

17654
Gera Bel Bigh to

Schedule XIV-Form No. 134

gyam

DIVISION

conjunction of different and for electric

SUB-DIVISION

2131000 3110000, and 3110000 - 3110000

MEASUREMENT BOOK

531.

2131000 - 3110000 Bhagwati Conditior

Particulars	Details of actual measurement			Contents of area
	No.	L.	B. & D.	

IIIrd And final bill

Name of work - MMGSV योजना
Grama Gel Bigha to
Eguni under MMGSV.

Situation of work - Kasma Area
road.

Agency by which
work is executed -

M/S Jai Mah. Bhagwati
Construction

Agreement No -
25/SB/D/2019-20.

Date of commencement -
10-11-2019

Date of Completion -
10-11-2020.

Agreement No -
25/SB/D/2019-20.

Date of Measurement - 10/11/2020

Date of Entry - 10/11/2020

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Work done: —					
S.No-1. Setting level Pileers.					
Bench Mark Piller —					1 no
Reference Piller 4 no					
5 Per Cross —					11 no
S.No-2. Clearing and Grubbing road land					
B.A. Qty vide Page 2 of this M.B.					1,995
S.No-3. Construction of Embankment with approved material					

S.No	Ch.	Fill Area	Mean Area	Dis. Tang.	Fill Volume.
1	0	2146			
2	50	21353	21407	50	1201325
3	100	51334	31844	50	1921175
4	150	31974	41654	50	2321700
5	200	51024	41499	50	2241950
6	250	5154	51282	50	2641100
7	300	61647	61094	50	3041675
8	350	71248	61998	50	3471375
9	400	71752	71500	50	3151100
10	450	61733	71243	50	3621125
11	500	71462	71098	50	3541875
12	550	41101	51782	50	2891075
13	600	31456	31779	50	1881225

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
14 650	3.984	3.720	50		186.60
15 700	4.649	4.317	50		215.825
16 750	5.145	5.062	50		253.400
17 800	3.265	4.37	50		218.500
18 850	4.04	3.653	50		182.625
19 900	4.532	4.286	50		214.300
20 950	4.314	4.423	50		221.150
21 1000	4.241	4.278	50		213.1875
22 1050	4.78	4.571	50		225.525
23 1100	6.615	5.698	50		284.875
24 1150	6.831	6.723	50		336.150
25 1200	7.747	7.289	50		364.45
26 1250	3.627	5.687	50		284.350
27 1300	3.939	3.783	50		189.150
28 1350	5.17	4.555	50		227.725
29 1400	3.973	4.572	50		228.575
30 1450	5.879	4.926	50		246.300
31 1500	7.324	6.602	50		330.1075
32 1550	7.254	7.289	50		364.450
33 1600	7.059	7.157	50		357.825
34 1650	7.267	7.163	50		358.150
35 1700	7.911	7.589	50		379.45
36 1750	4.468	6.130	50		309.475
37 1800	3.479	3.974	50		198.675
38 1850	3.659	3.569	50		178.450
39 1900	3.867	3.763	50		188.150

Continuation

31.

Sch.XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SIDE CH	RAH	Mea	Area		Fill Volume.
40 1950	10703	6.785	50		349.250
41 2000	9.1	9.602	50		480.1075
42 2050	7.613	8.257	50		417.825
43 2100	5.054	6.334	50		316.675
44 2150	6.777	5.916	50		295.775
45 2200	4.96	5.800	50		293.950
46 2250	3.349	4.155	50		207.750
47 2300	3.265	3.307	50		165.350
48 2350	5.382	4.324	50		216.175
49 2400	4.322	4.852	50		242.600
50 2450	4.675	4.499	50		224.925
51 2500	3.801	4.208	50		218.400
52 2550	3.51	3.886	50		194.275
53 2600	3.675	3.793	50		189.625
54 2650	2.873	3.274	50		163.700
55 2700	4.71	3.792	50		189.575
56 2750	4.494	4.602	50		230.110
57 2800	5.953	5.224	50		261.175
58 2850	6.793	6.373	50		318.650
					148
					149 83.825
1000m		28	93.00 m3		M3
1000m		137	1 m3		

Continuation

32.
Sch.XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SINO-S. G. Subgrade	67				
78 ft mtr			X 30.0	221	30.1 m 10.1 m
				2200	170 mtr
2200.1 m	X	6.96	77.60	X	4.30
		2			
New constn of P.C.C. road		650.1 m	X 4.50	X 0.30	877.50
Adjacent to W.B.M.	2 X	2200.1 m	X 1.20	X	5682.3
				0.1075	396.1 m
Adjacent to G.S.B.	2 X	2200	X 1.40	X 0.20	1232.0
Adjacent to P.C.C.	2 X	650.1 m	X 0.38		
				X 0.16	49.04
Adjacent to W.B.M. III	2 X	650.1 m	X 0.38	X	
				0.1075	37.05
Adjacent to G.S.B.	2 X	650.1 m	X 0.38	X	
				0.102	49.4
					5682.3
					1793.49

