

प्रमाणित किया गया  
है कि मापी पुल में मशीन  
द्वारा 100 पुल है जिसे ए०३०  
R.W.D यनाई के पट्टनाम से  
निर्गत किया गया है।

*Varinder*  
16/01/23  
Executive Engineer  
R.W.D Works Division  
Karidaya  
6.1.23

Sch. XLV - Form No. 134

यनाई DIVISION

यनाई SUB-DIVISION

**Measurement Book**

No.

1342

Name \_\_\_\_\_

Date of first entry \_\_\_\_\_

Date of last entry \_\_\_\_\_

Isti. on A/C Bill.

1

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				Contents of area
	No.	L.	B.	D.	
Name of work - const. of Rd. from Gorak Anushukhit Jati to Sura Pipar Bazar					
Package NO - M/R - 1/22-23					Pikardiyal/
App. NO - 21 M. B.D/2022-23					
Name of Agency - Dhikendra Const. Pvt. Ltd., 40 - Rajeev Kumar.					
At - S.K. Nagar, Matihazi.					
Dist. - east Champaran.					
Date of start - 3.1.23					
Date of completion - 2.10.23					
① Prov. as fixing of typical M/R - informative sign. board - do-do E.I.					2 NOS.
② Clearing or scrubbing rel. land - do-do E.I.					
					$2 \times 20 \times 30.00 \times 1.00 = 1200.00m$
					$2 \times 20 \times 30.00 \times 1.00 = 1200.00$
					$2 \times 10 \times 30.00 \times 1.00 = 600.00$
					$2 \times 5 \times 30.00 \times 1.00 = 300.00$
					$3300.00m^2$
					$\div 10,000 = 0.33 \text{ Hec.}$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
③ Dismantling of axis - finy struc - do - E.I.					
					$2 \times 3.50 \times 3.38 \times 0.15 = 3.54 m^3$
④ Dismantling of axis - finy struc - do - E.I.					
					$4 \times 8.00 \times 1.25 \times 0.40 = 3.16 = 79.20 m^3$
⑤ Dismantling of axis - finy H.P. D.O. - do - E.I.					
					$4 \times 2 \times 2.50 m = 20.00 m^3$
					R.C.C. Box (cut out) - 1 x $4.00 \times 3.00 m$ x
① E.I. in exca. in tunnel - - do - do - E.I.					
					Raft - $1 \times 8.90 \times 6.00 \times 0.93 = 49.40 m^3$
					D. cut of wall - $2 \times 8.90 \times 0.30 \times 1.80 = 9.61 m^3$ $59.01 m^3$
② Sand filling in tunnel - - do - do - E.I.					
					Raft - $1 \times 8.90 \times 6.00 \times 0.10 = 5.34 m^3$
					D. cut of wall - $2 \times 8.90 \times 0.30 \times 0.10 = 0.53 m^3$ $5.87 m^3$
③ P.V. P.C.C. M/S grade in leveling - do - E.I.					
					B. Raft - $1 \times 8.90 \times 6.00 \times 0.10 = 5.34 m^3$

2.2.23.

J.E.

Continuation





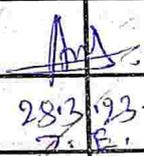
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF at 50	2.96 K <sup>2</sup>
Distribution -					
	5	10	2 x 3.1 x 6.4	0 x 0.62	= 246.09,,
Hunch -					
	8	2 x 4.7	1.25	0 x 0.39	= 45.83,,
Parapet -					
	8	2 x 7 x 4.6	0 x 0.39		= 25.12,,
		2 x 3.4	0.55	0.39	= 14.59,,
					834.52 K <sup>2</sup>
				Wasteage - 5%	- 41.73,,
					876.25 K <sup>2</sup>
<del>(7) P.N. R.C.C. Mg C in deck</del>					
Subob - do - E.I.					
	1	5.10	6.10	0.35	= 10.50 m <sup>3</sup>
		Parapet - 5.10	0.25	0.60	= 0.75,,
					11.25 m <sup>3</sup>
<del>(8) Backfilling in channel</del>					
about. as R/N - do - E.I.					
	2	6.10	3.10	0.60	= 21.60 m <sup>3</sup>
	2	1.40	3.10	0.60	= 5.04,,
					26.64 m <sup>3</sup>
<del>R.C.C. Box Cull - 2 x 5.10 x 5.10 m</del>					
<del>(9) E.I. in exca. in found. do E.I.</del>					
	Raft - 1	16.10	6.10	0.98	= 95.94 m <sup>3</sup>
	D. cut-off wall - 2	1	6.10	0.30	1.80 = 17.71,,

