PMGSY NEW S.C M.B.NO - 3308

बनियापुर प्रखण्ड में T08 से भुमिहारा PMGSY से पश्चिम टोला तक

एकरारनामा- 40 SBD/20-21 Date-

Shedule XLV Form No. 134.

संवेदक- श्री राजभूषण सिंह

DIVISION

श्री साधो शरण प्रसाद यादव सहा० अभि०

SUB-DIVISION

बनियापुर

Measurement Book

M.B.NO- 3308

Name of Work–
Situation of Work–
Agency by which work is executed–
Date of Measurement–
No. and date of agreement

(These four lines should be repeated at the commencement of the measurement relating to each work)

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	1st on A/C Bill				
Name of work–					
	Constn of road from				
	TOR to Bhimibas				
	P.M.G.S.Y se paschim				
	tola TOR.				
	Agency – Raj Bhusan Singh.				
	Agt. No – 40 SBD/20-21				
	Agt. Value – 1079850/				
	Date of Start – 8-09-20				
	Completion dt – 07-09-21				
	P.C.C – 360 m				
	P.V.C – 1370 m				
1/1	Setting out pillar – EA				
1.730 Km					
2/2	Clearing and grubbing road land – EA				
Taken by Rakesh, Qty, A.B	2	20	25.0	2.0	= 2000 m
	2	20	25.0	2.0	= 2000 m
	2	20	25.0	2.0	= 2000 m
					T – 6000.00 m²

Continuation

P.T.O

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2x8x25.0 x 2.0				= 800.0
	2x1x30.0 x 2.0				= 120.0
				T =	6920.0
	6920.0 m² / 10,000				
	= 0.69 Hr				
3 / 3	Box-cutting excavation for road way - Ed				
In flexible length					
	2x20x25.0x.525x.100 = 5250				
	2x20x25.0x.525x.10 = 5250				
	2x12x25.0x.525x.10 = 3150				
				T =	13650 m³
					(A)
In rigid length					
	2x12x25.0x.375x.10 = 2250				
	2x2x30.0x.375x.10 = 450				
				T =	27.0 m³
					(B)
	Add A+B = 16350 m³				
4 / 8	Constn of GSB by d/r well graded materials - Ed				

Continuation

P.T.O

Scanned with CamScanner

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
In flexible length widening portion					
	2 × 20 × 25 × .525 × .10				= 5.250
	2 × 20 × 25 × .525 × .10				= 5.250
	2 × 12 × 25 × .525 × .10				= 3.150
				T	= 13.650 m³
				(A)	
In profile correction					
	4 × 25.00 × 3.00 × .10				= 30.00
	2 × 28.00 × 3.0 × .10				= 16.80
				T	= 46.80 m³
				(B)	
In earthen portion					
	2 × 25.00 × 4.050 × .20				= 40.50
	1 × 20.00 × 4.05 × .20				= 16.20
				T	= 56.70 m³
				(C)	
In full width					
	1 × 25.00 × (5.50 + 4.05)/2 × .10				= 11.937
	10 × 25.00 × 4.05 × .10				= 101.25
	1 × 25.00 × (5.15 + 4.05)/2 × .10				= 11.50
	10 × 25.00 × 4.05 × .10				= 101.25
	1 × 25.00 × (5.15 + 4.05)/2 × .10				= 11.50
	10 × 25.00 × 4.05 × .10				= 101.25
	1 × 25 × (5.15 + 4.05)/2 × .10				= 11.50
	10 × 25.00 × 4.05 × .10				= 101.2

Continuation

Sch. XLV-Form No. 134

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

7 × 25.0 × 4.05 × .10 = 70.87

1 × 25.0 × $\frac{5.5 + 4.05}{2}$ × .10 = 11.937

T = 534.249

Say to 533.70 m³

(d)

Add a + b + c + d = 773.70 (i)

In B.T. Operation in widening

2 × 12 × 25.0 × .375 × .10 = 22.50

2 × 2 × 30.0 × .375 × .10 = 4.50

T = 27.00 m³

(a)

In profile Correction

2 × 20.0 × 3.0 × .10 = 12.0

1 × 3.20 × 3.0 × .10 = .96

T = 12.96 m³

(b)

Curve 1 × 4.5 × $\frac{.60 + .60}{2}$ × .10 = .27 m³

(c)

Add a + b + c = 40.23 m³ (ii)

