

BILL OF QUANTITIES**ROAD WORK**

S No.	DSR-2007 (Reprint 2010)	DESCRIPTION	UNIT	QTY	RATE (in Rs)	AMOUNT (in Rs)
XVI ROAD WORKS						
	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - all work upto plinth level.				
	4.1.8	1:4:8 (1 cement:4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	Cu.M	1.35	2449.00	3306.15
	16.1	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm. depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth lead upto 50 metres.	Sq.M	101.25	33.90	3432.38
	16.2	Extra for compaction of earth work in embankment under optimum moisture conditions to give at least 95% of the maximum dry densite (proctor density).	Cu.M	35.44	4.50	159.48
	16.3	Supplying and stacking at site.				
	16.3.1	90 mm to 45 mm size stone aggregate	Cu.M	10.13	742.30	7519.50
	16.3.2	63 mm to 45 mm size stone aggregate	Cu.M	10.13	768.45	7784.40
	16.3.3	53 mm to 22.4 mm size stone aggregate	Cu.M	10.13	810.55	8210.87
	16.4	Laying spreading and compacting stone aggregate of specified sizes to WBM specifications including spreading in uniform thickness, hand picking, rolling with 3 wheeled road / vibratory roller 8-10 tonne in stages to proper grade and camber, applying brooming requisite type of screening / binding material to fill up interstices of coarse aggregate watering and compacting to the required density.	Cu.M	30.38	192.55	5849.67
	16.6	Supplying, stacking and Spreading 6 mm thick red bajri, watering and rolling complete including preparation of the surface and rolling.				
	16.6.1	With road roller / hand roller.	Sq.M	101.25	6.70	678.38

S No.	DSR-2007 (Reprint 2010)	DESCRIPTION	UNIT	QTY	RATE (in Rs)	AMOUNT (in Rs)
	16.30	Providing and applying tack coat using hot straight run bitumen of grade 80 / 100 including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specifications:				
	16.30.1	On W.B.M. @ 0.75 kg / sqm.	Sq.M	101.25	23.90	2419.88
	16.33	2.5 cm premix carpet surfacing with 2.25 cum and 1.12 cum of stone chippings of 13.2mm and 11.2mm size respectively per 100 sqm and 52 kg. and 56 kg. of hot bitumen per cum of stone chippings of 13.2 mm and 11.2 mm size respectively including a tack coat with hot straight run bitumen including consolidation with road roller of 6 to 9 tonne capacity etc. complete. (tack coat to be paid for separately):				
	16.33.1	With paving Asphalt 80/100 heated and then mixed with solvent at the rate of 70 grams per kg of asphalt.	Sq.M	101.25	100.35	10160.44
	16.48	Painting road surface markeing with adequate No. of coats to IS: 164, on bituminous surface in white/yellow shade including cleaning the surface of all dirt, scales, oil, grease and foreign material etc. complete				
	16.48.1	New work (Two or more coats)	Sq.M	15.19	58.10	882.54
	16.63	Providing and laying and making kerb channel 30cm wide and 50 mm thick of cement concrete 1:3:6 (1 cement: 3 coarse sand:6 graded stone aggregate 20mm nominal size) over 75mm bed of dry brick ballast 40 mm nominal size well rammed and consolidated and grouted with fine sand including finishing the top smooth etc. complete and as per direction of Engineer-in-charge	Sq.M	13.50	198.80	2683.80
	16.69	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement in position to the required line, level and curvature jointed with cement mortar 1:3 (1 cement: 3 coarse sand) including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm) including making drainage opening wherever required ccomplete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge)	Cu.M	3.71	4252.70	15777.52
					TOTAL [XVI]	68864.99