

7th on A/C Bill

Sch. XLV-Form No.134

80

Seri. REV. FORM NO. 1					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Const. of R.C.C. Bridge over					
tiger river at Pakniyabhat on					
PWD Namayam Chowk to Pakniyabhat					
road under 'NABARD'					
Agency - AB buildcon					
App. No. 06/MBD/2024-25					
Date of work start - 13.08.2024					
Date of completion - 12.08.2025					

Work Done

Super Structure (R2 top 4)

T Beam Slab

① S/F & placing HYSD bar reinforcement

① 12mm φ - 91x	7.252	x 0.890	=	522.797
② 12mm φ - 88x	5.300	x 0.890	=	415.096
③ 12mm φ - 84x	5.300	x 0.890	=	396.228
④ 16mm φ - 176x	2.325	x 1.580	=	646.536
⑤ 8mm φ - 156x	1.850	x 0.400	=	115.440
⑥ 8mm φ - 22x	19.600	x 0.400	=	172.480
⑦ 8mm φ - 24x	19.512	x 0.400	=	187.315
⑧ 8mm φ - 24x	19.270	x 0.400	=	184.992
⑨ 8mm φ - 10x	19.270	x 0.400	=	77.080
⑩ 8mm φ - 10x	19.270	x 0.400	=	77.080
⑪ 8mm φ - 16x	1.700	x 0.400	=	10.880
⑫ 8mm φ - 8x	19.270	x 0.400	=	10.880
⑬ 8mm φ - 130x	1.656	x 0.400	=	61.664
⑭ 8mm φ - 130x	1.656	x 0.400	=	61.664

Add 5% extra lap & wastage

Continuation

2953.700 kg
147.668 kg
3101.368 kg
or 3.1014 mt

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
② P/V RCC M-30 concrete in s/s.					
P2 to P4					
Main Girder -	3X	19.320	0.300	0.100	1.739
	6X	0.750	0.125	0.100	0.056
	6X	0.410	0.250	0.100	0.062
Kunch -	$\frac{1}{2}$ X	19.320	0.100	0.100	0.386
Gas Girder -	4X	0.90	0.250	0.100	0.440
Deep slab -	2X	19.320	1.575	$\frac{0.225+0.100}{2}$	11.411
	1X	19.320	5.300	0.215	22.015
	2X	19.320	$\frac{0.475+0.450}{2}$	0.275	4.915
					41.024 m ³

③ P/V drainage spout.

④ P/V RCC M-30 in sub/s.

P3 & P4 - 6X 0.850X0.600X0.2212 = 0.676 m³

⑤ P/V elastomeric bearing & resinic fluid.

P3 to P4 - 6X 55.60X 30.00X 7.900 = 78210.00 cm³

10.04.2015
J.E.

10.4.25
A.E.

Super Structure (P3 to P4)

Main Girder

P1 28mmφ 18X 20.460X 4.830 = 1778.792

P2 28mmφ 10X 20.460X 4.830 = 998.218

P3 28mmφ 6X 21.928X 4.830 = 635.473

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
c ₃ 20mmφ - 8x 7.00x 2.460 ~					103.320
d ₄ 10mmφ - 24x 2.930x 0.620 ~					43.688
d ₂ 10mmφ - 44x 5.502x 0.620 ~					152.004
e ₉ 6mmφ - 24x 5.250x 0.220 ~					27.720
8 6mmφ - 16x 2.930x 0.220 ~					10.314
					3551.454 kg
q ₁₁ 81.50 for lap & wastage =					427.577 kg
					8979.026 kg
					or 8.9790 mt

⑤ P/V REC M-30 concrete in/s.....

P3 to P4

Main Girder - 3x 19.320x 0.550x 0.210 = 6.694

3x 19.320x 0.300x 1.225 = 21.300

6x 0.750x 0.125x 1.225 = 0.689

6x 0.410x 0.280x 1.610 = 0.990

Gross Slab - 4x 4.40x 0.250x 0.960 = 4.224

36.976 m³

01.05.2015
S.F.

1.5.25
A.E.

① S/F & Placing HYSD bar reinforcement in sub/s.....