Continuation

113.65 m<sup>3</sup>



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F. 0.11	3465.11 Kk. 2129.55 Kk. m.
Hunch					
8φ	2x4	3x1	30x0	1.40	= 44.72 "
Abut:-	Extra main bar rein:-				
b- 16φ	2x39	4.61x	1.58		= 568.14 "
	outer reinforcement-				
c- 16φ	2x40	8.84x	1.58		= 1117.38 "
	d- inner reinforcement-				
12φ	2x32	5.79x	0.89		= 325.81 "
	e) Distribution				
10φ	4x18	6.44x	0.62		= 287.48 "
Hunch	2x41	1.75x	0.39		= 55.97 "
R/W	1x41	2.25x	0.39		= 35.98 "
	C- inner bar				
12φ	4x20	5.00x	0.85		= 412.96 "
	outer reinforcement-				
12φ	4x18	5.80x	0.89		= 371.66 "
	Distribution reinforcement-				
10φ	4x2	2.4x	2.90	0.19	= 202.37 "
					4600.78 Kk. m.
	Wastage - 5%				= 230.04 "
					4830.82 Kk. m.
	Total				7030.43 Kk.
	Prod. - 5% extra				= 351.52 Kk.
					7381.95 Kk.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) P.N. R.C.C. Mass in found. & sub-structure-B/I					
Raft	1	6.40	6.00	0.40	39.36 m <sup>3</sup>
abut.	2	5.90	0.50	3.50	20.65 "
Pier	5	0.95	0.40	3.50	8.33 "
Hamch	2	0.10	0.20	5.90	0.24 "
R. Well	4	1.94	0.35	3.50	9.51 "
					78.09 m <sup>3</sup>
					
28.3 7.5					
(14) Back filling defined abut. & P.N. - do - B/I					
Abut.	2	5.90	0.60	3.50	24.78 m <sup>3</sup>
R/W	4	1.94	0.35	3.50	9.51 "
					34.29 m <sup>3</sup>
(15) P.N. G.S. B. Part II by well forming structure - do - B/I					
		5.75	2.20	0.10	1.27 m <sup>3</sup>
		5.64	1.60	0.10	0.90 "
		6.07	2.50	0.10	1.52 "
		4.85	2.30	0.10	1.12 "
2 x		4.76	2.23	0.10	2.12 "
		4.98	2.43	0.10	1.21 "
2 x		4.07	1.54	0.10	1.25 "
		4.53	1.99	0.10	0.90 "
2 x		3.55	1.53	0.10	1.09 "

Continuation

C.O. 814 = 12.08 m<sup>3</sup>

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.P. 514	12.08 m <sup>3</sup>
2x	3.87	x 1.8	4x 0.10		= 1.42 ,,
2x	2.77	x 1.7	5x 0.10		= 0.97 ,,
1x	2.52	x 1.28	x 0.10		= 0.32 ,,
2x	1.85	x 1.00	x 0.10		= 0.37 ,,
2x	25.00	x 4.0	5x 0.10		= 35.44 ,,
2x	4.50	x 2.10	0x 0.10		= 1.89 ,,
	3.50	x 1.90	0x 0.10		= 0.67 ,,
2x	6.90	x 2.30	x 0.10		= 3.17 ,,
	6.00	x 2.10	x 0.10		= 1.26 ,,
2x	5.60	x 1.95	5x 0.10		= 2.18 ,,
	4.80	x 1.90	4x 0.10		= 0.93 ,,
3x	4.60	x 1.50	0x 0.10		= 2.07 ,,
2x	1.90	x 1.07	x 0.10		= 0.26 ,,
1x	2.96	x 0.80	x 0.10		= 0.23 ,,
	7.80	x 1.94	x 0.10		= 1.51 ,,
	4.00	x 2.14	4x 0.10		= 0.86 ,,
	5.90	x 2.48	x 0.10		= 1.46 ,,
	2.40	x 1.07	x 0.10		= 0.26 ,,
2x	25.00	x 4.05	x 0.10		= 35.44 ,,
					102.79 m <sup>3</sup>
	J.P.				
	4.4.23.				
	J.P.				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<del>14</del> P.V. laying, preloading					
∞ Compacting stone P.V.					
with W.B.M. (Gr. III - do E)					
2x 5.36 x 2.15 x 0.075 =					1.73 m <sup>3</sup>
5.69 x 2.15 x 0.075 =					0.82 ,,
2x 4.87 x 2.45 x 0.075 =					1.179 ,,
2x 4.56 x 2.45 x 0.075 =					1.140 ,,
5.36 x 2.55 x 0.075 =					1.09 ,,
2x 5.59 x 2.06 x 0.075 =					1.173 ,,
2x 5.50 x 2.20 x 0.075 =					1.182 ,,
3x 5.90 x 2.35 x 0.075 =					3.12 ,,
2x 6.22 x 2.65 x 0.075 =					<del>2.282</del> 2.47 ,,
3x 5.10 x 2.45 x 0.075 =					<del>2.16</del> 2.47 ,,
4.52 x 2.17 x 0.075 =					0.74 ,,
4x 4.91 x 2.38 x 0.075 =					3.151 ,,
2x 5.13 x 2.58 x 0.075 =					1.99 ,,
2x 4.22 x 1.69 x 0.075 =					1.07 ,,
4.68 x 2.14 x 0.075 =					0.75 ,,
2x 3.70 x 1.68 x 0.075 =					0.93 ,,
3.32 x 1.29 x 0.075 =					0.32 ,,
2.79 x 0.77 x 0.075 =					0.16 ,,
3.93 x 1.18 x 0.075 =					0.29 ,,
2x 4.02 x 1.99 x 0.075 =					1.20 ,,
2x 2.56 x 3.75 x 0.075 =					14.06 ,,
2x 4.50 x 2.95 x 0.075 =					1.52 ,,
3.65 x 2.05 x 0.075 =					1.52 ,,

