

Agency - SRI KRISHNA ENTERPRISES

UT Road to Kambhari Harijan Tols

Schedule XLV-Form No. 134

N.M.G. 54 - NDB

E.E. Ruid. WDN Angachad **DIVISION**

A.E. Angachad **SUB-DIVISION**

NO-14548

MEASUREMENT BOOK

Certified That This M.B. Contain (100)
Pages By Printers Machine And Issued
To Sri..... Hare Ram A.E- R.W.D
Work Sub-Div..... Aurangabad

28/12/24
Executive Engineer
Rural Works Department
Work Division, Aurangabad
28/12/24

Sch. XLV-Form No. 134

E.E. Aurangabad DIVISION

A.E. Aurangabad SUB-DIVISION

Measurement Book

No. 4548

Name of officer Sri Hare Ram, A.E.
Aurangabad

Date of first entry _____

Date of last entry _____

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(1) Const. of Embankment					
With Material obtained					
do					
S.No	CH	Full Area	Mean Area	Dist. in m.	Full Volume
1	0	3.777			
2	50	3.303	3.54	50	177.000
3	100	1.814	2.559	50	127.925
4	150	4.010	2.912	50	145.600
5	200	4.068	4.039	50	201.950
	250	4.627	4.348	50	217.375
	300	2.815	3.721	50	186.050
	345	3.688	3.252	45	146.318
				544	1202.218 m ³

<u>Deduct Items</u>		
Subgrade	86.69 m ³	}
C.S.B	116.74 m ³	
WBM-III	98.97 m ³	
PCC	211.14 m ³	
		513.54 m ³
		Qty 688.678 m ³
		688.678 × 80% Allowed = $\frac{550.94}{482.07}$ m ³
2) Const. of sub grade & earthen shoulder —		
	86.69 m ³ × 80% Allowed = $\frac{69.35}{60.68}$ m ³	
<u>PCC</u>		<u>60.68</u>
12.424		12.424
D.E.		3.6

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
ABSTRACT of COST					
1) Bench Mark Pillars —					
01 No. vide TMB P-1					
@Rs 4448.37/No — Rs 4448.00					
2) reference Pillars —					
01 No. vide TMB P-1					
@Rs 2056.79/each Rs. 2057.00					
3) clearing & grubbing.					
road land — do —					
0.24 Hect, vide TMB P-1					
@Rs 75573.34/Ha — Rs 18138.00					
4) cutting off trees including					
cutting of trunks, branches					
& removal stumps —					
2 No. vide TMB P-2					
@Rs 357.26/each Rs. 715.00					
5) Removal of Telephone/					
electric Poles & lines —					
2 No. vide TMB P-2					
@Rs 252.07/each Rs 504.00					
(b) Box cutting —					
8.75 m ³ , vide TMB P-2					
@Rs 103.96/m ³ — Rs 910.00					

Continuation

S.No. & Particulars					
Details of actual measure					Contents of area
No.	L.	B.	D.		
7)	Const. of embankment with approved material do do				
	5.25 m ² wide TMB P-2				
	@ Rs 63.01/m ² — Rs				331 = 00
8)	Const. of embankment with approved material do do Lead up to 100 m —				
	550.94 482.07 m ² , wide TMB P-10				
	@ Rs 261.09/m ² — Rs.				143845 = 00 125864 = 00
9)	Const. of subgrade 8				
	earthen shoulder —				
	69.35 m ² 60.68 m, wide TMB P-10				
	@ Rs 264.63/m ² — Rs				18352 = 00 16658 = 00
10)	Const. of C.S.B —				
	116.74 m ² , wide TMB P-9				
	@ Rs. 2771.07/m ² — Rs				323495 = 00
11)	Providing WBM C.R. III —				
	98.793 m ² , wide TMB P-4				
	@ Rs 4159.70/m ² — Rs				411686 = 00

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(12) P.C. Pavement m ² — 20 —					
211.4 m ² , vide T.M.B. P-3					
@ R ₁ 12042.1/m ² - R ₂					1521097.20
(13) Hand Shoulder —					
166.58 m ² , vide T.M.B. P-8					
@ R ₁ 518.24/m ² - R ₂					83178.20
(14) Kerb Stone —					
2 No. vide T.M.B. P-8					
@ R ₁ 2698.83/m ² - R ₂					5398.20
(15) 200 m Stone —					
1 No. vide T.M.B. P-8					
@ R ₁ 773.33/m ² - R ₂					773.20
(16) Providing & fixing Lanes of Project — 20 —					
4 No. vide T.M.B. P-8					
@ R ₁ 11358.03/cash R ₂					45432.20
(17) Providing road letter —					
44 cm, vide T.M.B. P-8					
@ R ₁ 0.75/cm - R ₂					33.20

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(18) Boundary Pillars —					
20 No. vide TMB P-8					
@ Rs 736.79/each Rs					14736.20
(19) 600 mm Equilateral A					
Triangle —					
6 No. vide TMB P-9					
@ Rs 4132.68/each Rs.					24796.20
(20) 600 mm Circular —					
4 No. vide TMB P-9					
@ Rs 5556.41/each Rs					22226.20
(21) 600 mm x 450 mm					
rectangular —					
6 No. vide TMB P-9					
@ Rs. 5410.68/each Rs.					32464.20
(22) Road markings on					
PCC					
PCC Portion —					
69.00 m ² vide TMB P-9					
@ Rs 1005.35/m ² — Rs					69369.20
(23) Rumble Strips —					
814 vide TMB P-8					
(9) Premix Bit Carpet —					
13.50 m ² @ Rs 258.19/m ² — Rs					3486.20

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(b) Road Marling Paint -					
13.50 m ² , @ Rs 886.46/m ² - Rs.					11967.20
(24) calc in excavation					
for foundation —					
29.80 m ² , vide TMB P-5					
@ Rs 398.62/m ² — Rs.					11879.20
5) PCC m15 in landing					
concrete in foundation —					
4.60 m ³ vide TMB P-5					
@ Rs 6238.95/m ³ — Rs.					28699.20
(26) PCC m20 in S/S —					
27.65 m ³ , vide TMB P-6					
@ Rs 7190.25/m ³ — Rs.					198810.20
(27) RCC Pipe NP3 for					
culvert —					
7.50 m, vide TMB P-6					
@ Rs 7616.57/m — Rs.					57124.20
(28) Painting on parapet wall —					
20.64 m ² , vide TMB P-9					
@ Rs 137.83/m ² — Rs.					2845.20

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(29) 300 mm irrigation pipe — — 2.0 —					
10.00 km, vide TMB P-3					
@ Rs 1017.80/m — RA					10178.00
(30) Plastering with c.m. — 20.64 m ² , vide TMB P-6					
@ Rs 204.53/m ² — RA					4222.50
(31) Brick masonry in c.m. (1:3) in plaster — 2.95 m ² , vide TMB P-6					
@ Rs 6911.02/m ² — RA					20388.00
(32) P.C.C. M20 coping on the — top of wing wall — 12.30 m, vide TMB P-6					
@ Rs 466.65/m — RA					5740.00
(33) Dismantling on P.C.C. — 0.53 m ² , vide TMB P-5					
@ Rs 683.75/m ² — RA					362.00
(34) Dismantling on c.m. — 17.32 m ² , vide TMB P-5					
@ Rs 319.41/m ² — RA					5535.00

Continuation

Continuation