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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 BARUARA.

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

Name of Work-✓

Situation of Work-At Block Bokedurpur.

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.	1,24,89,515				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 - done					
Deck Slab. 1x 4.20x 2.05x 0.30 =					3.84 m ³
Abutment (C.P.) 2x 8.05x 0.70x 0.20 =					0.85 "
P.C.C. 1x 14.00x 9.75x 0.19 =					9.98 "
" 1x 8.00x 3.35x 0.19 =					5.70 "
					20.34 m ³ .
② Dismantling of existing Culverts like Culverts in measuring work.					
Abutment. 2x 4.00x 0.70x 1.40 =					25.20 m ³
③ Logo of Nabard board					1 No.
④ Citizen Information Board					1 No.
⑤ Reinforcement in 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

1st ON A/C 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 d-d					
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 culverts in masonry work d-d					
V.P. ②				25.20 m ³	
Limit to				24.75 m ³	
				@ Rs. 242.353/m ³	Rs. 5,998.00
③ Laga of standard					
V.P. ③				1 No.	
				@ Rs. 7500.00 each	Rs. 7,500.00
④ C/H Gen Information board					
V.P. ④				1 No	
				@ Rs. 9,500.00 each	Rs. 9,500.00
⑤ Reinforcement in found ⁿ d-d					
V.P. ⑤				25.125 t.	
				@ Rs. 53,958.064/t.	Rs. 14,09,654.00
⑥ Bored cast-in-situ M35 grade RCC pile 1200 mm φ.					
V.P. ⑥				240.00 M.	
				@ Rs. 12615.793/m	Rs. 30,27,730.00

Continuation c.o. Rs. 44,69,538.00

Seigniorage Fee

① Bored Cast-in-situ M35

$$\text{Cone Q} = 240.00 \text{ M} \times \frac{\pi}{4} \times 1.20 \times 1.20$$

$$= 271.54 \text{ m}^3$$

Stone agg.

40 mm size.

$$97.754 \text{ m}^3 \times \text{Rs. } 441.08/\text{m}^3 \text{ Rs. } 43,117.33$$

20 mm size

$$97.754 \text{ m}^3 \times \text{Rs. } 550.85/\text{m}^3 \text{ Rs. } 53,847.79$$

10 mm size

$$48.877 \text{ m}^3 \times \text{Rs. } 614.17/\text{m}^3 \text{ Rs. } 30,018.79$$

Coarse Sand.

$$122.193 \text{ m}^3 \times \text{Rs. } 150.80/\text{m}^3 \text{ Rs. } 18,426.70$$

$$\text{Rs. } 1,45,410.61$$

Hence, 10% Seigniorage fee.

$$= 10\% \times \text{Rs. } 1,45,410.61$$

$$= \text{Rs. } 14,541.061$$

$$\text{Say Rs. } 14,541.00$$

~~10.02.2021~~
10.02.2021

10/02/2021
75

10/02/2021

Continuation