SINO-S. G. Granular sub					
base with well graded					
material for grading					
78 ft mtr	X	30.1 m			2190.0
					10.1 m
					2200.1 m
					mtr
2200.1 m	X	4.05	X 0.20		1782.0
Add for	2 X	44.4 m	X 2.00	X	
leveling				0.10	17.6
	2 X	44.4 m	X 2.00	X	
				0.10	17.6
					1817.00
					m3
					248.95
					2068.95
					m3

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
STAND-6	W. B. M. G. de M.				
	2	30.00	3.75	2	25.00
	1	30.00	3.50	1	05.00
8 no	1	30.00	3.75		900.00
12 no	1	30.00	3.75		1350.00
3 no	1	30.00	3.80		342.00
3 no	1	30.00	3.75		337.5
9 no	1	30.00	3.75		1012.5
4 no	1	30.00	3.75		450.00
1 X	26.65		3.80		101.27
71.3	1	30.00	3.75		337.5
2	1	30.00	3.80		228.00
1	1	30.00	3.80		108.00
1	1	30.00	3.85		115.5
1	1	30.00	3.75		112.5
5	1	30.00	3.80		570.00
4	1	30.00	3.75		450.00
1	1	10.75	3.70		39.77
5	1	30.00	3.75		562.5
		18.70	3.75		70.12
		11.30	5.150	3.75	52.26
8	1	30.00	3.75		562.5
1	1	30.00	3.75		112.5
1	1	32.6	3.75		122.85
		32.6			126.60
					7704.17
		22.00			8266.67
5 X 2	1	10.00	1	1.00	20.00
			2		50.00
					20.00

Sch. XLV-Form No. 134 Continuation 83/6.67

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SX 2	10	100	$\frac{1}{2}$	1.00	250.00
					8366.67
					8366.67
					8366.67
SINO 7. Prime coal					8366.67
					8366.67
SINO-8. Tack coat.					8366.67
					8366.67
SINO-9. Mix Seal Surface					8366.67
					8366.67
SINO-10. Granular					8366.67
Sub base with wear					8366.67
Graded material					8366.67
21 times $\times 30.00 =$					630.00
					20.00
					650.00
					650.00
650.00 $\times 3.75 \times 0.10 =$					243.75
2 $\times 13.00 \times 2.00 \times 0.10 =$					5.20
SINO 11. Water bound Macadam					248.95
dan with Stone Screening					248.95
650.00 $\times 3.75 \times 0.075 =$					182.81
2 $\times 13.00 \times 1.00 \times 0.075 =$					1.95
SINO-12. Cement Concrete					184.56
Pavement					184.56
(vi) 650.00 $\times 3.75 \times 0.160 =$					390.00

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
SINO-16. Kilometer Stone				
i) ordinary Kilometer Stone				3 no
ii) 200 m Stone				12 no
SINO-17. Providing and fixing				
logs of Project.				
Providing and fixing				
logs of Project				3
Citizen Information				1
Maintenance Inform				
Long board				1
				5 Nos
SINO-18. Boundary				
Pillar / Guard Post				72 NO
SINO-20. Providing and				
fixing of retro reflectorised				
i) 600 mm equilateral				
& triangle				15 Nos
ii) 800 mm X 600 mm				
rectangular				8 Nos
iii) 600 mm X 450 mm				
rectangular				7 Nos
SINO-18. Road marking				
With hot Applied Ther				
moplastic Compound				
2 x 22 00.00 x 0.10				440
				Nos

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
22) Road marking with hot applied Therm plastic compound					
	2x	650.00	x 0.10 =		130.00 sqm
S.No-23. planting of tree & their Maintenance					
	2.20	x 100			220 nos
S.No-21. Dismantling of existing structures like culverts					
	1x	3.50 x 15.48	x 0.15 = 0.81		
For 5 nos	5	x 0.81 =			4.05

	limit				3.39 m ³
S.No-12. Dismantling of existing structures like Culvert.					
	2x	6.20 x 0.825	x 3.40		
			= 30.69		m ³
for 4 nos, 4 x 30.69 =					122.76 m ³
limit - 100.98					
S.No-23. Removal of Culvert of Hume pipe					
	3x	3 x 2.5 =	22.5		
limit					20 R ⁴

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
House pipe cement					
2x600 mm and 2x1000 mm dia					
SINO-24. Earth work in excavation for foundation of					
Structure					
V.P. 8					
1020mm	208.184	M3			
V.P. 9 -	31.38	M3			
600mm	240.224	M3			
Limit				239.92	
					M3

SINO-25. Provide M15					
(P.C.C) 1:2:5 level					
Course					
1000mm					
V.P. 8	32.118				
600mm					
V.P. 9	51.89				
	38.17				
Limit				37.9	
					M3
SINO-26. plain reinforcement					
C&C concrete in					
Substructure					
V.P. 8 1000mm	237.51				
V.P. 8 600mm	30.33				
Limit	267.84				
				266.52	

