

# 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 for RCC Bridge at Bhorda  
Gangi PMGSY road in chainage 6 km (BR-18R-282)

**Block** - Bahadurganj

**Estimated cost** - Rs 413244.00

Year : 2020-21

## TECHNICAL REPORT

Name of Work - FDR To <sup>Approach</sup> Road From Rce bridge at Bhovadeh Gani PM 984  
Head - FDR road in ch. 6-00 km. (BR-182-282)  
Estimated cost - 4.132 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.

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

  
A.E.  
R.W.D  
Kishanganj-1

  
C.  
E.E  
R.W.D  
Kishanganj-1

Inspection Report for flood damage work

Date:

1. Name of PIUs- PWD Kishansagar-1.

2. Name of Block/Road- Approach road of PCC bridge in Bhoadah-sangli  
PMASV Road at ch. 6.00 km under Bhoadah-sangli Block.

**A. For Road**

1. Damage Location/Chainage : Both approach,

2. Damage Length : 50.00 m.

3. Nature of Damage : Both approach damage.

4. Details of Restoration :

i Material being used in Restoration : E/W, Bamboo, sand bags.

ii Equipment/Tools being used in Restoration works: Trolley

iii Procedure taken up in Restoration works : manual.

iv Restored Length : 50.00 m.

**B. For Bridge**

1. Damage Location/Chainage :

2. Damage Length :

3. Nature of Damage :

4. Details of Restoration :

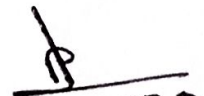
i Material being used in Restoration :

ii Equipment/Tools being used in Restoration works:

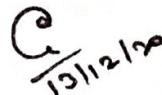
iii Procedure taken up in Restoration works :

iv Restored Length :

Signature of JE/AF/EE

  
13.12.020  
JE

  
13/12/2020  
AE

  
13/12/20

  
Signature

(Name of Inspector)

कार्यपालक अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य प्रमण्डल, अररिया



## Detailed Estimate


Name of work :-

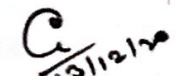
Restoration of approach for RCC Bridge at Bhorda Gangi  
PMGSY road in chainage 6 km (BR-18R-282)

Sl 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	15.00	2.00	1.60	48.00				
		1	20.00	2.00	1.15	46.00				
		2	30.00	2.50	1.50	225.00				
		Total					319.00	cum	189.45	60435.00
2	Providing and cutting of 62 mm to 75 mm dia bamboo piles to size and making shoes, all complete job -----E/I	60	3.00	-	-	180.00				
		35	2.50	-	-	87.50				
		Total					267.50	RM	50.20	13429.00
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	12	45.00	-	-	540.00				
		8	10.00	-	-	80.00				
		Total					620.00	RM	28.53	17689.00
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	15.00	0.90	1.50	20.25				
		1	20.00	1.10	2.00	44.00				
		2	30.00	1.20	2.50	180.00				
		Total					244.25	cum		
		=	8625.69 cft Say				7188.00	Nos	38.14	274150.00
Total:-								Rs 365703.00		
Add GST @ 12 % :-								Rs 43884.00		
Add LC @ 01 % :-								Rs 3657.00		
Total cost of Restoration with GST & LC:-								Rs 413244.00		

Say RS- 413200/-


  
 09.12.2020  
 J.E.  
 RWD  
 Bahadurganj

  
 9/12/2020  
 A.E.  
 R.W.D  
 Bahadurganj

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

Technically approved for ₹ 413200/-

(Rs. four Lacs thirteen thousand and two hundred) only

  
 25/11/20  
 अधीक्षक अभियन्ता  
 ग्रामीण कार्य विभाग  
 कार्य अंचल, किशनगंज