

L.M.G.S.

SC

Lohara To Rajhmathpur 49

Schedule XLV-Form No.-134

Andhara Pradesh, Sam No - 417762 DIVISION

417762 SUB-DIVISION

MEASUREMENT BOOK

4445

Lakhita Constans

537

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Work done:</u>					
<u>Sono-2: Construction of</u>					
<u>Subgrade and Earth</u>					
<u>Shoulders - - -</u>					
New constn					
P.C.C. road					
13 times $\times 30.00 = 390.00$					
				10.00	
				400.00	
				mtr	
$400.00 \times 4.50 \times 0.30 = 540.00$					
<u>Earth Shoulders -</u>					
Adjacent					
to P.C.C.					
$2 \times 400.00 \times 0.375 \times 0.16 = 48.00$					
					m ³
Adjacent					
to W.B.M.					
Gir III -					
$2 \times 400.00 \times 0.375 \times 0.075 = 22.50$					
Adjacent					
to G.S.B.					
$2 \times 400.00 \times 0.375 \times 0.10 = 30.00$					
					640.5
					m ³
<u>B.F. only vide Page 23</u>					
<u>of the M.B.</u>					
					3055.72
					m ³
					3696.42
					m ³
<u>Work</u>					
Adjacent to					
G.S.B. B.T					
portion -					
$2 \times 2130.00 \times 1.40 \times 0.20 = 1192.8$					
					m ³
					4889.22
					m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>SEN-8. Granular Sub</u>					
base with well Graded					
Material - Grading					
Material					
	46 times	30.00			1380.00
				20.00	
				1400.00	
	1400.00	4.05	0.20		1134.00
	24 times	30.00			720.00
				10.00	
				730.00	
	730.00	4.05	0.10		295.65
					m ³

Extra for P.C.
repair & Asphlt

Correction -

$$8 \times 30.00 \times 1.50 \times 0.10 = 36.00$$

m³

P.C. Portion -

$$13 \times 30.00 = 390.00$$

10.00

400.00

$$400.00 \times 3.75 \times 0.10 = 150.00$$

W.D. & no. per m³ -

$$730.00 \times (1.05) \times 0.10 = 76.65$$

$$(2 \times 0.525 \times 4)$$

1692.3

m³

SEN-9. W.B.M Grading

3.

Providing Lying spreading
and compacting stone
aggregates of specific

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Sizes to water bound					
macadam specifications.					
13 times x 30.00 = 390.00				10.00	
				400.00	
pu					
400.00 x 3.75 x 0.675 = 112.5					
HT					
200 x 3.75 x 0.075 = 56.25					
					168.75
					m ³ .
SINO-13. Cement Concrete					
Pavement M30					
Construction of work in for					
CD, Plain Cement					
Concrete Pavement					
Thickness as per design.					
13 times x 30.00 = 390.00				10.00	
				400.00	
				m ³	
400.00 x 3.75 x 0.116 = 240.00					
A2					m ³ .
SINO-16 Kilometer Stone					
Ordinary Kilometer Stone - 3 no					
SINO-17. Providing and					
fixing logo of project					
Citizen Information					2
Board					1
					3 Nos.

Continuation

Continuation

R.C Box culvert			
① Earth work excavation for foundation. ---			
Box culvert. ---			
$6.100 \times 7.100 \times 0.65 = 27.3 \text{ m}^3$			}
Cut off wall. ---			
$2 \times 7.100 \times 1.30 \times 1.80 = 32.76 \text{ m}^3$			}
Return wall. ---			
$6.55 \times 3.42 \times 1.8 = 40.32$			}
$6.15 \times 3.42 \times 1.8 = 37.85$			
Slope $6.100 \times 3.42 \times 1.8 = 36.93$			
$6.40 \times 3.42 \times 1.8 = 39.39$			
			154.99 214.55 m ³

Continuation

Scanned with CamScanner

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SINO-2. Providing concrete for plain/reinforced concrete open foundations...					
Box culvert.					
	2	6.00	2.50	0.10	$= 3.00 \text{ M}^3$
Return wall					
Length - 6.55		6.55			
		6.15			
		6.00			
		6.40			
		25.10			
	25.10	2.42	0.20		$= 12.14$
					15.14 M^3