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of cost.</u>					
<u>SINO-1. Providing and fixing of weekly bunch marks</u>					
Reference	Pillars (vide page 29 of this M.B.)				
Bunch Mark	Pillar				
120 @	4389	262	R ₂	4389	
Reference	Pillar				
4389	Pillar				
11 no	@ 2004.35				
			R ₂	22047 = 85	
<u>SINO-2. Clearing and Gravel</u>					
Strip Road	100				
Width	29 of this M.B.)				
1.925	Hect @ 7973924				
			R ₂	99230 = 24	
<u>SINO-3. Cost of embankment lead up to</u>					
100 m					
2893.20	M ³ @ 132 = 56				
			R ₂	383506.68	
			R ₂	383496.208	
<u>SINO-4. Cost of Son</u>					
Backfill					
Width	Page 3) of this M.B.)				
1371.00	M ³ @ 187 = 23				
			R ₂	256692.33	
<u>SINO-5. Construction of Subgrade and earthen</u>					
Shoulders					
Single Day Continuation					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
7382.58 3 @ 189.21					
				R ₂	1396.19 = 220
7475.74 3 @ 189.11					
V.P 32 of this M.B.				R ₂	14137.29.62
7475.74					
7454.31 M ³ @ 189.11					
7454.31 M ³ R ₂					1409684.56
SIND-6 - Granular Sub base					
with well graded method					
Grading Metered					
(V.P 32 of this M.B.)					
V.P-33					1817.10
V.P 34					248.95
					248.98
					2060.75
					M ³
					2065.9543
2060.75 3 @					
2065.95 m ³ @ 270.761					
				R ₂	55937.80.87
SIND-7. W.B.H. Grading					
3. (V.P 34 of this M.B.)					
V.P-34					627.50 M ³
					184.7673
					812.26 M ³
812.26 M ³ @ 3837.70					
					m ³
				R ₂	3117210.20
SIND-8 Form work					
(V.P. 34 of this M.B.)					
8366.67 m ² @ 54.6					
				R ₂	456820.18

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SINO-9. Tack coat					
Grade Page 34 of this M.B.					
8566.67 sq ft @ 18.33					
					Rs 153861.06
SINO-10. mix seal Surface					
Type B.					
Grade Page 34 of this M.B.					
8866.67 sq ft @ 233 = 94					
					Rs 19572.98 = 72
SINO-11. Cement concrete					
Patterned					
Grade Page 34 of this M.B.					
390.00 m ³ @ 6928 = 78					
					Rs 270222.42
SINO-13. R.C.C M15 grade					
Kilometer Stone					
Grade Page 35 of this M.B.					
i) 320 @ 2337 = 71					
					Rs 7013 = 13
ii) 200m Stone					
12 Nos @ 664.28					
					Rs 7971 = 36
SINO-14. Provision of					
fix of logs of M.M.G.S.F					
Project (Grade Page 35 of this M.B.)					
5 Nos @ 16105 = 97					
					Rs 50529.185

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SINO 16. Boundary Pillar (vide Page 35 of this M.B.)					
72 Nos @ 536.64					
				Rs 38638.08	
17) Retro Reflectorised Traffic Signal. (vide Page 37 of this M.B.)					
i) 800mm equilateral triangle V.P. 35 of this M.B.					
15 Nos @ 4081.24					
				Rs 61218.16	
ii) 800 X 600 mm rectangular					

8 Nos @ 7747.74					
				Rs 61981.92	

iii) 600 X 450 mm					
7 Nos @ 5371.30					
				Rs 37599.10	

SINO-18. Road Marking with hot applied Thermoplastic compound
(vide Page 35 of this M.B.)

440 M ² @ 850.53					
				Rs 374409.20	
				Rs 369303.62	

SINO-19. Road Marking on concrete surface

(vide Page 36 of this M.B.)					
130 M ²					
134.92 M ² @ 953.99					

Continuation
Rs 123369.98
12,40,182.70

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ST No-20. Paving of free (wide Page 36 of this M.B.)					
220 M ² @ 745.73					
		Rs	164940	= 60	
Dismantling					
21) Dismantling of side long structures like culvert					
(wide Page 36 of this M.B.)					
3.39 m ³ @ 474.62					
		Rs	1609	= 13	
22) Dismantling of existing structures like culvert					
(wide Page 36 of this M.B.)					
100.98 m ³ @ 228.14					
		Rs	23063	= 83	
ST No-23. Removing all light of time frame (wide Page 36 of this M.B.)					
20 R.M @ 229.83					
		Rs	4596	= 60	
ST No-24. Hum mite 2 x 600 mm dia AND 7 x 1000 mm dia					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1) Earth work in excavation for foundation					
U.P. 57.21 m. N.B.					
239.92 m ³ @ 2.85221					
25) Providing M15 (P.C 1:2:5) as leveling course in foundation					
(vide Page 37.8) this m.B.					
371.9 m ³ @ 5763261					
26) Plain / reinforced cement concrete in sub structure					
(vide Page 32 of 120 m.B.)					
266.52 m ³ @ 6730.72					
27) Providing in Laying of a R.C. floor in NP3					
(vide Page 38) this m.B.					
1000 mm D to 2					
52.5 m ² @ 430220					
600 mm D to 4					
15 m ² @ 115129					

Continuation

Continuation