

# **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 road from Shukalrani To Idgah

Block - Kochadhaman

Estimated cost - Rs 694727.00

Year : 2020-21

## TECHNICAL REPORT

Name of Work - FDR To Road From Shukalbari to Gdsah.

Head - FDR

Estimated cost - 6.997 Lacs

The work done estimate has been framed for the restoration (motarable) 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

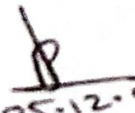
Aggregate for G.S.B - Matigara (Silliguri) by road up to site.

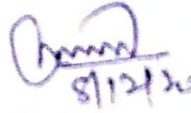
Bamboo - Local

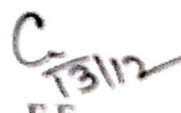
Earth - Private land from 1000m lead.

- (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.

  
05.12.20  
J.E  
R.W.D  
Kishanganj-1

  
8/12/20  
A.E  
R.W.D  
Kishanganj-1

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

Inspection Report for flood damage work

Date:

1. Name of PIUs- RWD, Kishensam I-1.

2. Name of Block/Road- Shukabani to Bdsah under Kochadhaman block.

**A. For Road**

1. Damage Location/Chainage :

2. Damage Length : 90.00 m.

3. Nature of Damage : Flank damaged side cutting

4. Details of Restoration :

i Material being used in Restoration

: Bamboo, Brick bats, local sand, sand bag.

ii Equipment/Tools being used in Restoration works:

: Tractor.

iii Procedure taken up in Restoration works

: manual.

iv Restored Length

: 90.00 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

Signature

(Name of Inspector)

कार्यपालक अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य प्रमाण्डल, अररिया

13.12.20  
JE



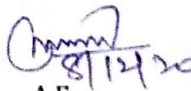
## Detailed Estimate

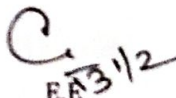
Name of work :-

Restoration of road from Shukalrani To Idgah

Sl No	Item	No	Length	Width	Height	Qty	Unit	Rate	Amount
1	Providing and cutting of 62 mm to 75 mm dia bamboo piles to size and making shoes, all complete job -----E/I	100	1.80	-	-	180.00			
		50	1.50	-	-	75.00			
		Total				255.00	sqm	50.20	12801.00
2	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	5	60.00	-	-	300.00			
		5	30.00	-	-	150.00			
		Total				450.00	sqm	28.53	12839.00
3	Fillling and spreading local sand over brick bats as per drawing and technical specification Clause 305.3.9	1	60.00	1.20	1.20	86.40			
		1	30.00	1.20	1.20	43.20			
		Total				129.60	cum	626.89	81245.00
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	1	60.00	1.00	0.90	54.00			
		1	30.00	1.00	0.90	27.00			
		Total				81.00	cum		
		=	2860.52 cft		Say	2384.00	Nos	38.14	90926.00
5	Providing laying and spreading brick bats in Road ditches all complete as per approved design, specifications and direction of E/I	1	90.00	1.80	1.20	194.40			
		Total				194.40	cum	2145.02	416992.00
Total:-									Rs 614803.00
Add GST @ 12 % :-									Rs 73776.00
Add LC @ 01 % :-									Rs 6148.00
Total cost of Restoration with GST & LC:-									Rs 694727.00

  
 05.12.2020  
 J.E  
 RWD  
 Kochadhaman

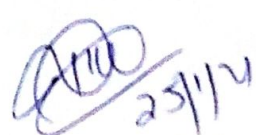
  
 08/12/20  
 A.E  
 R.W.D  
 Kochadhaman

  
 08/12/20  
 R.W.D  
 Kishanganj - I

Technically approved for Rs. 694700/-

(Rs. six <sup>four</sup> Lacs ninety thousand and seven

hundred) only

  
 अधीक्षण अभियन्ता  
 ग्रामीण कार्य विभाग  
 कार्य अंचल, किशंगंज