

2000/2001 - 10 Choralbati
Schedule XLV-Form No. 134

MMGISY (AWSESH)

 DIVISION

 SUB-DIVISION

Process

MB-N/O 6-22250

MEASUREMENT BOOK

1

Name to work
 Situation of work
 Agency by which work is executed
 Date of measurement
 No. and date of agreement
 (These four lines should be repeated at the commencement of the measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work: Construction of					
Road (work by njanpu)					
to chara/bari					
Agency: Kishan Kumar Batai					
Agreement No:- B.B.D/1024-25					
Date of commencement: 05/01/2024					
Date of completion: 09/09/2025					
Record measurement					
(1) 2.2 pl & fixing of					
typical masonry informatory					
sign board.					
1 x 1.00 x 10. = 1.00 x 10.					
(2) 2.3 pl & fixing of					
typical					
(3) clearing and scrubbing					
road land - 2.17					
2 x	5 x	30m x	2.00m	= 600.00m ²	
2 x	7 x	30m x	2.00m	= 840.00 "	
2 x	7 x	30m x	2.00m	= 840.00 "	
2 x	1 x	5m x	2.00m	= 20.00 "	
				847 x	2300.00m ²
					0.23 hect

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
③ construction bench					
open pillar—E.I.T.					
			1 x 0.580 km		0.580 km
④ construction of					
Reference pillar—E.I.T.					
			1 x 0.580 km		0.580 km
M.P.C = 181000 mm ²					0.1110.
⑤ start in excavation					
for foundn—E.I.T.					
H.W.:- 2 x 6.45 x 1.40 x 1.50 =					27.03 m ³
Below pipe:- 1 x 4.85 x 1.53 x 0.365 =					2.70 "
				Qty =	29.79 m ³
⑥					
32 plot pcc M15 in					
open foundn—E.I.T.					
H.W.:- 2 x 6.45 x 1.40 x 0.150 =					2.71 m ³
Below pipe:- 1 x 4.931 x 1.530 x 0.250 =					1.88 "
				Qty =	4.59 m ³
⑦					
33 plot pcc M20 in					
Sub structure—E.I.T.					
H.W.:- 2 x 6.15 x $\frac{1.25 + 0.40}{2}$ x 3.18 m =					32.27 m ³
Parapet:- 2 x 6.15 x 0.40 x 0.600 m =					2.95 "
less pipe:- 2 x 0.7857 x $(1.23)^2$ x 0.622 =					1.47 (-)
				Qty =	33.75 m ³
⑧					
34 plot & laying RCC					
PIPE MP2 (141000 mm ² &)					
—E.I.T.					
			3 x 2.50 m =		7.50 m

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
For H. work calculation as per graph					
Distance			filling (area)	filling (area)	filling (volume)
0	0		1.03	0.0	0.0
50	50		1.33	1.240	62.00
100	50		1.078	1.234	61.700
150	50		1.316	1.197	59.850
200	50		1.336	1.326	66.300
250	50		1.69	1.513	75.650
300	50		1.0	1.345	67.250
350	50		0.965	0.983	49.125
400	50		1.028	0.997	49.825
450	50		1.13	1.097	53.950
500	50		0.955	1.043	52.125
550	50		0.841	0.838	44.900
575	25		0.559	0.700	19.500
				8.7 =	600.175 m ³

(9) Construction of

embankment lead

1000 m — E.I.T.

$$\text{N.W.T. MBP - (9)} = 600.175 \text{ m}^3$$

$$600.175 \text{ m}^3 \times 30\% = 180.05 \text{ m}^3$$

(10)

Construction of

embankment lead 1000 m

— E.I.T.

