

**OFFICE OF THE MUNICIPAL CORPORATION OF BHILAI**

**ZONE-05 SECTOR 06**

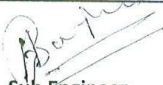
**NIT**

**Detailed Estimate for repairing of BT road from MIG-1,745 & MIG-2,37 and in hudco area -**

(Based on PWD Road SOR Wef from Dated 01-01-2015)

S. No.	SOR Ref	DESCRIPTION	QTY	UNIT
1	2	3	8	9
1	2.5 A	Dismantling of flexible pavements and disposal of dismantled materials up to a lead of 1000 meters, stacking serviceable and unserviceable materials separately and as per relevant clauses of section-200. Bituminous courses	36	cum
2	5.1 (i)	Prime coat (Providing and applying primer coat with oil based bitumen emulsion (SS-1, grade confirming to IS:8887) on prepared surface of granular Base including clearing of road surface and spraying primer using mechanical means as per clause 502. on WBM/WMM surface @0.85 Kg/sqm	360	sqm
3	5.4 B (ii)	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 mechanical paver finisher for Grading-II(26.5 mm nominal size bitumen content 4.50%)	27	cum
4	5.2 (i)	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. Bituminous surface @ 0.25 kg /Sqm	400	sqm
5	5.5 B (iii)	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 all respects)With mechanical paver finisher for Grading II (13.2 mm nominal size) with bitumen 6.0%	20	cum
6	8.13	Road Marking with Hot Applied Thermoplastic Compound with Reflectorizing Glass Beads on Bituminous Surface (Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorizing glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35-1997. The finished surface to be level, uniform and free from streaks and holes.)	20	sqm

  
**Asst. Engineer**  
**Municipal Corporation**  
**Bhilai**

  
**Sub Engineer**  
**Municipal Corporation**  
**Bhilai**