

**Name or work: Construction of road from Security Barrack - II to Cricket stadium Entry gate NIT Silchar.**

Length of the Road = 200.00 RM

Completion period: 60 days.

**Schedule of Rate**

<b>Sl. No.</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Quantity</b>
1	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5cm 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 with lead upto 50 metres.	Sqm	1000.00
2	Supplying, Laying & compacting of GSB (size range 75 mm to 0.075 mm) including carriage of mixed material by tippers to work site, for all leads & lifts, spreading in uniform layers of specified thickness on prepared surface and compacting with roller etc complete as per specifications and directions of Engineer-in-Charge	Cum	160.00
3	Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm ) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads & lifts, laying in uniform layers with mechanical paverfinisher in sub- base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge.	Cum	240.00
4	2.5 cm premix carpet surfacing with 2.25 cum and 1.12 cum of stone chippings of 13.2 mm and 11.2 mm 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). With paving Asphalt grade VG - 10 heated and then mixed with solvent at the rate of 70 grams per kg of asphalt	Sqm	800.00
5	Providing and laying seal coat over prepared surface of road with bitumen heated in bitumen boiler fitted with the spray set spraying using 98 kg of bitumen of grade VG - 10 and blinding surface with 0.90 cum of stone aggregate of 6.7 mm size (Passing 11.2 mm sieve and retained on 2.36 mm sieve) per 100 sqm of road surface, including rolling and finishing with power road roller all complete.	Sqm	800.00
6	Supplying, stacking & laying at site - Good earth including compacting etc all complete.	Cum	120.00
7	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete : 250 mm dia. R.C.C. pipe	Rmt	10.00
8	Providing and applying tack coat using bitumen emulsion conforming to IS: 8887, using emulsion pressure distributor including preparing the surface & cleaning with mechanical broom. <u>With rapid setting bitumen emulsion.</u>		
	(a) On W.B.M / W.M.M. @ 0.4kg/sqm	Sqm	800.00
	(b) On bituminous surface @ 0.25kg/sqm	Sqm	800.00

Total Estimated Cost: Rs. 20,97,347.00 over DSR 2016 with 55.88% cost Index &amp; 1% Labour Cess.

<b>Quoted Rate in percentage (%) over estimated cost (In word &amp; fig)</b>	
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