

2nd on A/C Bill

Sch. XLV-Form No.134 **15**

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Const. of Rcc Bridgetiy					
Over river at pakoriya Ghat					
On PWD Narayan chauk to					
Pakoriya Ghat Road.					
Agency - AB Buildcon,					
Agg. No - 06/SBD/2024-25					
Date of work start - 13.08.2024					
Date of completion - 12.08.2025					
<u>work Done</u>					
<u>Pier-2 cap</u>					
① Dismantling of exist. pier cap					
Pile length.					
6x 0.7857x 1.44x 1.00 = 6.789					
② Sand filling in found ⁿ					
1x 8.900x 5.300x 0.100 = 4.717 m ³					
③ S/F & placing HYSD bar reindor-					
Cement in found ⁿ					
8mm ϕ - 34x 8.55x 0.400 = 116.280					
8mm ϕ - 58x 4.95x 0.400 = 114.840					
231.120					
bar for pile - 6x 14x 1.027x 0.400 = 34.507					
196.613 kg					
or 0.1966 MT					
④ P/V PCC M-15 in open found ⁿ					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ Levelling course	1X	8.900	5.300	0.100	4.717 m ³
⑤ S/F & placing HYSD bar reinforcement in foundn					
Top & Bottom, main & Dist. bar.					
16 mm ϕ - 2X	34	10.950	X	1.58	= 1176.468
16 mm ϕ - 2X	58	7.350	X	1.58	= 1347.108
28 mm bottom at band - 3X	9	7.350	X	4.83	= 958.514
20 mm top at band - 3X	9	7.350	X	2.47	= 490.172
10 mm ϕ around bars	10	27	X	0.62	0 = 167.400
					4139.662 kg
				or	4.1397 MT
⑥ S/F & placing HYSD bar reinforcement in sub/s					
Saf 28 mm ϕ - 31X	12.280	X	4.830	=	1838.684
Less Pier 1 - 31X	2.360	X	4.830	=	353.363
					1485.321
				or	1.4853 mt
⑦ P/V RCC M-35 in pile cap	1X	8.700	5.100	X	1.800 = 79.866 m ³
⑧					
⑨					
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Abutment 1 Saf (A)

① S/F & placing HYSD bar reinforcement in sub/s

Continuation

Particulars	Details of actual measurement				Contents of area	
	No.	L.	B.	D.		
Stirrups -	2	11	10.41	0.62	141.992	
Link -	29	11	1.22	0.62	241.292	
R.Wall H. earth Face 16mm	2	24	2.72	1.58	206.285	
+ River face -	2	24	2.72	0.89	116.198	
					705.767 m ³	
				or	0.7058 mt	
② P/V RCC M-30 in abut. & pier						
Saft -						
Abut. Saft -	1	8.45	$\frac{1.30+0.90}{2}$	1.95	18.125	
R. Wall -	2	1.90	0.45	1.95	3.335	
					18.125 m ³	
					05.10.24	
Pier 1 Saft (PD)						
Stirrups 10mm -	1	32.00	5.606	0.62	111.223	
				or	0.1112 mt	
① S/P & placing HYSD bar reinforcement						
Cement in sub/s -						
stirrups 10mm -	1	32.00	5.606	0.62	111.223	
				or	0.1112 mt	
② P/V RCC M-30 in abut & pier						
Saft -						
4605m -	1	0.7857	1.80	1.80	4.05	10.3104
						05.10.24
						G.B.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Pier & Saff (P2)</u>					
① S/F & placing HYSD bar reinforcement in sub/s					
Stirrups 10 mm	1X	64	5.606	0.620	222.446 kg
				08	0.2224 m
② P/V REC M-30 in abut. & pier					
Saff					111.553
upto 5m	1X	0.7857	1.80	1.80	5.00 = 12.728 m ³
5m to 10m	1X	0.7857	1.80	1.80	2.85 = 7.255 m ³
					0.1115 m ³
					111.553

<u>Abut. 1 Cap (A1 cap)</u>					
① S/F & placing HYSD bar reinforcement in sub/s					
Top & bottom H. bar 12 mm ϕ	1X	16	8.970	0.890	127.733
Earth & River side H. bar 12 mm ϕ	1X	4	10.410	0.890	37.060
Stirrups 12 mm ϕ	1X	57	4.329	0.890	219.610
M2 8 mm	1X	4	2	6.90	0.390 = 21.528
M1 8 mm	1X	3	2	13.62	0.390 = 31.873
Dist Wall Earth & River side 12 mm	2X	57	3.957	0.890	401.477
Pedestal 12 mm ϕ	1X	3	6	2.412	0.890 = 38.64
12 mm ϕ	1X	3	9	2.162	0.890 = 51.953
Around 12 mm ϕ	1X	3	2	2.820	0.890 = 15.059
Abut. Register 25 mm ϕ	1X	4	8	3.490	3.850 = 429.968
25 mm ϕ	1X	4	6	4.100	3.850 = 378.840
Stirrups 12 mm ϕ	1X	4	10	3.920	0.890 = 139.552