SINO-3. Re-cement					
	4	5.84	2.017	0.20	$= 9.42$
	4	5.84	1.917	0.20	$= 8.95$
	4	5.84	1.817	0.20	$= 8.48$
	4	5.84	1.717	0.20	$= 8.02$
	4	5.84	1.617	0.20	$= 7.55$
	4	5.84	1.517	0.20	$= 7.08$
	4	5.84	1.417	0.20	$= 6.62$
	4	5.84	1.317	0.20	$= 6.15$
cut off wall.	2	5.00	0.30	1.50	$= 4.50$
					66.77
					M^3

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Substructure	SP No-35/4				
Plain/reinforced Cement concrete in Substructure.					
cut of wall	4 x 5.8	4 x 0.78	1.78		32.43
					m ³
Item No-5	Providing and				
holes					
Return					
wall	4 x 8				32 Nos
Abutment	2 x 3				6 Nos
					38 Nos.
Item No-6	Plain/reinforced				
Cement concrete in cut					

Structure complete.

Bottom	6.00 x 5.00 x 0.25				7.5
Side wall	2 x 6.00 x 4.00 x 0.25				12.00
Reinforcement	2 x 4 x 6.00 x 0.01				0.48
					19.98
					m ³

Item No-8: Backfilling

Behind					
Abutment & Return	2 x 5.84 x 5.20 x 0.20				12.14
wall	2 x 5.84 x 4.61 x 0.178				9.584
					107.98

Item No-10: Filter media.

	2 x 4.61 x 0.60 x 1.70				9.40
	4 x 2.32 x 0.60 x 1.87				10.42
					19.82

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
42 S.No. 42 Supply, fitting and placing HYSD bar reinforcement in Super Structure Complete.					
12mm ϕ bar.					
Bent up —					
24 Nos X 2.75M = 66.00 Mtr					
Straight —					
25 Nos X 2.55 = 63.75M					
				129.75	
				M.	
129.75 M @ 0.89 kg/m.					115.48
					Kg

Longitudinal bar					
20 Nos X 5.90 = 118.00 Mtr					
118.00 M @ 0.62 kg/m.					73.16
					Kg

Top Galv

41 Nos X 2.55M = 104.55M.					
18 Nos X 5.90 = 106.20M					
Total = 210.75M					

210.75M @ 0.62 kg/m					130.67
					Kg

Chairs

8 Nos X 0.95M = 7.60 Mtr					
--------------------------	--	--	--	--	--

7.60 Mtr @ 0.62 kg/mtr					4.71
					Kg

Continuation

324.62 Kg

Abstract of Cast.

SINO-1. Setting out Pillars
Providing and fixing of working
bench Mark. Reference
Pillars —————
Bench Mark Pillars.
vide Page 18 of this M.B
1 no @ 4349 = 21
Rs 4349 = 21
reference Pillars
10 Nos @ 1980 = 29
Rs 1980 = 90

SINO-2. Clearing and Grubbing
road land.
vide Page 13 of this M.B)
1.77 Ha @ 49739 = 47
Rs 88038 = 86

Scanned with CamScanner

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SINO-3 Box cuttings (vide Page 22 of this M.B.)					
7645.43					
					R. 6286.006
SINO-4 Construction of embankment with Ha terial					
(vide Page 23 of this M.B.)					
2700.32					
					R. 365642.089
SINO-5 Construction of embankment with appo wed material					

Taken in area (vide Page 24 of this M.B.)					
800.30					
					R. 149,872.61
SINO-7 Construction of Subgrade and Surface Shoulders					
(vide Page 31 of this M.B.)					
4889.22					
					R. 924600
R. 7					R. 2220547.082
SINO-8 Gravel or Subbase with Graded Material					
(vide Page 32 of this M.B.)					
1672.34					
					R. 2385.98
					R. 4037370.87

Continuation 5595988.7

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SINO-9. W.D.M. Grading					
3. Providing Long & short dip					
(vide page 33 of this M.B.)					
168.75 M ³ @ 3282 = 0.8					
Rs 553851 = 10					
SINO-13. cement concrete					
to permanent. construction of unreinforced					
plain cement concrete					
Pavement					
(vide page 36 of this M.B.)					
244.80 M ³ @ 6608 = 45					
Rs 1617748 = 56					
SINO-15. Kilometer Stone					
(vide page 33 of this M.B.)					
3 no @ 2254 = 04					
Rs 6762 = 12					
SINO-16. Providing and fixing					
logo of PMGSY Project.					
(vide page 33 of this M.B.)					
3 no @ 10027 = 69					
Rs 30083 = 07					

