

Tetehiya Mahabata Mahavish bhang

Schedule XLV - Form No. 1343

MMHSY (Sc)

DEHAR P. W. D.

E.E. R.W.D. work - Ayrangabad. DIVISION

Assistant Engineer R.W.D. S.D. DIVISION

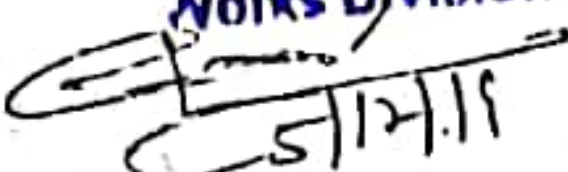
work Sub-Division - Bahun

MEASUREMENT BOOK.

2522

Agency - Subodh Vir.

Certified that this M.B. Contain-
ing (one hundred) Pages by Printers-
Machine and Issued to Shri Lal Bahadur
Pt. A.E. R.W.D. Work, Sub-Div. Banur.


5/12/19
Executive Engineer
Rural Works Department
Works Division, Aurangabad

5/12/19

Schedule XLV - Form No. 134.

E.E. Aurangabad DIVISION.

A.E. Banur SUB-DIVISION.

MEASUREMENT BOOK

2522

212237

Name of officer

Shri Lal Bahadur, Pt. A.E.

Banur.

mmusy

Sch. XLV-Form No. 134

26

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
3rd & A/c bill					
Name of work - Construction of Road from Teturiya Nahur To Mahavir Ganj (mmusy)					
Name of agency - Sibooth Kr.					
Agreement No - 5A SBD/2019-20					
Date of work start - 28.01.20					
Date of completion - 27.01.21					
Agreement Rate - 10% below as per B.O.G rate					
Date of measurement - 10.09.20					

4) C.C.P.

Construction of P.C.C

Ms grade of concrete

- 100 - All comp 2%

$$1 \text{ No} \times 30.0 \times \frac{(3.75 + 3.75)}{2} \times 0.160 = 18.0 \text{ m}^3$$

$$1 \text{ No} \times 30.0 \times \frac{(3.75 + 3.75)}{2} \times 0.160 = 18.0 \text{ m}^3$$

$$1 \text{ No} \times 30.0 \times \frac{(3.75 + 3.75)}{2} \times 0.160 = 18.0 \text{ m}^3$$

$$1 \text{ No} \times 30.0 \times \frac{(3.80 + 3.75)}{2} \times 0.160 = 18.12 \text{ m}^3$$

$$1 \text{ No} \times 30.0 \times \frac{(3.75 + 3.75)}{2} \times 0.160 = 18.0 \text{ m}^3$$

$$1 \text{ No} \times 30.0 \times \frac{(3.75 + 3.75)}{2} \times 0.160 = 18.0 \text{ m}^3$$

Continuation

$$\text{Qty} = 108.12 \text{ m}^3$$

$$BF - \phi + \gamma = 108.12 m^3$$

26

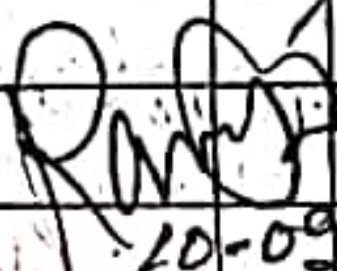
Sch. XLV-Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L	B	
1 No x 30.0 x (3.75 + 3.30) x 0.160 = 18.12 m ³				
1 No x 30.0 x (3.80 + 3.75) x 0.160 = 18.12 m ³				
1 No x 30.0 x (3.75 + 3.75) x 0.160 = 18.0 m ³				
1 No x 30.0 x (3.75 + 3.75) x 0.160 = 18.0 m ³				
1 No x 30.0 x (3.85 + 3.75) x 0.160 = 18.24 m ³				
1 No x 30.0 x (3.75 + 3.75) x 0.160 = 18.0 m ³				
1 No x 30.0 x (3.75 + 3.80) x 0.160 = 18.12 m ³				
1 No x 30.0 x (3.80 + 3.90) x 0.160 = 18.48 m ³				
1 No x 30.0 x (3.90 + 3.85) x 0.160 = 18.60 m ³				
1 No x 30.0 x (3.85 + 3.75) x 0.160 = 18.24 m ³				
1 No x 30.0 x (3.75 + 3.75) x 0.160 = 18.0 m ³				
1 No x 30.0 x (3.75 + 3.75) x 0.160 = 18.0 m ³				
1 No x 30.0 x (3.75 + 3.75) x 0.160 = 18.0 m ³				
1 No x 30.0 x (3.75 + 3.75) x 0.160 = 18.0 m ³				
1 No x 30.0 x (3.75 + 3.90) x 0.160 = 18.36 m ³				
for extra working				
1 No x 30.0 x (3.80 + 4.10) x 0.160 = 8.84 m ³				

Continuation

$$GO \phi + \gamma = 389.24 m^3$$

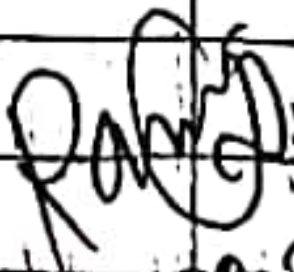
Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
ABSTRACT of COST					
					BF = qty = 389.29 m ³
Extra slope on Temple					
Side.					
					$5.10 \times \frac{(4.0 + 3.0)}{2} \times 0.100 = 2.856 \text{ m}^3$
					Total = 392.096 m ³
					Sup. limit qty = 391.68 m ³


 10-09-20
 J. S.

full total 20
 A.E.

MATERIALS STATEMENT.

- (1) Stone chips = 352.512 m³
- (2) Course Sand = 176.256 m³


 10-09-20
 J. S.

