

Agency - Nirmala Devi

Comptroller to Indian Bhawan Varanasi

Schedule XIV - Form No. 13A

Section 13A

19.11.14 - SC

BIHAR P.W.D.

DIVISION

SUB-DIVISION

NO. 10/2560

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Babam Ram A. K. Kumbhar.

Oil
10/1/20
Executive Engineer
Rural Works Division, nt
Works Division, Aurangabad
10/1/20

Schedule XLV - Form No. 134.

_____ Division.

_____ Sub-division.

MEASUREMENT BOOK.

22560

222258

Date of first entry _____

Date of last entry _____

वि.प्र. म.मि.टि. ई.म. ग.प. १

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

Sthpn 11 = Nil

Name of Work - Const of Road from Sarai Bar

Road to Sarai Bar

Bhuiya Bigha Under

Hand M.M. G.S.V

Agency - Smt. Nirmala Dey

Agreement No - 04 S.D.D / 2020 21

Order Work start - 08/06/2020

Order Complete - 07/03/2021

Rate - 10% below for S.O.R. Rd.

measured

① Existing Constructed granum

10 S.D. Lane - d - G.S. Bigha

- do - do - d - RT

$$4 \times 8.0m \times 3.75m \times 0.10m = 3.00m^3$$

$$1 \times 12.0m \times 4.10m \times 0.20m = 9.84m^3$$

$$12.84m^3$$

② Existing Existing & Existing

11 a/cd construction work m/g 3

- do - do - RT

$$1 \times 8.0m \times 3.75m \times 0.075m = 2.25m^3$$

$$1 \times 12m \times 3.80m \times 0.02m = 3.42m^3$$

$$5.68m^3$$

③/15 Existing Const of

4m - reinforced Plots

a/cd concrete formwork

- do - do - RT

$$4 \times 8.0m \times 3.75m \times 0.16m = 4.80m^3$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
④/8 Construction Sub-grade					
and earthen shoulder					
- d - 100 m					
2700T					
Rate	2x17x30x0.40x0.20m				= 285.60 m ³
	2x1x12x1.40x0.20m				= 6.72 m ³
Pice Rate	2x10x30x0.40x0.10m				= 24.00 m ³
	2x9x8x0.40x0.10m				= 0.64 m ³
Pice Rate	2x17x30x1.20x0.075m				= 91.80 m ³
	2x1x12x1.20x0.075m				= 2.60 m ³
Pice Rate	2x10x30x0.40x0.075m				= 18.00 m ³
	2x9x8x0.40x0.075m				= 0.48 m ³
	2x10x30x0.40x0.16m				= 38.40 m ³
	2x1x8x0.40x0.16m				= 1.02 m ³
					469.26 m ³

⑤/6 Construction of embankment

- d - 100 m

Pice - d - 100 m

Height of embankment

S.N.	Height in m	Area in m ²	Length in m	Volume in m ³
0	0	2.148	2.25	
1	50	2.762	225.50	112.750 m ³
2	100	2.744	2.553	127.650 m ³
3	150	2.826	2.790	139.500 m ³
4	200	3.405	3.221	161.025 m ³
5	250	3.413	3.509	175.450 m ³
6	300	6.888	5.151	257.525 m ³
7	350	3.232	5.060	253.00 m ³
8	400	5.304	4.312	215.575 m ³
9	450	6.166	5.779	288.925 m ³
10	500	7.429	6.838	344.975 m ³

