

Agency - Satish K. Singh (Dikri)

Parigawa. Duhida-

K. P. M. S. S. S.

Schichte XLV—Foss. No. 134.

100

BILHAR P. W. D.

~~U.R.V.D. Women's Flungabed~~ **OVERDO**

McC. Kuttanur
SUB-DIVISION

WEAVER BOOK NY-2851

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

Yashwanth
10/7/20
Executive Engineer
Rural Works Division, mt
Works Division, Aurangabad
10/7/20

Schedule KLV - Form No. 134.

E.E. - ~~Abad~~ ...

A.E. - Kutumba ...

MEASUREMENT BOOK.

511446

(2852)

Sri Babun Ram A.E. Kutumba

Date of this entry

Date of this entry

निम्न कागजित केन, पत्र ।

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
<u>2nd in MC Q. 11</u>					
Name of Work	Construct of Road from Periyar to Buthur Benthada				
	Road Head M. M. G. S. 14				
Agency	Sathis Kumar Singh At New Anna Dehri on 3000				
Agreement No	25 S.B.D/2020-21				
Date of Work Start	30/7/2020				
Date of Completion	29/1/2021				
Rate	10% below from B.O. Q. 14 Measurements				
①/4 E/W in Const of embankment					
→ d borrow pits → d					
Lead upto 100m → d 10%					

Updated Method

Qty as per Calculation

S.N	Chg	Distance in M ²	Mean Area in M ²	Length in M	Volume in M ³
1	0	2.778			
2	50	3.59	3.182	50	159.08 m ³
3	100	6.29	4.939	50	246.93 "
4	150	6.434	6.363	50	318.15 "
5	200	2.403	4.419	50	220.93 "
6	250	5.985	4.194	50	209.70 "
7	300	2.47	4.228	50	211.38 "
8	350	5.414	3.942	50	197.10 "
9	400	3.125	4.270	50	213.48 "
10	450	5.963	4.544	50	227.20 "
11	500	5.863	5.913	50	295.65
12	550	5.358	5.611	50	280.53
13	600	5.491	5.425	50	271.23

Continuation

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S. No.	Particulars	Details of actual measurement				Contents of area
		No.	L	B	D	
	Change in m ²	Fill in m ²	Mean in m ²	Length in m		Volume in m ³
			B. F. at g -			
14	650	5.988	5.740	50		286.98 m ³
15	700	6.098	6.043	50		302.15
16	750	5.722	5.910	50		295.50
				Total		3730.95 m ³
	Deduct -					3012.81 m ³
	① G.S. Bgt -	619.65 m ³				718.14 m ³
	② W.B.Mgt -	215.16 m ³				
	③ Sub. gnd -	1538.00 m ³				
	④ Earth on shoulder -	648.00 m ³				
		3012.81 m ³				

②/6 Const of Subgroud

- d ad earth on shoulder

- d Lead up to 100 m

up to 100 m

$$25 \times 30 \times \frac{68+7.60}{2} \times 0.30 = 1620.00 \text{ m}^3$$

③/7 Const of groud

Sub-base - d G.S. Bgt - d

up to 100 m

$$5 \times 30 \times 4.05 \times 0.20 = 121.10 \text{ m}^3$$

$$1 \times 15 \times \frac{4.20+6.0}{2} \times 0.20 = 15.30 \text{ m}^3$$

$$1 \times 15 \times \frac{6+4.50}{2} \times 0.20 = 15.75 \text{ m}^3$$

$$10 \times 30 \times 4.05 \times 0.20 = 243.00 \text{ m}^3$$

$$1 \times 30 \times \frac{5+4.10}{2} \times 0.20 = 27.30 \text{ m}^3$$

Continuation

$$422.45 \text{ m}^3$$

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
			B.P. at g =		422.45 m ³
		4 x 30 m x	4.05 m x 0.20 m =		97.20 "
		1 x 30 m x	5 + 4.2 m x 0.20 m =		27.60 "
		3 x 30 m x	4.05 m x 0.20 m =		72.90 "
					620.15 m ³
			2 det.		619.65 m ³

⑧ Laying Laying, Spreading					
and Compacting - d - d					
W.B.M. 903 - d - B I					
4th det. measurement					
		5 x 30 m x	3.75 m (av) =		562.50 m ²
		1 x 15 m x	3.80 + 5.50 =		69.75 m ²
		1 x 15 m x	5.50 + 4.10 =		72.00 m ²
			2		

		10 x 30 m x	3.75 m (av) =		1125.00 m ²
		1 x 30 m x	4.70 + 3.80 =		127.50 "
		4 x 30 m x	3.75 m (av) =		450.00 "
		1 x 30 m x	4.60 + 3.80 =		126.00 "
		3 x 30 m x	3.75 m (av) =		337.50 m ²
					2870.25 m ²

		(E) 2nd det.	2868.75 m ²		
		Volume =	2870.25 m ² x 0.75 m (av) =		215.26 m ³

① Laying and applying bitumen					
Coated with bitumen emulsion (S.S.)					
- d o - d - B I					
		Qty as same as No. ⑤ (E) =	2868.75 m ²		

		② Laying and filling Redwood Piths	(P) = 103 = 3 Nos		
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2811.44
5.2

