

ममसि

Dihari Kudwan Path to
Chauruk

Schedule XLV-Form No. 134

DIVISION

समयाना ममसि, सं. नं. 6184942

SUB-DIVISION

समसि ममसि, सं. नं. 2172

563

MEASUREMENT BOOK

समसि - मिथिलस कुमार सिंग

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work :-	Dihuri				
	Kudela Path to Chapuk				
Name of Agency :-	Mithlesh				
	Kumar Singh At -				
	New Area Ward No-14				
	Distt Aurangabad				
Agreement No :-	14530 / 2019-2020				
Date of Commencement :-	27/07/2019				
Date of Completion :-	26/04/2020				
Date of measurement :-					
<u>work done details</u>					
(1/2)	WBM Grading 3:-				
	Providing laying				
	Spreading and Comp -				
	-acting stone etc done				
	all Comp job.				
	$2 \times 30 \times 3.75 \times 0.075 = 16.87 m^3$				
	$1 \times 30 \times 3.75 \times 0.075 = 8.43 m^3$				
	$3 \times 30 \times 3.75 \times 0.075 = 25.31 m^3$				
	$2 \times 30 \times 3.75 \times 0.075 = 16.87 m^3$				
	$1 \times 30 \times 3.75 \times 0.075 = 8.43 m^3$				
	$3 \times 30 \times 3.75 \times 0.075 = 25.31 m^3$				
	$1 \times 15 \times 3.75 \times 0.075 = 4.21 m^3$				
					105.43 m ³
extra widening on curve					
	$\frac{0+10}{2} \times 5 \times 0.075 = 1.87 m^3$				
					107.30 m ³

Sch.XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
($\frac{2}{13}$) Construction of un-reinforced plain Cement Concrete pavement etc do - do - all Comp. job.					
	2	30	3.75	0.160	$= 36 \text{ m}^3$
	1	35	3.75	0.160	$= 18 \text{ m}^3$
	3	30	3.75	0.160	$= 54 \text{ m}^3$
	5	30	3.75	0.160	$= 90 \text{ m}^3$
	1	30	3.75	0.160	$= 18 \text{ m}^3$
	1	15	3.75	0.160	$= 9 \text{ m}^3$
					225 m^3
Extra widening on curve					
	$\frac{0+10}{2}$	5		0.160	$= 4 \text{ m}^3$
					229.00 m^3
($\frac{3}{10}$) Prime Coat : Providing and applying primer Coat etc do - do - all Comp. job.					
	2	30	3.75		$= 225 \text{ m}^2$
	5	30	3.75		$= 562.50 \text{ m}^2$
	3	30	3.75		$= 337.50 \text{ m}^2$
	1	30	3.75		$= 112.50 \text{ m}^2$
	4	30	3.75		$= 450 \text{ m}^2$
	3	30	3.75		$= 337.50 \text{ m}^2$
	1	16	3.75		$= 37.50 \text{ m}^2$
					2062.50 m^2
Extra widening on curve					
Continuation	$\frac{0+9}{2}$	9			$= 40.50 \text{ m}^2$
					2103.00 m^2

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
($\frac{4}{11}$)	Tack Coat : Providing and applying tack Coat etc do-do all comp.				
	5	30	3.75		562.50 m ²
	2	30	3.75		225 m ²
	3	30	3.75		337.50 m ²
	1	30	3.75		112.50 m ²
	4	30	3.75		450 m ²
	3	30	3.75		337.50 m ²
	1	10	3.75		37.50 m ²
					2062.50 m ²
	Extra widening on curve $\frac{0+9}{2} \times 9 = 40.50 \text{ m}^2$				
					2103.00 m ²
($\frac{5}{12}$)	Providing laying and rolling of close graded premix Surfacing etc do-do all comp. job.				
	2	30	3.75		225 m ²
	5	30	3.75		562.50 m ²
	3	30	3.75		337.50 m ²
	1	30	3.75		112.50 m ²
	4	30	3.75		450 m ²
	3	30	3.75		337.50 m ²
	1	10	3.75		37.50 m ²
					2062.50 m ²
	Extra widening on curve $\frac{0+9}{2} \times 9 = 40.50 \text{ m}^2$				

