

Agency. Sumit Kr. Singh

Amba Nabimaga 91.7 Dakhba Uliabari

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XXXXXXXXXX

XXXXXXXXXX

DEBAR P.W.D.

E.E. R.W.D. Wom. Arranged at. Division

A.E. Kuthumba. S.D. Division

XXXXXXXXXX. DOCK.

No 128771

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

YK/10/7/20
Executive Engineer
Rural Works Department
Works Division, Aurangabad
10/7/20

Schedule XLY - Form No. 134.

E.E. A. Bad.

DIVISION.

A.E. Kutumba.

SUB-DIVISION.

MEASUREMENT BOOK

211603

2877

Signature of Engineer Shri Baban Ram A.E.

Kutumba.

Date of Form ...

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 measurements relating to each work)

Particulars	Details of actual measurement				Contents area
	No.	L.	B.	D.	
	1st on the Day				
Name of work -	Armba Nabimagan Road to Dadapoutrolwari under M.M. GS4 Hwa				
Agency -	Sumit Kumar Singh At-Dani Bigha, Arranged				
Agreement No -	22 SBD				2020-21
Agreement value Rs -	38 07 007				20
Start Work Date -	08 / 06 / 2020				
Start Completion -	07 / 03 / 2021				
Rate -	10-1. to 100 for B'D & Rate				

Measurement				
①/1 Laiding & Fixing of				
Working B.M. Pillars				
—	d	d	B.I	
1x 1 = 1 No				
②/2 Clearing road Gully				
road cleared — d B.I				
2x 20x30m x 3.50m =			4200.00m ²	
			140.00m ²	
			4340.00m ²	
			= 0.43 hectare	
Construction of concrete pillars				
③/29 Laiding of wire mesh				
for fencing of Street				
—	d	d	B.I	

Continuation

Particulars	Details of actual measurement				Contents of area
	Area	Length	Breadth	Depth	
H.W. 2x3.5m x 1.15m x 1.2m =	13.45 m ³				
Sub. 1x5.25m x 1.15m x 1.2m =	2.44 m ³				
	15.69 m ³				
②/30 Laiding P. in M. 15 m ³					
of (1:2:5) - 1.5 m ³					
H.W. 2x3.9m x 1.15m x 1.5m =	13.45 m ³				
Sub. 1x5.31m x 1.13m x 0.25m =	1.34 m ³				
	2.85 m ³				
③/31 Laiding R. in M. 15 m ³					
Concrete M. 20 in 8 m ³					
Stradling - d. R. 12					
H.W. 2x3.6m x 0.70m x 2.78m =	14.01 m ³				
Sub. 1x3.6m x 0.40m x 0.60m =	1.728 m ³				
	15.739 m ³				
Sub. for R. in					
2x0.7857m x 0.83m x 0.53m =	0.574 m ³				
	15.170 m ³				
④ Laiding and laying M. 15 m ³					
R. in 6 m ³ for					
Culvert - d. R. 12					
1x3x2.5m =	7.5 m ³				
⑤/28 Laiding and laying					
of a R. in 15 m ³ of					
30 m ³ in - d. d. R. 12					
2x2x2.5m =	10 m ³				
⑥/17 Laiding and laying of					
Typical M. 15 G.S. 4 8 m ³					
Round - d. R. 12					
1x2 =	2 m ³				
⑦ Constructing Sub. and - d-					
1x13x30m x 7.276m x 0.30m =	851.29 m ³				
1x1x10m x 7.276m x 0.30m =	21.83 m ³				
Lead 1000m - 450m x 611m ³	873.12 m ³				
Lead 1000m - 423+12 m ³					
261.94 m ³					
104.47					
	326.41 m ³				

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

(7) Construction of embankment
- d- borrow pit - d- [21]

① gradum 43, 45 Calculated check

S.N	Cha	Fill area in m ²	Mean Area in m ²	Length in m	Volum in m ³
1	0	0.131	0.431		
2	50	0.840	0.486	50	24.275 m ³
3	100	2.225	1.534	50	76.700 "
4	150	1.490	1.859	50	92.950 "
5	200	1.260	1.425	50	71.250 "
6	250	0.847	1.104	50	55.175 "
7	300	1.850	1.349	50	67.425 "
8	350	1.091	1.471	50	73.525 "
9	400	0.535	0.811	50	40.550 "
10	450	0.315	0.422	50	21.150 "

11	500	0.185	0.250	50	12.500 m ³
12	550	0.967	0.576	50	28.800 "
13	600	1.256	1.112	50	55.575 "
14	620	0.873	1.065	20	21.290 "
					Totally 641.165 m ³

