

Name of work- High Level RCC Bridge over Dabta

River B/M Dhenuki and Asbiya Near
Schedule XLV-Form No. 134
Basth Parham
Asham

Executive Engineer
Rural Works Department

Works Div. Marhaura

DIVISION

Marhaura

SUB-DIVISION

MEASUREMENT BOOK

Patli Putra Infrastructure Pvt Ltd

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4th 2 Fixed Pill					
Name of work - Construction of High					
Level R.O.C. Bridge Over Palana					
River U/w Phenuki - O. Asoyia					
Near Bankema's/Kan under					
Machauwa Block, in Chapra Dis					
Name of Agency - Patali Purna Mitra					
Construction Pvt. Ltd.					
Agg. No. 01/Alabard / Bridge / SBP / 2021					
Date of Commencement - 09.07.2020					
Date of Completion - 01.01.2022					
Date of Measurement - 22.08.22 to 20.12.22					
Date of Entry - 24.12.22					
Item of Work.					
1. No. 1 - Construction of embankment					
with approved material					
Obtained from borrow					
pits with all cuts.					
1.	00	4.405	-	-	-
2.	10	4.584	4.495	10	44.945
3.	20	4.763	4.674	10	46.735
4.	30	4.793	4.778	10	47.780
5.	40	4.938	4.866	10	49.655
6.	50	5.605	4.972	10	49.715
7.	60	17.339	11.172	10	111.720
8.	70	39.763	26.051	10	260.510
9.	80	57.059	45.911	10	459.110

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	<u>Abstract of Cost</u>				
J. 40.01 - Earth work excavated -					
material of 1 cft.					
Vide P. 40. 29 in T. 4. B.					
$358.92 \times 3.2 R - 128.74 \times 3.2 R -$					46.0212
J. 40.02 - Paving 3rd Class concrete					
thick. of concrete of 1 c.					
Vide P. 40 29 in T. 4. B.					
$3.284 \times T. 2 R - 750.21 = 02/4 T. R -$					$62.11/14$
J. 40.03 - R.C.C. Grade 15 in pile					
Vide P. 40 29 in T. 4. B.					
$349.60 \times 2 R - 1608.9 = 85/4 R -$					56.15358
J. 40.04 - R.C.C. Grade 15					
in pile 10 cft of 1 c.					
Vide P. 40. 29 in T. 4. B.					
$206.864 \times 3.2 R - 727.3 = 90.4 \times R$					1502.596 1502.434 1502.146
J. 40.05 - Paving 104 of P.C.C.					
15 levelly Course					
Vide P. 40 29 in T. 4. B.					
$10.43 \times 3.2 R - 605.6 = 35/4 \times R -$					$63.16.8 = 02$
J. 40.06 - Supplying filling of 1 cft.					
Placing concrete 144.50 c.					
Vide P. 40. 30 in T. 4. B.					
$24.746 \times T. 2 R - 500.17 = 02/4 T. R -$					1237.721
$32.922 \times T. 2 R - 500.17 = 02/4 T. R -$					1646.6602
$11.764 \times T. 2 R - 500.17 = 02 - R -$					5884.000

R-11520926

113209982

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				P-	113207252
J. 10.07. Discontinuity of structure					
Discontinuity of soil					
Vide P. 10. 30 in 7.4.83					
10.85 y ³ R ₁ - 1167 = 61 y ³ R ₂ - 1269020					
J. 10.08. Pile load test on single					
vertical pile of 1 ft					
Vide P. 10. 30 in 7.4.83					
(a) Initial and final time (clock)					
200 time R ₁ - 300 = 1 Time R ₂ - 6000000					
J. 10.08. (b) Lateral load test.					
30 Time - Q.R. - 5000 = 1/4 Time R ₂ - 15000000					
J. 10.09. R.C.C. Substructure work					
as per concrete in schedule					
2 Pile of 1 ft					
Vide P. 10. 31 in 7.4.83					
133.089 y ³ R ₁ - 73/6 = 56 R ₂ - 9737960					
J. 10.10. Back filling back and					
abutment wing wall.					
Vide P. 10. 31 in 7.4.83					
64.86 y ³ R ₁ - 723 = 76/4 R ₂ - 4694300					
J. 10.11. Poorly compacted					
in Abutment Cap work.					
1000 in 10 ft of 1 ft					
Vide P. 10. 31 in 7.4.83					
48/10 R ₁ - 121 = 54 R ₂ - 583400					
				R-	125701890