Add (i) + (ii) = 813.93 m³

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5)/9	W.B.M. G-III :-				
	P/R laying and				
	compacting E/d				
In flexible A —	1 × 25.0 × $\frac{5.50+3.75}{2}$ × .075 = 8.67				
C —	4 × 25.0 × $\frac{4.05+3.75}{2}$ × .075 = 29.25				
	48 × 25.0 × 3.75 × .075 = 337.50				
In 13/20 m. Bridge	1 × 20 × 3.75 × .075 = 5.625				
A —	1 × 25.0 × $\frac{5.50+3.75}{2}$ × .075 = 8.67				
				T = 389.716	
				(a)	
In P.C.C. portion					
	12 × 25.0 × 3.75 × .075 = 84.375 m3				
				(b)	
	Add a+b = 473.545 m3				
(6)/27	E/W in exc.				
	vation at				
	E/H				
H.W. —	2 × 3.90 × 1.15 × 1.50 = 13.455				
	1 × 5.31 × 1.13 × .365 = 2.207				
				T = 15.662 m3	
(7)/28	P/L M15 P.C.C.				
	(1:2:3) as				
	levelling course				

Continuation

P.T.O.

Sch. XLV-Form No. 134

Particulars	No.	L.	B.	D.	Contents of area
H.W–	2 ×	3.90 ×	1.15 ×	.15	= 1.345
	1 ×	5.311 ×	1.13 ×	.25	= 1.570
Loss for pipe	0.25 ×	.785 ×	7 × .830 ×	15.849	
					= (–) 0.791
					T = 2.054 m3
(8)/29	Plain cement				
	Conc to 5/5.				
				Ell	
H.W–	2 ×	3.60 ×	.70 ×	2.78	= 14.011
(8)/4/5	Const of				
	embankment				
				Ell	
	2 × 20 ×	25.0 ×	(.60 + .75)/2 ×	.60	= 405.0
	2 × 20 ×	25.0 ×	(.60 + .60)/2 ×	.75	= 450.0
					T = 855.0 m3
for 1000 m lead					
800.00 m3					
for 100 m lead					
55.00 m3					
Test checked & checked			A.E		
23/01/2021			23.01.21		
A.E.			A.E		
Bandyapur.					

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	ABSTRACT DEPOSIT				
	V.T.M.B.P 1408				
①/1	P/r and fixing of marking each EA				
1.730 Km	P.N-①				
	@ Rs.5963.03/Km				Rs.10,316/
②/2	Clearing and grubbing road land EA				
0.690 Ha	P.N-2				
	@ Rs.51,133.76/Ha				Rs.35,282/
③/3	Box-cutting EA				
163.500 m³	P.N-②				
	@ Rs.126.24/m³				Rs.20,640/
④/4/5	Constn of embankment EA				
606 from lead 800.00 m³	P.N-6				
	@ Rs.184.30/m³				Rs.1,47,440
606 from lead 55.00 m³	P.N-6				
	@ Rs.88.36/m³				Rs.4,860/

T-Rs.2,18,538/

Continuation

P.T.O

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
		B.F. 42,18,538/-			
(5)/8 Cutting G.S.B by P/r well graded materials — E/A					
813.93 m³ P.N — (4)					
@ Rs 3346.83/m³					
— Rs 27,24085 = 0					
(6)/9 W.B.M Gr. II P/r, laying and compacting — E/A					
473.545 m³ P.N — 5					
@ Rs 4073.06/m³					
— Rs 19,28,777/-					
(7)/27 E/W in excavation of fd — E/A					
15.662 m³ P.N — 5					
@ Rs 294.73/m³					
— Rs 4615/-					
(8)/28 P/r M15 P.C.C (1:2.5:5) and levelling Conc — E/A					
2.054 m³ P.N — 6					
@ Rs 5326.37/m³ Rs 10,919/-					

T — Rs 48,86,234/-

Continuation

P.T.O

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			B.F.Rs. 48,86,934/-		
less 5.65 % on					
pre S.O.R					
				(-)	2,76,112/-
				T-Rs.	46,10,822/-
Add 12 % G.S.T					
				Rs.	5,53,299/-
Add 1 % Labour Cess					
				(+)	46,108/-
				T-Rs.	52,10,229/-
				23.01.21	
23/01/2021					
A.E.					
Baneyapur					
			C.D.		
			24/01/21		

Continuation