


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

Detailed Estimate of BT Renewal Work From Green Tent House to Baba Ata Cakki And Road ward -40 Durg

(Based on PWD road SOR)								
SN	SOR	Description	NO	L	B	D/H	QTY	Unit
1	5.1	Prime coat Providing and applying primer coat with 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.						
		(i) on WBM / WMM surface @0.85 kg/ sqm.	1	366	4.5		1647	
							1647	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) Bituminous surface @ 0.25 kg / Sqm	1	366	4.5		1647	
							1647	sqm
3	4.10	Granular Sub-base as per Table:- 400-1 Construction of granular sub-base by providing graded Material, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface watering, rolling and compacting with vibratory power roller at OMC to achieve the desired density, complete as per clause 401. Plant mix method (with Mechanically crushed stone only) For Sub-base cum drainage layer or upper sub-base with						
		Grading- IV Material	2.00	366.00	1.20	0.15	131.76	sqm
4	5.5	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.)						
	B	With mechanical paver finisher						
	ii	for Grading II (26.5 mm nominal size bitumen content 4.50%)	1	366	4.5	0.05	82.35	
							82.35	cum

5	5.7	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.						
	B	With Mechanical paver						
	ii	for Grading 1(19 mm nominal size aggregate) with CRMB 60-5.5%	1	366	4.5	0.035	57.645	
							57.645	cum
6	8.22	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.)						
			2	366	0.15		109.8	
							109.8	sqm
		Technical Sanctions is here.						
		Accorded for Rs. 20.00 Lacs						
		in words Rs. 20.00 Lacs						
		Vide estt. No. /TS/						
		19 Date 02/04/2016						
							Add 18% GST	


 Ex. Engineer
 Municipal Corporation
 DURG (C.G)


 Asst. Engineer
 Municipal Corporation
 DURG (C.G.)


 Sub-Engineer
 Municipal Corporation
 DURG