

53
M. M. G. S. Y

Balair Simla To Gora -

Recd XLV-Form No. 134

Pokhar

DIVISION

समयानुसार मालवा, समय नं० - २५७१९

२५७१९ मालवा-१ समय नं० - २५७१९

THE SUPPLEMENTARY BOOK

२५७१९ - Shalendra Red. Singh.

538

Particulars	Details of actual measurement				Contentes of area
	No.	L.	B.	D.	
4th 00 AK B/11					
Name of the work - MMGSX					
2th 11th 11th Balar simla to					
Gorepokhas.					
Situation of work - Kame.					
Rabigany					
Agency by which					
work is executed.					
Jrishailendra Prasad					
Singer.					
Normal date of Agreement -					
33/3/2019-20					

dt of commencement - 09/10/2019
 dt of Completion - 08/10/2020.
 dt of Measurement - 25/6/2020
 dt of Entry - 25/6/2020.

Particulars	Details of actual measurement				Contented area
	No.	L.	B.	D.	
Work done: —					
<u>Sino-1. Provision of fix up</u>					
working bench mark / Refr					
ence pillars / No of Rm &					
+ Nos of reference pillars.					
(vide Page 2 of this M.B)					
Bench Mark Pillar 2	4				
Reference Pillar -	13				
2) clearing and grubbing					
road land					
(vide Page 2 of this					
M.B)					2.31
					Ha.
<u>Sino-3. Box cutting</u>					

vide Page 2 of this M.B)					115.5
					M ³ .
<u>Sino-4. Construction of</u>					
embankment with					
approved material &					
posted from road					
way cutting					
for 21 Km. near Adhars.					
4 x 30.00 = 120.00					
25.00					
145.00 M ³					
145.00 x 1.10 x 0.45 = 71.73 M ³					
limited					69.30
					M ³ .

Continuation

Particulars	Details of actual measurement				Contentes of area
	No.	L.	B.	D.	
21 No. 5. Construction of					
Embankment with material					
obtained from borrow					
pits					
Serial	of fill	Mean Area	Distance		Fill volume
1	0	3.516	—	—	—
2	50	4.975	4.246	50	212.275
3	100	3.657	4.316	50	215.800
4	150	3.868	3.763	50	188.125
5	200	3.638	3.753	50	187.650
6	250	5.202	4.420	50	221.000
7	300	5.407	5.315	50	265.725
8	350	6.371	5.899	50	294.950

9	400	5.093	5.732	50	286.600
10	450	5.189	5.141	50	257.050
11	500	4.879	5.034	50	251.700
12	550	4.600	4.740	50	236.975
13	600	4.818	4.709	50	235.450
14	650	5.244	5.031	50	251.550
15	700	4.581	4.913	50	245.625
16	750	4.819	4.450	50	222.500
17	800	4.653	4.486	50	224.300
18	850	4.920	4.787	50	239.325
19	900	4.207	4.564	50	228.175
20	950	4.027	4.117	50	205.850
21	1000	6.139	5.113	50	255.650
22	1050	4.425	5.162	50	258.100
23	1100	3.889	4.067	50	200.350
24	1150	4.731	4.310	50	215.500

Continuation

Particulars	Details of actual measurement				Computed area
	No.	L.	B.	D.	
S. No. CH	Fill Area	M. ca Area	Dist. Ee		Fill Volume
25	1200	4.183	4.457	50	222.850
26	1250	5.150	4.667	50	233.325
27	1300	4.736	4.943	50	249.150
28	1350	3.207	3.972	50	198.575
29	1400	4.708	3.958	50	194.875
30	1450	3.600	4.154	50	207.700
31	1500	4.409	4.005	50	200.225
32	1550	4.664	4.537	50	226.825
33	1600	5.309	4.987	50	249.325
34	1650	4.357	4.813	50	240.650
35	1700	4.582	4.150	50	222.475
36	1750	4.99	4.787	50	239.325
37	1800	4.935	4.963	50	248.150

38	1850	4.913	4.949	50	247.450
39	1900	5.063	5.013	50	250.650
40	1950	4.821	4.942	50	247.100
41	2000	4.681	4.751	50	237.550
42	2050	4.532	4.607	50	230.325
43	2100	3.385	3.959	50	197.925
44	2150	4.689	4.037	50	201.850
45	2200	4.701	4.695	50	234.750
46	2250	4.508	4.605	50	230.225
47	2300	4.502	4.505	50	225.1250
48	2350	5.359	4.931	50	246.525
49	2400	5.189	5.274	50	263.700
50	2450	6.146	5.678	50	283.875
51	2500	6.841	6.504	50	325.175
52	2550	5.494	5.168	50	308.375
53	2600	8.340	6.197	50	345.850

