

Kamlesh K. Singh

Sarda Samaji R. & Co. Delhi & P. & C.

M. P. & S. J.

Schedule XIV - Form No. 11A;

for the year

2011-12

E. E. R. U. D. A. V. S. M. S. B. D. Division

A. E. K. U. T. M. B. A. S. D. Division

M. B. A. S. D. Division

2667

12

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

Executive Engineer
Rural Works Division, at
Works Division, Aurangabad

10/07/2022

Schedule XLV - Form No. 134.

E.C. R.W.D. Aurangabad DIVISION.

A.E. Kutumba DIVISION.

MEASUREMENT BOOK.

M.B. No. 21.1176 [2667]

Sri Baban Ram

A.E. Kutumba

दि. 10/07/2022

3rd on A.C. Bill

Name of work - Const of Road from Sarda
Dunji Road to Dargah
Under Head H.M.G.S.Y

Agency - Kamalash Kumar Singh
at Village Bagahi. P.O. Mahi
Aurangabad.

Agreement No - 78 S.B.D/2020-21

Agreement value - Rs - 51 50 556 = 00

Date of Work Start - 16/09/2020

Date of Completion - 15-09-2021

Rate - 27-1 below from B.O.R
Rate.

Measurement

① Fencing and Ironing

B.M. Poles - d - d - B.I

1x2 = 2 No

② Const of gravelled d -

Gravelled - d - B.I

up to 1st measurement

Sn B.T. Poles

1x31x30m x 4.1m x 0.2m = 762.60m³

1x25m x 4.1m x 0.2m = 20.75m³

783.35m³

③ Filling of sand and

and Carriage to B.M. 3rd B.I

up to 1st measurement

Sn B.T. Poles

1x31x30m x 3.80m (av) x 0.075m = 265.85m³

1x35m x 3.95m (av) x 0.075m = 8.55m³

1x1.30m x 3.75m x 0.075m = 0.36m³

273.96m³

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
⑧ Finishing - d - d -					
G.B. of I - d - 145					
on Pice Section					
4x 30m x 3.55m					106.50m ²
1x 18m x 5.25m					93.60m ²
1x 40.50m x 2.75m					116.87m ²
1x 30m x 3.80m					114.00m ²
				(E)	430.97m ²

$$\text{volume} = 430.97\text{m}^2 \times 0.10\text{m (w)} = 43.00\text{m}^3$$

⑨ Finishing laying & plastering
- d - W.B.M. of 3 - d - 145

$$\text{Area is same as item ⑧ (E)} = 430.97\text{m}^2$$

$$\text{So volume} = 430.97\text{m}^2 \times 0.075\text{m (w)} = 32.32\text{m}^3$$

⑩ Construction of - reinforced

Plinth and Concrete Formwork

M30 grade - d - 145

$$\text{Area is same as item ⑧ (E)} = 430.97\text{m}^2$$

$$\text{volume} = 430.97\text{m}^2 \times 0.160\text{m (w)} = 68.95\text{m}^3$$

⑪ Const of earthen & shell

- d - d - 145

$$2 \times 3 \times 30\text{m} \times 1.0\text{m (w)} \times 0.20\text{m (w)} = 36.00\text{m}^3$$

$$2 \times 1 \times 30\text{m} \times 1.40\text{m} \times 0.335\text{m (w)} = 28.14$$

$$2 \times 29 \times 30\text{m} \times 1.40\text{m} \times 0.20\text{m} = 487.20''$$

$$2 \times 3 \times 30\text{m} \times 0.50\text{m (w)} \times 0.075\text{m} = 6.75''$$

$$2 \times 29 \times 30\text{m} \times 1.20\text{m (w)} \times 0.075\text{m} = 5.22\text{m}^3$$

$$563.31\text{m}^3$$

⑫ Finishing and forming B.M.

$$\text{Pillars - d - 145 - } 1 \times 2 = 2 \text{ Nos}$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
① Finishing and applying 12 mm coat - do - - do - R.I.					
Qty as same as item No					
$1 \times 32 \times 30 \text{ m} \times 3.80 \text{ m (av)} =$					3648.00 m^2
$4 \times 1.30 \text{ m} \times 3.75 \text{ m} =$					4.875 m^2
				(A)	3652.875 m^2
②/34 Discontinuity existing Stitch - do - Cement concrete - = 0.60 m ²					
③/35 Discontinuity - do - Stitches do Brick masonry - do - R.I.					
= 17.33 m ²					
<u>Sum</u> 11/8/21 G.E.					