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

ABSTRACT OF COST

(1) Providing & fixing of
working bench mark

- - - - - All in

Qty wide TMS P-19 = 2.0 No

@ RS = 4162.41/each = 14 = 8325 = 00

(2) Providing & fixing of
working bench mark and

reference pillar - All

Qty wide TMS P-19 = 7.0 Nos

@ RS = 1891.02/each = 15 = 13237 = 00

(3) Clearing & grubbing

Road level - - - - - All

Qty wide TMS P-19 = 1.32 Hec

@ RS = 49739.47/Hec = 15 = 65656 = 00

(4) Dismantling of existing

Structure like P.C.C. All

Qty wide TMS P-19 = 1.20 m²

@ RS = 474.57/m³ = 15 = 569 = 00

(5) Dismantling of existing

Structure like Brick

Masonry - - - - - All

Qty wide TMS P-19

= 34.66 m³

@ RS = 228.40/m³ = 15 = 7916 = 00

10. RS = 957703 = 00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
BF = RS = 95703 = 00					
(6) Dismantling of existing structure like H.P.C up to 60mm ϕ - do - All					
Qty wide TMB P-20 = 15.0m					
@ RS = 169.37/m = RS = 2550 = 00					
(7) Providing & laying R.C.C pipe - 30mm ϕ - do - All Comp					
Qty wide TMB P-20 = 60.0m					
@ RS = 1022.31/m = RS = 61339 = 00					
(8) Earth work in excavation in foundation - do - All					
Qty wide TMB P-20					
@ RS = 285.71/m ³ = RS = 17894 = 00					
(9) Providing 175 R.C.C. (1:2:5) as leveling Comp - do - All					
Qty wide TMB P-20 = 11.40m ³					
@ RS = 5252.01/m ³ = RS = 59873 = 00					
Co-RS = 2,37,359 = 00					

Continuation

Sch. XLV-Form No. 154					Contents of area
Particulars	Details of actual measurement				
	No.	L	B	D	
		BF = BS = 2,37,353 = 00			
(10) Providing R.C.C. M20					
in Super. Structure					
All over					
Qty wide + m ³ P-21					
= 60.68 m ³					

$$\textcircled{11} \text{ BS} = 6214.64 / \text{m}^3 = \text{BS} = 377104 = 00$$

(11) Providing laying
R.C.C. M20 pipe up
to 600 mm of - - - - -
Qty wide + m³ P-21
= 30.0 m

$$\textcircled{12} \text{ BS} = 1197.95 / \text{m}^3 = \text{BS} = 359322 = 00$$

(12) Box cutting excavation
for Road way in side

- - - - - All over
Qty wide + m³ P-21
= 48.0 m³

$$\textcircled{13} \text{ BS} = 82.01 / \text{m}^3 = \text{BS} = 3936 = 00$$

(13) Construction of embank-
ment for 60% of Box
cutting - - - - - All

Qty wide + m³ P-12 = 28.80 m³

$$\textcircled{14} \text{ BS} = 27.98 / \text{m}^3 = \text{BS} = 806 = 00$$

$$\textcircled{15} \text{ BS} = 655,137 = 00$$

Sch. XLV-Form No. 10					Contents of area
Particulars	Details of actual measurement				
	No.	L	B	D	
BF = 18 = 655,137 = 00					

(14) Construction of
Subgrade & Earthen
Shoulder - 20 - 112 -
Qty wide TMBP-22
= 2184.0 m³

$$@ 18 = 189.60 / m^3 = 18 = 4,14,086 = 00$$

(15) Providing & Fixing
Typical masonry
- 20 - 112 -
Qty wide TMBP-22
= 4.0 m³

$$@ 18 = 99.69 \cdot 60 / \text{each} = 18 = 3,98,78 = 00$$

(16) Construction of embank-
ment with materials
Obtain from borrow
pits - (100 m lead)
Qty wide TMBP-22
= 1838.0 m³

$$@ 18 = 187.23 / m^3 = 18 = 3,44,129 = 00$$

(17) Construction of Embank-
ment with material for
borrow pits (100 m lead)
- 20 - 112 -
Qty wide TMBP-22 = 1800.81 m³

$$@ 18 = 132.54 / m^3 = 18 = 2,38,715 = 00$$

$$10 \cdot 18 = 16,91,945 = 00$$

Continuation

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

$$BF = PS = 1691.945 = \infty$$

(18) Construction of W.B.M

With well graded materials

- @ - All compact

$$\text{Qty vide mns P-23} = 978.445 \text{ m}^3$$

$$\text{@ RS} = 2271.81/\text{m}^3 \quad \text{RS} = 2222841 = \infty$$

(19) W.B.M cur-3

Providing laying

Spreading & Compacting

of W.B.M cur-3

- @ - All compact

$$\text{Qty vide mns P-23} = 441.78 \text{ m}^3$$

$$\text{@ RS} = 3658.78/\text{m}^3 \quad \text{RS} = 1616376 = \infty$$

~~Total RS =~~

(20) C.C.P.

Construction of P.C.C

W.B.M grade of concrete

- @ - All compact

$$\text{Qty vide mns P-27}$$

$$= 391.68 \text{ m}^3$$

$$\text{@ RS} = 6657.50/\text{m}^3 \quad \text{RS} = 2607610 = \infty$$

$$\text{Total RS} = 8138772 = \infty$$

$$10\% \text{ below as per B.O. of } = 813877 = \infty$$

Rate

$$= 7324895 = \infty$$

$$\text{less Previous paid RS} = 3870000 = \infty$$

$$\text{Net RS} = 3454895 = \infty$$

Ramp
10-09-20
J.E.

Continuation

C.P.
11/09/20