Continuation

Particulars	Details of actual measurement					Contents of M3
	No.	L.	B.	D.		
2700 (H)	Fill Area	Mean Area	953			Fill Volume
54	2650	5.126	6.823	50		344.150
55	2700	4.723	5.075	50		233.725
56	2750	5.112	4.920	50		246.000
57	2800	4.714	4.916	50		245.775
58	2850	4.406	4.560	50		228.000
59	2900	4.815	4.611	50		230.525
60	2950	5.242	5.029	50		251.425
61	3000	5.437	5.340	50		266.875
62	3050	4.991	5.214	50		260.700
63	3100	5.528	5.260	50		262.375
64	3150	3.930	4.739	50		236.950
65	3200	6.408	5.179	50		258.950
66	3250	6.065	6.237	50		311.825
67	3300	5.920	6.993	50		299.625

16108.850

M3

16108.850 m³

Less Subgrade

vide Page 12 of

this M.B. — 7213.16 m³

G.S.D. vide Page

13 of this M.B. — 2439.36 m³

W.P.M. Grade 12

vide Page 56
of this M.B. — 952.05 m³10610.57 m³

16108.850 — 10610.57

= 5498.28 m³

Continued

Limit	12622.50 ml
SINO-10: Tack coat for widip and applying tack coat with Bitumen emulsion (RS-1)	
Same Qty as SINO	
3 of this m.b. —	12622.50 ml
SINO-11: mix Seal Surfacing Type B Provide laying and rolling of close grade Premix Surfacing	
Same Qty as SINO	
10 of this m.b. —	12622.50 ml

Scanned with CamScanner

Sch. XLV-Form No. 134

Sch. XLV-Form No. 15A					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
<u>SINO-12. Kilometer Stone:-</u>					
R.C.C. M15 grade Kilometer					
Ordinary Kilometer					
Stone. (recast) -					420
i) 200mm Stone (recast)					1420
<u>SINO-13. Provider and</u>					
fixing logo of NHGS					
Project -					S.Nos.
<u>SINO-15. Boundary Pillar.</u>					
Guard Post -					80 Nos.
<u>SINO-16. Retro reflected</u>					
<u>and Traffic signs</u>					
600mm Equilateral					
2 triangle					14
800x600mm rectangular					8
600x450mm rectangular					6
900mm Side octagon					6
<u>SINO-17. Road Marking</u>					
with hot Applied Thermo					
plastic Compound...					
2x3300mm x 0.10					660.00
					MT

Continuation

Sch. XIV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SINO-21. Removing all types of Hume pipes.					
up to 600mm dia.					
13 no x 7.50					97.5 mtr
Above 600mm dia.					
2 x 2.5					5 mtr
Hume pipe culvert (10 x 1000 mm dia)					
1) Earth Work in excavation for foundation of structures up to 3.0m depth.					
(vide Page 14 of this M.B)					

					237.58 m ³
23/23					
SINO-2. Providing M15 Rec 1:2:5:5 as leveling course in foundation.					
(vide Page 14 of this M.B)					
24					45.95 m ³
SINO-3. plain / reinforced Cement Concrete in sub structure (r.p. 14 of this M.B)					
(vide Page 15 of this M.B)					337.40 m ³
25					
SINO-4. Providing and Laying R.C.C pipes & W.P. for culverts					
(vide Page 15 of this M.B)					95.00 mtr

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
S.No-8. Back filling behind abutment, wing wall and return wall -					
Behind Abutment and return wall -	2	2.92	5.20		
				$5.20 = 6.07$	
				$2 \times 2.92 \times 4.61 \times 1.78 = 48.03$	
deduct for filter media				$= 19.82$	
				$= 34.29$	
for S.Nos, 5				$5 \times 34.28 =$	171.4
S.No-10. Providing and laying filter media					
Behind Box Culvert -	2	4.61	0.60	1.70	
Behind Return wall -	4	2.92	0.60		
				$\times 1.87 = 10.42$	
				19.82	
for S.Nos, 5				$5 \times 19.82 =$	99.1
Superstructure					
11. Providing and laying reinforced cement concrete in Superstructure					
Total slab -	2	5.0	6.00	0.25	
				$= 3.75$	
(Curb -	2	2.50	0.25		
				$\times 0.50 = 0.63$	
for				4.38	
5				$5 \times 4.38 =$	21.9

