

AHMEDABAD MUNICIPAL CORPORATION

SOR -(Jan- 2016) Rate for Road Works Above 60 ft.

Sr.	Item Description	Rate	Per	Rate Reference		
				SOR	I.Code	P.no.
1	Box cutting the road surface in all sorts of soil, murrum to proper slope & camber for making a base for road work including removing the excavated stuff & depositing on the road side as directed upto 50.00 mt. Lead	64.74	Cmt.	R&B 2015-16	26008	14
2	Conveyance charge of earth, lime, murrum, building rubbish, manure, garbage, sludge, excavated rock, fly ash, aggregates of any kind Including spreading & levelling etc. complete.			R&B 2015-16	3.2.1 A	80
	a) Lead up to 3 Km.	111.88	Cmt			
	b) Lead up to 4 Km.	122.66	Cmt			
	c)Lead up to 5 Km.	133.18	Cmt			
	d)Lead up to 10 Km.	171.78	Cmt			
	e)Lead up to 15 Km.	206.13	Cmt			
3	Rolling of Earth Work in layers with power roller including filling in depressions which occurs during the process.	11.89	Cmt	R&B 2015-16	26002	12.00
4	Watering of Earth as Directed.	5.66	Cmt	R&B 2015-16	26003	12
5	Collecting carting, stacking , spreading and levelling coarse sand in 150 mm thick compacted layer including watering up to OMC ,rolling and consolidation with power roller etc complete as directed.	684.40	Cmt	RA-1		
6	Granular Sub-Base with Coarse Graded Material (Table:- 400- 2) (Construction of granular sub-base by providing coarse graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density, complete for Grade - III Material.	776.77	Cmt	RA-2		
7	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density as per MoRTH clause 406.	1271.86	cmt	RA-3		
	(A) Supply of WMM	1144.74	cmt			
	(B) Laying of WMM	127.12	cmt			

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8	Providing and applying primer coat with cationic bitumen emulsion SS1 grade conforming to IS:8887 on prepared surface of wet mix macadam including clearing of Wet mix macadam surface with air compressor to remove all loose material other foreign material. The primer shall be sprayed uniformly at the rate of 0.70-1.0 kg/sqm. It shall be applied by a self-propelled or towed bitumen pressure sprayer, equipped for spraying the material uniformly at a specified rate. No dilution or heating at site of RS1 bitumen emulsion shall be permitted.	30.82	Smt	RA-4		
9	Providing and applying tack coat with VG-10 Grade bitumen using bitumen pressure distributor at the rate of 0.20 kg/sqm on the existing bituminous surface cleaned with Air Compressor.	8.01	Smt	RA-5		
10	Dense Graded Bituminous Macadam (Providing and laying dense bituminous macadam with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ min 4.5% by weight of total mix, transporting the hot mix to work site, laying with a self-propelled paving machine equipped with an electronic sensing device to the required grade, level and alignment, rolling with 8-10 tonne static weight or vibratory roller or with a pneumatic tyre roller of 12 to 15 tonne weight to achieve the desired compaction as per approved design mix . for Grading-II (26.5 mm nominal size)	2628.59	MT	RA-6		
A	Producton of DBM as above (GRADE - II)	2488.59	MT			
B	Carting of DBM from Plant to Paver Site	90.00	MT	ARC Rate		
C	Only Laying of DBM using 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. 505 complete in all respects.	50.00	MT			
11	Bituminous Concrete (Providing and laying bituminous concrete with 100-120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ min. 5.4 % of mix, transporting the hot mix to work site, laying with a self-propelled paving machine equipped with an electronic sensing device to the required grade, level and alignment, rolling with 8-10 tonne static weight or vibratory roller or with a pneumatic tyre roller of 12 to 15 tonne weight to achieve the desired compaction as per approved design mix. for Grading-I (13 mm nominal size)	3006.61	MT	RA-7		
A	Producton of BC as Above.	2866.61	MT			
B	Carting of BC from Plant to Paver Site.	90.00	MT			

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C	Only Laying of BC using 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. 505 complete in all respects.	50.00	MT			
12	Providing and laying Asphalt painting on B.T. surface with bitumen grade 60/70 (VG-30) @ rate of 5 kg/10 smt by Mechanical sprayer and spreading the stone dust on prepared surface at the rate of 0.03 cum/10 smt. and rolling with smooth wheeled and penumatic roller and brushing etc. comp.	27.91	SMT	RA-8		
13	Repairing damaged M.H. and rasing M.H. up to road level incl. removing damaged brick work and repairing by brick masonry in C.M. 1:5 and plaster in C.M. 1:3 and fixing C.I. steps and existing MH sheet cover, removing the debris from MH and carting the same as directed. (Based on Drainage SOR 2009-10)					
	(A) up to 0.15 mt. (@ Two Coarse)	820.00	No.	ARC Rate		
	(B) up to 0.35mt. (@ Four Coarse)	1300.00	No.	ARC Rate		
	(C) up to 0.65 mt. (@ Seven Coarse)	2010.00	No.	ARC Rate		
	(D) up to 0.90 mt. (@ Ten Coarse)	2420.00	No.	ARC Rate		
14	Repairing damaged I.C./ Raising removing damaged brick work and repairing by brick masonry in C.M. 1:5 and plaster in C.M. 1:3 and fixing C.I. steps and existing chamber sheet cover, removing the debris from chamber and carting the same as directed. (Based on Drainage SOR 2009-10)	450.00	Nos.	ARC Rate		
15	Raising of Existing manhole. Item includes, cutting of existing road surround by Manhole by dimond cutter machine, dismantling of road in confined area by breaker machine and carting of dismantled material. Item also included necessary brick work to raise the manhole at road level in CM 1:3. Item also included fixing of Manhole frame at exact road level by using MasterEmaco S 488 trowelable fibre reinforced thixotropic repair mortar material, Laying of concrete made from MasterEmaco S 346 flowable micro concrete material in desired thickness and laying of hot mix bituminous material in upper layer and compaction of hot mix bituminous material by Plate compactor machine. Rate also included necessary plaster at inside of manhole in CM 1:3 in 20 mm thickness on raised brickwork.	7668.00	NOS.	Approve Rate		
16	Milling the existing bituminous pavement up to a depth of 50 mm by milling machine in a single cutting depth, to make a uniform surface without disturbing the base including diversion of traffic, removing milled materials and disposal of milled material to an approved dumping yard (within 12 km lead) including loading and unloading, all leads and lift, fuel, lubricant charges etc complete. Rate as per Surat Municipal Corporation tender	75.22	Smt	SMC RATE		

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17	Milling the existing bituminous pavement for a depth more than 50 mm but up to 100 mm by milling machine in a single cutting depth to make a uniform surface without disturbing the base including diversion of traffic, removing milled materials and disposal of milled material to an approved dumping yard (within 12 km lead) including loading and unloading, all leads and lift, fuel, lubricant charges etc complete.(For every increase in 10mm milling depth beyond 50mm-the rate will increase Rs.4.99 upto 100mm milling depth on Rs.75.22.) Rate as per Surat Municipal Corporation tender	100.18	Smt	SMC RATE		