Continuation

2103.00 m²

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(8/5)	Construction of embankment with approved material etc do - do - all Comp. job.				
	E/w calculation as per graph				
CH in (m)	C/S Area m ²	Mean C/S Area m ²	length m	Quantity m ³	
0	4.452	-	-	-	-
50	4.255	4.354	50	217.675	
100	4.434	4.345	50	217.225	
150	4.618	4.526	50	226.300	
200	6.470	5.544	50	277.200	
250	6.308	6.389	50	319.450	
300	6.472	6.390	50	319.500	
350	5.460	5.966	50	298.300	
400	4.955	5.207	50	260.368	
450	5.502	5.228	50	261.418	
500	7.322	6.412	50	320.600	
550	8.749	8.036	50	401.475	
600	4.854	6.802	50	340.075	
650	6.106	5.480	50	274.000	
700	4.025	5.066	50	253.275	
750	3.406	3.716	50	185.775	
800	2.749	3.078	50	153.875	
850	3.386	3.068	50	153.375	
900	2.739	3.063	50	153.125	

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	Quantity
CH in (m)	C/S Area m^2	Mean of 5 Area m^2	length m		m^3
925	2.889	2.814	25		70.350
		Total E/W			4703.31 m
<u>Deduction</u>					
Less Earth shoulder vide TMBP-10					495.80 m
G.S.B vide TMBP-10					355.92 m
W.B.M 93 vide TMBP-11					154.69 m
					107.30 m
P.C.C vide TMBP-14					229.00 m
					3357.60 m
Lead up to 100 m					
$3357.60 m^3 \times 49.60\% = 1665.37 m$					
(6) Lead up to 1000 m					
$3357.60 m^3 \times 50.40\% = 1692.23 m$					
(9) (14) Hard shouldering :-					
laying brick sling etc					
do-do-all Comp. job.					
$2 \times 5 \times 30 \times 0.50 = 150 m^2$					
$2 \times 4 \times 30 \times 0.50 = 120 m^2$					
$2 \times 2 \times 30 \times 0.50 = 60 m^2$					
$2 \times 1 \times 30 \times 0.50 = 30 m^2$					
$2 \times 1 \times 10 \times 0.50 = 10 m^2$					
					370 m ²
(10) (20) Road marking : Providing					
and laying of hot					
applied etc do-do-all					
Comp. job.					
$2 \times 8 \times 30 \times 0.100 = 48 m^2$					
$2 \times 3 \times 30 \times 0.100 = 18 m^2$					

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$2 \times 4 \times 30 \times 0.100 = 24 \text{ m}^2$
					$2 \times 3 \times 30 \times 0.100 = 18 \text{ m}^2$
					$2 \times 1 \times 10 \times 0.100 = 2 \text{ m}^2$
					110 m^2
($\frac{11}{21}$)	Road marking - PCC				
	(Portion) Providing				
	and laying of hot				
	applied etc do-do all				
	Comp. job.				
					$2 \times 5 \times 30 \times 0.100 = 30 \text{ m}^2$
					$2 \times 3 \times 30 \times 0.100 = 18 \text{ m}^2$
					$2 \times 1 \times 30 \times 0.100 = 6 \text{ m}^2$
					$2 \times 3 \times 30 \times 0.100 = 18 \text{ m}^2$
					$2 \times 1 \times 15 \times 0.100 = 3 \text{ m}^2$
					75 m^2
($\frac{12}{22}$)	Planting of tree by				
	the road side etc do-				
	do-all Comp. job.				
	Qty 52 Nos.				
($\frac{13}{16}$)	Providing and fixing				
	of typical MMSY post				
	etc do-do-all Comp.				
	Qty 2 Nos.				
($\frac{14}{19}$)	Boundary Pillar - Reinfor-				
	ced Cement Concrete				
	etc do-do-all Comp.				
	Qty 59 Nos.				

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(15) (15)	kilometer stone				
	Reinforced cement				
	Concrete etc do-do-				
	all Comp. job.				
	Ordinary Km stone				
	Qty 1 No.				
(16) (32)	200 m stone				
	Qty 4 Nos.				
	Painting on Parapet				
	Wall etc do-do all				
	Comp. job.				
	$2 \times 2 \times 6.15 \times 0.400 =$				$9.84 m^2$
	$2 \times 4 \times 6.15 \times 0.600 =$				$29.52 m^2$
	$2 \times 4 \times 0.400 \times 0.600 =$				$1.92 m^2$
					$41.28 m^2$
(17) (24)	Painting on Parapet				
	Wall etc do-do all				
	Comp. job.				
	$2 \times 2 \times 3.60 \times 0.400 =$				$5.76 m^2$
	$2 \times 4 \times 3.60 \times 0.600 =$				$17.28 m^2$
	$2 \times 4 \times 0.400 \times 0.600 =$				$1.92 m^2$
					$24.96 m^2$
(18) (19)	Retro-reflectonised				
	Traffic sign - Ponding				
	and fixing of retro-				
	reflectonised cautionary				

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
mandatory etc do -					
du - del Comp. etc.					
(a) 600mm equilateral					
triangle					
Bty 11 Nos.					
(ii) 800mm x 600mm					
rectangular					
Bty 4 Nos.					
(iii) 600mm x 450mm					
rectangular					
Bty 4 Nos.					
(iv) 900mm Side octagon					

Bty 4 Nos.

