

Army - Rakesh Kr. Singh

Memorandum - 17.11.14.54

Schedule XIV - Form No. 1345

100 100 100 100

BHAR P. W. D.

E.C. R. W. D. - Bangalore

DIVISION

A.E. Nagaraj

SUB-DIVISION

MEASUREMENT BOOK

110/2682

Certified That This M.B. Contain
By Printers Machine And issued
To Sri...Dinesh B. Singh.....A.E- R.W.D
Work Sub-Div.....Nabinagar.....

[Signature]
Executive Engineer
Rural Works Department
Works Division, Aurangabad
10/7/20

Schedule KLV - Form No. 134.

E.E. R.W.D. Aurang. DIVISION.

A.E. Nabinagar SUB-DIVISION.

MEASUREMENT BOOK.

2682
231230

Sri Dinesh B. Singh. A.E. Nabinagar.

Date of the entry

Page of the entry

निष्ठा. सर्वोदय हेतु. तय ।

(These four lines should be repeated at the completion of the measurements relating to each work

Agency:-	Rajesh Kumar Singh		
	Ranahappa Complex Karma		
	Read Aurgangsal.		
Agreement NO:-	31SPD 2020-21		
Agreement Value (Rs.)	53,71,176/-		
Date of Start:-	8.6.2020		
Date of Completion:-	7.3.21		

MEASUREMENT	
①	Setting out Piller
	Provide 1 line of work + benchmark
	= 1 no
①①	Provide 1 line for concrete pillar
	= 3 no
②	Clearing & Grubbing of soil
	2m x 27m x 3m x 3.50m = 5670 m ³
	= 0.57 Hec.
③	Excavation of soil
	2m x 6m x 3m x 0.375m x 0.4m = 11.25 m ³
④	Construction of benchmark
	6.25 m x 0.6m x 0.6m
	11.25 m ³ x 0.60 = 6.75 m ³

10. 2

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

⑤ Construction of embankment
with material obtained
from borrow pit

$$2110 \times 2000 \times 3000 \times 0.75 \text{ m} = 900 \text{ m}^3$$

$$\text{for } 100 \text{ m length} = 404.42 \text{ m}^3$$

⑥ Construction of embankment
with material obtained from
borrow pits

$$\text{for } 1000 \text{ m length} = 409.94 \text{ m}^3$$

⑦ Construction of Subgrade
and Earthen Shoulder

$$2000 \times 3000 \times 7.000 \times 0.30 \text{ m} = 12600 \text{ m}^3$$

⑧ Gravel Subgrade with
well graded material

$$2000 \times 3000 \times 4.05 \text{ m} \times 0.20 \text{ m} = 486 \text{ m}^3$$

Gravel subgrade

$$5 \text{ m} \times 3000 \times 0.75 \text{ m} \times 0.10 \text{ m} = 11.25 \text{ m}^3$$

$$8 \text{ m} \times 0.75 \text{ m} \times 0.10 \text{ m} = 0.60 \text{ m}^3$$

$$3000 \times 4.05 \text{ m} \times 0.10 \text{ m} = 1215 \text{ m}^3$$

$$10 \text{ m} \times 4.05 \text{ m} \times 0.10 \text{ m} = 4.05 \text{ m}^3$$

$$538.35 \text{ m}^3$$

⑨ Provide 10% 8% and 6%
& Compaction screen
work

$$2000 \times 3000 \times 3.75 \text{ m} \times 0.075 \text{ m} = 16875 \text{ m}^3$$

$$1000 \times 3000 \times 3.75 \text{ m} \times 0.075 \text{ m} = 844 \text{ m}^3$$

$$177.19 \text{ m}^3$$

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(10) Perimeter of concrete con. reinforced Main Canal Concrete Perimeter					
1 m x 30 m x 3.75 m x 0.16 m = 18.00 m ³					
1 m x 30 m x 3.75 m x 0.16 m = 18.00 m ³					
1 m x 30 m x $3.60 + 3.75$ x 0.16 m = 17.64 m ³					
1 m x 30 m x 3.75 m x 0.16 m = 18.00 m ³					
1 m x 30 m x 3.70 m x 0.16 m = 17.76 m ³					
1 m x 30 m x 3.65 m x 0.16 m = 17.52 m ³					
1 m x 30 m x 3.65 m x 0.16 m = 5.84 m ³					
					112.7643

(11) Perimeter of area of
of project = 2 m x

SE

Abstract of cost

(1) Selfy self benching work
1 m x 30 m x 3.6 m x 0.16 m
Cyl 3947.55 m³ - 3948 m³

(2) Selfy self reference pillar
3 m x 30 m x 3.6 m x 0.16 m
Cyl 1793.36 m³ - 5380 m³

(3) Clearing brushy area
0.50 m x 30 m x 3.6 m x 0.16 m
Cyl 49496.70 m³ - 28065 m³

(4) Excavation of soil
11.25 m x 30 m x 3.6 m x 0.16 m
Cyl 74.18 m³ - 834 m³
38,227 m³

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

MP 38,227=0

④ Construction embankment

Cost material obtained from bank

6.75 m³ fly ash 26 m (8/40)

26.05 m³ - 176=0

⑤ Construction embankment

Cost material obtained from bank

6.06.42 m³ fly ash 16 m (8/40)

130.86 m³ - 52922=0

⑥ Construction embankment

Cost material obtained from bank

6.09.94 m³ fly ash 16 m (8/40)

174.83 m³ - 71670=0

⑦ Construction sub grade

and earthen shoulder

126 m³ fly ash 26 m (8/40)

176.47 m³ - 222352=0

⑧ Granular sub base with

well graded material

514.05 m³ fly ash 26 m (8/40)

286.64 m³ - 1316297=0

⑨ Provide 17.5% spread

& compact 18% spread

177.19 m³ fly ash 26 m (8/40)

378.81 m³ - 670808=0

⑩ Construction of reinforced

RCC concrete pavement

112.76 m³ fly ash 26 m (8/40)

6367.75 m³ - 8718253=0

Continuation

30,90,705=0

5

Scanned with CamScanner