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To Sri.....Rajan Ram.....A.E. R.W.
Work Sub-Div.....Kutumba.....

Yashodh
10/12/20
Executive Engineer
Rural Works Division, nt
Works Division, Aurangabad

Schedule XLV - Form No. 134.

E.E. Akbari

OFFICER.

A.E. Kutumba

SUB-DIVISION.

MEASUREMENT BOOK

2788

211550

Name of owner Sri Rajan Ram A.E.

Kutumba

Date of first survey

Date of last survey

Page number of, etc.

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Measurements					

①/9 Sampling laying boundary and
compacting - d. W.B.M. gr. 3-d. 12
up to 1000 mm

For R.C.D. Road
and

1x	9.0	6.0	0.075		4.05 m ²
1x	30.00	3.75	0.075		8.431
1x	7.5	3.80	0.075		2.14 m ²
1x	30.00	3.70	0.075		8.32 "
1x	12.60	3.70	0.075		3.50 "
2x	30.00	3.70	0.075		16.85
1x	20.00	3.70	0.075		5.50 "
1x	10.00	3.80	0.075		2.85
1x	11.50	5.0	0.075		4.21 m ²

2x	10.00	4.00	0.075		6.00 m ²
1x	30.00	3.75	0.075		8.431
1x	13.00	3.75	0.075		3.65 "
2x	22.00	3.80	0.075		12.54 "
1x	30.00	3.75	0.075		8.431
1x	15.00	3.75	0.075		4.21 m ²
					94.23 m ²
					but 2nd
					93.23 m ²

②/6.7. Construction of Subgrade
and a 100 mm thick layer
base course - d. 100 mm
100 mm - d.

1x	3.00	1.00	0.175		5.25 m ²
1x	11.50	1.00	0.175		2.00 m ²

Continuation

7.25 m²

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
				3A-qty	7.25 m ³
2x 10m x 1.0m x 0.175m					3.50 m ³
1x 30m x 1.0m x 0.175m					5.25 m ³
1x 23m x 1.0m x 0.175m					4.02 m ³
2x 15m x 1.0m x 0.175m					5.25 m ³
2x 10m x 1.0m x 0.175m					3.50 m ³
2x 30m x 1.0m x 0.175m					10.50 m ³
					15.75 m ³
2x 15m x 1.0m x 0.175m					5.25 m ³
					7.87 m ³
					52.39 m ³
					44.52 m ³
(A) Lead - 1000 m					20.11 m ³
(B) Lead - 100 m					32.28 m ³

③/10 Finishing Panel Ceilings

Consolidate, Plaster Ceiling

Consolidate Plaster - d

- d all completed

1x 9m x 6m x 0.1m					5.40 m ³
1x 30m x 3.70m x 0.1m					11.25 m ³
1x 7.50m x 3.80m x 0.1m					2.85 m ³
1x 30m x 3.70m x 0.1m					11.10 m ³
1x 12.60m x 3.70m x 0.1m					4.66 m ³
2x 30m x 3.70m x 0.1m					
1x 20m x 3.70m x 0.1m					
1x 10m x 3.80m x 0.1m					3.80 m ³
1x 11.50m x 5.00m x 0.1m					5.75 m ³
2x 10m x 4.00m x 0.1m					8.00 m ³
					52.50 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
					B. of aty = 52.51 m ²
1x 30m x 2.75m x 0.10m					11.25 "
1x 23m x 3.75m x 0.10m					8.62 "
2x 22m x 3.30m x 0.10m					16.72 "
1x 30m x 3.75m x 0.10m					11.25 "
1x 15m x 3.75m x 0.10m					5.62 m ²
					105.97 m ²

Q1, Linking and filling of
- d B.M. Pillar - d 1 No

Q2, Linking and filling of
Reference Pillar - d 1 No

Thus

2 P.M. 21
J.E.

~~20.11.21~~
20.11.21
A.P.S.

Measurement

Q1/6.7 Construction of Sub-grade
and earthen shoulder - d 1000m

For borrow pit - d C.I.

Adjoining Rec. Paving

1x 30m x 1.0m x 0.10m					3.00 m ²
1x 23m x 1.0 x 0.10					2.30 "
2x 15m x 1.0 x 0.10					2.00 m ²
2x 10.0 m x 1.0m x 0.10m					2.00 "
2x 15.0m x 1.0m x 0.10m					3.00 "
2x 30m x 1.0m x 0.10m					6.00 "
2x 15m x 1.0 m x 0.10m					0.30 m ²
					18.60 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
②/6 Construction of embankment					
→ d. borrow pits → d. load					
upto 1000 M → d. cut					

Approximate Calculation

Sta	Chain in	Fill area in M ²	Mean Area in M ²	Length in M	Volume in M ³
1	0.0	0.704	0.777		
2	50	0.837	0.771	50	38.525 M ³
3	100	5.807	3.322	50	166.100 "
4	150	1.798	3.803	50	190.125 "
5	200	4.803	3.301	50	165.025 "
6	250	3.968	4.386	50	219.275 "
7	300	6.892	5.430	50	271.500 "
8	320	4.570	5.931	20	118.620 "
					1169.17 M ³

Deduction for Cont.