Lead - 100 m = 352.64 m³

Lead - 1000 m = 288.53 m³

Dr.
18/02/21
J.E

Measurement

① friendly garden

Sub zone - d-

G.S.B grading - 1 - d-

- d- d- Bt

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
G.S.B. for B.T. Poles	1x	13x30m	4.05m	0.20m	315.90m ²
	1x	10x	4.05x	0.20m	8.10 "
	1x	5.0m	4.05m	0.20m	4.05m ²
G.M.C. Form	1x	7x30m	3.75x	0.10m	78.75 "
	1x	1x10m	3.75x	0.10m	3.75m ²
					410.55m ²

②/6.7. Construction of earthwork

S/s gulcher, Sub-grade

— d — d B.T.

Adj. part G.S.B. of B.T.	2x	13x30m	1.40m	0.20m	218.40m ²
	2x	4x15m	1.40x	0.20m	8.40m ²

G.S.B.M. Poles	2x	7x30m	0.375m	0.10m	15.75m ²
	2x	1x10m	0.375m	0.10m	7.50m ²
bed	1000m	366	41m		250.05m ²
bed	100m				

$$③ \quad 361.10m^2 + 145.58m^2 = 506.68m^2$$

WB.M. of 3 — d	1x	20x30m	3.75m	0.025m	168.75m ²
25/2/21 J.E					

18ft on A.C. Ball

Abstract of cost

① Smiley and Army Working

B.M. film — d — A.T.

Hydride T.M. B.M. ① = 1 No

$$② \quad 3939 = 84/\text{each} - R. \quad 3940 = \infty$$

③/3 clearing and Grubbing

Road Level — d — A.T.

Hydride T.M. B.M. ①

$$= 0.43 \text{ hect} \rightarrow$$

$$② \quad 51133 = 76/\text{hect} - R. \quad 21987 = \infty$$

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
④ Endless Construction of compound - d - Material obtained from Borrow pits - d - 1 Qty of T.M.B. R.N. ③					
Lead - 100 M -					
② 131 - 03/m ²					
⑤ Lead - 1000 M -					
② 174 - 94/m ² - R -					
⑥ Construction of compound Shoulder 92 Sub grade - d - d - 1 Qty of T.M.B. R.N. ③					
Lead 1000 M -					
Qty of T.M.B. R.N. ④					
= 366.41 M ³					
② 176 = 58/m ² - R -					
⑦ Construction of compound Shoulder 10 d - 1 Qty of T.M.B. R.N.					
= 506.68 M ³					
② 141 - 17/m ² - R -					
⑧ Construction of granular Sub base - d - G.S. 10 - d - d - 15					
Qty of T.M.B. R.N. ④					
= 410.55 M ³					
② 2528 = 13/m ² - R -					
⑧ Endless W.B.M. 12 - d - 15					
Qty of T.M.B. R.N. ④					
= 168.75 M ³ ② 3626 = 25/m ²					

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
⑨/17 Finishing and fixing # Typical M.M.G.S. 4 Interlocking sign Boards with logs as per — do — do — do — 25 Qty of T.M.B.R. No (2) = 2 Nos					
@ 92.63 = 40/each R-18527 = ∞					
⑩/29 2W in excavation for foundation of structure - do Qty of T.M.B.R. No (2) = 15.69 But 2nd - 15.66 m ² @ 269 = 32/m ² R- 4218 = ∞					
⑪/30 Finishing f. ce M ₁₅ — Mix of (1:2:5:5) in					
foundation — do — 25 Qty of T.M.B.R. No (2) = 2.85 m ² @ 4.85 = 64 R-13844 = ∞					
⑫/31 Finishing Plain Cement concrete in Sub-structure M ₂₀ — do — 25 Qty of T.M.B.R. No (2) = 15.17 m ² @ 5637 = 84/m ² R- 85526 = ∞					
⑬/32 Finishing and laying R. ce floor N ₁₃ of 60 m ² for column - do Qty of T.M.B.R. No (2) = 7.5 m					

Continuation

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

@ 1001 = 59/m - R. 75.12 = 0

(14)/28 Friday and Saturday
R. ce Pipe at 300 m

9 corals the road - do - B I

At night T.M. B.P. No (2)

= 10 m

@ 890 = 66/m - R. 8907 = 00

Tot R. 42 + 450 = 00

R. 2033380 = 00

At 44 laborers 1. 2 G.S.T 12.1 @ R. 184789 = 00

Tot R. 1606239 = 00

less 10% A.P. for Agromach @ R. 160624 = 00

Net R. 1445615 = 00

2000
25/02/21
J.E

R. 2074388.20

C.P. 1613119