

# **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 Sontha Modho Mohra  
PMGSY Raod to Bachcha sarogara

Block - Kochadhaman

Estimated cost - Rs 4648544.00

Year : 2020-21

## TECHNICAL REPORT

Name of Work – FDR To Road From Sandhe Mohho-Mohra PMSY Road to  
Bachha Sengera,  
Head – FDR  
Estimated cost – 46-485 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**

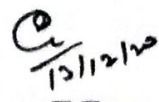
Brick Bats – Local Kiln  
Fine sand – Local  
Cement Bag – Local Market  
Aggregate for G.S.B – Matigara (Silliguri) by road up to site.  
Bamboo – Local  
Earth – Private land from 1000m lead.

- (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.

  
05.12.2020  
J.E  
R.W.D  
Kishanganj-1

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

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



Inspection Report for Flood damage work

Date:

1. Name of PIUs- RWD Kishanagar-1.

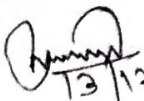
2. Name of Block/Road- Sontha Mottha Mohar PMSY Road to Brehcha  
Sasogera under Kochathemen block.

**A. For Road**

1. Damage Location/Chainage :
2. Damage Length : 470.00m.
3. Nature of Damage : Washout & Flank damage and Deep Side cutting
4. Details of Restoration :
  - i Material being used in Restoration : sand bags, Buck bags.
  - ii Equipment/Tools being used in Restoration works: Rec knife, Bamboo, Local sand
  - iii Procedure taken up in Restoration works: tractor.
  - iv Restored Length : manual.

**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/AE/EE

  
12/12/20

Signature

(Name of Inspector)

कार्यपालक अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य प्रमण्डल, अररिया

13-12-2020  
JE

## Detailed Estimate

**Name of work :-**

Restoration of road from Sontha Modho Mohra PMGSY Raod to Bachcha sarogara

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	356	3.00	-	-	1068.00			
		167	2.50	-	-	417.50			
		Total				1485.50	RM	50.20	74572.00
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.	6	320.00	-	-	1920.00			
		5	150.00	-	-	750.00			
		Total				2670.00	RM	28.53	76175.00
3	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	160.00	0.85	1.50	408.00			
		1	150.00	0.90	1.20	162.00			
		Total				570.00	cum		
		=	20129.55 cft		Say	16775.00	Nos	38.14	639799.00
4	Providing and laying reinforced cement concrete pipe NP3 for culverts of 600 dia, all complete job -----E/I.	3	2.50	-	-	7.50			
		0	0.00	-	-	0.00			
		Total				7.50	RM	3041.87	22814.00
5	Filling and spreading local sand over brick bats as per drawing and technical specification Clause 305.3.9	1	160.00	5.50	1.50	1320.00			
						1320.00	cum	626.89	827495.00
6	Providing laying and spreading brick bats in Road ditches all complete as per approved design, specifications and direction of E/I	1	90.00	5.00	0.60	270.00			
		1	40.00	5.00	0.60	120.00			
		1	30.00	5.00	0.60	90.00			
		2	90.00	0.75	1.80	243.00			
		2	40.00	0.75	1.80	108.00			
		2	30.00	0.75	1.80	81.00			
		1	150.00	1.20	0.60	108.00			
						1020.00	cum	2145.02	2187920.00

05-12-2020  
JE

8/12/20  
AE

Technically approved for ₹

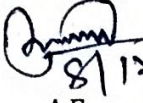
(Rs. .... Lacs. .... thousand and ....)

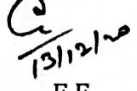


Sl No	Item	No	Length	Width	Height	Qty	Unit	Rate	Amount
7	Construction of granular sub-base by providing well graded gardening-II material, all complete job-----E/I	1	90.00	4.05	0.20	72.90			
		1	40.00	4.05	0.20	32.40			
		1	30.00	4.05	0.20	24.30			
		Total				129.60	cum	2198.92	284980.00
Total:-								Rs 4113755.00	
Add GST @ 12 % :-								Rs 493651.00	
Add LC @ 01 % :-								Rs 41138.00	
Total cost of Restoration with GST & LC:-								Rs 4648544.00	

Say Rs- 4648500/-

  
05.12.20  
J.E  
RWD  
Kochadhaman

  
8/12/20  
A.E  
R.W.D  
Kochadhaman

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

Technically approved for ₹. 4648500/-

(Rs. forty six Lacs forty <sup>eight</sup> thousand and five

hundred. ....) only

  
23/12

अधीक्षण अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य अंचल, किशनगंज