Continuation

C.O. 574 - 46.71 m<sup>3</sup>

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			8.5	9.4	46.71 m <sup>3</sup>
		3.65	2.05	0.75	= 0.56 ,,
	2x	7.05	2.165	0.75	= 2.59 ,,
	1x	6.15	2.25	0.75	= 1.04 ,,
	2x	5.75	2.10	0.75	= 1.81 ,,
		4.95	2.09	0.75	= 0.78 ,,
	3x	4.75	1.65	0.75	= 1.76 ,,
	2x	4.35	1.67	0.75	= 1.09 ,,
	2x	3.95	1.35	0.75	= 0.80 ,,
		7.95	2.09	0.75	= 1.25 ,,
		4.75	2.29	0.75	= 0.71 ,,
	2x	5.75	2.50	0.75	= 1.93 ,,
	2x	3.35	2.40	0.75	= 1.21 ,,
		6.05	2.29	0.75	= 1.04 ,,
	2x	7.65	1.95	0.75	= 2.24 ,,
	2x	6.05	2.50	0.75	= 2.27 ,,
		2.90	2.02	0.75	= 0.44 ,,
	2x	3.55	2.41	0.75	= 1.28 ,,
	3x	6.05	2.63	0.75	= 3.58 ,,
	2x	25.00	3.75	0.75	= 14.06 ,,
					86.11 m <sup>3</sup>
		10.1	4.23		
		J. E.			

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17) P.V. laying, up sending					
completing W.B.M.					
GS - III - do - E.I.J.					
5x	5.36	x 2.3	6x 0.075	=	4.19 m <sup>3</sup>
4x	5.24	x 2.3	6x 0.075	=	3.62 "
4x	5.02	x 2.6	6x 0.075	=	3.99 "
2x	4.71	x 2.2	6x 0.075	=	1.55 "
	5.45	x 2.7	6x 0.075	=	1.10 "
3x	5.74	x 2.2	6x 0.075	=	2.85 "
3x	5.65	x 2.3	6x 0.075	=	2.99 "
5x	6.05	x 2.5	6x 0.075	=	5.67 "
5x	5.94	x 1.9	6x 0.075	=	4.23 "
4x	6.37	x 2.8	6x 0.075	=	5.35 "
6x	5.15	x 2.6	6x 0.075	=	6.03 "
4x	4.67	x 2.3	6x 0.075	=	3.25 "
6x	5.06	x 2.5	6x 0.075	=	5.76 "
4x	5.28	x 2.7	6x 0.075	=	4.32 "
5x	4.37	x 1.8	6x 0.075	=	3.02 "
4x	4.83	x 2.2	6x 0.075	=	3.32 "
4x	3.85	x 1.8	6x 0.075	=	2.11 "
3x	3.47	x 1.4	6x 0.075	=	<del>1.72</del> 1.12 "
4x	3.38	x 1.3	6x 0.075	=	1.35 "
4x	4.17	x 2.1	6x 0.075	=	2.68 "
3x	3.65	x 1.5	6x 0.075	=	1.31 "
5x	3.07	x 2.05	6x 0.075	=	2.36 "
4x	3.24	x 2.2	6x 0.075	=	2.15 "

Continuation

C.O. 94. - 74.18 m<sup>3</sup>

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F. 94.-	74.18 m <sup>3</sup>
3x	2.82	x 1.58	x 0.075	=	1.10 ,,
2x	25.6	x 3.75	x 0.075	=	14.06 ,,
2x	4.50	x 2.40	x 0.075	=	1.62 ,,
5x	7.20	x 2.60	x 0.075	=	7.02 ,,
4x	6.30	x 2.40	x 0.075	=	4.54 ,,
4x	5.90	x 2.25	x 0.075	=	3.98 ,,
3x	5.90	x 2.24	x 0.075	=	2.57 ,,
3x	4.90	x 1.80	x 0.075	=	1.98 ,,
2x	4.50	x 1.82	x 0.075	=	1.23 ,,
	8.10	x 2.24	x 0.075	=	1.36 ,,
2x	5.30	x 2.65	x 0.075	=	2.11 ,,
2	x 3.50	x 2.55	x 0.075	=	1.34 ,,
	6.20	x 2.44	x 0.075	=	1.13 ,,
2x	7.80	x 2.10	x 0.075	=	2.46 ,,
2x	6.90	x 2.65	x 0.075	=	2.46 ,,
	3.05	x 2.17	x 0.075	=	0.50 ,,
					1.42 <sup>0.150</sup> m. 1.42
2x	3.70	x 2.56	x 0.075	=	3.88 <sup>m.</sup>
3x	6.20	x 2.78	x 0.075	=	3.88 ,,
2x	25.6	x 3.75	x 0.075	=	14.66 ,,
					142.90 m <sup>3</sup>
	18.4.	23-			
	J.E				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(18) P.V. applying prime coat over W.B.M. Gr-III - do E.I.					
Qty. vide this m. B. Item					
NO. - (17) P (13) -					
142.90 ÷ 0.075 = 1905.33 m <sup>2</sup>					
<del>Am</del> 25.4.23 J.E.					
(19) P.V. applying tack coat - do - E.I.					
Qty. vide item NO. (18) - 1905.33 m <sup>2</sup>					
(20) P.V. laying & rolling of patch work over W.B.M. Gr-III - do - E.I.					
Qty. vide item NO. (19) - 1905.33 m <sup>2</sup>					
<del>Am</del> 28.4.23 J.E.					
(21) P.V. applying tack coat - - do - do - E.I.					
3 x 30.00 x 3.75 = 1012.50 m <sup>2</sup>					
1 x 6.00 x 3.75 = 22.50 m <sup>2</sup>					
10 x 30.00 x 3.75 = 1125.00 m <sup>2</sup>					
10 x 30.00 x 3.75 = 1125.00 m <sup>2</sup>					
2 x 30.00 x 3.75 = 225.00 m <sup>2</sup>					
1 x 30.00 x 3.75 = 112.50 m <sup>2</sup>					