Praveer
22/07/2020
J.C.

Chy
22/7/20

Material statement (update)

E/W = 3853.40 m³stone chips = 705.98 m³Coarse Sand = 239.18 m³stone metal = 320.64 m³Stone Screening = 63.60 m³

Emulsion (SS1) = 1.48 m.t

Emulsion (RS-1) = 0.57 m.t

Bitumen (8-90) = 3.99 m.t

Bricks = 22940 Nos.

Praveer
22/07/2020
Continuation

Chy
22/7/20

J.C.

Abstract of Cost

22.

Sch.XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Providing & Fixing of working benchmarks etc do-do all comp.					
1 No (Vide TMBP-8)					
@ Rs 4246 = 29					Rs 4246 = 29
(ii) Reference Pillars					
3 Nos (Vide TMBP-8)					
@ Rs 1927 = 44					Rs 5781 = 32
(2) Cleaning & Grubbing Road land etc do-do all Comp. job.					
0.64 Hec (Vide TMBP-8)					
@ Rs 49739 = 47					Rs 31833 = 26
(3) Box Cutting: Excava- tion for roadway etc do-do all Comp.					
85.87 m ³ (Vide TMBP-8)					
@ Rs 82 = 01					Rs 7042 = 19
(4) Construction of emb- ankment with appr- o-riated material etc do- do all Comp. job.					
(a) For 100 m lead					
1665.37 m ³ (Vide TMBP-18)					
@ Rs 132 = 56					Rs 220761 = 41
(b) For 100 m lead					
1692.23 m ³ (Vide TMBP-18)					
@ Rs 687 = 23					Rs 316836 = 22
Continuation					Rs 586501 = 7

Sch.XLV-Form No. 134 B.F Rs 5,86,501 = 72

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
($\frac{5}{28}$) Earthwork in excavation - lion etc do-do-all Comp. job.					
59.59 m ³ (Vide TMBP. 9)					
@ Rs 285 = 71					Rs 17025 = 46
($\frac{6}{29}$) Providing mix Pcc 1:2:5.5 as levelling etc do-do-all Comp.					
9.19 m ³ (Vide TMBP. 9)					
@ Rs 5138 = 07					Rs 47218 = 86
($\frac{7}{31}$) Providing & laying RCC pipe 100 mm dia etc do-do-all comp.					
15 m (Vide TMBP. 9)					
@ Rs 4667 = 43					Rs 70011 = 45
($\frac{8}{32}$) plain reinforced concrete - ent concrete etc do- do-all Comp job.					
64.48 m ³ (Vide TMBP. 9)					
@ Rs 6048 = 96					Rs 408183 = 82
($\frac{9}{23}$) Earthwork in excavation - alien etc do-do-all Comp. job.					
31.32 m ³ (Vide TMBP. 10)					
@ Rs 285 = 71					Rs 8948 = 43
($\frac{10}{24}$) Providing mix (Pcc 1:2:5.5) as levelling					
Continuation					Rs 1137889 = 74

Sch.XLV-Form No. 134 B.F Rs 11,37,889 = 74

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
etc do do all Comp					
5.69 m ³ (Vide TMBP-10)					
@ Rs 5138 = 07					Rs 29235 = 62
($\frac{11}{24}$) Providing & laying					
Rce pipe H.P. for culvert					
etc do do all Comp.					
15 m (Vide TMBP-10)					
@ Rs 1297 = 02					Rs 19455 = 30
($\frac{12}{25}$) Plain reinforced ce-					
ment concrete etc					
do do all Comp job.					
30.33 m ³ (Vide TMBP-10)					
@ Rs 6048 = 76					Rs 183464 = 95

($\frac{13}{9}$) Construction of gran-					
ular sub-base etc do					
do all Comp job					
355.92 m ³ (Vide TMBP-10)					
@ Rs 2095 = 42					Rs 745801 = 88
($\frac{14}{7}$) WBM Grading 3:					
Providing laying, sp-					
reading and compac-					
ting etc do do all					
Comp job.					
157.69 m ³ (Vide TMBP-11)					
107.30 m ³ (Vide TMBP-13)					
264.99 m ³ @ Rs 2936 = 47					Rs 7778135 = 18