$$\text{N.W.T. MBP - (10)} = 600.175 \text{ m}^3$$

$$600.175 \text{ m}^3 \times 70\% = 420.12 \text{ m}^3$$

Continuation

Particulars	Details of area of measurement				Contents of area
	No.	L.	B.	D.	
Excavation of					
1. 10m x 10m x 1.5m					
2. 10m x 10m x 1.5m					
3. 10m x 10m x 1.5m					
4. 10m x 10m x 1.5m					
5. 10m x 10m x 1.5m					
6. 10m x 10m x 1.5m					
7. 10m x 10m x 1.5m					
8. 10m x 10m x 1.5m					
9. 10m x 10m x 1.5m					
10. 10m x 10m x 1.5m					
11. 10m x 10m x 1.5m					
12. 10m x 10m x 1.5m					
13. 10m x 10m x 1.5m					
14. 10m x 10m x 1.5m					
15. 10m x 10m x 1.5m					
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26. 10m x 10m x 1.5m					
27. 10m x 10m x 1.5m					
28. 10m x 10m x 1.5m					
29. 10m x 10m x 1.5m					
30. 10m x 10m x 1.5m					
31. 10m x 10m x 1.5m					
32. 10m x 10m x 1.5m					
33. 10m x 10m x 1.5m					
34. 10m x 10m x 1.5m					
35. 10m x 10m x 1.5m					
36. 10m x 10m x 1.5m					
37. 10m x 10m x 1.5m					
38. 10m x 10m x 1.5m					
39. 10m x 10m x 1.5m					
40. 10m x 10m x 1.5m					
41. 10m x 10m x 1.5m					
42. 10m x 10m x 1.5m					
43. 10m x 10m x 1.5m					
44. 10m x 10m x 1.5m					
45. 10m x 10m x 1.5m					
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92. 10m x 10m x 1.5m					
93. 10m x 10m x 1.5m					
94. 10m x 10m x 1.5m					
95. 10m x 10m x 1.5m					
96. 10m x 10m x 1.5m					
97. 10m x 10m x 1.5m					
98. 10m x 10m x 1.5m					
99. 10m x 10m x 1.5m					
100. 10m x 10m x 1.5m					

Continuation

 Key
05/11/24
AE

 05/11/24
AE

Abstract of cost

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Sch. XLV—Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
① Construction of brick wall pillar—E17				
0.4600m A.W. 7.7 B.P. (1)				
@ 6388.80/m — Rs.				3106.00
② Construction of Refractory Wall—E17				
0.5800m A.W. 7.7 B.P. (1)				
@ 3676.13/m — Rs.				2132.00
③ Clearing and grubbing road land—E17				
0.23 Hect A.W. 7.7 B.P. (1)				
@ 75573.74/Hect — Rs.				17382.00
④ Const. of embankment				
Lead 100m — E17				
180.05m ² A.W. 7.7 B.P. (1)				
@ 253.52/m ² — Rs.				45646.00
⑤ Const. of subgrade and earthen shoulder — E17				
506.25m ² A.W. 7.7 B.P. (1)				
@ 256.00/m ² — Rs.				129600.00
⑥ Const. of embankment				
Lead 100m — E17				
420.12m ² A.W. 7.7 B.P. (1)				
@ 180.72/m ² — Rs.				75924.00
⑦ Const. of GSB with metal — E17				
0.0301.95m ² A.W. 7.7 B.P. (1)				

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
R.I. = 301.93 m					
⑧ 3007.33 / m ² - 15					908122.0
⑧ pl. & laying spreading					
and Compacting					
W.B.M. 11-51.7					
47.19 m ² O.V. 7. MBP-④					
③ 5022.63 / m ² - 15					212200.0
③ 22 pl. & laying of					
typical masonry					
informatory sign board.					
1.0 No. O.V. 7. MBP-①					
@ 17081.25 / each - 15					17081.0
⑩ 31 sl. in excavation					
for found - 51.7					
29.79 m ² O.V. 7. MBP-②					
@ 398.62 / m ² - 15					11875.0
⑪ 32 pl. PCC M15 in					
open found - 51.7					
4.59 m ² O.V. 7. MBP-②					
@ 7917.80 / m ² - 15					36343.0
⑫ 33 pl. PCC M20 in					
sub structure - 51.7					
33.75 m ² O.V. 7. MBP-②					
@ 8806.91 / m ² - 15					297233.0
⑬ 34 pl. & laying pcc pipe					
NP3 (1200 mm dia) - 51.7					
7.50 m O.V. 7. MBP-②					
@ 7821.72 / m - 15					58663.0

Continuation

C.O. Rs. 1815914.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Material of stone					
(1) 100 mm = 1106.42 m ² @ 35.25/m ²					33001.00
(2) 53 mm = 236.00 m ² @ 34.58/m ²				236.00	27782.00
(3) 2.36 mm = 108.70 m ² @ 129.91/m ²				108.70	15734.00
(4) 53 mm = 22.40 m ² @ 34.58/m ²				22.40	5615.70
(5) 11.7 mm = 11.39 m ² @ 429.91/m ²				11.39	4827.00
(6) 40 mm = 14.35 m ² @ 992.33/m ²				14.35	14239.00
(7) 20 mm = 12.75 m ² @ 1207.76/m ²				12.75	16002.00
(8) 10 mm = 6.45 m ² @ 595.16/m ²				6.45	3838.00
(9) C-sad = 17.39 m ² @ 577.80/m ²				17.39	10047.00
				115.	387802.00
				1 fee	38780.00
 05/11/2024 J.E.					