Continuation

c.b. Qty. - 3622.50 m<sup>2</sup>

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F. (37) - 3		122.50 m <sup>2</sup>
	1 x 2	0.10 x	3.75	=	75.00 ,,
	1 x 2	0.10 x	3.75	=	45.00 ,,
	5 x 3	0.10 x	3.75	=	562.50 ,,
	1 x 3	0.10 x	3.75	=	112.50 ,,
	1 x 1	0.10 x	3.75	=	37.50 ,,
	2 x 2	5.10 x	3.75 + 4.5 + 3.75	=	210.00 ,,
			3		4658.00 m <sup>2</sup>
(22) P.V. S.D. B.C. - do - E.I.					
Sty. width Item No. - (21)					
					4655.00 x 0.025 = 116.375 m <sup>3</sup>
(23) Const. of un-reinforced					
P.C.C. M30 - do - E.I.					
	12 x 3	0.10 x 3.75 x 0.160		=	216.00 m <sup>3</sup>
(24) Const. of sub-grade					
earth shoulder - do - E.I.					
	2 x	5 x 30.10 x 0.80 x 0.450		=	194.40 m <sup>3</sup>
	2 x	1 x 6.10 x 0.80 x 0.450		=	4.32 ,,
	2 x	22 x 30.10 x 0.80 x 0.450		=	475.20 ,,
	2 x	1 x 20.10 x 0.80 x 0.450		=	14.40 ,,
	2 x	1 x 30.10 x 0.80 x 0.450		=	21.60 ,,
	2 x	1 x 21.10 x 0.80 x 0.450		=	8.64 ,,
	2 x	6 x 30.10 x 0.80 x 0.450		=	129.60 ,,

Continuation

C.D. (57) - 848.16 m<sup>3</sup>

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F. 577	848.16 m <sup>3</sup>
	2x	1x30.60	0.80	0.450	= 21.60 m <sup>3</sup>
	2x	1x5.40	0.80	0.450	= 3.60 m <sup>3</sup>
	2x	12x30.60	0.60	0.50	= 216.40 m <sup>3</sup>
				108	9.36 m <sup>3</sup>
(25) P.V. applying of hot					
thermo plastic compound.					
do - do - E/I.					
B.T. Partim -					
	2x	20x30.60	0.10	0.10	= 240.10 m <sup>2</sup>
	2x	21x30.60	0.10	0.10	= 252.10 m <sup>2</sup>
	2x	1x8.10	0.10	0.10	= 1.60 m <sup>2</sup>
					493.60 m <sup>2</sup>
c.c. Partim -					
	2x	12x30.60	0.10	0.10	= 72.10 m <sup>2</sup>
(26) P.V. planting of by the					
Rel. slide - do - E/I.					6 NOS.
(27) P.V. K.M. stone - do - E/I.					
(a) K.M. stone					3 NOS.
(b) 200 mm stone post					5 NOS.
(28) P.V. Rel. furniture - do - E/I.					
(a) 600 mm equilateral triangle					6 NOS.
(b) 600 mm circular					6 NOS.
(c) 600 x 450 mm rectangular					4 NOS.
Handwritten signature					

Continuation

22.5.23.  
S.E.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					Abstract of cast.
(1) PM of fixing of typical m/c intermediate str. board do EI					
					STY vide T.M.B.P. NO. - (1),
					2 NOS @ 15443 = 60/each RS 30887 = 60
(2) cleaning or scrubbing Re. bond - do do EI					
					STY vide T.M.B.P. NO. - (1),
					0.33 Hrs @ 62032 = 43/Hrs RS 20471 = 60
(3) Disman'ting of exis - ting struc - do EI					
					STY vide T.M.B.P. NO. - (2),
					79.20 m <sup>3</sup> @ 412 = 412/m <sup>3</sup> RS 32664 = 60
(4) Removing all type of H.P. - do do EI					
					STY vide T.M.B.P. NO. - (2),
					20.47 m @ 286770/m - RS 5734 = 60
(5) E.W. in exca. in formel. - do do EI					
					STY vide T.M.B.P. NO. - (2),
					59.01 m <sup>3</sup> @ 326771/m <sup>3</sup> RS 19279 = 60
(6) sand filling in formel. - do do EI					
					STY vide T.M.B.P. NO. - (2),
					5.34 m <sup>3</sup> @ 541 = 25/m <sup>3</sup> RS 2890 = 60
					C.O. RS 111925 = 60