(Continuation)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of cost.</u>					
<u>Sino-1. Providing & fixing of work</u>					
<u>up bench mark / Reference</u>					
<u>Pillars</u>					
<u>Wide Page 30 of this M.B.</u>					
<u>Bench mark Pillars</u>					
4 nos @ 4345 = 21				Rs	17396 = 84
<u>Reference Pillars</u>					
13 Nos @ 1980 = 29				Rs	25743 = 77
<u>Sino-2. Clearing and Grubbing</u>					
<u>road (and</u>					
<u>wide Page 44 of this M.B.)</u>					
2.31 Ha @ 49739 = 47				Rs	114898 = 18
<u>Sino-3. Box cutting</u>					
<u>(wide Page 44 of this M.B.)</u>					
115.5 M ³ @ 82 = 01				Rs	9472 = 15
<u>Sino-4. Construction of Emb</u>					
<u>bank with material</u>					
<u>obtained from Roadway</u>					
<u>cutting</u>					
<u>(wide Page 44 of this M.B.)</u>					
693 M ³ @ 27 = 98				Rs	1939 = 01
<u>Sino-5. Construction of Emb</u>					
<u>bank with material</u>					
<u>obtained from Roadway</u>					
<u>cutting</u>					
<u>(wide Page 42 of this M.B.)</u>					
5498.28 M ³ @ 132 = 56				Rs	728851 = 99

Continuation

898301.94

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SINO-5. Construction of subgrade					
(vide Page 48 of this M.B)					
7219.16 m ³ @ 183 = 11					
				Rs 1368215 = 34	
SINO-7. Granular Subbase					
with well graded material					
(vide Page 48 of this M.B)					
2439.36 m ³ @ 2385 = 73					
				Rs 5819654 = 33	
SINO-8. W.D.M. Grading					
3 (vide Page 56 of this M.B)					
946.69 m ³ @ 3282 = 08					
				Rs 3107112.32	
SINO-9. Prime Coat					
(vide Page 56 of this M.B)					
12622.50 m ² @ 54.6					
				Rs 6891882.50	
SINO-10. Tack Coat					
(vide Page 56 of this M.B)					
12622.50 m ² @ 18 = 33					
				Rs 231370.43	
SINO-11. Mix Seal Surface					
Type B					
(vide Page 56 of this M.B)					
12622.50 m ² @ 224 = 49					
				Rs 2833625 = 03	

Continuation

14944467.89

Sch. XIV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SINO-12: Kilometer Stone.					
R.C.C. M15					
(vide Page 57 of this M.B.)					
Ordinary Kilometer Stone					
4 Each 22.57 = 04 Rs					9016 = 16
200m Stone (Precast)					
14 Each @ 649 = 39					
				Rs	9091 = 46
SINO-13: Providing and fixing					
logo of M.M.G.S.Y. Project					
(vide Page 57 of this M.B.)					
5 Each @ 10027 = 69					
				Rs	50138 = 45
SINO-15: Boundary Stone					
Pillar Guard Post					
(vide Page 57 of this M.B.)					
80 Nos @ 529 = 81					
				Rs	42384 = 80
SINO-16: Retro-reflectorized					
Traffic Signs					
(vide Page 57 of this M.B.)					
i) 600mm equilateral					
Triangle.					
14 No @ 4042 = 10				Rs	56589 = 40
ii) 800mm x 600mm rectangular					
8 No @ 7708 = 60				Rs	61668 = 80
iii) 600mm x 450mm rectangular					
6 No @ 5332 = 16				Rs	31992 = 96
Continuation					
					1,5205349.92

Sch. XIV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2) 900 mm Gade overlay					
6 each @ 988/234					
				Rs 59288204	
SINO-17 Road Marking with					
Hot Applied Thermoplastic					
Composition					
(vide Page 57 of this M.B)					
660.4 m ² @ 850 = 93					
				Rs 561613 = 80	
SINO-19 Dismantling of					
Structures					
(vide Page 58 of this M.B)					
9.36 M ³ @ 474.62 Rs 4442 = 91					
Reinforced Cement concrete					
1.68 M ³ @ 1066 = 61 Rs 1791 = 90					
SINO-20 Dismantling of					
existing structures like					
culvert					
(vide Page 58 of this M.B)					
280.73 M ³ @ 228.4					
				Rs 64118 = 73	
SINO-21 Providing all type of					
flume to the					
(vide Page 59 of this M.B)					
up to 600 m - 8					
37.5 R.M @ 169 = 97					
				Rs 16572 = 08	

