

১১৫৭ খ/১১১ জোখাতি মফাতিয়া গম

Schedule XLV-Form No. 134

Executive Engineer

R.W.D. Works Division

Darbhanga-1

DIVISION

Bahadurpur

SUB-DIVISION

M.D No. 3556

Measurement Book

CONSTRUCTION OF RCC BRIDGE AT PINGI-SONKI ROAD
NEAR PINGI(WEST) IN PANCHAYAT BARHARA.

Name of Work: - Construction of R.C.C. Bridge at Pingi-Sonki Road near Pingi (West) in Panchayat Baramulla, L: 20.29 M.

Name of Work: -

Situation of Work: - Block Achudpur.

Agency by which work is executed: - Thakur Construction Private Limited.

Date of Measurement: -

No. and date of agreement: - 22 SBD/2020-21.

(These four lines should be repeated at the commencement of the measurement relating to each work)

(STATE SCHEME)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Estimated Cost - Rs.	1,48,68,471:00.				
Agreement Value: - Rs.	1,24,83,515:00.				
Rate: - 16.00 % Below from B.O. & Rate.					
Date of entry: - 10.02.2021					
Date of start: - 28.06.2020					
Date of completion: - 27.12.2021.					
① Dismantling of existing structure -					
Deck Slab. 1x 4.20x 3.85x 0.30 =					3.84 m ³
Abutment C.P.F. 2x 3.05x 0.30x 0.20 =					0.85 "
R.C.C. 1x 14.00x 3.75x 0.19 =					9.98 "
" 1x 8.00x 3.75x 0.19 =					5.70 "
					20.37 m ³
② Dismantling of Existing Culverts like Culverts in measuring work.					
Abutment. 2x 4.00x $\frac{0.70+1.70}{2} \times 3.00 =$					25.20 m ³
③ Logo of Nabard board					1 No.
④ Citizen Information Board					1 No.
⑤ Reinforcement: 7N Abutment Pile					
Main Bar 25mm ϕ Vertical.					
22.450 Mx 22 Nos =					493.90 M.

FOR 12 Nos. of Pile

12 Nos x 493.90 M = 5926.80 M.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5.)	Continued.				
	INNER RING 20mm ϕ				
	3.521 M x 11 Nos =				38.841 M.
	FOR 12 Nos. of Pile				
	12 Nos x 38.841 M =				466.092 M
	OUTER RING 8mm ϕ				
	3.396 M x 134 Nos =				455.864 M.
	FOR 12 Nos of Pile				
	12 Nos x 455.864 M =				5460.768 M
25mm ϕ Main Vertical bar.		5926.80 M.			
	①	3.851 kg/M			= 22824.107 kg
20mm ϕ Inner bar.		466.092 M.			
	②	2.465 kg/M			= 1148.917.
8mm ϕ Outer bar.		5460.768 M.			
	③	0.394 kg/M			= 2151.542
					26124.566 kg.
					Say 26.125 t.
(6.)	Bored Cast. in-Situ				
	M35 Grade RCC in				
	pile 1200 mm ϕ				
	20.00 M x 6 Nos x 2 Sides =				240.00 M.
	10.02.2021 AE 10/02/2021 AE				

1st ON AC BILL

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
<u>ABSTRACT OF COST.</u>					
① Dismantling of existing structure and					
V.P. ①				20.37 m ³	
				Limit to 8.40 m ³	
				@ Rs. 1082.86/m ³	Rs. 9,096.00
② Dismantling of existing drains in masonry work and					
V.P. ②				25.20 m ³	
				Limit to 24.75 m ³	
				@ Rs. 2421.33/m ³	Rs. 5998.00
③ Logo of Mahanadi					
V.P. ③				1 No.	
				@ Rs. 7500.00 each	Rs. 7,500.00
④ Citizen Information board					
V.P. ④				1 No.	
				@ Rs. 9,500.00 each	Rs. 9,500.00
⑤ Reinforcement in foundation and					
V.P. ⑤				25.25 t.	
				@ Rs. 158,958.06/t	Rs. 4,096,540.00
⑥ Bored cast-in-situ M35 grade RCC pile 1200 mm dia.					
V.P. ⑥				240.00 m.	
				@ Rs. 12615.793/m	Rs. 3,027,790.00

Continuation @ Rs. 44,69,538.00

<u>Scrimmage Fee</u>	
① Bored Cast. in dia 135	
Conc Q = 240.00 m x $\frac{\pi}{4}$ x 120 x 1.00	
= 271.54 m ³	
34mm 448	97.754 m ³ x Rs 441 = 42911.7 = 33
40mm size	
20mm size	97.754 m ³ x Rs 550 = 53847.70
10mm size	48.877 m ³ x Rs 614.17 = 299018.70
Coarse Sand	122.123 m ³ x Rs 150 = 18318.45
	<u>Rs 145,410.61</u>
Vence, 10% Scrimmage fee	
= 10% x Rs 145,410.61	
	<u>= Rs 14,541.061</u>
	<u>Qty Rs 14,541.00</u>
<u>Subtotal</u>	
10/02/2017	

Continuation