

OFFICE OF THE MUNICIPAL CORPORATION, DURG (C.G.

Detailed Estimate of construction BT Road at Ward No. 11 Shankar Nagar, From Budh Vihar Chowk to Kurmi
other places. Durg

SN	SOR	Description	NO	L	B	D/H	(Based on PWD road SOR)	
							QTY	Unit
1		Scarifying Existing Granular surface to a Depth of 50 mm Scarifying the existing granular road surface to a depth of 50 mm and disposal of scarified material within all leads & lifts.	1	463	4		1852	sqm
2	5.2	Tack coat Providing and applying tack coat with bitumen emulsion (RS-1, grade confirming to IS:8887) using emulsion pressure distributor on the prepared bituminous/granular surface cleaned with mechanical broom and as per clause 503						
	(i)	cement concrete @ 0.35 kg /Sqm	1	463.00	4.00		1852.00	
							1852.00	sqm
3	1.18	Dense Bituminous Macadam (Providing and laying dense bituminous macadam with minimum 40-60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder @ 4.0 to 4.5% by weight of total mix of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No.505 complete in all respects.)						
		With sensor paver finisher						
		for Grading-II(26.5 mm nominal size bitumen content 4.50%)	1	463.00	4.00	0.06	111.12	
							111.12	cum
4	3.1	Bituminous Concrete (Providing and laying bituminous concrete with minimum 40-60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.0 to 6.0% by weight of total mix of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in						
		for Grading II (13.2 mm nominal size) with bitumen 6.0 %						
	3.1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).	1	463.00	4.00	0.03	55.56	
							55.56	cum

