

OFFICE OF MUNICIPAL CORPORATION BILASPUR (C.G.)
DETAILED ESTIMATE FOR

As per CGPWD Road SOR 2025 and CGPHE SOR 2020

कपिल नगर ग्रामा नक्स एस्टिमेट के प्रति नीती रिनीवेल कायदा 60

O.	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 8.2/35	Cast in Situ Cement Concrete M20 Kerb with Channel (Construction of cement concrete kerb with channel with top and bottom width 115 and 165 mm respectively, 250 mm high in M20 grade PCC on M10 grade foundation 150 mm thick, kerb channel 300 mm wide, 50 mm thick in PCC M20 grade, sloped towards the kerb, kerb stone with channel laid with kerb laying machine, foundation concrete laid manually, all complete as per clause 409)	2.00	420.00			840.00	Meter	488.00	409920.00
1	CG PHE SOR 2020 26.15/314	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. On concrete work								
		Kerb Stone								
		a) Sides	1.00	420.00		0.15	63.00			
		b) Top	1.00	420.00	0.12		50.40			
		Sub Total					113.40	Sqm	118.00	13381.20
2	bridge SOR 2015	Drainage Spoute	1.00	150.00			150.00	No.s	2,007.00	301050.00
3	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	420.00	6.10	0.05	128.10	Cum	7808.00	1000205.00
4	CG PWD ROAD SOR 2025 5.2/23	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) Bituminous surface @ 0.25 kg /Sqm	1.00	420.00	6.10		2562.00	Sqm	15.00	38430.00
5	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) B) With mechanical paver finisher (iii) for Grading II (13.2 mm nominal size) with bitumen 6.0 %	1.00	420.00	6.10	0.025	64.05	Cum	9607.00	615328.35

Grav.

SOR REFERENCE NO.	ITEM DESCRIPTION	NOS.	L (M)	W (M)	D (M)	QTY	UOM	RATE (INR)	AMOUNT SOR ITEM (INR)
6 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 reflectorizing 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	420.00	0.10		28.00			
	Road Median	1.00	200.00	0.10		20.00			
	Sub Total					48.00	Sqm	627.00	30096.00
Total									2408410.55
GST 18%									433513.90
Grand Total									2841924.45
In Lakh Rs									28.42

Sub Engineer
Municipal Corporation
Bilaspur CG

S. No. 02 Date 02.04.2026

Mpl. corporation BSP Rupees 24.08 लाख

Is there by accorded for construction

of प्रीति नगर शर्मा नगर्य घरक के
प्रीति नगर शर्मा नगर्य घरक के

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