

Agency - Nimajla Deri

107 Bhakku School to Tetahiyu

~~Sub-Range No. 104~~

19.11.64

~~As per~~

MR. P. W. D.

E E R. W. D. Wing Commander Division

A. E. Deo

SID-DIVISION

WARRANTY. 1000.

116/2837

2833

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

Executive Engineer
Rural Works Department
Works Division, Aurangabad

10/7/20

Schedule XLV - Form No. 134.

E.E. A. bad.

DIVISION

A.E. Des

SUB-DIVISION

MEASUREMENT BOOK

[2837/2833]

211618

Name of owner

Shri Baban Nam A.E.

Des

Date of first entry

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

ment of the measurement					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
<u>1st ON A/C BILL</u>					
Name of Work: Const of Road					
from To: Bhatkar School					
to talaria (MMGSY)					
Agency: Smt Nirmala Devi					
Agreement NO:					
Date of Work start: —					
Date of Completion: —					
(As per Agreement)					

(1) Setting Out					
(a) Bench mark	—				1 NO
(b) Reference Pillars	—				3 NO
(2) Cleaning & Rubbing					
Road Band. . . etc -					
2x13x30Mx3.50M		= 2730.00M ²			
2x14x30Mx3.50M		= 2940.00M ²			
2x16Mx3.50M		= 120.00M ²			
		5790.00M ²			
		0.579 Hect			
		or 0.58 Hect			
(3) Providing & fixing ab					
Typical M.M.G.S.Y					
informatory Sign Board		— 4 NO			
With Logo		Continuation			

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(4) Dismantling of existing structure -					
(a) Cement concrete					
$4 \times 3.5 \times 1.04 \times 0.15$					$= 2.040 \text{ M}^3$
(b) Brick masonry (1:4)					
$4 \times 2 \times 4.2 \times 0.0925 \times 2.50$					$= 69.32 \text{ M}^3$
(c) Hume pipe (600 mm dia) $\rightarrow$					30.00 M
(5) E/W excavation for structure foundation.					
$4 \times 2 \times 3.90 \times 1.05 \times 1.50$					$= 53.82 \text{ M}^3$
$4 \times 1 \times 5.350 \times 1.030 \times 0.365$					$= 8.93 \text{ M}^3$
					62.64 M^3
(6) Providing RCC M15 in open foundation.					
$4 \times 2 \times 3.9 \times 1.05 \times 0.150$					$= 5.382 \text{ M}^3$
$4 \times 5.311 \times 1.03 \times 0.250$					$= 6.001 \text{ M}^3$
					11.383 M^3
					or 11.40 M^3
(7) Providing RCC M20 in sub structure - etc -					
$4 \times 2 \times 3.6 \times 0.70 \times 2.740$					$= 56.044 \text{ M}^3$
$4 \times 2 \times 3.6 \times 0.4 \times 0.60$					$= 6.912 \text{ M}^3$
less for pipe $4 \times 2 \times 0.75 \times 0.93 \times 1.53$					$= 12.294 \text{ M}^3$
					60.662 M^3
(8) Providing RCC M15/P3 R/W 600 mm dia					
$4 \times 3 \times 2.04$					$= 30.00 \text{ M}^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(9) Const of Embankment					
Qty. Viable aspect					
Graph					983.37 M ³
(a) For 1000 mm level					
Allowecl					
48.61% of 983.37 M ³					= 479.99 M ³
(b) For 1000 mm level					
Allowecl					
51.169% of 983.37 M ³					= 503.37 M ³
(10) Construction Sub grade					
20X30 M X 2.276 M X 0.3 M = 1309.68 M ³					
26 M X 20.276 M X 0.3 M = 56.75 M ³					
					1366.43 M ³
(11) Construction of granular					
Sub base - - etc - -					
(a) For Bit Position					
20X30 M X 4.050 M X 0.2 M = 507.06 M ³					
(b) PCC Position					
2X30 M X 0.275 M X 0.1 M = 2.25 M ³					
2X23 M X 0.305 M X 0.100 M = 1.725 M ³					
C. On Earthen Position					
4X30 M X 3.75 M X 0.100 M = 45.00 M ³					
1X27 M X 3.75 M X 0.100 M = 10.125 M ³					
					566.16 M ³
limited to					561.33 M ³
Praveen					
12.3.21					
J. Laloo					
Continuation					
12.3.21					
J. Laloo					

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

ABSTRACT OF COST(1) Setting Out

Qty vide T. B.M P1-1

(a) Bench mark

1 NO

@ Rs 3928.37/NO - Rs 3928=00

(b) Reference Pallets

3 NO

@ Rs 1779.24/NO - Rs 5338=00

(2) Cleaning & grubbing

0.55 Hect

@ Rs 51137.76/Hect - Rs 51134=00

(3) Providing & fixing logs

4 NO

@ Rs 9219.14/NO - Rs 36877=00

(4) Demolition ofExisting structure(a) Plain Cement Concrete2.40 M³@ Rs 484.74/M³ - Rs 1163=00(b) Brick Masonry69.32 M³@ Rs 231.77/M³ - Rs 16066=00(c) Hammered up to 600 mm deep

30.00 M

@ Rs 174.78/M - Rs 5243=00

Continuation

Rs 119749=00

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
		P/F			119749.00
(5) E/W Excavation : - - -					
62.64 M ³					
@ Rs 269.32/M ³ - - -					Rs 16870.00
(6) Providing PCC M15					
11.40 M ³					
@ Rs 4682.03/M ³ - - -					Rs 53375.00
(7) Providing PCC M20 on					
Sub structure - - -					
60.66 M ³					
@ Rs 5432.42/M ³ - - -					Rs 329531.00
(8) Providing & keeping					
Rec. No. D of bottom in dia					
30.00 M					
@ Rs 1001.67/M - - -					Rs 30050.00
(9) Const of Embankment					
(a) For 1000 m lead					
479.98 M ³					
@ Rs 174.94/M ³ - - -					Rs 83968.00
(b) For 100 m lead					
503.37 M ³					
@ Rs 131.03/M ³ - - -					Rs 65957.00
(10) Const of Sub grade					
1366.43 M ³					
@ Rs 176.58/M ³ - - -					Rs 241284.00
Continuation					Rs 940764.00

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