Continuation

Sch. XLV-Form No.134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				A.P. RS. 1	11925 = 00
(7/35) P.V. P.C.C. M.S. in form.					
- do - do - E.I.					
STY. VIDE T.M.B.P. NO. - (6)				9.24 m <sup>3</sup>	
STY. VIDE T.M.B.P. NO. - (7)				9.53 m <sup>3</sup>	
15.78 m <sup>3</sup> @ 7999 = 22/m <sup>3</sup>				RS 121488 = 00	
(8/44) P.V. supplying & fitting					
Placing M.Y.S.D. bars - do - E.I.					
STY. VIDE T.M.B.P. NO. - (4)				2928.70 m <sup>3</sup>	
" " - (5)				876.25 "	
" " - (7)				7381.95 "	
				11186.30 m <sup>3</sup>	1104204 = 00
STY. 11.186 MT @ 5871 = 07/MT - RS					
(9/60) P.V. R.C.C. M.S. in box					
cell - do - E.I.					
STY. VIDE T.M.B.P. NO. - (9)				44.51 m <sup>3</sup>	
" " - (5)				11.25 "	
" " - (8)				70.09 "	
125.85 m <sup>3</sup> @ 557 = 6/m <sup>3</sup>					
@ 5881 = 26/m <sup>3</sup>				RS-1	243557 = 00
(10/41) P.V. BACK filling - do - E.I.					
STY. VIDE T.M.B.P. NO. - (5)				26.64 m <sup>3</sup>	
" " - (8)				34.29 "	
				60.93 m <sup>3</sup>	
@ 4014 = 17/m <sup>3</sup> - RS					
(11/5) P.V. B.S.B. grouting - do - E.I.					244583 = 00
STY. VIDE T.M.B.P. NO. - (5)					
102.7 m <sup>3</sup> @ 3860 = 50/m <sup>3</sup> - RS					396862 = 00

Continuation

C.O. - RS. 3292559 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF-RB .3	222559=00
(12/6) P.V. laying, spreading & compacting stone aggregate - do - E.I.					
STY-VICK T.M. B.P. NO. - (12)					
86.11 m <sup>3</sup> @ 6000 = 42/m <sup>3</sup> - RB 51					6696=00
(13/7) P.V. laying, spreading & compacting W.B.M. - do - do - E.I.					
STY-VICK T.M. B.P. NO. - (13)					
142.90 m <sup>3</sup> @ 5303 = 89/m <sup>3</sup> - RB					757883=00
(14/8) P.V. applying primer coat - do - E.I.					
STY-VICK T.M. B.P. NO. - (14)					
190.533 m <sup>3</sup> @ 62 = 38/m <sup>3</sup> - RB					118854=00
(15/10) P.V. applying tack coat - do - E.I.					
STY-VICK T.M. B.P. NO. - (14) - 190.533 m <sup>3</sup>					
" " " - (15) - 465.510 m <sup>3</sup>					
				6560.33 m <sup>3</sup>	
				@ 21 = 33/m <sup>3</sup> - RB	139939=00
(16/9) P.V. mix seal surfacing - do - do - E.I.					
STY-VICK T.M. B.P. NO. - (14)					
190.533 m <sup>3</sup> @ 27 = 44/m <sup>3</sup> - RB					517183=00
(17/12) P.V. S.D.B.C. - do - E.I.					
STY-VICK T.M. B.P. NO. - (15)					
116.845 m <sup>3</sup> @ 15166 = 44/m <sup>3</sup> - RB					764990=00

Continuation

C.O-RB 7038097=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF RS 70	38087=00
(18/4) - const. of slu gate as earthen shoulder - do - E.I.					
STY. vide T.M.B.P. NO. - (14)					
1089.36m <sup>3</sup> @ 243=73/m <sup>3</sup> RS 7					65510=00
(19/23) const. of un-reinforced P.C.C. M 30 mm - do - E.I.					
STY. vide T.M.B.P. NO. - (15)					
216.40 m <sup>3</sup> @ 2553=95/m <sup>3</sup> RS 19					55653=00
(20/26,27) - P.V. & laying kot applied thermoplastic com - round - do - E.I.					
STY. vide T.M.B.P. NO. - (16)					
B.T. portion - <del>310.00</del> <sup>4931.60</sup> @ 823=89/m <sup>3</sup> RS 14					255378=00
C.C. 11 - 79.40 m <sup>3</sup> @ 926=43/m <sup>3</sup> RS					66703=00
(21/25) planting of tree by the Rd. side - do - E.I.					
STY. vide T.M.B.P. NO. - (16)					
60 nos. @ 1038=71/m <sup>2</sup> RS 62					323=00
(22/15,16) P.V. K.M. R.C.C. Ms road - do - E.I.					
STY. vide T.M.B.P. NO. - (16)					
(a) K.M. - 3 nos @ 3268=87/m <sup>2</sup> RS					7130=00
(b) 2.0 m. Stone - 5 nos @ 851=29/m <sup>2</sup> RS					4456=00
(23/19,20,21) - P.V. Rot furniture - do - E.I.					
STY. vide T.M.B.P. NO. - (16)					
				C.O. RS 9	837696=00

