

# 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 T04 to Nazarpurroad near Nazarpur ke pas

Block - Kochadhaman

Estimated cost - Rs 900147.00

Year : 2020-21

## TECHNICAL REPORT

Name of Work - FDR To Road From ob. Pce bridge at road to Hazaripur road  
near Hazaripur Khabra.  
Head - FDR  
Estimated cost - 9.001 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

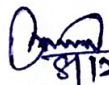
Brick Bats - Local Kiln  
Fine sand - Local  
Cement Bag - Local Market  
Aggregate for G.S.B - Matigara (Silliguri) by road up to site.  
Bamboo - Local  
Earth - Private land from 1000m lead.

(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.

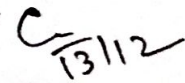
Sanction of estimate is much needed for payment of the work which was already done.

  
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 PUs- RWD Kishansam-I.

2. Name of Block/Road- Approach of Re bridge at To 4 to Hezaspur  
road near Hezaspur Ketas under  
Kochethanam block.

**A. For Road**


1. Damage Location/Chainage : Both approach.
2. Damage Length : 55.00 m.
3. Nature of Damage : Approach damage and cutting
4. Details of Restoration :
  - i Material being used in Restoration : Bamboo, local sand, sand bag.
  - ii Equipment/Tools being used in Restoration works: tractor.
  - 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 :

  
13/12/20  
AE

Signature of JE/AF/EE

  
13/12

  
13/12

Signature

(Name of Inspector)

कार्यपालक अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य प्रमण्डल, अररिया

13.12.20

JE

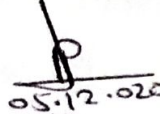


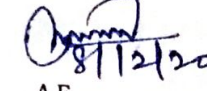
## Detailed Estimate

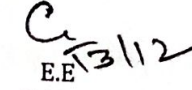
Name of work :-

Restoration of Approach of RCC Bridge at T04 to Nazarpur road  
near Nazarpur ke pas

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	185	2.50	-	-	462.50			
	Total					462.50	sqm	50.20	23218.00
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	4	110.00	-	-	440.00			
	Total					440.00	sqm	28.53	12553.00
3	Fillling and spreading local sand over brick bats as per drawing and technical specification Clause 305.3.9	1	30.00	1.20	2.50	90.00			
		1	25.00	1.20	2.50	75.00			
		1	30.00	1.20	2.50	90.00			
		1	25.00	1.20	2.50	75.00			
	Total					330.00	cum	626.89	206874.00
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	30.00	1.25	3.50	131.25			
		1	25.00	1.15	3.50	100.63			
		1	30.00	1.45	3.50	152.25			
		1	25.00	1.25	3.50	109.38			
	Total					493.51	cum		
	=	17428.31 cft			Say	14524.00	Nos	38.14	553945.00
Total:-									Rs 796590.00
Add GST @ 12 % :-									Rs 95591.00
Add LC @ 01 % :-									Rs 7966.00
Total cost of Restoration with GST & LC:-									Rs 900147.00

  
 05.12.2020  
 J.E.  
 RWD  
 Kochadhaman

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

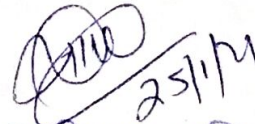
  
 13/12  
 E.E.  
 R.W.D  
 Kishanganj - I

Bay Rs - 900200/-

Technically approved for ₹ 900200/-

(Rs. Nine Lacs.....thousand and.....two

hundred) only

  
 25/12/20  
 अधीक्षण अभियन्ता  
 ग्रामीण कार्य विभाग  
 कार्य अंचल, किशनगंज