

## SCHEDULE OF QUANTITIES

**Name of work :** Improvements to internal road of VOC Nagar at Poovam in Kotucherry Commune.

Sl. No.	Sub heads and item of work	Quantity	Per	Rate in		Amount
				Figure	Words	
1	Making 50 x 50mm furrows, 25mm deep 45 degree to the centre line of the road and at one metre interval in the existing thin bituminous wearing coarse including sweeping and disposal of excavated material within 1000 metres lead. (As per MoRTH specification, 4th Revision)	1748.00 Sqm	1 Sqm (One Square Metre)			
2	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, 4th Revision)	5.00 Cum	1 Cum (One Cubic Metre)			
3	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 3 wheeled steel roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite Crushable type such as moorum or 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 with moorum or gravel screening. (As per MoRTH specification, 4th Revision)	132.00 Cum	1 Cum (One Cubic Metre)			
4	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.	1748.00 Sqm	1 Sqm (One Square Metre)			
5	Providing and applying tack coat on the prepared surface, heating bitumen in boiler and spraying the bitumen with sprayset fitted on bitumen boiler - on granular base such as WBM and WMM surfaces not bitumen primed. Rate of application 10kg/10sqm.	1748.00 Sqm	1 Sqm (One Square Metre)			
6	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.	1748.00 Sqm	1 Sqm (One Square Metre)			

Sl. No.	Sub heads and item of work	Quantity	Per	Rate in		Amount
				Figure	Words	
7	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.	1748.00 Sqm	1 Sqm (One Square Metre)			
8	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm 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.	45.00 Cum	1 Cum (One Cubic Metre)			
9	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering all works upto plinth level 1:5:10 (1 cement : 5 sand : 10 graded stone aggregate 40mm nominal size).	6.00 Cum	1 Cum (One Cubic Metre)			
10	Centring and shuttering including strutting, propping etc.and removal of form for Foundations , footings, bases of columns, etc. for mass concrete.- Using steel sheet with M.S.frames	320.00 Sqm	1 Sqm (One Square Metre)			
11	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering.- All work upto plinth level -1:3:6 (1 cement:3coarse sand : 6 graded stone aggregate 20mm nominal size)	72.00 Cum	1 Cum (One Cubic Metre)			
12	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50m and lift upto 1.5m.	45.00 Cum	1 Cum (One Cubic Metre)			
13	6mm cement plaster of mix 1:3 (1 cement : 3 fine sand).	160.00 Sqm	1 Sqm (One Square Metre)			