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
	Measurement				
(11) Shoring and shoring					
Take cut-off (R.S.) Ends					
— do — do —					
Qty of M.B. (R.S.)					
Unit (S) (P)					2868.75 m ²
(12) Shoring, laying					
and rolling of do					
from in Shoring material					
of 20 mm thick do					
Qty as same as Unit (P) for (12)					
Unit No - (11)					2868.75 m ²
(13) Shoring and fixing					
Reinforcement concrete					
M.B. and Km stone do					
Ordinary Kilometer Stone					2 No
(14) Shoring and fixing 200 m					
Stone (for cast) — do —					
1 x 3 = 3 No					
(15) Shoring and fixing of					
typical m.m. G.S. Information					
Sign Board with Logo					
— do — do —					
1 x 2 = 2 No					
(16) Shoring M.B. Lath and					
figure — do — do —					
5 x 44.00 = 220.00					
(17) Shoring R.C. M.B. and					
Boundary Pillar Good Last					
— do — do —					38 No

Continuation

Continuation

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- $$\textcircled{a} 51133 = 761 \text{ Hoch } R - 27101 = 0$$

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
④ Const. of embankment - d - from borrow pits - d - lead 150M					
Qty in d T.M.B. Reg. ⑩					
= 718.14 m ³					
@ 131 = 0.3/m ³ - R -					94098 = 0
⑤ Const. of Sub grade and cross shoulder					
- d - lead 1000 m - d					
Qty in d T.M.B. Reg. ⑬					
= 648.13 m ³					
@ 176 = 58/m ² - R -					1.14,447 = 0
⑥ Const. of Sub grade and cross shoulder					
- d - borrow pits - d					
- d - lead upto 100M					
Qty in d T.M.B. Reg. ⑬					
thru ⑤ A = 1530 m ³					
@ 141 = 17/m ³ - R -					215990 = 0
⑦ Const. of Gorsement					
Sub-base - d - S.S.					
G.S.B. 1/2 - d - M.S.					
Qty in d T.M.B. Reg. ⑪					
= 619.65 m ³					
@ 2585 = 61/m ³ - R -					1602173 = 0
⑧ Laying laying bonding and compaction of - d					
W.B. M.S. 3 - d - 121 I					
Qty in d T.M.B. Reg. ⑪					215.16 m ³
@ 3645 = 70/m ³ - R -					795166 = 0

Continuation

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(10) Finishing N.W. lath and finish - d- 14 I					
Qty m ² T.M.B.R. (12) 250.00					
@ 0 = 52/64/44 lath R- 114 = ∞					
(15) Finishing and finishing of Boundary Pillar/Quarry Rd					
Qty m ² T.M.B.R. (12) = 3.8 M ²					
@ 469210 / M ² R- 17826 = ∞					
(20) Finishing and finishing of road - d- 14 I					
- d- Informal road - d- 14 I					
T.M.B.R. 600 mm equal to angle side = 6 M ²					
@ 3695 = 74/each R- 22174 = ∞					
Qty m ² T.M.B.R. No (12)					
(21) 600 mm Circular - d- Band					
2 M ² @ 4967 = 65/each R- 9935 = ∞					
(22) 800 mm x 600 mm rectangular					
4 M ² @ 6940 = 63/each R- 27762 = ∞					
(23) Finishing 600 mm x 450 mm - d-					
2 M ² @ 4837 = 46/each R- 9674 = ∞					
(24) 900 mm Side Octagonal					
2 M ² @ 8863 = 52/each R- 17727 = ∞					
(25) Finishing and laying of hot effluent thermoplastic Compound - d- 14 I					
Qty m ² T.M.B.R. (13) = 1.50 M ²					
@ 735 = 44/M ² R- 110316 = ∞					
(26) Plating of the roof road - d- 14 I					
Qty m ² T.M.B.R. (13) = 74 M ²					
@ 815 = 26/each R- 61144 = ∞					

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(27) Land and laying of - d-Race-ripe of 300 mds - d- by 145					
Qty of T.M.B.R. (B) 20 m					
@ 855 = 39/M - R					17907 = 0
Cont of H.P. Subst. boundary					
(28) L.W. in exo contents in field - d- d- 145					
Qty of T.M.B.R. (B) 78.30 m ²					
@ 269 = 32/M ² - R					21088 = 0
(29) Land and laying (12.25) d- d- 145					
Cont. in field - d- 145					
Qty of T.M.B.R. (B)					
= 14.25					
@ 4927 = 17/M ² - R					70212 = 0
(30) Land and laying For Subst. - d- 145					
Qty of T.M.B.R. (B) 76.61 m ²					
@ 75.85 MP @ 512 = 36/M ² R					433282 = 0
(31) Land and laying Race-ripe M.P. of 600 mds					
Qty of T.M.B.R. (B)					
= 37.50 m					
@ 1013 = 000 m - R					37987 = 0
(32) Land and laying on front of wall - d- 145					
Cont - d- d- 145					
Qty of T.M.B.R. (B) 62.40 m ²					
@ 97 = 13/M ² - R					6065 = 0
Continuation Total R. 4526556 = 0					

Matriksal Statement over all A

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