

२१०५ मीमी - ३०१०/५ मिमी ११५५ ३०

Schedule XLV-Form No. 134

Executive Engineer

R.W.D. Works Division

Darbhanga-1

DIVISION

Bahadurpur

SUB-DIVISION

M.B.M. 3557

Measurement Book

CONSTRUCTION OF RCC BRIDGE AT PINGI ROAD NEAR
PINGI IN PANCHAYAT DARBARA.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:- Construction of R.C.C. Bridge					
at Dngi Road thru Near Dngi					
in Pondhagat Baruna including					
Five yrs Maintenance Work.					
(L=20.23 M)					
Name of agency:- Thakur Construction Pvt. Ltd.					
Agreement No. :- 23 SBD/2020-21.					
(STATE SCHEME)					
Estimated Cost:- Rs. 1,46,56,425=00					
Agreement Value:- Rs. 1,23,12,862=00.					
Rate:- 15.99% below from B.O. rate.					
Date of start:- 28.06.2020.					
Date of Completion:- 27.12.2021.					

Date of entry:- 18.03.2021.

① Reinforcement
in pile cap. of
Abutment 1+2 = Two Nos.
2 Nos of Abutments.
16mm ϕ

Top Bar L/Direction.	11.684 M x 34 Nos x 2	794.512 M.
16mm ϕ Transverse.	8.084 M x 58 Nos x 2	937.744 M.
Bottom Main. 25mm ϕ	11.684 M x 34 Nos x 2	794.512 M.
25mm ϕ Dist.	8.084 M x 58 Nos x 2	937.744 M.
20mm ϕ Side face L/Direction.	5.910 M x 12 Nos x 2	141.84 M
"	9.550 M x 12 Nos x 2	229.20 M.
20mm ϕ E/Face	6.108 M x 68 Nos x 2	830.688 M.
20mm ϕ R/Face.	6.108 M x 68 Nos x 2	830.688 M.
25mm ϕ Main bar side Face.	6.108 M x 16 Nos x 2	195.456 M.
R/Wall. 16mm.	5.750 M x 68 Nos x 2	690.000 M.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
②	25 mm ϕ		20 mm ϕ		16 mm ϕ
	434	512 M.	141.84 M.		434.512 M.
	337	744	229.20		337.744
	135	456	830.608		690.00
			830.608		
	1927.712 M.		2032.416		2422.256 M.
	(a)		(b)		(c)
(a)	25 mm ϕ				
	1927.712 M				
	② 3.851 kg/m				= 7423.6218
(b)	20 mm ϕ				
	2032.416 M				
	② 2.465 kg/m				= 5009.91 kg
(c)	16 mm ϕ				

	2422.256 M		
	② 1.578 kg/m		= 3822.32 kg
	Total (a+b+c)		16,255.85 kg
			Say 16.256 t.

②	Earthwork excavation in found ⁿ trenches		
Abutment.	2 x 9.70 x 6.10 x 2.30 =		272.18 m ³

③	levelling course for pile		
	Cap M/5		
Abutment.	2 x 9.00 x 5.40 x 0.15 =		14.58 m ³

④	pile Cap M/30		
Abutment.	2 x 8.70 x 5.10 x 1.80 =		159.732 m ³

18/3/21
 18.03.2021
 85

2ND ON A/C BILL

8

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	<u>ABSTRACT OF COST.</u>				
①	Dismantling of brick masonry - do do				
	V.P. $\frac{3}{1}$	30.18 m ³			
	@ Rs. 242.352/m ³				Rs. 7,399.00
②	Removal and dismantling of Hempire				
	V.P. $\frac{3}{2}$	20 M.			
	@ Rs. 236.337/m				Rs. 4,727.00
③	Lage of Niband Board				
	V.P. $\frac{3}{3}$	, No.			
	@ Rs. 7,500.00 each				Rs. 7,500.00
④	Citizen Information				
	Board - do do				
	V.P. $\frac{3}{4}$	1 No			
	@ Rs. 9,500.00 each				Rs. 9,500.00
⑤	Reinforcement in found ⁿ				
	V.P. $\frac{3}{5}$	26.125 t			
	V.P. $\frac{7}{1}$	16.256 t.			
		42.381 t.			
	Limit for found ⁿ				
		40.093 t.			
	@ Rs. 53865 = 918/t				Rs. 21,63,656.00
⑥	Board Cast-in-Situ M35				
	grade RCC in place				
	12mm ϕ				
	V.P. $\frac{3}{6}$	240.00 M			
	@ Rs. 12599 = 893/m				Rs. 30,23,974.00
	L.O. Rs. 52,17,156.00				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				15.2	Rs. 52,156.00
(2) Earthwork excavation					
12' found + trench of 12'					
V.P. 7		272.18 m ²			
(2) Rs. 224 = 725/m ²					Rs. 80,218.00
(3) Levelling course for pile cap					
M15.					
V.P. 7		14.58 m ²			
(3) Rs. 5489 = 724/m ²					Rs. 80,040.00
(4) Acc. pile cap M-20.					
V.P. 7		153.732 m ²			
(4) Rs. 6626 = 897/m ²					Rs. 10,58,528.00
					Rs. 64,35,942.00
Add. G.S.T. 10%.					Rs. 7,72,313.00

	Add. Labour cost 1%	Rs. 64,359.00
Page - 10.	Add. Sargam fee. current.	Rs. 10,046.00
	Add. Sargam fee	
	W/d Page 4	
	(Back A, 11)	Rs. 14,541.00
		Rs. 72,97,201.00
Less.	15.99% as per agreement	Rs. 11,66,822.00
		Rs. 61,30,379.00
Less against Paid V.		Rs. 42,597.00
		Rs. 42,49,342.00
		Rs. 18,81,037.00

18.03.21
18.03.21

18/3/21

cash

18/3/21

AC