

BAHAGIAN : 3.0 - KOS ITEM-ITEM KERJA
 SUB-BAHAGIAN : 3.9 - ROAD AND PAVING

Kawasan A - Perlis, Kedah & P. Pinang	Kawasan D - Johor
Kawasan B - Perak	Kawasan E - Pahang
Kawasan C - WP.KL.,Selangor	Kawasan F - Terengganu & Kelantan
N. Sembilan & Melaka	

BIL.	KETERANGAN KERJA	UNIT	KAWASAN A		KAWASAN B		KAWASAN C		KAWASAN D		KAWASAN E		KAWASAN F		KESELURUHAN	
			JULAT (RM)	PURATA (RM)	JULAT (RM)	PURATA (RM)	JULAT (RM)	PURATA (RM)	JULAT (RM)	PURATA (RM)	JULAT (RM)	PURATA (RM)	JULAT (RM)	PURATA (RM)	JULAT (RM)	PURATA (RM)
1	Prepare formation to receive sub-base material	M2	-	-	-	-	-	1.00	-	-	-	-	-	-	-	1.00
2	Grade road formation level to suitable gradient and cross fall well rolled to the required compaction.	M2	-	-	-	-	-	-	-	-	-	-	0.50 - 2.00	1.08	0.50 - 2.00	1.08
3	Scarify existing pavement	M2	-	-	-	-	-	4.00		1.25	-	-	-	-	1.25 - 4.00	2.63
	<u>Supply, spread and compact</u>															
4	Supply, spread, level and compact in layer suitable material to form road embankment, to profile and levels including trimming of side slope.	M3	-	8.00	-	20.00	-	-	-	-	-	-	-	-	8.00 - 20.00	14.00
5	Sand sub-base in various thickness	M3	-	-	-	35.00	-	31.00	-	-	-	-	20.00 - 40.00	29.00	20.00 - 40.00	31.67
6	100 mm Thick crusher aggregate filter layer	M3	-	20.00	-	35.00	-	-	-	-	-	-	-	-	20.00 - 35.00	27.50
7	Crusher run in various thickness	M3	-	28.00	28.00 - 39.00	34.00	30.00 - 45.00	37.50	38.00 - 40.00	39.00	-	-	33.00 - 50.00	38.10	28.00 - 50.00	35.32
8	Granular imported wearing course on top of farmroads and laybays	M3	-	10.00	-	-	-	-	-	-	-	-	-	-	-	10.00
9	Approved red earth	M3	-	-	-	9.00	-	-	-	-	-	-	-	-	-	9.00

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	<u>Supply, spread and compact (cont'd)</u>															
10	Quarry dust in various thickness	M3	-	-	25.00 - 38.00	31.5	-	-	-	-	-	-	-	40.00	25.00 - 40	35.75
11	Fill material (laterite) as wearing course	M3	-	-	-	-	17.00 - 19.00	18.00	-	-	-	-	-	-	17.00 - 19.00	18.00
12	Fill material (laterite) as road shoulders.	M3	-	-	-	-	15.00 - 19.00	17.00	-	6.50	-	-	-	-	6.50 - 19.00	11.75
13	Approved imported earth fill for sub grade and rolled to specified compaction.	M3	-	-	-	-	-	-	-	-	-	-	-	6.67	-	6.67
14	50 mm Thick asphaltic concrete binder course	M2	-	25.00	-	12.00	-	18.00	-	-	-	-	11.50 - 15.00	12.75	11.50 - 15.00	16.94
15	75 mm Thick ditto	M2	-	-	-	-	-	20.00	-	10.50	-	-	-	-	10.50 - 20.00	15.25
16	50 mm Thick asphaltic concrete wearing course	M2	-	30.00	-	12.00	14.00 - 22.00	18.00	-	7.00	-	-	10.00 - 12.50	11.25	7.00 - 30.00	15.65
17	100 mm Thick premix -----	M2	-	-	-	-	-	-	-	-	-	-	15.00 - 25.00	20.00	15.00 - 25.00	20.00
18	Apply bituminous prime coat uniformly	M2	-	1.00	-	0.50	1.90 - 5.50	3.70	-	-	-	-	0.80 - 1.80	1.10	0.50 - 5.50	1.58
19	Tack coat of bitumen emulsion spread evenly on finished surface of road base.	M2	-	-	-	-	-	-	-	-	-	-	0.80 - 2.50	1.18	0.80 - 2.50	1.18
20	Apply tack coat uniformly	M2	-	0.70	-	0.50	1.50 - 5.50	3.50	-	-	-	-	-	-	0.50 - 5.50	1.57

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21	Cut asphaltic concrete with premix cutter	M	-	-	-	-	-	-	-	-	-	-	-	80.00	-	80.00
22	75 mm Thick dense bituminous Maccadam surfacing.	M2	-	-	-	-	-	10.50	-	-	-	-	-	-	-	10.50
23	Apply one coat of 80/100 pen. Cutback bitumen binder on base course including 12 mm nominal size clippings and compaction.	M2	-	-	-	-	-	4.10	-	-	-	-	-	-	-	4.10

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	<u>Pavement</u>															
1	Prepare formation to receive laterite pavement	M2	-	-	-	-	-	1.00	-	-	-	-	-	-	-	1.00
2	Filling and compaction of lateric pavement vvi - imported lateric gravel 250 mm thick	M2	-	-	-	-	-	6.25	-	-	-	-	-	-	-	6.25
3	Ditto lateric shoulders ditto 150 mm thick	M2	-	-	-	-	-	3.25	-	-	-	-	-	-	-	3.25
4	Supply and lay interlocking pavers	M2	-	-	-	-	-	35.00	-	-	-	-	-	-	-	35.00

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	<u>Road Painting</u>															
1	Road line painting and marking	M2	-	-	-	10.00	-	-	-	-	-	-	-	-	-	10.00
2	Carry out 100 mm wide continuos road line painting and marking	M2	-	4.00	-	-	-	-	-	-	-	-	2.00 - 12.30	6.58	2.00 - 12.30	5.29
3	Ditto but 100 mm wide intermittent line	M	-	3.00	-	-	-	-	-	-	-	-	-	-	-	3.00