Continuation

1893.293 kg

or 1.8933 mt

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
② P/V R.C.C. M-30 in abut. & pier saddle cap, ---					
Abut. saddle cap -	1x	8.45x0.150x	$\frac{0.60+0.75}{2}$		0.856
	1x	8.45x0.500x	$\frac{0.60+1.10}{2}$		3.591
	1x	8.45x0.900x	1.100		8.366
R.wall -	2x	$\frac{1.90+1.40}{2}$	0.450x0.500		0.743
	2x	1.900x0.450x	0.600		1.026
					14.582 m ²
11.10.24 S.B.					
Pile found 9					
① P/V & constructing one span service					
Road, ---	1x	18.750			18.750
Pier 3 (Pile)					
② S/P & placing HYSD bar reinforcement					
Cement					
main bar 25mm -	1x	21x26.925x	3.85		2176.886
Ring 10mm -	1x	169x3.499x	0.620		366.623
space 16mm -	1x	27x3.462x	1.58		147.689
					2691.200 kg
					2.6912 mt
③ P/V steel liner					
	1x	5.142x	1.200x8.000x	0.0471	1.421
④ P/V bored cast in situ R.C.C. M-35 grade					
Vertical pile, ---	1x	25.400			25.400 m

Continuation

12/10/24
S.B.Shubh
12/10/24
A.E.

Abstract of cost

Sch. XLV-Form No.134

20

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① E/W in excavation for found'm of structure					
339.891 m ³ Vide TMB P- (11)					
@ Rs 209.257/m ³ = Rs					71122.00
② P/W & constructing one span service road					
37.500 m Vide TMB P- (11)					
18.750 m Vide TMB P- (19)					
56.250 m @ Rs 4379.94/m ² = Rs					246372.00
③ P/W steel lines					
24.504 mt Vide TMB P- (11)					
1.421 mt Vide TMB P- (19)					
25.925 mt @ Rs 104129.80/mt = Rs					2699565.00
④ P/W bored cast in situ M35 grade vertical pile					
499.200 m Vide TMB P- (12)					
25.400 m Vide TMB P- (19)					
524.600 m @ Rs 19891.20/m = Rs					10434924.00
⑤ Dismantling of existing extra pile length					
13.578 m ³ Vide TMB P- (12)					
6.789 m ³ Vide TMB P- (15)					
20.367 m ³ @ Rs 1596.85/m ³ = Rs					32523.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ Sand filling in sand n,					
9.461 m ³ Vide TM B P - (12)					
4.717 m ³ Vide TM B P - (15)					
14.178 m ³ @ Rs 1054.92/m ³ = Rs 14957.01					
⑦ P/v RCC M-15 in levelling course					
9.461 m ³ Vide TM B P - (12)					
4.717 m ³ Vide TM B P - (15)					
14.178 m ³ @ Rs 8985.05/m ³ = Rs 127390.00					
⑧ P/v RCC M-35 in pile cap					
160.191 m ³ Vide TM B P - (12)					
79.866 m ³ Vide TM B P - (16)					
240.057 m ³ @ Rs 10411.33/m ³ = Rs 2499313.00					
⑨ S/F & placing HYSD bars reinforcement in foundation					
65.181 mt Vide TM B P - (13)					
0.1966 mt Vide TM B P - (15)					
4.1397 mt Vide TM B P - (16)					
2.6912 mt Vide TM B P - (19)					
72.2086 mt @ Rs 76647.02/mt = Rs 5534574.00					
⑩ P/v RCC M-30 in abut. & pier S&T & cap up to 5m					
18.125 m ³ Vide TM B P - (17)					
10.310 m ³ Vide TM B P - (17)					
12.728 m ³ Vide TM B P - (18)					
14.582 m ³ Vide TM B P - (19)					
55.745 m ³ @ Rs 10732.32/m ³ = Rs 598255.00					

Continuation

Rs 598255.00
598273.01

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) P/V Rec M-30 abed. & pier					
(17) soft & cap					
Beyond station					
7.255 m ³ Vide TM B P - (18)					
@ Rs 10902.44/m ³ = Rs 79097.00					
(12/25) s/p & placing HYSD bar in					
formwork in sub/s					
4.3527 mt Vide TM B P - (13)					
1.4853 mt Vide TM B P - (16)					
0.7058 mt Vide TM B P - (17)					
0.1112 mt Vide TM B P - (17)					
0.2224 mt Vide TM B P - (18)					
1.8933 mt Vide TM B P - (18)					
8.7707 mt @ Rs 76868.90/mt = Rs 674194.00					
					Rs 23012304.00
Add Labour cess @ 1% = Rs 230123.00					
Add GST @ 18% = Rs 4142215.00					
Add S Fee Previous Bill = Rs 118707.00					
Add S Fee This Bill = Rs 19038.00					
					Rs 27522387.00
Less below @ 1.33% = (-) Rs 366048.00					
					Rs 27156339.00
Less previous Bill payment = (-) Rs 23402917.00					
					Rs 3753422.00
12/10/24 S.F.					
12/10/24 AE.					