125702612

Continuation

1257026120

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					R-1257018920
J. 40.12 - Supplying filling and					
Placing HYSD Bars with					
of c.c. + c.c.					
Vide P-40.31 in T-4 B.					14097920
179844.80 cm ² R - 0 = 78 / c.c. B -					14207720
J. 40.13 Providing and laying fill					
media with granular of 7.					
Vide P-40.31 in T-4 B.					
45.59 / 4 th R - 3366 = 22 R -					15376620
J. 40.14 Supplying filling and					
Placing HYSD Bars					
Vide P-40.31 in T-4 B.					
J. 40.14 / 15 Providing c.c. 700 Girders					
Support structure.					
Vide P-40.32 in T-4 B.					
122.404 R - 7731 = 31 / 4 R -					9463120
J. 40.15 / 16 Port of HYSD / 45 B -					
in all types of R.C.C. work.					
Vide P-40.32 in T-4 B.					
20.754 T R - 51373 = 02 / 4 R -					10659900
J. 40.16 / 17 Constant of Present R.C.C.					
with of c.c. + c.c.					
Vide P-40.32 in T-4 B.					
80.42 R - 1369 = 25 - R -					10954020
					R-149875420

179858482

Continuation

14985848.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					R ₀ -14987574.2
4.40.17/- Poorly damaged spot					
					Vide p. 40. 33 in T. 4 B.
12.40.18/- 828/- 2.60.19. 9736.0					
4.40.18/- Poorly P.C. 14.9.20.21.					
					Below Appraisal S.P.C.
					Vide p. 40. 33 in T. 4 B.
7.82.4.1/- R ₀ - 6592 = 98 / 4 R ₀ 51559.00					
4.40.19/- Poorly P.C.C. Appraisal					
					8/6 et. Cap. 7.6.11.
					Vide p. 40. 33 in T. 4 B.
15.6454 R ₀ - 9538 = 88 4 R ₀ - 149236.00					
4.40.20/- 60000 Cont. 1.4.11.					
					and lying Curran Cont.
					Creating Cont. et. Cap. 1.
					Vide p. 40. 33 in T. 4 B.
22.05.4 R ₀ - 10821 = 24 4 R ₀ 238608.00					
4.40.21/- Poorly and lying strip					
					Seal expansion in et.
					Vide p. 40. 33 in T. 4 B.
22.50.4 R ₀ - 10798 = 00 / 4 R ₀ 242955.00					
4.40.22/- Asphaltic Plug joint					
					Poorly and lying
					Vide p. 40. 33 in T. 4 B.
22.50.4 R ₀ - 1021 = 00 - R ₀ 22972.00					
					R ₀ -157028.00

15701114

Continuation

15761142

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					R-15702840
S. 10.23/24	Paving and applying two concrete water Canal.				
				Vide P. 10.39 in T. 10	
400.20	72.6	-94	$= 10$	72.6	37619.0
S. 10.24/25	Paving and laying builder after survey bed at camp job.				
				Vide P. 10.40 in T. 10	
315.20	72.6	-3219	$= 34$	72.6	1014749.0
S. 10.25/27	Paving and laying Pitching on slope 2.				
				Vide P. 10.40 in T. 10	
125.25	72.6	-3219	$= 34$	72.6	532219.0
S. 10.26/28	Paving laying F.L. material etc. etc.				
				Vide P. 10.39 in T. 10	
80.838	72.6	-3497	$= 22$	72.6	282691 282702.00
S. 10.27/28	Construction of with approved material.				
				Vide P. 10.33 in T. 10	
1416.45	72.6	-183	$= 81$	72.6	260358.0
S. 10.28/29	Granular sub base Grade I. Construction of G.S.B. etc. etc.				
				Vide P. 10.33 in T. 10	
36.45	72.6	-2875	$= 91$	72.6	104827.00
					R-17935480.00

17933434

Continuation

1793348420

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					R- 1793548000
J. 10-29/- Laying Reinforced G.C.					
31					
Concrete pile H.P.Y					
Reinforced concrete pile					
Vide P. No. 34 in T.Y.B.					
35.4 285 - 3777 = 56 / 1-P.					132985 = 9
J. 10-30/- Carrying Out the Conty					
13					
Working for soil/messy					
for found etc. etc.					
Vide P. No. 34 in T.Y.B.					
03 Nos CR - 100000 = 30					3000000 =
J. 10-31/- Constructed concrete					
32					
with approved control					
Vide P. No. 34 in T.Y.B.					
24.94.61					648353
3.40.30/- 153 = 81 of 2R					640394 = 00
3.40.30/- 12.4.20.20 - 2875 = 21.4.20					484044 =
J. 10-32/- Generator Sub 2200 with					
33					
Concrete galled Material					
army & etc. etc.					
Vide P. No. 38 in T.Y.B.					
51.384 285 - 4000 = 64 / 1/2 R					205861 = 00
J. 10-33/- Paving and applying					
34					
Bitumen Coat with 16 lit.					
emulsion etc. etc.					
Vide P. No. 38 in T.Y.B.					
672.524 285 - 32 = 294 2 R					21714 = 00
					R- 1923653500

1923663820

19720742 = 03

Continuation

199366982

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19769570

Continuation- 20261842=0

[illegible]