Continuation

$$134.95 \text{ m}^3 @ 63.81 = 8611.66 = 99$$

Scanned with CamScanner

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SINO 29. Providing and Laying R.C.C pipe MP3 for culvert (vide Page 24 of this M.B.)					
30.00 mtr	(a)	4323	72		
					129711=60
2x 2M Single Box Culvert.					
SINO-31 Earth work i.e. excavation for foundation of structures					

vide Page 15 — 190.80 M³

vide Page 36 — 214.55 M³

405.35

M³

405.35 M³ @ 285.71

Rs 115812=54

SINO. 32. Providing concrete

for plain reinforcement concrete in open foundations

(vide Page 15 of this M.B.)

V.P. 15 — 15.85 M³.

V.P. 37 — 15.14 M³

30.99 M³

30.99 M³ @ 5452=37

Rs 168987.54

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>21 No - 33. Provide concrete</u>					
for plain/reinforced concrete					
in open foundation					
V.P. 25 of					
1111 M.B			62.50	M ³	
V.P. 37 of			66.37	M ³	
1111 M.B					
			129.02	M ³	
3					
129.02 M ³			26139	= 32	
			R	792402 = 03	
				792402 = 03	
<u>21 No - 35. plain reinforced</u>					
Cement concrete in sub					
structure complete to					
for space P =					
vide page 38 of this M.B)					
32.43 M ³			26381	= 40	
			R	206935 = 83	
<u>21 No - 36. Provide weep</u>					
holes					
V.P. 15			20 Nos		
V.P. 38			38 Nos		
			58 Nos		
58 Nos			2131	= 72	
			R	7639 = 76	
<u>21 No - 37. plain reinforced</u>					
Cement concrete in sub					
structure					
V.P. 38			19.98	M ³	
V.P. 16			20.04	M ³	
			40.02	M ³	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
40.02 M ³ @ 76880211					286 33/149
@ 7154 = 21					R 307674200
Sino-38. Supplying					
filling and placing HPSO					
bar					
V.P 15 of this					
M.B —					1670.22 Kg
V.P. 41 of this					
M.B —					2011.22 Kg
					3681.44 Kg
3681.44					3.68
1000					M.T

3.68 M.T @ 76880211
 R 2829/8 = 80

Sino-39. Back filling bitum
 Abutment

vide Page 17 — 68.56 M³

vide Page 38 — 107.98 M³

176.54 M³

139.16 M³ @ 742 = 14

R 101791.92

Sino-40. Providing and
 laying filter Media

V.P- 17 — 39.64 M³

V.P- 38 — 19.82 M³

59.46 M³

Particulars	Detailed measurement			Contents of area
	No.	L.	B.	D.

59.46 m³ @ 2939 = 86
 RD 19
 174804 = 07.

SINO-41. Providing and
 laying reinforced cement
 concrete in Superstru
 ction

V.P. 26 of this M.B. — 8.0 m³
 V.P. 39 of this M.B. — 8.75 m³
 ————— 16.75 m³

16.75 m³ @ 7844 = 18
 RD 131725 = 20

SINO-42 Supplying, fitting
 and placing HYSD bar
 reinforcement

V.P. 26 — 648.04 Kg
 V.P. 43 — 648.04 Kg
 ————— 1296.08

1.29 m. T @ 78002 = 91
 RD 100623 = 75

SINO-43. Parapet Cons
 truction Plain/reinforced
 Cement Concrete in
 Substructure

V.P. 17 — 8.0 m³
 V.P. 39 — 7.44 m³
 ————— 15.44 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
15.44m ³ @ 108298					
					Rs 1682265
SINO-45. Drainage					
Spouts complete					
(vide Page 39 of this M.B)					
4 Nos @ 468 = 21					
					Rs 1872.84
SINO-46. Providing and					
Laying of a reinforced					
concrete pipe					

duct 300mm dia					
(vide Page 34 of this M.B)					
54 R.M @ 1006.56					
					Rs 54354.24
					1,13,574.02 = 21
					@ 140716.21 = 46

Continuation