Continuation

96579270



VA. No. \_\_\_\_\_ Dated \_\_\_\_\_  
 Part on A/C bill B.F. 10526858-  
 Sch. XLV Form No. 134 22

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Memo of Payment					
5% S.P.			526343		
2% S.H.M.			210537		
1% C.C.W.			105269		
1% C.A.S.T.			105269		
1% S.A.S.T.			105269		
(10%) S.F.			97095		
Royalty			50293		
Md (for plantation)			43626		
Total deductions			124370		
Pay by cheque			9283157		
Total B.			10526858		

Balance of for (Rs 10526858-00)  
 Rupees one crore five lakh  
 twenty six thousand eight  
 hundred fifty eight only

*(Signature)*  
 23/5/23  
 Executive Engineer  
 R.W.D. (W) Division  
 Pakardayat

*(Signature)*  
 23/5/23

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work :-	Const of Road & CC work from				
	Ganahi anusuchit Jari to Sugapipar				
	Bazar.				
Package No :-	MR-3054 N/M-P-2018				
Block -	Patahi				
Agency -	Chirangas Const. Pvt Ltd.				
	S.K. Nagar. Motihari				
	Ecat Champaran				
Agreement No :-	21 MPD/ 2022-23				
Date of Work order :-	03.01.2023				
Date of Comp :-	02.10.2023				
Measurement Date :-					
RCC Box culverts = 1 x 44 x 37					
1.	D.V S/F & Placing HySD				
	bar in reinforcement.				
8mm $\phi$	2 x 74.00 x 1.50 m				
	@ 0.39 kg/m				86.58 kg.
10mm $\phi$	2 x 18.00 x 8.90 m				
	@ 0.62 kg/m				198.64 kg.
					T 285.22 kg.
Add S.F. laps & extras					(+) 14.26 kg.
					T 299.48 kg.
					or, 0.299 MT

Continuation



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
D. cut of wall					
8mm $\phi$	2	134 no	1.50 y		
			@ 0.39 kg/y		156.780 y
10mm $\phi$	2	18 no	16.400 y		
			@ 0.62 kg/y		366.048 y
Proc/paths					
8mm $\phi$	2	57	2.50 y		
			@ 0.39 kg/y		111.150 y
12mm $\phi$	2	10 no	11.400 y		
			@ 0.89 kg/y		202.920 y
				T	2772.922
add 5% extra				=	138.646
				T	2911.568
					2.91147
2. PIV ke 1725 in box					
cell comp					
D. cut of	2	16.40	0.30	1.50	14.26
Hunch	2	0.10	0.10	6.10	0.24
Desk slab	1	11.40	6.00	0.40	0.12
					27.36
Parapet	2	11.40	0.25	0.60	3.42
				T	45.787 <sup>3</sup>
					45.66
3. PIV weep holes in					
ke Abut of P. wall					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Ab.	2	5	5		= 50.00 ✓
P.W	4	2	5		= 40.00 ✓
					T 90.00 M <sup>2</sup> ✓
Ans					
8/11/23					
S.E.					
Recd of entry					
1. Blk work in CH (1:3)					
in 1000/pct work					
	2	6.00	0.40	0.60	= 2.88 ✓
					T 2.88 y <sup>3</sup> ✓
	4 No				2.88 y <sup>3</sup> = 11.52 y <sup>3</sup> ✓
2. Plastering with cy					
(1:4) on P.W					
Top	2	6.00	0.40		= 4.80 ✓
Ends	4	0.40	0.60		= 0.96 ✓
S. L	4	6.00	0.60		= 14.40 ✓
					T 20.16 y <sup>2</sup> ✓
	4 No				20.16 = 80.64 y <sup>2</sup> ✓
3. Painting two coats					
- including primer coat					
Top	2	6.00	0.40		= 4.80 ✓
Ends	4	0.40	0.60		= 0.96 ✓
S. L	4	6.00	0.60		= 14.40 ✓
					T 20.16 y <sup>2</sup> ✓

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	4 Nos	20.16			$2 = 80.64 \text{ m}^2$
Recmt erij -					
1.	P/v & laying boulder				
	approx for bed				
	Position				
<del>2 x 3m x 3m</del>	<del>Cancelled</del>				
<del>4/5</del>	<del>1 x 12.00 x 5.00 x 0.60</del>				
<del>0/5</del>	<del>1 x 12.00 x 3.00 x 0.60</del>				
<del>1 x 4m x 3m</del>	<del></del>				
Rce. B. crms - 1 x 4m x 3m					
1.	E/W in excavation				
	for structure				
Pitching approx -					
4/5	1 x	3.00	5.90	0.90	15.93
12/5	1 x	5.00	5.90	0.90	26.55
					T 42.48
2. P/v & laying boulder					
	approx for bed				
4/5	1 x	1.65	$\frac{7.0 + 6.0}{2}$	0.60	6.43
	1 x	1.35	5.70	0.60	4.61
12/5	1 x	3.00	$\frac{6.28}{2}$	0.60	11.30
	1 x	2.00	5.00	0.60	6.0

