connected there with. The rate quoted is for the works in site and complete in every respect.
- c) The material required for the works must be supplied by the contractor and of the approved quality.

NAME OF WORK

Strengthening of BT road from Palankonam Thiruvarambu (via Therivilai) park road in Thiruvattar Town Panchayat.

Scheme Name **NABARD (RIDF-XXVII)**

Schedule Issued to M/s :

Estimate Amount : **Rs. 5400000/-**

Schedule Cost ` :

Tender Date :

Remitted Vide Chellan No. :

Closing Time :

Date :

Opening Time :

**EXECUTIVE OFFICER
TOWN PANCHAYAT
THIRUVATTAR**

EMD Rupees () :

TENDER SCHEDULE

Sl. No.	Probable Quantity	Description of Work	TNDSS & MORTH No.	Unit	Rate in		Amount in () Rupees
					Figures	Words	
1	2	3	4	5	6	7	8
1.	225.00 m ³	Earth work excavation for foundation and depositing on bank with in the initial lead of 10 m 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. complete. complying with standard specifications 20B TNDSS No:23 & 24.	TNBPSS No:39F	1m ³ (one cubic metre)			

Signature of Contractor Address

Sl. No.	Probable Quantity	Description of Work	TNDSS & MORTH No.	Unit	Rate in		Amount in (₹) Rupees
					Figures	Words	
1	2	3	4	5	6	7	8
2.	141.00 m³	Providing and laying, spreading and compacting graded stone aggregates to Wet Mix Macadam 125 mm thick specification including premixing the materials with water at OMC in mechanical mix plant carriage of mixed material by tipper to site laying in uniform layers with pavers in Sub Base / Base course on well prepared surface and compacting with vibratory roller to achieve the desired density including cost of material, labour charges, rentals for machinery, fuel and all other incidental charges etc complete as per clause 406 of MORTH Rev-5.	Clause 406 of MORTH Rev-5.	1m³ (one cubic metre)			
3.	1125.00 m²	Providing and laying Prime Coat over WMM surface using 7 Kgs of Emulsion Bitumen (SS1) per 10 m² for preparatory to another bituminous construction over it, including cost of material, labour charges, rentals for machinery, fuel and all other incidental charges etc., complete as per Clause 502 of MORTH Rev 5.	Clause 502 of MORTH Rev5.	1m² (one square metre)			
4.	1125.00 m²	Providing and laying Tack Coat over WMM surface (treated with primer) using 2.50 kg of Bitumen Emulsion (RS-1) per 10 m² for preparatory to another bituminous construction over it including cost of material, labour charges, rentals for machinery, fuel and all other incidental charges etc complete as per clause 503 of MORTH	clause 503 of MORTH Rev-5	1m² (one square metre)			
5.	4114.00 m²	Providing and laying Tack Coat over existing BT surface (treated with primer) using 2 kg of Bitumen Emulsion (RS-1) per 10 m² for preparatory to another bituminous construction over it including cost of material, labour charges, rentals for machinery, fuel and all other incidental charges etc complete as per clause 503 of MORTH	clause 503 of MORTH Rev-5	1m² (one square metre)			

Signature of Contractor Address

Sl. No.	Probable Quantity	Description of Work	TNDSS & MORTH No.	Unit	Rate in		Amount in (₹) Rupees
					Figures	Words	
1	2	3	4	5	6	7	8
6.	262.00 m³	Providing and laying 50 mm consolidated thick Dense Bituminous Macadam using 0.24 m³ of 26.50-13.20 mm, 0.25 m³ of 13.20-2.36 mm and 0.23 m³ of 2.36 mm & below and with 53.20 Kgs of VG30 bitumen for premixing per 10 m² including cost and conveyance of all materials to CMP site, heating the bitumen and aggregate to required temperature and mixing them in required temperature in central hot mix plant 20-30 ton capacity, conveying the mix by tipper trucks to work site, spreading the mix to uniform thickness of 50mm with paver to the specified grades and cross sections and compacted by Vibratory / Pneumatic Roller to the required density etc including labour for attending to paver at site etc including hire charges and fuel charges for 20-30 t CMP with bitumen boiler, tipper trucks, Paver Finisher / 9 m paver finisher, Vibratory / Pneumatic rollers and all other tools and plant required, including fuel and all other incidental charges etc., complete as per specification using CMP as per clause 505 MORTH Rev-5.	clause 505 MORTH Rev-5.	1m³ (one cubic metre)			
7.	158.00 m³	Providing and laying Bituminous Concrete to 30 mm thick using 0.13 m³ of 19.00-9.50 mm, Providing and laying Bituminous Concrete to 30 mm thick using 0.13 m³ of 19.00-9.50 mm, 0.17 m³ of 9.50-2.36 mm and 0.26 m³ of 2.36 and below with 50.30 Kgs of VG30 bulk bitumen for premixing per 10 m² including cost and conveyance of all materials to CMP site, heating the bitumen and aggregate to required temperature and mixing	clause 507 of MORTH Rev-5.	1m³ (one cubic metre)			