Continuation

S.N.	Particulars	Details of actual measurement			Contents of area
		No.	L	B	
	chug	5111 mm ²	4000 mm ²	4000 mm ²	Volume m ³
11	550	5.743	6.686	50	334.30 m ³
12	600	2.995	4.369	50	218.45
13	650	3.846	3.421	50	171.025
14	700	3.251	3.599	50	179.98
15	750	3.267	3.309	50	166.650
16	800	2.156	2.712	50	135.575 m ³
17	20	2.036	2.036	20	41.92 m ³
				Tot.	3322.56 m ³
	Land - 1000 m ²				
	① G.S. Bg. 1 - 457.44 m ³				
	② W. Bm - 3 - 211.00 m ³				
	③ Pcc Bm - 184.80 m ³				
	④ Subgrade and 1582.00 m ³				
	⑤ Subgrade 2435.26 m ³				
	Total CW Qty = 3322.56 m ³				
	Less Crust (2) 2435.24 m ³				
	Net CW filling Qty = 887.38 m ³				
	Less 1000 m ² = 644.29 m ³				
	Less 100 m ² = 243.00 m ³				
	① Land and Bm				
	- of M.W. G.S. 4 intermediate				
	Signed and with Logo -				
	- of - of 21				
	102 = 2 m ³				
	TST 3121				
	S.E.				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
<u>Measurement</u>					
10) Drinking and supplying					
Drinking Comp. with 2m ltr					
(S.S.) - d - C.I.					
1x 17x20m x 2.74m (W) = 1907.40m ²					
1x 12x12m x 3.25m (W) = 45.00m ²					
1952.40m ²					
Bathhouse 1950.75m ²					
(P)					
11) Drinking and supplying					
Drinking Comp. with 2m ltr					
(R.S.) - d - C.I.					
Qty of same as item No. (11) = 1950.75m ²					
Drinking supplying and					
supplying - d - from 2m ltr					
Measurment of 2m ltr - this - d -					
- d - d - C.I.					
Qty of same as item (12) = 1950.75m ²					
12) Drinking New Plotter					
and sign - d - C.I.					
3x44 = 132.00 ltr					
Drinking and supplying					
Boundary Plotter Ground					
- d - d - C.I.					
2x12 = 24 m ²					
Drinking and supplying of water					
- d - Informing sign					
- d - d - C.I.					
23) 600mm square Triangle					
1x6 = 6 m ²					
600mm Circular Sign					
1x4 = 4 m ²					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L	B	
(24) 300m 600m rectangular Sign				
		1x4 = 4 M		
(25) 600m 15m rectangular Sign				
		1x2 = 2 M		
(26) 900m 15m rectangular				
		1x2 = 2 M		
(27) Laiding 2.5m long				
Rice Mill Kilometer				
Shr - it with Paving - d				
Ordinary R.M. Path - 1x2 = 2 M				
(18) 200m Stone (for set)				
		1x4 = 4 M		
(1) Laiding 2.5m long				
B.M. Pillar - d - 3/2				
		1x1 = 1 M		
(2) Laiding 2.5m long				
Reference Pillar - d -				
		1x3 = 3 M		
(27) Laiding 2.5m long				
Ref. pillar - d -				
Road Marking on Bridge				
- d - d - 2.5				
Ordg - 2x 17x30x 0.10 = 102.00m ²				
2x 1x12x0.10 = 2.40m ²				
				104.40m ²
(28) Laiding 2.5m long Ref.				
pillar - d - Rice Mill				
Rice Mill - d - 5/5				
2x 17x30x 0.10 = 60.00m ²				
2x 1x8x 0.10 = 16.00m ²				
				76.00m ²

Continuation

[illegible]

Continuation

Sch. XLV-Form No. 13427

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Aty m ² m ² (18) = 28.12 m ²					
⑧ 74 = 16 m ² - R					208520
⑤ Const of rebar bent - d					
Molul d ₁ bent d ₂ bent - d					
← d - d ₁					
Aty m ² m ² R ₂ (18) = 16.87 m ²					
⑧ 26 = 11 m ² - R					440 = 0
⑥ Const of rebar bent - d					
Molul obtuse d ₁ bent					
d ₁ - 1 bent 1 m - d ₁					
Aty m ² m ² R ₂ (24)					
Lat - = 29.3.00 m ²					
⑧ 131 = 0.2 m ² - R					3184020
⑦ Const of rebar bent - d					
Molul - d ₁ bent d ₂ bent					
← d - d ₁ bent d ₂ bent - d - d ₂					
Aty m ² m ² R ₂ (24) = 64.29 m ²					
⑧ 174 = 94 m ² - R					11271200
③ Const of rebar bent - d					
(Sub g ₁) - d - d ₁					
Lat 44 d ₁ 100 m - d ₁					
Aty m ² m ² R ₂ (19) = 468.64 m ²					
⑧ 176 = 58 m ² - R					8275200
④ Const of sub-g ₁ and					
Const of sub-g ₁ and					
← d - d ₁ - 100 m - d ₁ - d ₁					
Aty m ² m ² R ₂ (19) = 644.60 m ²					
" " " (24) 469.26 m ²					
7441113.37 m ²					
⑧ 141 = 17 m ² - R					157174 = 0