Continuation

T 28.34

with 28.32

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Recd Bore culvert - 2 x 5m x 5m					
1. E/W in execution for structure.					
Pitching of pipes -					
4/5	1 x	3.00 x	12.40 x	0.90	33.48 ✓
D/S	1 x	5.00 x	12.40 x	0.90	55.80 ✓
				+	90.28 y <sup>3</sup>
					89.28
2. PIV & laying board					
an g/l pipes for bed -					
4/5	1 x	3.00 x	12.00 x	0.60	21.60 ✓
D/S	1 x	5.00 x	12.00 x	0.60	36.00 ✓
				+	57.60 y <sup>3</sup> ✓
Recd entry -					
1. Posts of G.S.B Grid					
by 12v well galv -					
2 x	13.00 x	3.75 x	0.050		4.87 ✓
2 x	2.00 x	5.30 x	0.050		0.75 ✓
				+	5.62 y <sup>3</sup>
12.6.23 J.E.					
2. PIV laying study & comp. w/B & L <sup>7</sup>					
5 x	20.00 x	3.75 x	0.015		5.62 ✓
1 x	22.00 x	3.75 x	0.015		1.23 ✓
				+	6.85 y <sup>3</sup> ✓

Continuation

14.6.23 J.E.

SOT. 6.85 y<sup>3</sup>

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
5. PIV laying slowly + cont. way 1/2					
	5	20.00	3.75	0.021	7.87
	1	28.00	3.75	0.021	1.73
				T	9.60
<del>Ind.</del> 16.6.23 S.E.					
6. Cont. 9 1/2" dia. pipe					
	2	13.00	3.75	0.160	15.60
	2	2.00	5.30	0.160	3.39
				T	19.99
7. PIV & opp. pipe with 1/2" dia measurement for way 1/2 dia					
					9.60 <sup>2</sup> / 0.075 = 128.0
<del>Ind.</del> 18.6.23 S.E.				T	128.072
6. PIV & opp. pipe with 1/2" dia measurement for pipes opp 1/2"					128.0
				T	128.072
7. PIV laying out rolls + 1/2" dia					



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. Plucking & hot					
app. Rnd garky					
of Pre P-tin					
2. 2 x 15.0 x 0.10					6.10
				T	6.10 y 2
2.					
3. Pipe Frig & Acc					
7.15 200g sk					2 No
4. 600mm triple					
b-d					3 No
5. 600mm 11 Circular					
b-d					3 No
6. 600mm x 450mm					
Randgarky					2 No
7. Plucking & hot by					
1kg & end					10 No



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1/28					
	P.V. & fixing of typset				
	79. sign with logo &				
	79. signare bed				
2 No		P. 1			
1 No		P. 32			
3 No	⊙	154	326	9	46331
2/1		Clearing and grubbing			
		and land			
		P. 1			
0.33 Hec	⊙	62032	43	2	20471
3/48		Dismantling & existing			
		structure			
		P. 2			
79.20 m <sup>2</sup>	⊙	4122	42	6	32664
4/50		Removing all type of			
		H.P. etc			
		P. 2			
20 (1)	⊙	2862	70	9	5734
7/32		E/W in excavation			
		for foundation			
59.01 m <sup>3</sup>		P. 2			
113.65 m <sup>3</sup>		P. 5			
42.48 m <sup>3</sup>		P. 2			
90-28 m <sup>6</sup> 89.28		P. 28			
305.42 m <sup>2</sup>	⊙	3262	71	6	99457 = 00 99784
304.42					
6/33		Sand filling in			
		open & do			

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5.87 7 <sup>3</sup>	/	P. 2			
10.82 7 <sup>3</sup>	/	P. 6			
16.69 7 <sup>3</sup>	⊙	541029		6.	9034.0
7/25	PIN	8.00	15	fur	
		open fund <sup>n</sup>	leveling	-	
5.34 7 <sup>3</sup>	/	P. 2			
9.84 7 <sup>3</sup>	/	P. 6			
15.18 7 <sup>3</sup>	⊙	7999:22		l.	121428.0
8/44	PIN	SIA	and	Placing	
		HYSN	69r		
2.928 7T	/	P. 4			
0.876 7T	/	P. 5			
7.381 7T	/	P. 7			
0.299 7T	/	P. 23			
2.911 7T	/	P. 25			
14.395 7T	/				
14.32 7T	⊙	98713:07		l.	1413571.0
9/40	PIN	Rce	725	gravel	
		in base	cut		
44.57 7 <sup>3</sup>	/	P. 4			
11.25 7 <sup>3</sup>	/	P. 5			
78.09 7 <sup>3</sup>	/	P. 8			
8.77					
8.99 7 <sup>3</sup>	/	P. 24			
45.66					
45.78 7 <sup>3</sup>	/	P. 25			
188.62 7 <sup>3</sup>	⊙	9881:26		6.	1860444=00
188.26					1863803.0
19/41	PIN	Back	filling		
		bihi	of	Abot	9 well