(Continuation)

1315913177.38

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Above 600 mm to 900 mm dia					
S.R.M @ 223.83					
				Rs	1149.15
11mm pipe culvert					
22) Earth work in excavation for foundation					
(vide Page 59 of this M.B)					
297.98 m ³ @ 285.271					
				Rs	85135.86
23) Providing M15 (R.C.C 1:2.5:5 as per drawing)					
(vide Page 59 of this M.B)					
45.95 m ³ @ 5452.37					
				Rs	250563.97
SINO-24 Plain reinforced Cement concrete in Substructure					
(vide Page 59 of this M.B)					
337.40 m ³ @ 6381.00					
				Rs	2152949.40
SINO-25 Providing and laying R.C.C pipe N.P.s for culverts					
(vide Page 59 of this M.B)					
75 mtr @ 4323.72					
				Rs	324279.10

Continuation

18727254.76

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SINO-26: Painting on Para set walls (vide Page 60 of this M.B.) 206.14 m ² @ 108 = 98 Rs 22493 = 47					
2X2 M Single cell Box culvert.					
SINO-27: Earth work in ex- cavation for foundation (vide Page 60 of this M.B.) 558.55 M ³ @ 285 = 71 Rs 159583 = 32					
SINO-28: Providing concrete for plain/reinforced concrete in open foundation (vide Page 61 of this M.B.) 39.6 M ³ @ 5452 = 87 Rs 215937.61					
SINO-29: Providing concrete for plain/reinforced concrete in open foundation (vide Page 61 of this M.B.) 167.11 M ³ @ 6139 = 32 Rs 1025266.44					
SINO-30: Supplying filling and placing H.S.D Bars (vide Page 62 of this M.B.) 0.43 m ³ @ 76730.55 Rs 32994 = 13					

Continuation

20183529.73

Particulars	Details of actual measurement				Contentes of area
	No.	L.	B.	D.	
SINO-31. plain/reinforced cement concrete in Substructure (vide Page 62 of this M.B.)					
81/20 4 th @ 638/20					
				R ₂	518/37 = 20
SINO-32. Providing and holes in brick Masonry (Stone masonry) (vide Page 63 of this M.B.)					
120 Nos @ 131 = 72					
				R ₂	75806 15806.4
SINO-33. plain/reinforced cement concrete in Substructure (vide Page 63 of this M.B.)					
50.1 W3 @ 7154 = 71					
				R ₂	358450 = 97
SINO-34. Supplying and placing HYSD bar (vide Page 67 of this M.B.)					
5.02 M.T @ 76880 = 11					
				R ₂	385938 = 15

Continued

21461862.45

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
S.No-35. Back filling behind abutment (vide Page 64 of this M.B.)					
171.4 @ 742 = 14					
					Rs 127202 = 79
S.No-36. Providing and laying filter media (vide Page 64 of this M.B.)					
99.1 m ³ @ 2939.86					
					Rs 291340 = 13
S.No-37. Providing and laying reinforced cement					

Concrete in S-structure (vide Page 64 of this M.B.)					
21.9 m ³ @ 7864 = 18					
					Rs 172225 = 54
S.No-38. Supplying fitting and placing H.V.Sd bar (vide Page 62 of this M.B.)					
1.62 M.T @ 73002 = 91					
					Rs 126364 = 71
S.No-39. Parapet construction (vide Page 68 of this M.B.)					
20.02 m ³ @ 6381 = 127620 = 10					

Continuation

2,23,06615.62

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SINO-10. Painting on					
Parapet wall					
(vide Page 68 of this M.B)					
138.25 m ² @ 108 = 98 = Rs					15066 = 48
SINO-11. Drainage					
Spigot					
(vide Page 68 of this M.B)					
881 m ² @ 468 = 21 Rs					9346 = 20
20 m ²					Rs 3/838 = 28
Single row 300 mm dia					
42. Provision and Laying					
of a reinforced concrete					
concrete pipe duct					
(vide Page 68 of this M.B)					
160 R.M @ 1006 = 56					
					Rs 16 1048 = 60
					2,28,02077.9
					2,280,208 = 0
hrs 10. below - 2289207.79					
					Rs 20602870.11
Less Provision					2,05,21,864 = 90
Payment					Rs 2,05,21,870 = 0
					1,66,39856.52
					464,14,270 = 0
					Rs 39,630/3 = 59
					41,04,600 = 0
Asingh					1,41,71,200
25/6/2020					AB
Limit as per Ag. Rs.					2,05,21,588 = 0