

प्रमाणित किया जाना है
कि मापी पुल से मशीन तकनीक
100 फुट लंबे पुल है जिसकी
बादलान पुल 440370 R.W.D
पुल की दूरी के पदनाम से निर्धारित
विभागा 2111 है

Vijayendra
10/7/20

कारोफालक अभियन्ता

सामान्य कार्य विभाग

बिस्मिलपुर प्रकल्पदाल

19/9/20
10/7/20

Sch. XLV - Form No. 134

पुल की दूरी DIVISION

पुल की दूरी SUB-DIVISION

Measurement Book

No. 943

Name _____

Date of first entry _____

Date of last entry _____

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5th on A/C Bill					
Name of work- proposed High Level RCC Bridge with five years maintenance of Across Kachua River at Chhapra Uhat under Pakridga Block in the district of East Champaran under NABARD					
Name of Agency- M/s Parnoo Enterprises At Chhota Baniyarpur Motihari Dist- East Champaran					
Agreement No- 155 B.D. / 2019-20					
(1) providing RCC M30 concrete in super structure - all complete span (A2-P3)					
main girder- $3 \times 15.07 \times 0.300 \times 1.06 = 14.38 \text{ m}^3$					
cross girder- $3 \times 5.30 \times 0.250 \times 1.06 = 4.21 \text{ m}^3$ 18.59 m^3					
(2) S/F/ placing Hy SD Bars Reinforcement in super structure - - - - - all complete					
Qty vide MB No- 915 PN-22 = 6337.80 kg W. signature 12.04.2022 JE					
(3) providing RCC M30 concrete in super structure - - - - - all complete span (A2-P3)					
Sloab- $15.07 \times 8.450 \times 0.35 + 0.275 + 0.215 + 0.150$ $4 = 31.52 \text{ m}^3$					
Kerbs- $2 \times 15.07 \times 0.425 \times 0.275 = 3.52 \text{ m}^3$ 35.04 m^3					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT OF COST					
(1) Dismantling of Existing 8.0 structure -- all complete					
vide TMB item (1) PN-32					
27.15 m ³ @ RS 1140 = 29/m ³				RS	30959 = 00
(2) E/W in Excavation of foundation 43.0 ---- all complete					
vide TMB item (2) PN-32					
428.50 m ³ @ RS 73 = 73/m ³				RS	31593 = 00
(3) construction of Embankment 37.0 with approved material ---- all complete					
vide TMB item (3) PN-32					
1801.80 m ³ @ RS 204 = 02/m ³				RS	367603 = 00
(4) S/F/F NP3 HUMA-PIPE 39.0 ---- all complete					
vide TMB item (4) PN-32					
30.0 m @ RS 4490 = 09/m				RS	134703 = 00
(5) providing Borat cast-in- 7.0 situ M35 RCC pipe ---- all complete					
vide TMB item (5) PN-32					
454.44 m @ RS 17036 = 60/m				RS	7742113 = 00
(6) pile load test on single 1.0 vertical pile (initial growth load test) ---- all complete					
				CC RS	8306971 = 00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.P.R.	8306971=00
vide TMB item (6) PH - 33					
2464.0 MT @ RS 300=00/MT				RS	739200=00
(7) pile load test on single					
2.0 vertical pile (lateral load					
test) -- all complete					
vide TMB item (7) PN - 33					
61.20 MT @ RS 5000=00/MT				RS	306000=00
(8) providing steel lines 6mm					
6.0 thick -- all complete					
vide TMB item (8) PN - 33					
8.659 MT @ RS 89366=06/MT				RS	773821=00
(9) S/F 2 piling uncoated					
12.0					
Hyd bar Reinforcement					
in foundation -- all complete					
vide TMB item (9) PN - 33					
54.271 MT @ RS 76973=36/MT				RS	4177421=00
(10) sand filling in foundation trench					
9.0					
----- all complete					
vide TMB item (10) PN - 33					
17.91 m ³ @ RS 455=99/m ³				RS	8167=00
(11) providing pcc m 15 in levelling					
10.0					
course -- all complete					
vide TMB item (11) PN - 33					
17.91 m ³ @ RS 6246=96/m ³				RS	111881=00
				CU RS	14423461=

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B/Rs/4	423461=0
(12) providing RCC M35 1m 11.0					
pile cap --- all complete					
vide TMB item (12) PN-34					✓
301.10 m ³ @ Rs 7312 = 92/m ³				R	2352470=0
(13) providing RCC M30 1m 13.045.0					
sub structure --- all complete					
vide TMB item (13) PN-34					
186.216 m ³ @ Rs 7936 = 78/m ³				B	1477955=0
(14) S/F placing HYSD BAR 19.0					
Reinforcement in sub-struct					
----- all complete					
vide TMB item (14) PN-34					
26.315 MT @ Rs 77122 = 84/MT				B	2029488=0
(15) providing BISB grading II 38.0					
----- all complete					
vide TMB item (15) PN-34					
39.375 m ³ @ Rs 2919 = 52/m ³				R	114956=0
(16) providing RCC M30 insul 14.0x16.0					
structure --- all complete					
vide TMB item (16) PN-34					
5.693 m ³ @ Rs 8080 = 20/m ³				R	46001=0
(17) providing weep holes in abut 18.0					
--- all complete					
vide TMB item (17) PN-35					
66.0 NOS @ Rs 131 = 30/each				R	8666=0
				C.O.R	20452997=0

Continuation

Sch. XLV-Form No.134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F.B. 20452997=0
(18) Back filling behind abutment					
20.0					
wing wall & R/W -- all complete					
vide TMB item (18) PH-35					
158.369 m ³ @ Rs 747 = 83/m ³ B					118441=00
(19) providing & laying of filter					
21.0					
media with 90 angular					
materials -- all complete					
vide TMB item (19) PH-35					
68.886 m ³ @ Rs 3164 = 71/m ³ B					218004=00
(20) S/P/F Elastic - ment					
17.0					
bearing & seismic pad --					
all complete					
vide TMB item (20) PH-35					
364089.60 cm ³ @ Rs 83/cm ³ B					302194=00
(21) cleanings gutting road					
47.0					
1971 -- all complete					
vide TMB item (21) PH-35					
0.14 Ha @ Rs 49739 = 47/Ha B					6964=00
(22) construction of subgrade					
50.0					
--- all complete					
vide TMB item (22) PH-36					
634.80 m ³ @ Rs 248 = 46/m ³ B					157722=00
(23) construction of USD gutter					
49.0					
--- all complete					
vide TMB item (23) PH-36					
186.30 m ³ @ Rs 2929 = 90/m ³ B					545840=00

Continuation

C.O.B. 21802162=00

Sch. XLV-Form No.134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F.R. 21302162=0
(24) construction of 112m gully					
51.0					
----- all complete					
vide TMB item (24) PH - 36					
64.69 m ³ @ R 3482 = 74/m ³				B	225298=
(25) construction of Embankment					
49.0					
----- all complete					
vide TMB item (25) PH - 36					
6222.08 m ³ @ R 204 = 02/m ³				RS	1269429=0
(26) providing RCC m30 grade in					
24.0					
super structure ----- all complete					
18.59 m ³ vide TMB item (1) PH - 39					
+ 35.04 m ³ vide TMB item (3) PH - 39					
+ 37.18 m ³ vide TMB item (5) PH - 40					
+ 70.08 m ³ vide TMB item (7) PH - 40					
+ 18.59 m ³ vide TMB item (9) PH - 41					
+ 35.04 m ³ vide TMB item (11) PH - 41					
214.52 m ³					
Limit 212.0 m ³ @ R 8957 = 89/m ³ R 1899073=0					
(27) S/F placing Hy 30 bar Reinforce					
26.0					
in super structure ----- all complete					
6337.80 kg vide TMB item (2) PH - 39					
+ 2422.35 kg vide TMB item (4) PH - 40					
+ 12675.60 kg vide TMB item (6) PH - 40					
+ 4844.70 kg vide TMB item (8) PH - 41					
+ 6337.80 kg vide TMB item (10) PH - 41					
+ 2422.35 kg vide TMB item (12) PH - 42					
35040.60 kg or 35.04 m ³					
Limit 34.996 m ³					
Continuation					
Limit 34.996 m ³					COR 25195962=0

Continuation