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
26.64 m <sup>2</sup>	/	P-5		
34.29 y <sup>2</sup>	/	P.8		
<del>60.88</del> 60.93	/	⊙ 1. 4014017		244583 = <del>244383</del>
11/42		P/v weaps hole in floor		
		Abv. & g. wall		
42.40	/	P.24		
90 M <sup>2</sup>	/	P.26		
132 M <sup>2</sup>	/	⊙ 9 131237		9 17341 =
12/43		P/v and laying b-14		
		in g. wall		
28.32 y <sup>2</sup>	/	P.27		
57.60 y <sup>2</sup>	/	P.28		
85.92 m <sup>2</sup>	/	⊙ 2. 4899 = 75		420987 =
13/29		1317 work in c/ (1:3)		
		in plaster.		
		P.26		
11.52 y <sup>2</sup>	/	⊙ 1. 8765 = 207		9 1009733 =
14/30		Plastering with c/ (1:3)		
		on M/W		
		P.26		
80.64 m <sup>2</sup>	/	⊙ 9 227 = 98		18384 =
18/31		Painting two coat indy		
		dry prime		
		P.28		
00.67 m <sup>2</sup>	/	⊙ 9 117 = 85		9503 =
145		Const. of C.S. B. G. D		
		by air wall		

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
102.79 $\eta^3$	/	P-9			
562 $\eta^3$	/	P-28			
108.91 $\eta^3$	/				
<del>417</del>					417286=0
108.08 $\eta^3$	①	3860=90		9	417286=0
12/6		PIV laying spreading			
		& comp. w/BM B			
86.11 $\eta^3$	/	P-11			
6.85 $\eta^3$	/	P-28			
92.96 $\eta^3$	/				
<del>417</del>					
92.90 $\eta^3$	②	6000=42		9	557439=0
18/7		PIV laying spreading			
		& comp. w/BM B			
142.90 $\eta^3$	/	P-13			
9.60 $\eta^3$	/	P-29			
152.50 $\eta^3$	③	5303=59		9	808797=0
19/08		PIV and app. Paving			
		cont. w/15 SS,			
1905.33 $\eta^2$	/	P-14			
128.00 $\eta^2$	/	P-29			
2033.33 $\eta^2$	④	62=38		1	126839=0
20/10		PIV and app. Paving			
		cont. w/15 RS,			
1905.33 $\eta^2$	/	P-14			
4055.00 $\eta^2$	/	P-15			
128.00 $\eta^2$	/	P-29			
457.50 $\eta^2$	/	P-30			
7145.83 $\eta^2$	⑤	21=33		1	152421=0

Continuation

36483687=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
21/9	P1v	laying	9-2211g		
		of c.p. for	755 -		
1905.33 m <sup>2</sup>		P.17			
128.00 m <sup>2</sup>		P.20			
2033.33 m <sup>2</sup>	⊙ 9	271:44		9	551927.00
22/12	P1v	laying	SDBC		
		with 100-120	744 -		
116.375 m <sup>3</sup>		P.15			
11.437 m <sup>3</sup>		P.30			
127.812 m <sup>3</sup>	⊙ 9	157:66:40		9	1938448.00
23/13	Const	9	in-2nd		
		Pce 7	30 8nd		
216.00 m <sup>3</sup>		P-15			
18.99 m <sup>3</sup>		P. 29			
234.99 m <sup>3</sup>	⊙ 9	9053:95		9	2127588.00
24/4	Const	9	subgrade		
		earth's	shoulder with		
		app.	7 at 4		
1089.36 m <sup>3</sup>		P. 16			
136.80 m <sup>3</sup>		P.30			
1226.16 m <sup>3</sup>	⊙ 9	243:073		9	298852.00
25/26	P1v	laying	hot gbb.		
		Road	grading		
		P. 16			
310.00 m <sup>3</sup>	⊙ 9	823:80		9	255378.00
26/27	P1v	laying	hot		
		app.	grading		

Continuation

11655880-w

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
72.07 <sup>2</sup>	✓	P. 16			
6.07 <sup>2</sup>	✓	P. 31			
78.07 <sup>3</sup>	⊙	926	43	9	72262 :-
27/25		Planting of trees by			
		14 m side			
60.40	✓	P. 16			
10.40	✓	P. 31			
70.40	⊙	1038	71	9	72710 :-
28/15		Plr 6 fixing of cc			
		7.15 km stone			
		P. 16			
3.40	⊙	3268	89	9	9807 :-
29/16		Plr 6 fixing of cc			
		7.15 2007 stone			
5.40	✓	P. 16			
2.40	✓	P. 31			
7.40	⊙	8912	29	9	6239 :-
30/19		Plr 6 fixing of 600 mas			
		rectangular bed			
6.40	✓	P. 16			
3.40	✓	P. 31			
9.40	⊙	4969	46	9	44725 :-
31/20		Plr 6 fixing of RR 600			
		mm dimension			
6.40	✓	P. 16			
3.40	✓	P. 31			
9.40	⊙	6411	09	9	57700 :-

Continuation

57700 = 0  
11919323 = 0