① G.S.B g/L -	82.91 M ³
② W.B.M. g/L -	93.23 M ³
③ P.C.C -	105.97 M ³
④ Subgrade ①	18.20 M ³
①①	44.92 M ³
	345.63 M ³

Net Q.W. g/L =	1169.17 M ³
↳	345.63 M ³
	823.54 M ³

20/12/21
GB

20/12/21
A208

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
<u>Measurement</u>					
1/11 Laying and fixing of prec M ₁₅ grade Kilometer Stone ordinary Kilometer Stone - 2					
1/12 Laying and fixing of 200m Stone - d. 24"					
		1x1			1 No
3 Laying and fixing of - of M.M. G.S.I Informetry Sign Board - d. 1/2 go d. 24"					
		1x2			2 Nos
Laying and fixing of d. Contingency, - d. Informetry Sign - d. d. 24"					
14 600mm x 600mm Triangle - 1x2x2.2m					
15 800mm x 600mm rectangular board d.					
		1x2			2 Nos
17 600mm x 450mm rectangular board - 2 Nos					
18 900mm Side octagonal sign - d. 2 Nos					
19 Laying and fixing of 30mm dia pillar 2x2x2.5m = 20m					
20 Laying and laying of hot asphalt - d. Road Marking on free surface - d. d. 24"					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
2x 3x30m x 0.10m =					18.00m ²
2x 5x30m x 0.10 =					30.00 "
2x 1x10m x 0.10 =					20.00 "
2x 2x 5.5m x 0.10 =					1.00 "
4x 1.0 x 0.10 =					0.10
					52.00m ²

Dhuri

4/1/22

J. 2

ON 01.22

AB

Abstract of FC 82

① Fencing and filling of

B.M. Lihm - d - 24 I

Qty vide T.M.B Rs (14)

= 1 No @ 3925 = 607 Rs. 3925 =

② Fencing and filling of

Refuse - Lihm - d - 24 I

Qty vide T.M.B Rs (14) = 1 No

@ 1780 = 47/ No. 1780 =

③ clearing and grubbing

Reed Land - d - 24 I

Qty vide T.M.B Rs (14)

= 0.23 ha ha

@ 51133 = 76/ ha ha Rs. 11761 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
④ Excavation for road way in soil - d- 24 I Qty in T.M.B. No ⑦ = 11.25 m ³ @ 74 = 16/m ³ - R 834 = 0					
⑤ Construction embankment - d- deposited at Site - d- d- 24 I Qty in T.M.B. No ⑧ = 6.75 m ³ @ 26 = 11/m ³ - R 176 = 0					
⑤ Construction embankment - d- bottom pit - d- lined up to 100m - d- Qty in T.M.B. No ⑮ = 823.45 m ³ @ 174 = 94/m ³ - B 144054 = 0					
⑥ Construction Sub-grum and earthen structure - d- bottom pit - d- Lined - 1000 m - d- 24 I Qty in T.M.B. No ⑭ = 18.60 m ³ @ 17.6 = 58 m ³ - R 3284 = 0 B 21760 = 0					

Continuation

Sch. XLV-Form NO. 134					
Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
⑦ Construction of Sub-grade and earthwork shot/allow - d - form borrow pit - d - Levy - 1000m - d - 1000					
Qty vide T.M.B Pg (13) = 44.52 M ³					
@ 141 = 17/ M ³ - B - 6285 = 0					
⑧ Construction of granular sub base - d - G.S.B. 1 - d - - d - 1000					
Qty vide T.M.B Pg No (2) = 82.9 M ³					
@ 24.40 = 46/ M ³ - B - 202386 = 0					
⑨ Provisioning Spreading and Compaction of W.B.M. 100 - d - d - 1000					
Qty vide T.M.B Pg No (12) = 93.23 M ³					
@ 3528 = 03/ M ³ - B - 328918 = 0					
⑩ Const of Panel Cust Concrete, Plain Comp Concrete slabs - d - d - 1000					
Qty vide T.M.B Pg No (14) = 105.97 M ³					
@ 6663 = 15/ M ³ - B - 706730 = 0					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(11) Ironing and fixing of R-40 M-10-gard Kilmachin Stone - d- CUI					
Qty nide T.M.B. No (16)					
= 2 Nos					
@ 2031 = 92/Each R-40 63 = ∞					
(12) Ironing and fixing of 200 m Stone (rockets)					
Qty nide T.M.B. No (16)					
= 1 No					
@ 560 = 02/Each R- 560 = ∞					
(13) Ironing and fixing of typical M.M.G. S.I. Informing Sign Board - d- CUI					
Qty nide T.M.B. No (16) = 2 Nos					
" " " (16) 2 Nos					
4.000					
@ 9258 = 24/Each R- 37033 = ∞					
(14) Ironing and fixing of recto - d- Informing Sign Board - d- CUI					
Qty nide					
(14) 600 mm square Tangle					
Qty nide T.M.B. No (16)					
= 2 Nos					
@ 3684 = 40/Each R- 7369 = ∞					
(15) 800 mm x 600 mm rectangular - d- CUI					

Continuation