Signature of Contractor Address

Sl. No.	Probable Quantity	Description of Work	TNDSS & MORTH No.	Unit	Rate in		Amount in (₹) Rupees
					Figures	Words	
1	2	3	4	5	6	7	8
		them in required temperature in central hot mix plant 20-30 ton capacity, conveying the mix by tipper trucks to paver site, spreading the mix to uniform thickness of 40 mm with mechanical paver to the specified grades and cross sections and consolidated by 8-10 tonne Vibratory / Pneumatic Roller to the required density etc, including labour for attending to paver to site etc, including hire charges & fuel charges for 20-30 t CMP with bitumen boiler, tipper trucks, Paver Finisher / 9 m paver finisher, Vibrator / Pneumatic roller and all othertools and plant required, including fuel and all other incidental charges etc., complete as per specification using CMP as per clause 507 of MORTH Rev-5.					
		MAINTENANCE					
		Towards the charges for routine maintenance of the road work executed under NABARD SCHEME including dressing of berms by refilling the gully with the earth from borrow pits, cleaning of wild seasonal growth on berms, destilting of side drains and CD works, white washing guard stones, painting of KM, HM stones, parapets, cutting of branches of trees, refixing displaced guard stones, caution boards, speed limit boards etc., with the periodicity for the above activities as prescribed in IRC-SP-20:2002 and as directed by the departmental officers except for the constructional defects which has to be rectified by the contractor at his own cost.					
8.		Clearing and Grubbing by Light Jungle removing and disposing of all materials such as bushes, shrubs, stumps, roots, grass, weeds, top organic soil not exceeding 150mm in thickness as rubbish including all other incidental charges etc., complete as per MORTH Specification 111, 112, 201.					
	838.20 m ²	Upkeeping 1st year (50%)		1m ² (one square metre)			
	1005.84 m ²	Upkeeping 2nd year (60%)		1m ² (one square metre)			
	1005.84 m ²	Upkeeping 3rd year (60%)		1m ² (one square metre)			

Signature of Contractor Address

Sl. No.	Probable Quantity	Description of Work	TNDSS & MORTH No.	Unit	Rate in		Amount in (₹) Rupees
					Figures	Words	
1	2	3	4	5	6	7	8
	1005.84 m ²	Upkeeping 4th year (60%)		1m ² (one square metre)			
	1005.84 m ²	Upkeeping 4th year (60%)		1m ² (one square metre)			
9.		Earth Work excavating and deposing on bank with initial lead of 10m & initial lift of 2m in Hard stiff clay, Stiff black cotton, hard red earth, shales, murrum, gravel, stoney earth and earth mixed with small size boulders SS20A for making up the berms. as per clause 111, 112, 201, 202, 301 to 305 & 900 of MORTH Vth Revision [Twice in a year]					
	125.73 m ³	Upkeeping for 1st year (40%)		1m ³ (one cubic metre)			
	125.73 m ³	Upkeeping for 2nd year (40%)		1m ³ (one cubic metre)			
	125.73 m ³	Upkeeping for 3rd year (40%)		1m ³ (one cubic metre)			
	125.73 m ³	Upkeeping for 4th year (40%)		1m ³ (one cubic metre)			
	125.73 m ³	Upkeeping for 5th year (40%)		1m ³ (one cubic metre)			
10.		Tack coat - Providing and applying tack coat with bitumen emulsion (RS-I type) using emulsion pressure distributor at the rate of 0.20 kg/sqm on the prepared bituminous/ granular surface cleaned with mechanical broom as per clause 503					
	157.16 m ²	Upkeeping for 4th year (40%)		1m ² (one square metre)			
	261.94 m ²	Upkeeping for 5th year (40%)		1m ² (one square metre)			

Signature of Contractor Address

Sl. No.	Probable Quantity	Description of Work	TNDSS & MORTH No.	Unit	Rate in		Amount in (₹) Rupees
					Figures	Words	
1	2	3	4	5	6	7	8
11.		Providing and laying Bituminous Concrete 30mm Consolidated thick using 0.13 cum of 19.00 – 9.50mm, 0.17 cum of 9.50-2.36mm and 0.26 cum of 2.36 mm & below with 50.30 kgs of 60/70 Grade Bulk bitumen cost and conveyance of all materials to CMP site, heating the bitumen and aggregates to required temperature and mixing them in required temperature in central hot mix plant 20 – 30 ton capacity, Conveying the mix by tipper trucks to paver site, spreading the mix to uniform thickness of 40 mm with mechanical pavers to the specified grades and cross sections and compaction by Vibratory/Pneumatic rollers to the required density etc., including labour for loading bitumen into bitumen tank and Metal to feeder unit, labour for attending to paver site etc., including hire charges and fuel charges for 20 – 30 ton CMP With bitumen boiler tipper,trucks, paver Finisher/9M, Vibrator rollers and all other tools and plants required,including all other incidental charges etc complete as per standard specification using CMP C					
	4.71 m³	Upkeeping for 4th year (40%)		1m³ (one cubic metre)			
	7.86 m³	Upkeeping for 5th year (40%)		1m³ (one cubic metre)			

(Approved schedule Item No. 1 to 11 Only)

JUNIOR ENGINEER
TOWN PANCHAYATS
KULASEKHARAM (HQ)

ASSISTANT EXECUTIVE ENGINEER
TOWN PANCHAYATS
NAGERCOIL ZONE

Number of Correction :
Number of Over Writing :

Signature of Contractor Address