

*Machaka Mounah's Peggy road
to Klok Gond 70/9*

Schedule XLV-Form No. 134

DIVISION

SUB-DIVISION

21st July 1947

MEASUREMENT BOOK

Name of 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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work: Construction of road from Machale Mavathi PMGSY road to Khep Gural P/S					
Agency: Shashi Prakash Piveli, Pharsale, West Chhambur					
Agreement No:					
Agreement Amount: Rs 3015800 :-					
Date of Start: 31/12/2020					
Date of Completion: 30/09/2021					
<u>Record Measurement</u>					
1. Clearing and grubbing					
	218	30.00	14.50		= 720 m ³
				say	= 0.07 Haul
2. Construction of wing wall = 0.240					
3. Construction of embankment -					
	8	30.00	$\frac{6+6.4}{2}$	$\frac{4+3.5}{2}$	
				X 0.500	= 294 m ³
Construction of embankment :-					
- - lead up to 100m					= 88.20
Construction of embankment -					
- - lead up to 100m					= 205.8
Continuation					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4 Construction of granular Sub-base					
	8 X	20.00	2.750	0.100	50.00 m ³
	2 X	23.50	$\frac{(4.9 + 3.75)}{2} = 3.75$		
				X 0.100	2.700 "
			Total		92.700 m ³
Accepted by					
03/03/21					
IR					
Revised					
1 Providing and fixing 90 y					
Sign board					= 2 m ²
2 Construction, Laying					
Spreading WBM Gravel					
	3 X	30.00	3.75	0.075	25.31 m ³
3 Box culvert (1X1M X 1M)					
(i) Earth work in excavation					
Left		1.50	5.40	0.57	4.13 m ³
C/W	2 X	7.50	0.50	1.00	2.20 "
(Below)					
Right	4 X	2.00	0.50	1.00	7.20 "
Side		2.50	2.50		6.25 "
Clear					
					15.81 m ³
					20.28 m ³
(ii) Providing weep hole					14 m ³
(1/4 Back filling)	2 X	5.40	0.60	1.00	7.80 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(i) Sand filling in foundation					
Ref		5.40 x	1.50 x	0.25 =	2.025 m ³
Q/w	2 x	1.50 x	0.50 x	0.25 =	0.38
				Total =	2.40 m ³
(ii) Prov. RCC in foundation					
Ref		5.40 x	1.50 x	0.25 =	2.02 m ³
Q/w	2 x	1.50 x	0.40 x	0.2 =	0.24
				Total =	2.26 m ³
(iii) Providing RCC in					
Ref	1 x	6.00 x	1.50 x	0.24 =	1.89 m ³
Q/w	2 x	1.50 x	0.20 x	1.14 =	1.03
Q/w	4 x	2.00 x	0.20 x	1.32 =	3.24
				Total =	6.16 m ³
Altar	2 x	6.00 x	0.45 x	1.00 =	3.00 m ³
R/w	4 x	2.00 x	0.20 x	1.21 =	2.90
Hunter	4 x	1/2 x	6.00 x	0.20 x 0.15 =	0.36
Decor slab	1 x	6.00 x	1.50 x	0.24 =	1.89
Perfor	2 x	1.50 x	0.25 x	0.60 =	0.45
				Total	14.76 m ³
(iv) Supplying, fitting, and placing HYSD bar in structure 10 mm dia in					
Ref and	4 x	28 x	1.50		228 m
Slab					
Asmt for	2 x	28 x	1.50 =		114 m
Inside part					
Outer side	2 x	28 x	2.00 =		167.20 m

Continuation

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Distribution bar in A/c					
and A/c bar 10 mm ϕ bar					
		8 X 8 X 6.00			= 384 m
Angle bar 10 mm ϕ bar					
		4 X 38 X 0.80			= 121.60 m
Lintel		4 X 35 X 0.85			= 125.20 m
Parapet		2 X 2 X 8 X 1.00			= 32.00 m
Distribution		2 X 2 X 4 X 1.10			= 24.00 m
Main bar in cut off wall					
10 mm ϕ bar					
		2 X 2 X 8 X 1.00			= 48 m
Main bar in Return beam					
		4 X 2 X 9 X 2.70			= 194.40 m
Distribution bar in C/W					
and R/W 10 mm ϕ bar					
		2 X 2 X 6 X 5.50			= 132 m
10 mm ϕ bar in R/W same					
to Left level					
		4 X 2 X 6 X 2.25			= 108 m
Chair bar = 2 X 4 X 1.00					= 9.6 m
Over bar = 145 X 0.40					= 58 m
					Total = 1750 m
Cost of 10 mm ϕ bar @					
0.617 kg/m.					
Total wt					= 1079.75 kg
					1.08 MT

Continuation

Accepted by
16/03/24

SR

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Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
8/21 Earth work in excavation for foundation wide TMA by					
No. 2 = 20.28 m ² retained					
to 20.27 m ² @ Rs 283.54/m ²					5755.00
9/22 Second filling wide TMA by					
No. 7 = 2.40 m ² retained					
to 2.21 m ² @ Rs 444.37/m ² Rs					1026.00
10/24 providing RCC M-15 wide TMA by					
per 3 = 2.26 m ² retained					
to 2.10 m ² @ Rs 7210.45/m ² Rs					15352.50
11/29 providing RCC M-25 wide TMA by					
per 3 = 14.76 m ²					
retained to 14.71 m ² @ Rs					
8985.99/m ² Rs					132184.00
12/40 Back filling wide TMA by					
No. 2 = 7.80 m ² retained					
to 7.68 m ² @ Rs 3833.57/m ² Rs					29442.00
13/41 providing weep hole wide TMA by					
per 2 = 14 m ² @ Rs					
83.92/each Rs					1175.00
14/43 Supply, fixing & laying HYSD bar wide TMA by					
to 1.08 m ² @ Rs 50248.24/m ² Rs					54017.00
Total Rs					8,23,706.00
Add 12% GST Rs					98845.00
Add 1% cess Rs					8237.00
Add architect fee Rs					9226.00
Continuation					
Total Rs					940014.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			R ₁		94001420
less 0.15% as per agreement			R ₂		1410 = ~
Payable amount Rs.					938604:0
Accepted by					
		16/3/14			
		or			
Material Statement					
1 Earth work		1294 m ³			(24.81/m ³)
2 Stone masonry		108.49 m ³			(587.40/m ³) (620.64/m ³)
3 Crushed sand		23.27 m ³			(289.61)
4 Stone screening		6.07 m ³			(397.73/m ³)
5 Stone chips		15.047 m ³			(668.80/m ³)
6 Coarse sand		10.01 m ³			(175.80/m ³)
7 Cement		6.564 t			(5771.60/t)
8 Gravelly Sand		9.22 m ³			(668.80/m ³)
Accepted by					
		16/3/14			

Continuation