

RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

CIRCLE – R.W.D. works Circle, Kishanganj

DIVISION – R.W.D. works Division , Kishanganj-1

Name of Work - Restoration of Approach of RCC Bridge at Kathamatha to tappu Part-III

Block - Bahadurganj

Estimated cost - Rs 705079.00

Year : 2020-21

TECHNICAL REPORT

Name of Work - ^{Approach} FDR To Road ~~From~~ ob. Rec bridge at Kathamatha to Jabbu
Head - FDR
Estimated cost - 7.051 Lacs

The work done estimate has been framed for the restoration (motorable) of traffic for the above road which was damage during the year 2020-2021 flash flood.

(A) Source of materials


Brick Bats - Local Kiln
Fine sand - Local
Cement Bag - Local Market
Aggregate for G.S.B - Matigara (Silliguri) by road up to site.
Bamboo - Local
Earth - Private land from 1000m lead.

(B) Rate - Carriage has been analyzed on minimum lead. Finished rate has been calculated without contractor's profit on MORD norms. Carriage of materials has been added to finished rate. Basic Rates are evaluated from rates approved by State schedule rate committee. 12% GST & 1% Labour cess has been added in the estimate in abstract part.

Sanction of estimate is much needed for payment of the work which was already done.


09.012.020
J.E
R.W.D
Kishanganj-1


09/12/2020
A.E
R.W.D
Kishanganj-1


13/12/20
E.E
R.W.D
Kishanganj-1

Date:

Inspection Report for flood damage work

1. Name of PIUs- RWD, Kishanzenj-1.

2. Name of Block/Road- Approach road of RCC bridge at Kethamatha
to Tekku Pond-III

A. For Road

1. Damage Location/Chainage : Both approach.

2. Damage Length : 55.00 m.

3. Nature of Damage : Approach damaged.

4. Details of Restoration :

i Material being used in Restoration

: E/W, Bamboo, cement
bags, brick bats.

ii Equipment/Tools being used in Restoration works:

→ tools.

iii Procedure taken up in Restoration works

→ manual.

iv Restored Length

: 55.00 m.

B. For Bridge

1. Damage Location/Chainage :

2. Damage Length :

3. Nature of Damage :

4. Details of Restoration :


i Material being used in Restoration :


ii Equipment/Tools being used in Restoration works:

iii Procedure taken up in Restoration works :

iv Restored Length :

Signature of JE/AF/EE


13.12.2020
JE


13/12/2020
AF


13/12/20



Signature

(Name of Inspector)

कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, अररिया

Detailed Estimate

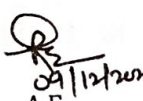
Name of work:-


Restoration of Approach of RCC Bridge at Kathamatha to
tappu Part-III

SI No	Item	No	Length	Width	Height	Qty	Unit	Rate	Amount
1	Construction of embankment with approved materials deposited at site from borrow pits with lead up to 1000 M,all complete job -----E/I	1	10.00	2.50	1.50	37.50			
		1	15.00	2.00	1.15	34.50			
		2	20.00	2.50	1.30	130.00			
		Total				202.00	cum	189.45	Rs 38269.00
2	Providing and cutting of 62 mm to 75 mm dia bamboo piles to size and making shoes, all complete job -----E/I	50	3.00	-	-	150.00			
		30	2.50	-	-	75.00			
		Total				225.00	RM	50.20	Rs 11295.00
3	Providing, fitting and fixing 62 mm to 75 mm dia bamboo runners in position at every vertical pile with 150 mm long nails or 38 swg G.I. wire including cost of G.I. wire or nails complete job as per specification and direction of E/I	8	45.00	-	-	360.00			
		2	10.00	-	-	20.00			
		Total				380.00	RM	28.53	Rs 10841.00
4	Providing and filling empty cement bags with local sand, stitching the bags and placing including supply of sutli etc. all complete job ----E/I	2	10.00	0.85	2.00	34.00			
		2	10.00	0.90	2.50	45.00			
		2	20.00	1.20	1.20	57.60			
		Total				136.60	cum		
		=	4824.03 cft		Say	4020.00	Nos	38.14	Rs 153323.00
5	Providing laying and spreading brick bats in Road ditches all complete as per approved design, specifications and direction of E/I	2	10.00	3.75	0.45	33.75			
		2	10.00	3.75	0.60	45.00			
		2	20.00	3.75	0.75	112.50			
		Total				191.25	cum	2145.02	Rs 410235.00
Total:-								Rs 623963.00	
Add GST @ 12 % :-								Rs 74876.00	
Add LC @ 01 % :-								Rs 6240.00	
Total cost of Restoration with GST & LC:-								Rs 705079.00	

Rs 705100/-



 J.E.
 RWD
 Bahadurganj


 A.E.
 R.W.D
 Bahadurganj


 E.E.
 R.W.D
 Kishanganj - I

Technically approved for ₹ 705100/-

(Rs. Seventy Lacs Five thousand and one hundred) only


 अधीक्षक अभियन्ता
 ग्रामीण कार्य विभाग
 कार्य अंचल, किशनगंज