

OFFICE OF MUNICIPAL CORPORATION BILASPUR (C.G.)

DETAILED ESTIMATE FOR

As per CGPWD Road SOR 2025 and CGPHE SOR 2020

S. NO.	SOR REFERENCE NO.	ITEM DESCRIPTION	NOS.	L (M)	W (M)	D (M)	QTY	UOM	RATE (INR)	AMOUNT SOR ITEM (INR)
1	CG PWD ROAD SOR 2025 5.4 (B)/24	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%)	1.00	1000.00	5.20	0.05	260.00	Cum	7808.00	2030080.00
2	CG PWD ROAD SOR 2025 5.2/23	Tack coat Providing and applying tack coat with bitumen emulsion (RS-1, grade conforming to IS:8887) using emulsion pressure distributor on the prepared bituminous/granular surface cleaned with mechanical broom and as per clause 503. (i) Bituminous surface @ 0.25 kg /Sqm	1.00	1000.00	5.20		5200.00	Sqm	15.00	78000.00
3	CG PWD ROAD SOR 2025 5.7/25	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 cement as a 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. 507 complete in all respects)	1.00	1000.00	5.20	0.025	130.00	Cum	9607.00	1248910.00
4	CG PWD ROAD SOR 2025 8.22/49	Road Marking with Hot Applied Thermoplastic Compound with Reflectoring Glass Beads on Bituminous Surface Providing and laying of hot applied thermoplastic compound as per MoRTH Grade 2.5 mm thick including reflectoring glass beads @250 gms per sqmarea, 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.								
		ii) Up to 10 cm in width								
		Road Middle @3 meter interval	2.00	1000.00	0.10		67.00			
		Road Median	1.00	500.00	0.10		50.00			
		Sub Total					117.00	Sqm	627.00	73359.00
		Total								3430349.00
		GST 18%								617462.82
		Grand Total								4047811.82
		In Lakh Rs								40.48

Sub Engineer
Municipal Corporation
Bilaspur CG

S. No. 01 Date 02.04.2026
Mpl. corporation BSP Rupees 34.30 लाख

Is there by accorded for construction

of गुला डेपरी से शीलला मीडे र
रोड बी.टी. सिनिवल वर्म

Executive Engineer
Mpl. Corporation
Bilaspur (C.G.)