

THIRUNALLAR COMMUNE PANCHAYAT

Name of work : Improvements to the Poo-mangalam pet road in Thirunallar.

Sl. No	Description of Item	Qty	Per	Rate in Figures	Rate in words	Total
1.	Code No 2.8.1 Earthwork in excavation in foundation trenches or drains (not exceeding 1.5m in width or 10sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5m including getting out the excavated soil and disposal of surplus excavated soil as directed within a lead of 50m – all kinds of soil.	97.00 Cum	1 Cum (one Cubic metre)			
2.	Code No 2.28 Supplying and filling in plinth with river sand under floors including, watering ramming consolidation and dressing complete.	9.00 Cum	1 Cum (one Cubic metre)			
3.	Code No 4.5.10 Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering. All work upto plinth level 1:5:10 (1 cement : 5 sand : 10 graded stone aggregate 40mm nominal size).	14.00 Cum	1 Cum (one Cubic metre)			
4.	Code No 6.1.10 Brick work with bricks of class designation 35 in foundation and plinth in cement mortar 1:6 (One cement: six sand)	118.00 Cum	1 Cum (one Cubic metre)			

Sl. No	Description of Item	Qty	Per	Rate in Figures	Rate in words	Total
5.	Code No 30.13 Providing and laying brick block of size 0.34x0.34x0.30mts.In CM 1:4 (1 cement: 4fine sand) using well burnt country bricks of class designation 35 for apron and revetment including leveling the bed ,laying to the required levels, slop etc., complete as directed by the Engineer-in-charge.	39.00 Cum	1 Cum (one Cubic metre)	5.		
6.	13.56.1 Pointing on brick work with cement mortar 1:3 (1cement :3 fine sand) – Flush pointing.	168.00 Sqm	1 Sqm (one Square metre)			
7.	Code No13.8.4 12mm cement plaster of mix 1:6 (1 cement : 6sand)	316.00 Sqm	1 Sqm (one Square metre)			
8.	NSR 60 Providing and laying unscreened gravel boulders to a consolidated thickness of 15cm for sub base course including conveyance of site, loading unloading and stacking to departmental gauge on road side for pre-measurement and spreading watering, power rolling etc., complete . the volume of stacks calculated as per actual measurement shall be reduced by 15% for looseness in stacking to arrive at the quantity. The rate to include labour charges for spreading and hand packing to required camber employed, diversion of traffic barricading arrangements, etc., complete as directed by the Engineer-in-charge.	120.00 Cum	1 Cum (one Cubic metre)			

Sl. No	Description of Item	Qty	Per	Rate in Figures	Rate in words	Total
9.	CodeNo 4.91B Providing, laying spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing rolling with smooth three wheeled steel roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite crushable type such as moorum/gravel for screening and gravel for binding to fill up the interstices of coarse aggregate, watering and compacting to the required density – by manual means – water bound macadam Gr-I with gravel screening. (As per MoRTH specification 4 th revision).	38.00 Cum	1 Cum (one Cubic metre)			
10.	CodeNo4.92C Providing, laying spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing rolling with smooth three wheeled steel roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite crushable type such as moorum/gravel for screening and gravel for binding to fill up the interstices of coarse aggregate, watering and compacting to the required density – by manual means – water bound macadam GR-II either moorum or gravel screening. (As per MoRTH specification 4 th revision)	121.00 Cum	1 Cum (one Cubic metre)			
11.	Code No 6.1 Cleaning the existing W.B.M road surface including removing of binding material and other foreign matter with wire brushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment. As per clause no 502.4.2 and 503.3.1 of MOST specification.	1605.00 Sqm	1 Sqm (one Square metre)			

Sl. No	Description of Item	Qty	Per	Rate in Figures	Rate in words	Total
12.	Code No 6.5F.1 Providing and applying tack coat on the prepared surface, heating bitumen in boiler and spraying the bitumen with spray set fitted on bitumen boiler –on granular base such as WBM and WMM surfaces not bitumen primed. Rate of application 10kg/10sqm.	1605.00 Sqm	1 Sqm (one Square metre)			
13.	Code No 6.11B Providing and laying open graded premix carpet 20mm thick on prepared surface in a single course as wearing course composed of specified size of stone aggregates premix with a bituminous binder in mini hot mix plant 6 to 10 tonne laying manually and rolling with power roller 8 to 10 tonne but excluding cost of primer/tack coat. As per clause no 509 of MOST Specification.	1605.00 Sqm	1 Sqm (one Square metre)			
14.	Code No 6.17 Providing and applying premixed seal coat type 'B' comprising of thin application of fine aggregate premix with bitumen binder in mini hot mix plant, carriage manually of mixed material and laying and rolling with power roller 8 to 10 tonne. As per clause no 513 of MOST specification.	1605.00 Sqm	1 Sqm (one Square metre)			