

JMD Engineering Const Pvt Ltd,
4 SED/22-23

Rec Bridge on Khagdi Tivasi Ghattho
Schedule XLV-Form No. 134(NDR)

JDM

KHAGARIA

DIVISION

KHAGARIA

SUB-DIVISION

MEASUREMENT BOOK

1150

Name to work—

Situation of work—

Agency by which work is executed—

Date of measurement—

No. and date of agreement.

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

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:- Construction of proposed					
H.L. RCC Bridge (9x24.75m)					
On Khagaria Bakhari p.w.d					
road Khagaria Tixari ghata to Tixari talga.					
Agreement no:- 04/SRD/2022-23					
Agency name:- JMD Engg & Const Pvt Ltd					
Date of commencement:- 11/10/2022					
Date of completion:- 11/04/2024					

1. Providing and laying cutting edge of mild steel J.B

Abutment - A,

$$1 \times 7.85 \times 3 \times 1.5 \times 902 = 0.706 \text{ mt}$$

110x110x10

$$1 \times 22.46 \text{ m} \times 16.53 \text{ kg/m} = 371.26 \text{ kg}$$

$$= 0.371 \text{ mt}$$

Stiffeners

$$120 \times 0.01 \times 0.006 = 0.01 \text{ mt}$$

$$= 1.087 \text{ mt}$$

2. Providing plain / reinforced -

Cement concrete in well foundation

well curb - 2-3

Abutment A,

Continuation

Abstract of cost

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Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. Providing and laying cutting edge of mild steel walking					
work to the side					
Qty vide item no (1) Page no. (1)					
					= 1.087 MT
					@ B. 74181 / MT = 80,635.00
Qty vide item no. (3) Page no. 2					
					= 1.035 MT
Qty vide item no (5) Page no 4					
					= 1.035 MT
Qty vide item no (5) Page no 6					
					= 1.035 MT
Qty vide item no (20) Page 8					
					= 1.035 MT
					= 4.14 MT
					@ B. 74181 / MT = 3,07,109.00
2. Providing Reinforced concrete					
in well foundation					
complete curb concrete 3.4					
Qty vide item no. (2) Page no (2)					
					= 49.55 m ³
					@ B. 7128.00 / m ³ = 3,53,192.00
Qty vide item no (4) Page no 2					
					= 32.03 m ³
Qty vide item no (9) Page no 4					
					= 32.03 m ³
Qty vide item no (16) Page no 6					
					= 32.03 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Qty. with item no. (21) Page 2					
					$\pm 32.03 \text{ m}^2$
					$= 128.12 \text{ m}^2$
					C.B. 7128.00 / 2 ϕ 2,13,239.00
3. Providing blm / reinforced					
Cement concrete in well					
Foundation - 1/2 m					
Steining wall					
Qty. with item no. (2) Page 2					
					$\pm 42.92 \text{ m}^3$
Qty. with item no. (3) Page 4					
					$\pm 42.92 \text{ m}^3$
Qty. with item no. (12) Page 5					
					$\pm 42.92 \text{ m}^3$
					$= 143.76 \text{ m}^3$
					C.B. 6572.00 / 3 ϕ 9,44,791.00
Qty. with item no. (4) Page 2					
					$\pm 36.20 \text{ m}^2$
Qty. with item no. (7) Page 3					
					$\pm 36.20 \text{ m}^2$
Qty. with item no. (9) Page 4					
					$\pm 36.20 \text{ m}^2$
Qty. with item no. (12) Page 5					
					$\pm 36.20 \text{ m}^2$
Qty. with item no. (6) Page 6					
					$\pm 108.60 \text{ m}^2$
Qty. with item no. (18) Page 7					

Continuation
 $= 72.40 \text{ m}^2$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty of item no. (21) Page 8					
					$= 72.40 \text{ m}^2$
Qty of item no. (23) Page 9					
					$= 108.60 \text{ m}^2$
Qty of item no. (25) Page 10					
					$= 72.40 \text{ m}^2$
Qty of item no. (24) Page 10					
					$= 72.40 \text{ m}^2$
					$= 65.60 \text{ m}^2$
					@ B. 6572.00 m ² 42,82,315.00
4. Sinking of 7m External diameter well (Obtention Pneumatic method Job)					
0 to 3.00 m					
Qty of item no. (5) Page 3					
					$= 3.00 \text{ m}$
					@ B. 20,639.00 m ³ 61,917.00
3 to 10.00 m					
Qty of item no. (5) Page 3					
					$= 2.00 \text{ m}$
Qty of item no. (10) Page 4					
					$= 2.00 \text{ m}$
Qty of item no. (13) Page 5					
					$= 2.00 \text{ m}$
					6.00 m
					@ B. 14,171.00 m ³ 85026.00
5. Sinking of 6m External					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Hammer well (better than Pneumatic method)					
@ 0 to 3.00m					
Qty vide item no. (6) Page 3					
				= 2.50m	
				@ 6730.00m	
0 to 30.00m					
Qty vide item no. (15) Page 5					
				= 2.50m	
Qty vide item no. (17) Page 7					
				= 2.50m	
Qty vide item no. (22) Page 89					
				= 2.50m	

				= 10.00m	
				@ 6730.00m	67,300.00m
300 to 10.00m					
Qty vide item no. 6(ii) Page 3					
				= 2.00m	
Qty vide item no. 11(i) Page 5					
				= 2.00m	
Qty vide item no. 14(i) Page 6					
				= 2.00m	
Qty vide item no. 14(ii) Page 7					
				= 4.00m	
Qty vide item no. 19(i) Page 7					
				= 4.00m	
Qty vide item no. 22(i) Page 9					
				= 4.00m	

Continuation

= 4.00m

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
8th vide item no. 24(i) Page 9					
				= 2.00 m	
8th vide item no. 26(ii) Page 10					
				= 2.00 m	
				= 22.00 m	
				@ R. 9771.50/m	2,14,962.50
10.00m to 20.00m					
8th vide item no. 17(iii) Page 7					
				= 2.00 m	
8th vide item no. 24(ii) Page 9					
				= 4.00 m	
8th vide item no. 26(i) Page 10					
				= 2.00 m	
8th vide item no. (18) Page 11					
				= 4.00 m	
				= 12.00 m	
				@ R. 12906.00/m	1,54,872.00
6, supplying fitting and blacing					
HYSR bar reinforcement in					
foundation complete job					
8th vide MB no.				Page no (3)	
				= 10.295 MT	
8th vide MB no.				Page no (5)	
				= 9.128 MT	
8th vide MB no.				Page no (7)	
				= 9.128 MT	
8th vide MB no.				Page no (9)	
				= 9.128 MT	
Continuation					
					= 9.128 MT

[illegible]

Continuation

~~Continuation~~
~~05/11/23~~
~~26/17/23~~