

MMGSY
5

Sah Mohammad to Moh Byha

RTS 97 Parto 575

Schedule XIV-Form No. 134

Division 61879-45C

Sub-Division

RTS No - 267157

MEASUREMENT BOOK

597

RTS - Puler Grah 3 mile RT
RTS 272011 RT

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Work done: -					
1) Providing & fixing of working bench Mark Pillars					
Reference Pillars					
1 Bench Mark Pillars					1 no
2 Reference Pillars					2 NO
3) Clearing and grubbing road land					
to a 4m wide Puzl. 2 of this M.B					0.437
					Ha.
<u>Sum of contents of area</u>					

SINO	CH NO	Dist	Area	DIS	Fit
		Area	Area	Area	value
1	0				
2	50				
3	100				
4	150				
5	200				
6	300				
7	350				
8	400				
9	450				
10	500				
11	550				
12	600				

Sch. XLV-Form No. 134

Particulars		Details of actual measurement				Contents of area
		No.	L.	B.	D.	
SP No	CH No	Fill Area	Mean Area	Dis. Tance		Fill volume.
13						
14						

SP No		CH	Fill Area	Mean Area	Dis. Tance	Fill volume.
1	0		3.066	—	—	—
2	50		4.525	3.796	50	189.775
3	100		3.207	3.866	50	193.300
4	150		3.418	3.313	50	165.625
5	200		3.188	3.303	50	165.150
6	250		5.752	4.470	50	223.500
7	300		4.977	5.365	50	268.225
8	350		5.921	5.449	50	272.450
9	400		4.643	5.282	50	264.100
10	450		4.739	4.691	50	234.550
11	500		3.629	4.184	50	209.200
12	550		4.150	3.890	50	194.475

Continuation

Sch. XLV-Form No. 134

Particulars		Details of actual measurement				Contents of area
		No.	L.	B.	D.	
S.No	CH	Fill Area	Mean Area	Dist. (m)		Fill volume
13	680	4.680	4.390	50		219.500
14	625	4.214	4.922	25		110.550
					2710.400	m ³
Ables de Deviation of Road						
const-						
318	+50	239	= 557 m			

Zero-6. Construction of Sub grade and Earth shoulder						
- - - - -						
Attainments road -						
V.P. of this m/b - 1035.97 m ²						
Pee						
road						
As 202.50 m ²						
As 1238.47 m ²						
100m lead - 995.69 m ²						
S.No-7. Construction of Subgrade and earth shoulder - - -						

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1000 m ² land					
AS					242.78 m ³
Earth shoulders					
Adjacent to WBM & Surface dressing					
B.T Portion -					
2 x 475.00 x 1.20 x 0.075 =					85.5 m ³
Adjacent to G.S.B (B.T Portion) -					
2 x 475.00 x 1.40 x 0.20 =					266.00 m ³
Adjacent to P.C.C					
5 x 30.00 =					150.00 m ³
2 x 150.00 x 0.40 x 0.15 =					18.00 m ³
2 x 150 x 4.50 x 0.30 =					202.50
Adjacent to WBM Gr III					
2 x 150.00 x 0.375 x					
					0.075 = 8.43 m ³
Adjacent to G.S.B (P.C.C Portion)					
2 x 150.00 x 0.375 x 0.10 =					11.25 m ³
Pave roads					389.48 m ³
					791.68 m ³
limited					Continuation 426.73 m ³

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2nd-8' Granular Subbase with well graded material					
B.T. Portion -					
	8.00 x	$\frac{7.30 + 4.10}{2}$		$\times 0.20 = 9.12$	
	22.00 x	4.05		$\times 0.20 = 17.82$	
	30.00 x	4.05		$\times 0.20 = 24.3$	
	30.00 x	4.05		$\times 0.20 = 24.3$	
	30.00 x	4.05		$\times 0.20 = 24.3$	
	30.00 x	4.05		$\times 0.20 = 24.3$	
	30.00 x	4.05		$\times 0.20 = 24.3$	
	30.00 x	4.05		$\times 0.20 = 24.3$	
	30.00 x	4.05		$\times 0.20 = 24.3$	
	30.00 x	4.55		$\times 0.20 = 27.3$	
	30.00 x	4.05		$\times 0.20 = 24.3$	
	30.00 x	4.05		$\times 0.20 = 24.3$	
	30.00 x	4.05		$\times 0.20 = 24.3$	
	23.00 x	4.05		$\times 0.20 = 18.63$	
	4 x 30.00	4.05		$\times 0.20 = 97.2$	
					388.72
					213
c.c. Pavement					
	30.00	x 3.60	x 0.10	= 10.8	
	30.00	x 3.90	x 0.10	= 11.7	
	30.00	x 4.00	x 0.10	= 12.00	