Masonry

① Finishing and applying 11 Tiles each with white emulsion (R.I.) - do - R.I.					
Qty as same as item ①(A)					
Units ①(A) = 3652.875 m ²					
③ Finishing laying and 12 coating of - do - Portland Cement Mortar - do - R.I.					
Qty as same as item ① = 3652.875 m ²					
③ Removal of old plaster of Plaster G.W. - do - R.I.					
up to 60 mm thick - 7.5 R.M.					
<u>Sum</u> 13/8/21 J.E.					

Continuation

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

Abstract of diff

① Bricklay and fixing of
- d. B.M. pillars - d. 145

Qty of T.M.B. Rs. No. (15)

= 2 Nos

@ 3922 = 92/each B. 7846 = 0

③ clung and Grubbing

Road Land - d. 1315

Qty of d. T.M.B. Rs. No. (16)

= 0.74 hect

@ 51133 = 76/hect Rs. 37839 = 0

④ Construction of embankment

- d. borrow pits - d. lead up to 100m - d. 145

Qty of d. T.M.B. Rs. No. (16)

= 948.388 m²

@ 131 = 03/m² - Rs. 1,24,267 = 0

⑤ Const of embankment

- d. borrow pits - d. 145

lead up to 100m

Qty of d. T.M.B. Rs. No. (14)

= 193.50 m²

@ 176 = 58/m² - Rs. 93270 = 0

⑥ Construction Subsoil

and other Shrubbery

- d. lead - 1000m - d. 145

Qty of d. T.M.B. Rs. No. (15)

= 563.31 m²

@ 176 = 58/m² - Rs. 99469 = 0

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
⑫ Finishing laymason walling at - d. Room Surfing Mohan of 20m thick - d. - 12.5					
Qty of T.M.B.R. (16)					
= 3652.825 m ²					
@ 207 = 26 m ² R. 757096 =					
⑬ Const of 4m reinf. this and concrete formwork 30 feet at - d. - 12.5					
Qty of T.M.B.R. (15)					
= 68.95 m ² R					
@ 6.95 = 80/m ² R. 427200 =					
⑰ Finishing and framing of hydraulic M.M.G.S.Y in forming sign panel - d. - 12.5					
Qty of T.M.B.R. (12)					
= 1 No					
@ 9273 = 78/m ² R. 9274 = 0					
⑲ C.W. in excavation for foundation - d. 4 ft					
Qty of T.M.B.R. (12)					
= 46.986 m ²					
@ 269 = 32/m ² R. 12653 = 0					
⑳ Finishing of 15 gms in foundation - d. -					
Qty of T.M.B.R. (12)					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
					= 8.54 m ²
					@ 4898 = 83/m ² R. 41885 =
(31) Drilling holes in concrete					
Concrete 120 gms in					
Sub. & talun - d-UI					
Qty in d-T.M.B R. 12					
					= 42.903 m ²
					@ 5690 = 64/m ² - R - 244746 =
(32) Drilling & churning					
R. 12 M 13 P 10 m					
600 m dia - d-UI					
Qty in d-T.M.B R. 12					
					= 22.50 m
					@ 981 = 61/m - R - 22086 =

(34) Drilling & churning					
Sub. Culvert - d-UI					
Qty in d-T.M.B R. 16					
					= 0.60 m ²
					@ 484 = 24/m ² - R - 291 =
(35) Drilling & churning					
- d-Brick Masonry - d-					
Qty in d-T.M.B R. 16					
					= 17.32 m ²
					@ 221 = 77/m ² - R. 4017 = 0
(36) Removal of all types of					
Hydro pipe, d-W-d-UI					
Qty in d-T.M.B R. 16					7.5 m
					@ 174 = 78/m - R. 13.11 =

Total R. 5239103 = 0
 Add item 1-1-2 Continuation R. 5548817 = 0
 + R. 721346 = 0
 Total R. 6270163 = 0
 GR. 1692944 = 0
 Net R. 4577219 = 0
 Less 27-1. Add item
 Ag amount

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