

GTHURNNA-BRIDGE

STATE SCHEME (NABARD)

Schedule XLV-Form No. 134

CONSTRUCTION OF RCC BRIDGE IN GTHURNNA PRIMARY ROAD
TO ADIWASI TOLA ROAD

R.W.D. Works

DIVISION

Kishanganj - I

R.W.D. Work SUB-DIVISION
Kochchikkanam 3485

MEASUREMENT BOOK

EAST INDIA CONSTRUCTION (P.R.O.)

Name of 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.	

1ST ON A/C BillName of work- construction of RCCBridge in Bihurna PMSY Road to
Adwasî Tola Road under State
Scheme (NABARD)Name of Agency- East India constructionAdd- Ward No-04 Panibagh KishanganjState - Bihar pin - 855108Agreement No - 30/SBD/NABARD/2023-24Date of commencement - 19-02-2024Date of completion - 18-02-2025Record EntryDIVERSION WORK(1) providing laying RCCNP3 Hume pipe - all comp-

$$5 \text{ nos} \times 3 \times 2.5 \text{ m} = 37.5 \text{ m}$$

(2) construction of embankment--- all complete

$$2 \times 30.0 \times 5.0 \times 3.0 (\text{m}^3) = 900.0 \text{ m}^3$$

(3) construction of GSSB embankment--- all complete

$$2 \times 30.0 \times 4.05 \times 0.150 = 36.45 \text{ m}^3$$

W
2024-02-0606.02.2024JBContinuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Yester 2nd on APC Bill					
Name of work	construction of RCC				
Bridge in Uthwara Panchayat Road to Adivasi Tola Road under State scheme (NABARD)					
Name of Agency	EAST India construction				
Add - Ward No-04	pani kishenganj				
State - Bihar	PIN - 855108				
Agreement No - 30 / SGD / NABARD / 2023-24					
Date of commencement -	19-02-2024				
Date of completion -	18-02-2025				
Record Entry					
(1) supplying, fitting & placing					
HSID bar reinforcement in sub-structure					
on complete					
Bracket					
10mm Ø - $2 \times 12 \times 8 \cdot 350 \times 0 \cdot 62 \text{ kg/m} = 124 \cdot 25 \text{ kg}$					
10mm Ø (Three layers) $2 \times 3 \times 36 \times 1 \cdot 70 \times 0 \cdot 62 \text{ kg/m} = 227 \cdot 66 \text{ kg}$					
12mm Ø - $2 \times 72 \times 2 \cdot 438 \times 0 \cdot 89 \text{ kg/m} = 312 \cdot 45 \text{ kg}$					
Return wall					
Binders (Earth face)					
10mm Ø - $4 \times 6 \times 7 \cdot 10 \times 0 \cdot 62 \text{ kg/m} = 105 \cdot 65 \text{ kg}$					
Binders (Outer face)					
10mm Ø - $4 \times 6 \times 7 \cdot 10 \times 0 \cdot 62 \text{ kg/m} = 105 \cdot 65 \text{ kg}$					
Add 5: 0.1. Loss & wastage					
Continuation					
				919.44 kg	
				0x, 0.92 MT	

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT OF COST					
(1) providing & laying RCC 23.0					
NP ₃ Hume pipe all complete					
37.50 m VTM ₃ PN - 10					
@ Rs 4638 = 70/m					Rs 173951=00
(2) construction of Embankment 21.0					
--- all complete					
900.0 m ³ VTM ₃ PN - 10					
@ Rs 259 = 10/m ³					Rs 233190=00
(3) construction of Irrangular 22.0					
Sub base - all complete					
36.45 m ³ VTM ₃ PN - 10					
@ Rs 3328 = 97/m ³					Rs 121341=00
(4) Dismantling of Existing 25.0					
Structure - all complete					
298.99 m ³ VTM ₃ PN - 10					
@ Rs 671 = 24/m ³					Rs 200694.=00
(5) Dismantling of Existing 26.0					
structure - all complete					
189.99 m ² VTM ₃ PN - 10					
@ Rs 312 = 99/m ²					Rs 59370=00
(6) E/W in Excavation for 2.0					
Structure - all complete					
880.35 m ³ VTM ₃ PN - 10					
@ Rs 427 = 69/m ³					Rs 375989=00
				C.Rs	1164535=00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					BF Rs 1164535=00
(7) providing pcc m 15 in 3.0 levelling course --					
all complete					
39.16 m ³ V TMB PN-11					
@ Rs 6915=08/m ³					Rs 270795=00
(8) providing RCC m 35 in 4.0 sub structure --					
all complete					
337.06 m ³ V TMB PN-11					
+ 26.54 m ³ V TMB PN-14					
363.60 m ³ @ Rs 9226=87/m ³ Rs 3354890=00					
(9) supplying, fitting & placing 5.0 Hy SD bars reinforcement					
in sub structure --					
all complete					
24.89 MT V TMB PN-11					
+ 0.92 MT V TMB PN-13					
25.81 MT @ Rs 80591=93/mT Rs 2080078=00					
(10) providing 100mm dia 6.0 weep holes - all complete					
96.0 NOS V TMB PN-11					
@ Rs 134=96/each					Rs 12956=00
(11) S/E & placing Hy SD bars 10.0 reinforcement in superstructure					
-- all complete					
8.84 MT V TMB PN-14					
@ Rs 82255=13/mT					Rs 727135=00

