

**THIRUNALLAR COMMUNE PANCHAYAT**

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**Name of work** : Improvements to the Railady pet road in Thirunallar.

<b>Sl. No</b>	<b>Description of Item</b>	<b>Qty</b>	<b>Per</b>	<b>Rate in Figures</b>	<b>Rate in words</b>	<b>Total</b>
<b>1.</b>	<b>NSR 60</b> 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.	243.00 Cum	1 Cum (one Cubic metre)			
<b>2.</b>	<b>CodeNo 4.91B</b> 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 <sup>th</sup> revision).	138.00 Cum	1 Cum (one Cubic metre)			

Sl. No	Description of Item	Qty	Per	Rate in Figures	Rate in words	Total
3.	<b>CodeNo4.92C</b> 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 <sup>th</sup> revision )	104.00 Cum	1 Cum (one Cubic metre)			
4.	<b>Code No 2.8.1</b> 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.	48.00 Cum	1 Cum (one Cubic metre)			
5.	<b>Code No 2.28</b> Supplying and filling in plinth with river sand under floors including, watering ramming consolidation and dressing complete.	39.00 Cum	1 Cum (one Cubic metre)			
6.	<b>Code No 4.5.10</b> 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).	16.00 Cum	1 Cum (one Cubic metre)			

Sl. No	Description of Item	Qty	Per	Rate in Figures	Rate in words	Total
7.	<b>Code No 4.5.5</b> Providing and laying in position cement concrete of specified grade excluding the cost of centering shuttering all work up to plinth level 1:3:6(one cement, three sand, six graded stone aggregate 20mm nominal size).	25.00 Cum	1 Cum (one Cubic metre)			
8.	<b>Code No 4.5.3</b> Providing and laying in position cement concrete of specified grade excluding the cost of centering shuttering all work up to plinth level 1:2:4(one cement, two sand, four graded stone aggregate 20mm nominal size).	43.00 Cum	1 Cum (one Cubic metre)			
9.	<b>Code No 4.9.2</b> Centring and shuttering including strutting, propping etc., and removal of form work for retaining wall,return walls, walls (any thickness) including attached pilasters buttresses plinth and string courses fillets etc.	503.00 Sqm	1 Sqm (one Square metre)			
10.	<b>Code No 11.4.1</b> Cement concrete flooring 1:2:4 ( 1 cement : 2 coarse sand 4 stone aggregate) finished with a floating coat of neat cement including cement slurry rounding off edges and strips etc.,, but excluding the cost of nosing of steps etc., complete 25mm thick with 12.5mm nominal size stone aggregate.	252.00 Sqm	1 Sqm (one Square metre)			
11.	<b>Code No13.8.3</b> 12mm cement plaster of mix 1:5 ( 1 cement : 5sand)	565.00 Sqm	1 Sqm (one Square metre)			
12.	<b>Code No 5.29.3B</b> Reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete Thermo Mechanically Treated Bars(TMT).	300.00 Kgs	1Kg(one kilo gramme )			

Sl. No	Description of Item	Qty	Per	Rate in Figures	Rate in words	Total
13.	<b>Code No 5.19</b> Providing, hoisting and fixing upto floor five level pre-cast reinforced cement concrete in string coursed bands, copings, bed plates, anchor blocks, plain window sills and the like including the cost of required centring, shuttering finishing smooth with 6mm thick cement plaster 1:3 ( one cement , three sand) on exposed surfaces complete but excluding cost of reinforcement with 1:2:4 ( one cement , two sand, four graded stone aggregate 20mm nominal size).	3.00 Cum	1 Cum (one Cubic metre)			
14.	<b>Code No 6.1</b> 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.	1377.00 Sqm	1 Sqm ( one Square metre)			
15.	<b>Code No 6.5F.1</b> 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.	1377.00 Sqm	1 Sqm ( one Square metre)			
16.	<b>Code No 6.11B</b> 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.	1377.00 Sqm	1 Sqm ( one Square metre)			

