

**Name of Work: Construction of road Hostel No. 5 to KV School junction point & Inside the Hostel No. 8 to Hostel No. 5 at NIT Silchar.**

Length of the Road = 140.00 Rm, Width of the road = 3.75 Rm

Completion period: 30 days.

OR:

CR:

OM:

**Schedule of Rate**

Sl. No.	Description of Item	Unit	Quantity
1	Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material within all lifts and lead upto 1km (by mechanical means)	Sqm	1050.00
2	Supplying and stacking at site - 53 mm to 22.4 mm size stone aggregate	Cum	140.00
3	Supplying and stacking at site - Stone screening 13.2 mm nominal size (Type A)	Cum	80.00
4	Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 wheeled road / vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, watering and compacting to the required	Cum	178.00
5	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	915.00
6	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	915.00
7	Providing and applying tack coat using bitumen emulsion conforming to IS: 8887, using emulsion pressure distributor including preparing the surface & cleaning with mechanical broom. With rapid setting bitumen emulsion		
	(a) On W.B.M / W.M.M. @ 0.4kg/sqm	Sqm	915.00
	(b) On bituminous surface @ 0.25kg/sqm	Sqm	915.00

<b>Sl. No.</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Quantity</b>
8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:1.5:3 proportion	Cum	3.00
9	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	84.00
6	Supplying, stacking & laying at site - Good earth including compacting etc all complete.	Cum	56.00
10	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : In prop 1cement: 3 sand : 6 coarse aggregate by volume	cum	1.50
11	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)	Cum	3
12	12 mm cement plaster finished with a floating coat of neat cement of mix : 1:4 (1 cement: 4 fine sand)	Sqm	45
13	Centering and shuttering including strutting, propping etc. and removal of form work for : Foundation	Sqm	20.00

Total Estimated Cost: Rs. 15,53,107.00 over DSR 2016 with 55.88% cost Index and 1% labour cess.

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