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	30.00	x 3.80	x 0.10		= 11.4
	16.80	x 3.80	x 0.10		= 6.38
	30.00	x 3.80 + 4.00			
		+ 4.00		x 0.10	= 11.79
		3			<u>452.84</u>
limited to 449.83 m ³					m ³
Sensg. w. B.M. Grading 3					
Providing laying spreading					
and Compacting					
G.T. Perham					
	8.00	x 7.80 + 4.10		x 0.075	= 3.42
		2			
	22.00	x 3.75 + 3.60		x 0.075	= 6.06
		2			
	30.00	x 3.70	x 0.075		= 8.32
	30.00	x 4.00	x 0.075		= 9.00
	30.00	x 3.70	x 0.075		= 8.32
	30.00	x 3.70	x 0.075		= 8.32
	30.00	x 3.70	x 0.075		= 8.32
	30.00	x 4.20	x 0.075		= 9.45
	30.00	x 3.80	x 0.075		= 8.55
	30.00	x 3.95	x 0.075		= 8.88
	30.00	x 3.90	x 0.075		= 8.77
	23.00	x 3.90	x 0.075		= 6.72

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Sino-13. Cement concrete					
Pavement M30					
Construction of unimproved					
plain cement concrete					
30.00 x 3.60 x 0.160 =					17.28
30.00 x 3.90 x 0.160 =					18.72
30.00 x 4.40 x 0.160 =					19.2
30.00 x 3.80 x 0.160 =					18.2
16.80 x 3.80 x 0.160 =					10.2
30.00 x 3.80 x 0.160 =					18.24
					101.84

Limit - 91.8 m³.

SINO-15. R.C.C M15 grade					
Kilometer Stone / Local Stone					
of standard design.					
(i) ordinary kilometer.				2.	
(ii) 200m Stone				3.	

17. Providing and fixing logo of M.M.G.S.Y Project

4 Nos.

SINO-17. Boundary wall					
Guard Post - R.C.C M15					
grade					24 no

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
18) Retro reflectorized Traffic Signs.					
600mm equilateral triangle.					6
600mm Circular					4
600x600mm rectangular					4
600x450mm rectangular					2
900mm side octagon.					2
SP No-25. Road Marking with hot applied thermoplastic compound on bituminous surface					
					$2 \times 475.00 \times 0.10 = 95.00$
SP No-26. Road Marking with hot Applied Thermoplastic Compound					
					$2 \times 150.00 \times 0.10 = 30.00$
21) Planting of trees & Maintenance for one year					
					48 Nos.
22) Irrigation pipe 300mm providing 2 layers of R.C.C pipe duct 300mm dia - 20 mtr					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
For 2 nos.					
2x	20.64		—		41.28
					m ²
As Singh					
08/03/2021					

Abstract of cost.

- S.No-1: Providing & fixing of working bench Mark/Reference Pillars
 1 No per Km and 14 Nos @ 1 CH.
 (vide page 14 of this M.B.)
 Bench Mark Pillar
 1 No @ 3932 = 98 Rs 3932 = 93
- ② Reference Pillars
 (vide page 14 of this M.B.)
 2 Nos @ 1780 = 38 Rs 5560 = 76
- ③ Clearing and Grubbing
 Road Land
 (vide page 14 of this M.B.)
 0.437 Hecf @ 51133 = 76
 Rs 22345 = 45
- S.No-4: Constn of embankment with approved material lead up to 100 m.
 31810 m³ @ 131 = 03 Rs 41667.54