Continuation

C.O. RS 7610389=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	BFRS 7610389=00				
(12) providing & laying S.O filter media - oil complete					
130.67 m ³ VTMBS PN-15					
@ Rs 3566=36/m ³					Rs 466016=00
(13) providing & laying 7.0 triangular material in back filling - oil complete					
378.17 m ³ VTMBS PN-15					
@ Rs 991=04/m ³					Rs 374782=00
(14) providing RCC M35 in 9.0 superstructure - oil complete					
93.40 m ³ VTMBS PN-15					
@ Rs 9315=78/m ³					Rs 870094=00
(15) providing RCC M25 12.0 crash barriers - oil complete					
35.0 m VTMBS PN-15					
@ Rs 5870=37/m					Rs 205463=00
(16) p&f logo of NABARD 36.0 project - oil complete					
2.0 nos VTMBS PN-16					
@ Rs 7500=00/each					Rs 15000=00
(17) p&f of logo of citizen 37.0 information board - oil complete					
1.0 no VTMBS PN-16					
@ Rs 9500=00/each					Rs 9500=00

Continuation

C.O RS 9551244=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					13 FRs 95512.44=00
(18) providing drainage					
13.0					spout - all complete
					8.0 NOS VTMIS PN - 16
					@ RS 69.9=03/each
					RS 55.92=00
(19) providing RCC m15 in					
14.0					levelling course below
					approach slab - all complete
					8.87 m ³ VTMIS PN - 16
					@ RS 69.15=08/m ³
					RS 613.37=00
(20) clearing & grubbing Road					
24.0					land - all complete
					0.10 Ha VTMIS PN - 16
					@ RS 75.573=34/ha
					RS 755.7=00
(21) construction of Embankment					
27.0					lead up to 50m ---
					all complete
					534.74 m ³ VTMIS PN - 17
					@ RS 122.90/m ³
					RS 65720=00
(22) construction of embankment					
28.0					lead up to 100m ---
					all complete
					2436.03 m ³ VTMIS PN - 17
					@ RS 259.7100/m ³
					RS 631175=00
					C.O RS 10322625=00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					<u>B.F.Rs 10322625=00</u>
(23) providing RCC m ₃₀ in 15.0 Approach slab - all complete					
19.52 m ³ VTM13 PN - 18					
@ Rs 14145 = 46 /m ³					Rs 276119=00
(24) providing & laying strip 16.0 Seal expansion joint - all complete					
16.90 m. VTM13 PN - 18					
@ Rs 10754 = 81 /m					Rs 181756=00
(25) providing RCC m ₃₀ 11.0 Wearing coat all complete					
9.84 m ³ VTM13 PN - 18					
@ Rs 17530 = 01 /m ³					Rs 172495=00
(26) E/W m Excavation for 17.0 structure - all complete					
682.64 m ³ VTM13 PN - 18					
@ Rs 427 = 09 /m ³					Rs 291549=00
(27) providing PCC m ₂₀ in 20.0 curtain wall all complete					
140.73 m ³ VTM13 PN - 19					
@ Rs 6915 = 08 /m ³					Rs 973159=00
					C.O.Rs 12217703=00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F.Rs 122 17703=00
(28) providing pcc m 15 in					
19.0 bedding - all complete					
40.80m ³ VTMB PN-19					
@Rs 56 40=13/m ³					Rs 230117=00
(29) construction of subgrade					
29.0 8 Earthen shoulder					
--- all complete					
213.13 m ³ VTMB PN-20					
@Rs 262=79/m ³					Rs 56008=00
					Rs 12503828=00
Add G.I.S.T 18.01.					Rs 2250689=00
Add L.C. 1.01.					Rs 125038=00
Add S.F. VTMB PN-12 + 22					Rs 96292=00 86488=00
					Rs 14966043=00
Less 5.01 m below as per A.B.Rs 749799=00					Rs 14216244=00
Less previous bill VTMB PN-12					Rs 7155001=00
					Rs 6761243=00
W J Chakravarthy					
28.10.2024					
J.E.					

Continuation