

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 work for Repair of Road breaches (Damaged by Flood) for Motorability in PWD Road in Bouma Basti to Lohadanga
Block :-	KISHANGANJ
Length of Road:-	1.70 KM
Damage Length:-	96.7 M
Estimated cost :-	Rs 222783.00

Year : 2024-25

INSPECTION REPORT FOR MOTORABLE WORK

Name of PIUs :- E. E Work divn. Kishanganj-1

Name of Block/Road :- Kishanganj/ PWD Road. In Bournu Bashi to Lohadanga

A. For Road

1. Damage Location/Chainage :- Ch. 80 M, 135 M, 365 M, 1050 M

2. Damage Length :- 96.70 M

3. Nature of Damage (Length Wise) (i) Breach :-
(ii) Crust Damage :-
(iii) Only Flank Damage :- 96.70 M

whether traffic fully/Partially obstructed :- Traffic Partially obstructed

4. Details of Restoration :-

(i) Material Being Used in Restoration :- Bricks bats, earth filling

(ii) Equipment/Tools Being Used in Restoration Works :- Tractor

(iii) Restored Length

In open Area :- 96.70 M

In habitation Area :-

(iv) If Restoration work done in habitation Area give Reason :-

3. For Bridge (Size of Bridge/Culvert)

1) Damage Location/Chainage :-

2) No. of Span Damage :-

3) Length of Span :-

4) Nature of Damage (Pier/Abutment/
Wing Wall/Approach Road Damage) :-

5) Details of Restoration :-

6) Material Being Used in Restoration :-

7) Equipment/Tools Being Used in Restoration Works :-

8) Restored Length :-

Overall Grade of Restoration work (Satisfactory/Unsatisfactory) :-

(Signature)
14/11/24
AK

(Signature)
12/11/24
AE

(Signature) 20/11/24
Signature of Inspector
(Official Seal)

TECHNICAL REPORT

Name of Work:- Restoration work for Repair of Road breaches (Damaged by Flood) for Motorability in PWD Road in Bouma Basti to Lohadanga

Block:- Kishanganj

Estimated Cost :- 222783.00

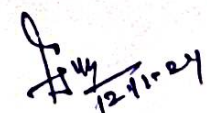
The work done estimate has been framed for the restoration (motorable) of traffic for the above road which was damage/washout during the year 2024-25 flood. This Estimate is prepared for restoration work under FDR as per the instruction of Engineer-in-Chief Rural Works Department Patna Vide Letter No. FDR-03-01/2024-89

(A) