

Construction of High Level R.C.C Bridge in Palace
of Damaged bridge In Mizapur To Baginpur
Bhokra
Schedule XLV-Form No. 134
(NABARD)

कार्यपालक अभियंता
राज्य कार्य विभाग
काठमाडौं, नेपाल

DIVISION

Mathaura.

SUB-DIVISION

M/S ALOK KUMAR
MEASUREMENT BOOK

976

2nd on A/C Bill

7

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Construction of H. L. Bridge					
in place at Damage Bridge in					
Mirzapur to Bagaitpur Bhoraha					
MMWS Road under Morhaura Block					
Agency: Dist. - Chapra					
Agency: M/s Alok Kumar					
Agreement No. - 11/NABARD/SBO/2023-24					
Date of Commence - 01.12.2023					
Date of Completion - 30.11.2024					
Date of Measurement -					
① E/W in excavation in foundation					
do - do - all complete job					
2 x 9.200 x 5.600 x 2.470 = 254.51 m ³					
② PCC & Laying of PCC M/S Levelling					
Course - do - do - all complete job					
2 x 8.900 x 5.300 x 0.180 = 9.434 m ³					
③ S.F.P HYSD bar reinforcement in					
Foundation - do - do - all complete job					
Abutment Pile cap (A-1)					
C1 20mm Ø - 69 x 7.290 = 503.01 m					
@ 2.47 kg/m					1242.43 kg
C2 16mm Ø - 58 x 7.350 = 426.30 m					
@ 1.58 kg/m					673.55 kg
C3					
C4					
C5					
C6					
C7					
C8					
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C100					

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F		1915.98 kg
C ₃ 20mm Ø - 41 x 10.890 = 446.49m					
		@ 2.47 kg/m			1102.83 kg
C ₄ 16mm Ø - 34 x 10.95m = 372.30m					
		@ 1.58 kg/m			538.23 kg
C ₅ 16mm Ø - 4 x 27.130m = 108.52m					
Lap - 8 x 0.800m = 6.400m					
			114.92m		181.57 kg
		@ 1.58 kg/m			3788.61 kg
					3.789 mt
④ S.F.P HYSD bar reinforcement in					
Sub-structure - do - all complete job					
Abutment shaft (A1)					

b ₁ - 20mm Ø - 56 x 5.800 = 324.800m					
		@ 2.47 kg/m			802.26 kg
b ₂ - 12mm Ø - 67 x 5.800 = 388.60m					
b ₃ - 12mm Ø - 14 x 5.800 = 81.20m					
			469.80m		
		@ 0.89 kg/m			418.12 kg
b ₁₂ - 16mm Ø - 19 x 7.770 = 147.63m					
		@ 1.58 kg/m			233.26 kg
b ₁₃ - 12mm Ø - 19 x 7.770 = 147.63m					
		@ 0.89 kg/m			131.39 kg
					1585.03 kg
					1.585 mt
					26.05
⑤ RCC 35" in pile cap & foundation					
do - do - all complete job					
Abutment pile cap					
A1 -	1 x	8.700 x 5.100 x 1.800			79.866 m ³

Continuation

30.05.24

<u>Abstract of Cost</u>			
<u>2nd on A/C 3/1/11</u>			
1/1	Excavation in foundation		
	— d — d — all complete job		
p-07,	254.51 m ³ @ Rs 186.85 / m ³		47,555.00
2/2	Pro & laying pcc in levelling course		
	— d — d — all complete job		
p-07	9.434 m ³ @ Rs 9.43 m ³		
	@ Rs 7566.42 / m ³		71,351.00
3/3	Pro RCC masonry pile cap in foundation		
	— d — d — all complete job		
p-8.	79.866 m ³		
p-10-	79.866 m ³		

159.732 m² $\times$ 2.4 m² = 159.73 m²
 CR 8734-57/m² — R 13,95,733.00
 C.O.R 15,14,079.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F	124	30,586.00
8/10 S.F.P HYSD bar reinforcement in					
Sub-structure - do - do - all complete job					
P-8	1.585 mt				
P-9	1.585 mt				
P-10	1.104 mt				
	4.274 mt @	80446.30/mt			3,43,830.00
9/ Construction Embankment in Division					
- do - do - all complete job					
P-05	1416.00 m ³ @	263.82/m ³			3,73,668.00
10/ Construction G.S. Bgr 1 in Division					
- do - do - all complete job					
P-05	45.56 m ³ @	3666.78/m ³			1,67,058.00
11/28 Paving RCC N.P. 4 100 mm					
H.P - do - do - all complete job					
P-05	75.00 m @	7825.82/mt			5,86,937.00
12/29 Carrying out confirmatory boring					
- do - do - all complete job					
P-05	02 Nos @	1,00,000.00 each			2,00,000.00
				141	02,079.00
Add labour @ 1%					1,41,021.00
Add C.S.T @ 18%					25,38,374.00
Add Sigin/over Fee @					1,68,124.00
Continuation R					169,49,598.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F.B	169,	49,598.00
Less - 0.91% Below Rate			(-)	1,	54,241.00
			P	167,	95,357.00
Less Pri'r'lous Payments			(-) 134,	73,718.00	
			R	33,	21,639.00
Total from Change Log 29106.24 ATC					