($\frac{15}{13}$) Construction of un-					
Continuation					Rs 2893982 = 64

Sch.XLV-Form No. 134 B.F Rs 28,93,982=64

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
reinforced plain					
Cement etc do-do-					
all Comp. job.					
229.00 m ³ (Vide TMBF-14)					
@ Rs 6168 = 84					Rs 1412664 = 36
($\frac{16}{10}$) Prime coat : Providing					
and applying prime					
coat etc do-do-all comp.					
2103.00 m ² (Vide TMBF-14)					
@ Rs 54 = 39					Rs 1,14,382 = 14
($\frac{17}{11}$) Tack Coat : Providing					
and applying tack					
coat etc do-do-all					
Comp. job.					
2103.00 m ² (Vide TMBF-15)					
@ Rs 18 = 26					Rs 38400 = 48
($\frac{18}{12}$) Providing, laying					
and rolling of loose					
graded etc do-do-all					
Comp. job.					
2103.00 m ² (Vide TMBF-15)					
@ Rs 214 = 35					Rs 450748.05
($\frac{19}{7}$) Construction of Sub.					
grade and earthen					
shoulders etc do-do-					
all Comp. job.					
495.80 m ³ (Vide TMBF-16)					
@ Rs 39 = 11					Rs 93760.4
Continuation					Rs 5003968.7

Sch. XLV-Form No. 134 B.F.R. 5003968=76

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
($\frac{20}{33}$) Providing and laying of a reinforced etc do-do-all Comp.					
30 Rm (Vide TMBP-16)					
@ Rs 1063=79					Rs 31913=70
($\frac{21}{14}$) Hand shouldering; laying brick soling etc do-do-all Comp. job.					
370 m ² (Vide TMBP-18)					
@ Rs 525=75					Rs 194527=5
($\frac{22}{20}$) Road marking; Providing and laying of hot applied etc do-do-all Comp. job.					
110 m ² (Vide TMBP-19)					
@ Rs 850=93					Rs 93602=30
($\frac{23}{21}$) Road marking - P.C. Portion) Providing and laying of hot applied etc do-do-all Comp. job.					
75 m ² (Vide TMBP-19)					
@ Rs 953=99					Rs 71549=25
($\frac{24}{22}$) Planting of tree by the road side etc do-do-all Comp. job.					
52 Nos (Vide TMBP-19)					
@ Rs 749=73					Rs 38985=96
Continuation					Rs 54,34547=47

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
($\frac{25}{16}$) Providing and fixing of typical masonry Project etc do-do-all Comp. job.					
2 Nos (Vide TMBS-19)					
@ Rs 9948 = 34					Rs 19896 = 68
($\frac{26}{18}$) Boundary pillar Reinforced Cement Concrete etc do-do-all Comp.					
59 Nos (Vide TMBS-19)					
@ Rs 522 = 88					Rs 30849 = 92
($\frac{27}{15}$) Kilometer stone Reinforced cement concrete etc do-do-all Comp. job.					
Ordinary km stone					
1 No (Vide TMBS-20)					
@ Rs 2169 = 20					Rs 2169 = 20
(in) 200 m stone					
4 Nos (Vide TMBS-20)					
@ Rs 634 = 27					Rs 2537 = 08
($\frac{28}{32}$) Painting on Parapet wall etc do-do-all Comp. job.					
41.28 m ² (Vide TMBS-20)					
@ Rs 108 = 98					Rs 4498 = 69
($\frac{29}{33}$) Painting on Parapet wall etc do-do-all Comp. job.					

Continuation

Rs 54,94,499

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
24.96 m ² (Vide TMBP-20)					
@ Rs 108 = 98					Rs 2720 = 14
(30/19) Retn-reflectorised Traffic Sign Providing and fixing of retn-reflectorised etc do-dc-all Comp. job.					
1) 600mm equilateral triangle					
11 Nos (Vide TMBP-21)					
@ Rs 4002 = 92					Rs 44026 = 62
(iii) 800mm x 600mm rectangular					
4 Nos (Vide TMBP-21)					
@ Rs 7668 = 92					Rs 30675 = 68
(iii) 600mm x 450mm rectangular					
4 Nos (Vide TMBP-21)					
@ Rs 5292 = 48					Rs 21169 = 92
(iv) 900mm Side octagon					
4 Nos (Vide TMBP-21)					
@ Rs 9841 = 67					Rs 39366 = 68
					Rs 56,32,458 = 00
Below 10% Rs 563246 = 00					Rs 59,69,212 = 00
Less Previous Payment Rs 20,45,558 = 00					Rs 30,23,654 = 00
<u>Payable</u> 22/07/2020					<u>Rs 30,23,654 = 00</u> 22/07/2020

Continuation