

L024 Saidpur dholu to Nagergaon di'raer

Measurement Book

Schedule XLV-Form No. 134

DIVISION

SUB-DIVISION

R.W.D

Balua work

M.B. NO:

478

2020-21

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 of area
	No.	L.	B.	D.	
Name of Work - Construction of Road from					
M 24 (Sampulphala) to Nagaggaing					
Dipara under MMGSY					
Name of Agency - Smt. Kodha Devi					
Agreement No. - 03/5/12/1 MMGSY/SC/2020-21					
Date of Commencement - 29/04/2020					
Date of Completion - 28/04/2021					

Records entry

- ① P.V. & Fixing bench marks - 2 No.
1.225 Km
- ② clearing & grubbing of Road land
12.5 x 5.00 = 6375.0 m²
= 0.64 Hect.
- ③ Construction of embankment
Soil from excavated
materials - 18.12 m³
- ④ Excavation for Road Inter. in Soil
with Hydraulic excavator
- 21.88 m³
- ⑤ Construction of road embankment
with material obtained from
beneath P.V.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
24	1150	2.354	2.352	50	117.849
25	1200	2.537	2.446	50	122.292
26	1250	2.143	2.340	50	117.008
27	1275	1.749	1.946	25	48.643
Total E/M of 4 →					4592.240
Less Surrogate + 650 + 6710 + C.C.					4500.63
					32.06 m ³
40% →	12.82 m ³				
60% →	19.23 m ³				
Material @ 5000					\$ 102
					\$ 5122
Cost -	573.28 x 2.38 →				1364.20

Abstract of Cost

(1) Bench Mark

amp - 1/20 - 1.275 Km

Cost @ 14902 = 991 Km → 19001.200

(2) clearing & grubbing

amp - 2/30 - 0.638 Hect

Cost @ 51133 = 25 / Hect → 32623

(3) Embankment

amp - 3/20 - 13.13 m³Cost @ 48265/m³ → 639200

(4) Excavation of Road

amp - 4/20 - 21.275 m³Cost @ 74261/m³ → 1622200

(5) Cost of embankment

amp 4/30 40% 2.75 m³Cost @ 48265/m³ → 1356200

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Ans. 11.63 m ²					
Cost @ Rs 150 = 39/m ²					1749.00
(6) Cost of concrete Slab					
Ans - 9/11 - 2571.19					
Ans - 9/15 - 573.28					
3144.47 m ²					
Cost @ Rs 175 = 58/m ²					555250.00
(7) F.W in excavation					
Ans - 7/31 - 183.99 m ³					
Cost @ Rs 269.32					49553.00
(8) primary Cement					
Ans - 8/31 - 1.235 m ³					
Cost @ Rs 136.276/m ³					237.00
(9) pcc m/s					
Ans - 9/31 - 22.812					
Cost @ Rs 4437.05					105655.00
(10) pcc m/20					
Ans - 10/31 - 104.007 m ³					
Cost @ Rs 4942.06/m ³					54496.00
(11) pcc m/20					
Ans - 11/31 - 52.082					
Cost @ Rs 5300.02					27608.00
(12) R.C.C m/20					
Ans - 12/31 - 7.276					
Cost @ Rs 5300.02					41293.00
(13) rendering painting					
Ans - 13/31 - 27.800					
Cost @ Rs 12795/m ²					354500

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
14) R.R. M.S.					
Ans - 14/31 - 6.49 m ²					
Cost @ 6246.53					40540.00
15) Hydro Gas					
Ans - 15/32 - 1.004 m ²					
Cost @ 46923.22/m ²					47162.00
16) Putting jointer piping					
Ans - 16/32 - 30 R.R.					
Cost @ 37202/R.R.					1111.00
17) per m ²					
Ans - 17/32 - 7.200 m ²					
Cost @ 5300.02/m ²					38160.00
18) painting two coat					
Ans - 18/32 - 490.92 m ²					
Cost 97.19/m ²					4852.00
19) weep Hole					
Ans - 19/32 - 56 NO					
Cost @ 110.22/NO					6175.00
20) 14/31 M					
Ans - 20/32 - 902.69 m ²					
Cost @ 21432.69/m ²					19350.88
21) 14/31 M					
Ans - 21/32 - 345.17					
Cost @ 2745.49/m ²					9369.61
22) Ce. parun					
Ans - 22/32 - 168.76					
Cost @ 6014.24					10121.63

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
24) Hand Shading					
Ans - $\frac{29}{32}$ - 229 m^2					
Cost @ Rs $472.00/\text{m}^2$					$\rightarrow 129331.00$
25) Land Milling					
Ans - $\frac{28}{32}$ - 6.340					
Cost @ Rs 136.25					$\rightarrow 46200$
26) PCC M/S					
Ans - 0.68 m^2					
Cost @ Rs 4432.05					$\rightarrow 3017.00$
27) PCC M 20					
Ans - $\frac{27}{32}$ - 1.350					
Cost @ Rs 4942.25					$\rightarrow 6673.00$
28) RCC M 20					
Ans - $\frac{28}{32}$ - 0.680					
Cost @ Rs $5301.02/\text{m}^2$					$\rightarrow 3604.00$
29) Hydr. bed					
Ans - $\frac{29}{32}$ - 0.02 m^2					
Cost @ Rs 46973.24					$\rightarrow 3288.00$
30) Prime Coat					
Ans - $\frac{30}{32}$ - 3808.75					
Cost @ Rs $44.29/\text{m}^2$					$\rightarrow 16670.00$
31) Thick Coat					
Ans - $\frac{31}{32}$ - 3808.75					
Cost @ Rs 12.95					$\rightarrow 49323.00$
32) Mass					
Ans - $\frac{32}{32}$ - 3808.75					
Cost @ Rs $197.51/\text{m}^2$					$\rightarrow 5752266.00$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
32) <u>providing 12m</u> <u>sup 02/34</u>					
1) 12m strip			— 2		
Cost @ 49 1949.11					→ 33898.00
12) 200m			— 5 116		
Cost @ 49 546.71					→ 42834.00
32) <u>Timbering 8m</u> <u>sup 02/34</u>					
1) 600 			— 4 110		
Cost @ 49 3316.00					→ 13240.00
11) 600 					
Cost @ 49 4544.87					→ 18179.00
11) 900x600 			— 2 115		
Cost @ 49 6460.38					→ 12921.00
14) 600x450 			— 8		
Cost 4418.47					→ 35348.00
11) 900 			— 2 116		
Cost @ 49 8327.27					→ 16255.00
32) <u>Road marking</u> <u>sup - 02/35 - 205</u>					
Cost @ 49 735.44					→ 187537.00
32) <u>Runway strip</u> <u>sup - 1/35 - 2 116</u>					
Cost @ 49 8723.50					→ 12447.00 → 12447.00
32) <u>planting</u> <u>sup - 1/35 - 100 110</u>					
Cost @ 49 818.84					→ 81884.00

Continuation