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SENO-5. Construction of Embankment with approved material lead up to 1000 mtr.					
239.40 m ³ @ 174 = 94					
			Rs	418	10 = 66
SENO-6. Construction of Subgrade and earthen shoulders (vide Page 16 of this M.B)					
995.69 m ³ @ 141 = 17					
			Rs	140561 = 55	
SENO-7. Construction of subgrade and earthen shoulders (vide Page 17 of this M.B)					
426.73 m ³ @ 176 = 58					
			Rs	75351 = 98	
SENO-8. WBM Granular Subbase with well graded material (vide Page 19 of this M.B)					
449.83 m ³ @ 2293.88					
			Rs	1031856 = 04	
SENO-9. WBM Granular Sub. (vide Page 20 of this M.B)					
179.3 m ³ @ 3140.02					
			Rs	563005.58	
SENO-9. Prime coat (vide Page 21 of this M.B)					
1816.88 m ² @ 44.75					
			Rs	81305.38	

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2 No-10 Tack Coat					
(vide page 21 of this M.B.)					
18/6.88 m ² (a)		15.22			
					Rs 27652 = 91
1 No-11. Mix Seal Surface					
(vide page 21 of this M.B.)					
8/6.88 m ² (a)		19.4 = 23			
					352892
					Rs 352886
					352892 = 60
1 No-12. C.C Pavement 430					
(vide page 22 of this M.B.)					
9/1.8 M ³ (a)		5870 = 12			
					Rs 538847 = 21
Traffic Signs Markings					
2 No-15. R.C.C. M ₁₅ granite					
(Calcutta Stone)					
Ordinary Calcutta Stone					
Prepared					
(vide page 22 of this M.B.)					
2 Nos @ 1975 = 49					
					Rs 3950 = 98
(1) 200m stone (Pre-cast)					
(vide page 22 of this M.B.)					
3 No @ 549.9					Rs 1649.70
17) Provide and fix video					
of M.M.G.S.V Project					
(vide page 22 of this M.B.)					
4 Nos @ 9205 = 52					
					Rs 36822 = 08

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Sl No-19. Boundary pillar/Guard Post (vide Page 22 of this M.B.)					
24 No @ 462 = 37 Rs 11096 = 88					
Sl No-20. Retros Reflections					
Tribrach Signs (vide Page 22 of this M.B.)					
600mm equilateral & Triangle					
6 Each 3658 = 04 Rs 21948 = 24					
600mm Circular (vide Page 23 of this M.B.)					
4 Each 4829 = 95 Rs 19719 = 80					
600x600mm rectangular (vide Page 23 of this M.B.)					
4 Each 6902 = 93 Rs 27611 = 72					
600mm x 450mm rectangular					
2 Each 4799 = 76 Rs 9599 = 52					
vide Page 23 of this M.B.) 900mm side octagon					
2 Each @ 8825 = 82					
					Rs 17651 = 67
25) Road Marking with hot applied Thermoplastic (vide Page 23 of this M.B.)					
95 m ² @ 735 = 44 Rs 69866 = 80					
26) Road marking with hot applied (vide Page 23 of this M.B.)					
30 m ² @ 821 = 29 Rs 24638 = 70					
Sl No-27. Planting of tree by li					
Road side (vide Page 23 of this M.B.)					
47.5 @ 815 = 26 Rs 38724 = 85					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
28) Irrigation pipe (vide page 23 of this M.B.)					
20 RM @ 895 = 42					R 17908 = 40
due to be (1x1000mm)					
29) Earth work in excavation for foundation (vide page 24 of this M.B.)					
59.6 m ³ @ 269 = 32					R 16051 = 47
30) Providing M15 (P.C.C. 1:2:5, 5 as leveling course in form ditches (vide page 24 of this M.B.)					
9.24 m ³ @ 4627 = 96					R 92577 = 23
31) plain/reinforced cement concrete in substructure (vide page 24 of this M.B.)					
67.48 m ³ @ 5365 = 74					R 362080 = 14
32) Providing and laying Rec pipe NP-3 for culvert (vide page 24 of this M.B.)					
15M @ 3743 = 66					R 56154 = 90
33) Painting on parapet wall (vide page 25 of this M.B.)					
41.28 m ² @ 97 = 19					R 4012 = 00.
					R 3706885.44

Continuation