Return Wall - 2x 2x 10x 3.520x 1.58 = 222.464

2x 2x 2x 4.320x 1.58 = 54.605

2x 2x 10x 3.520x 0.890 = 125.312

Continuation

402.381 kg

Abstract of cost

Sch. XLV-Form No.134

86

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1/2) Pile load test (initial/routine)....					
2124.00 mt vide TMS P - (79)					
@ Rs 300.00/mt = Rs					637200.00
(2/3) Pile load test (lateral) -					
38.20 mt vide TMS P - (79)					
@ Rs 5000.00/mt = Rs					191000.00
(3/5) E/w in excavation of foundm.					
679.78 m ³ vide TMS P - (79)					
@ Rs 269.25/m ³ = Rs					182244.00
(4/7) P/v & constructing one span service					
93.75 m vide TMS P - (79)					
@ Rs 4379.94/m = Rs					410619.00
(5/8) P/v steel liner -					
49.009 mt vide TMS P - (79)					
@ Rs 104129.80/mt = Rs					5103297.00
(6/9) Bored cast-in-situ M35 grade					
Vertical pile -					
987.60 m vide TMS P - (79)					
@ Rs 19891.20/m = Rs					19644549.00
(7/10) Dismantling of existing extra					
Pile length -					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
40.734 m ³ Vide TM B P - (74)					
@ Rs 1596.85/m ³ = Rs					65046.00
(11) Sand filling in sand.....					
28.356 m ³ Vide TM B P - (75)					
@ Rs 1054.92/m ³ = Rs					29913.00
(12) P/V PCC M-15 in levelling course.....					
28.356 m ³ Vide TM B P - (75)					
@ Rs 8985.05/m ³ = Rs					254780.00
(13) P/V PCC M-25 in pile cap.....					
980.110 m ³ Vide TM B P - (75)					
(14) S/F & placing HYSD bar reinforcement in ground.....					
137.9398 mt Vide TM B P - (75)					
@ Rs 76647.02/mt = Rs					10572675.00
(12.17400) P/V RCC M-30 in slab.....					
(5m to 10m)					
73.202 m ³ Vide TM B P - (75)					
0.676 m ³ Vide TM B P - (81)					
10.934 m ³ Vide TM B P - (89)					
84.812 m ³					
@ Rs 10902.44/m ³ = Rs					892910.00
At 2.912 m ³ for upto 500					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12/1415) p/v RCC M-20 in sub/s... (up to 5m)					
114.584 m ³ Vide TMA P- (75)					
3.335 m ³ Vide TMA P- (17)					
3.335 m ³ Vide TMA P- (42)					
20.712 m ³ Vide TMA P- (84)					
2.912 m ³ Vide TMA P- (67)					
144.371 m ³ Limit = 144.370 m ³					
@ Rs 10732.32/m ³ ; Rs 1549428.00					
(19/21) s/f & Siting elastomeric bearing & seg nut pad.					
312890.00 m ² Vide TMA P- (76)					
391450.00 m ² @ Rs 1.00/m ² = Rs 391050.00					
(15/22) p/v Neep holes					
44.00 Nos Vide TMA P- (76)					
8.00 Nos Vide TMA P- (84)					
52.00 Nos @ Rs 154.19/m ² ; Rs 8018.00					
(18/23) s/f & placing HYSD bar & concrete Count in sub/s.					
36.4404 mt Vide TMA P- (76)					
1.7041 mt Vide TMA P- (84)					
38.1445 mt @ Rs 76868.90/mt = Rs 2932126.00					
(17/24) Back Silling behind abut.					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
90.234 m ³ Vide TM B P- (76)					
55.245 m ³ Vide TM B P- (85)					
145.479 m ³ @ Rs 1529.10/m ³ = Rs					222452.00
(18/27) Put length of 1 form etc.					
39.249 m ³ Vide TM B P- (76)					
24.030 m ³ Vide TM B P- (85)					
63.279 m ³ @ Rs 5048.27/m ³ = Rs					319449.00
(19/27) P/V RCC M-30 in s/s (5m to 10m)					
270.980 m ³ Vide TM B P- (76)					
41.024 m ³ Vide TM B P- (81)					
36.976 m ³ Vide TM B P- (83)					
(20/28) s/s & placing of 150 bars conform					
cost in s/s -					
45.2198 mt Vide TM B P- (77)					
3.1014 mt Vide TM B P- (80)					
8.979 mt Vide TM B P- (83)					
57.3002 mt @ Rs 77090.60/mt = Rs					4417307.00
(21/31) P/V Drainage Spout.					
18.00 Nos Vide TM B P- (77)					
6.00 Nos Vide TM B P- (81)					
24.00 Nos @ Rs 6174.34/Nos = Rs					148184.00
(22/30) Cost of comb with material					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
obtained from borrow pits.					
3290.00 m ³ vide TMC P - (85)					
@ Rs 211.39/m ³ = Rs					684904.00
					Rs 57720756.00
Add labour cess @ 1% =					Rs 577208.00
Add GST @ 18% =					Rs 10389736.00
Add S Fee =					Rs 345501.00
					Rs 69033201.00
less below @ 1.33% =					Rs 918142.00
					Rs 68115059.00
less previous bill payment =					Rs 64101059.00
					Rs 4014000.00

~~Rs 8.05.25~~
~~5.25~~
~~8.5.25~~
~~A.E.~~
 C.P.
 13/05/25
 E.P.