

Construction of RCC HL Bridge span 3x16.50m at
Ch - 1+900 km in PMAS Road to Dubaha Tola.

Schedule XLV-Form No. 134

M/S Jai Bhawanji Engineering Pvt Ltd.

Executive Engineer
RWD (W) Div., Bagha-2

DIVISION

MHGSY (NDB)

Bhitaha.

SUB-DIVISION

MEASUREMENT BOOK

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work :-	Construction of RCC HL				
	Bridge at CH 1+700 km in				
	PMUAY Road to Dubaha Tola.				
Block :-	Bhetaha				
Agency :-	M/s Jai Bhavani Eng'con				
	Pvt. Ltd. Ward no. - 26,				
	Adarsh Colony, Near MSR				
	College, Bettich, W/ Champam				
Aggrement No. -	7SBD/MMUAY NOB/2024-				
	95.				
Date of start :-	21.11.2024				

Time of completion :-	20.11.2025			
Date of measurement :-	05/03/25			
Details of work done :-				
(2/73) S/F/P + YSD bar reinforcement				
in sub-structure etc all				
Complete Job.				
Abutment A1 & A2				
Link bar to tie bar ver bar to Abutment @ 12φ @ 300/c	$2 \times 349 \times 1.224 \times 0.891 \text{ m} = 797.64 \text{ kg}$ $= 398.82$			
Dist. bar on earth face 12φ @ 150/c	$2 \times 22 \times 8.95 \times 0.891 \text{ m} = 350.48 \text{ kg}$			
Dist. bar opp to earth face 12φ @ 150/c	$2 \times 22 \times 8.95 \times 0.891 \text{ m} = 350.48 \text{ kg}$			

Continuation

2nd on A/c Bill

Abstract of work

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:-	Construction of RCC PCC				
	Bridge at CH 21900 km in				
	PMGSY Road to Dabala Tola				
Block :-	Bhatla				
Agency :-	M/s Jai Bhawan Engineering				
	Pvt Ltd., Ward no. - 26,				
	Adarsh Colony, W/Champaran				
Apparent :-	07	SBD/PMGSY NDB/2024			
		-95			
Date of start :-	21/11/2024				
Time of Completion :-	20/11/2025				

①/52	E/W in excavation for structure as per drawing & Technical Specification		
VTMBP (21)	Item No - ① = 853.73 m ³		
@ Rs 434.82/m ³	= Rs	371101.20	
②/52	Providing and laying PCC in leveling course below pile cap		
VTMBP (22)	Item NO ② = 95.27 m ³		
@ Rs 9627.86/m ³	= Rs	2432762.00	
	C.O = Rs	614377.20	
/			

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F	RS	614379200
(64) RCC grade M35 in Pile foundations etc all					
Complete Job					
VTMBP (30) Item No (3) =					432.21m ³
@ RS 10975.55/m ³ = RS					4752387200
(65) Board in cast-in situ					
M35 grade RCC pile					
exclusive reinforcement					
VTMBP (30) Item No (4) =					696 mtr
@ RS 296310.82/m ³ = RS					2062374720
(66) S/F/P HYSD bar reinforcement in foundation complete as per drawing & technical specification etc all					
Complete Job					
VTMBP (32) Item No (3) =					101.42MT
@ RS 767571.23/MT = RS					7784718200
(67) Providing steel ties 6 mm thick etc all complete Job					
VTMBP (33) Item No (3) =					15.987MT
@ RS 108050.22/MT = RS					1727399200
(68) Carrying pile load test					
(9) Initial load test					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			BF = 3,5502,62		
VTMBP (30)	Item No (7)	= 1 No			
@ Rs 1,50,000/-					1,50,000 =
8/67	Carrying out load test on any pile as per standard procedure				
	(b) Routine pile load test				
VTMBP (34)	Item No (8)	= 1 No			
@ Rs 1,25,000 /- / Nos = Rs					1,25,000 =
9/30	Carrying out Horizontal pile load test				
VTMBP (34)	Item No (9)	= 1 No			
@ Rs 1,00,000 /- = Rs					1,00,000 =
10/71	RCC grade M 30 in Sub structure complete as per Drawing				
VTMBP (40)	Item No (1)	= 7752 m ³			
VTMBP (45)	Item No. (1)	= 67.2245 m ³			
		144.7445 m ³			
@ Rs 10855.63 / m ³					Rs 157129320
11/22	S/F/P HYSD bar reinforcement in sub-structure etc. all complete Job.				
VTMBP (34)	Item No (1)	= 5.7779 MT			
VTMBP (40)	Item No (1)	= 3.21008 MT			
VTMBP (44)	Item No (1)	= 14.196491 MT			
Continuation 23.178501 MT					
00 = Rs 3,74,48,920 =					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F = Rs 3,74,48,942.00		
			@ Rs 76984.24/MT = Rs 17843912.00		
(12/99) Providing & Fixing logo of Project Information board					
VTMBP (20) Item No (11) = 1 Nos					
@ Rs 13123.24 each = Rs 13123.24					
(13/102) Construction of embankment with approved material					
VTMBP (25) Item No (12) = 1440.00 m ³					
@ Rs 259.21/m ³ = Rs 373982.24					
(14/103) Construction of Granular sub base by providing well graded material					
VTMBP (25) Item No (13) = 90.00 m ³					
@ Rs 4938.48/m ³ = Rs 4,44,463.20					
(14/104) Providing & laying R.C.C. pipe 150 mm dia in single row.					
VTMBP (25) Item No (14) = 30 m					
@ Rs 7964.89/m = Rs 2,38,946.70					
				Rs 4,03,03,827.20	
Add 1% Less				+ Rs 4,03,03,827.20	
Add SF of 1st MA (P.H.)				+ Rs 82,01,200.00	
VTMBP (36)					

Continuation

C.O = Rs 4,07,88,877.20

BF R) 4,07,88,87720

Continuation