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
① Const. of granular Sub. base					
- d. G.I. 1.87 - d. 1.25 I					
Qty of T.M.B. (1) = 44.60 m ³					
" " " (2) = 12.54 m ³					
② 27.14 = 95/m ³					1241927 =
① Laying - d. Compaction					
Qty of T.M.B. (1) = 205.32 m ³					
" " " (2) = 5.48 m ³					
2.11.00 m ³					
③ 38.51 = 98/m ³ - R. 8866812768 =					
① Laying from curb					
- d. d. - d. I					
Qty of T.M.B. (25) = 1950.75 m ³					
④ 45 = 15/m ³ - R. 8803720					
③ Laying and applying					
Tack coat - d. 1.25 I					
Qty of T.M.B. (25) = 1950.75 m ³					
⑤ 15 = 35/m ³ - R. 29944.20					
④ Laying of granular sub. base					
Qty of T.M.B. (25) = 1950.75 m ³					
⑥ 208 = 27/m ³ - R. 40628320					
⑤ Const. of concrete slab					
Qty of T.M.B. (16) = 180.00 m ³					
" " " (22) = 4.80 m ³					
⑦ 638 = 21/m ³ - R. 1180541 =					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(12) Boundary and drainage 11.5 gnd Kilometer East - do - do - do					
Along side T.M.B. (25) = 2.716					
@ 2098 = 55 paces R					419720
(13) Boundary 200 m Area Along side T.M.B. (26) = 4.0026					
@ 572 = 10 paces R					228820
(14) Boundary and drainage T.M.B. 11.11. G.B. - do Informing Sign Board with Logo - do - do B.I.					
Along side T.M.B. (27) = 2.0026					
" " " (28) = 2.0026					
@ 9320 = 24 paces R					3728120
(15) Boundary Hole between 2 figures - do - do B.I.					
Along side T.M.B. (29) = 132 holes					
@ 0 = 52 holes R					6920
(20) Boundary and drainage - do Boundary Pillar/Quadrant - do - do - do B.I.					
Along side T.M.B. (30) = 24 holes					
@ 472 = 63/2 paces R					1134320
(22) Boundary and drainage - do Informing Sign 600m square T.M.B. - do Along side T.M.B. (31) = 6026					
@ 3712 = 45/2 paces R					2229220
(23) Boundary 600 m Circular Sign Board - do - do B.I.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Qty of T.M.B.R. (25) = 4 Nos					
@ 4987 = 37 / each R.					19949 = 0
(24) Lining 800 mm 600 mm rectangular - d-Bound					
Qty of T.M.B.R. (24) = 4 Nos					
@ 6960 = 34 / each R.					27841 = 1
(25) 600 mm 450 mm rectangular Sign Board - d-CHI					
Qty of T.M.B.R. (25) = 2 Nos					
@ 4857 = 17 / each R.					9714 = 0
(26) Lining 900 mm 650 mm octagonal - d-CHI					
Qty of T.M.B.R. (26) = 2 Nos					
@ 8883 = 24 / each R.					17766 = 0
(27) Lining - d-Leaflet / d-CHI					
BT - d-Road Marking - d-CHI					
Qty of T.M.B.R. (27) = 104 m ²					
@ 730 = 44 / m ² - R.					76809 = 0
(28) Lining - d-Leaflet / d-CHI					
- d-Road Marking - d-CHI					
Qty of T.M.B.R. (28) = 61.60 m ²					
@ 821 = 29 / m ² - R.					50591 = 0
(29) Lining of form by the road side - d-CHI					
Qty of T.M.B.R. (29) = 50 Nos					
@ 815 = 26 / each R.					40763 = 0
(30) Lining Lining + w-coat on Road wall - d-CHI					
Qty of T.M.B.R. (30) = 37.44 m ²					
@ 975 = 19 / m ²					3639 = 0

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(30) Lining and laying of - d-Rice pipes of 30cm dia 9cm dia - d-BIT					
Hydrant M.R. (19) = 30m					
@ 9.56 = 0.414 - R.					27180 = 0
(31) Lining excavation for trench of structure - d-BIT					
Hydrant M.R. (18) = 16.98m					
@ 2.69 = 32/m - R.					12653 = 0
(32) Lining pipe M.S. pipe P.C.C. (1:2:5) at lining cut in trench d-BIT					
Hydrant M.R. (17) = 8.54m					
@ 5.09 = 62/m					43414 = 0
(33) Lining pipe M.S. pipe M.S. pipe structure - d-BIT					
Hydrant M.R. (15) = 45.49m					
@ 5.88 = 0.5/m - R.					267483 = 0
(34) Lining and laying P.C.C. L.P. M.S. structure for for H.P. Culvert - d-BIT					
Hydrant M.R. (13) = 22.50m					
@ 10.38 = 67/m - R.					23370 = 0
					Total R. 4883771 = 0
Add labor cost 1:2 G.S.T. 12% @ R.					634890 = 0
					Total R. 5518661 = 0
Less 10% A.S. Agreement @ R.					551866 = 0
					Net R. 4966795 = 0
Deduct Lining Laying net R.					3922457 = 0
					Net R. 1044298
Signature 11/6/21 J.C.					
Signature 11/6/21 N.C.					
Signature 11/6/21 C.S.P.					
Signature 11/6/21 N.C.					

Continuation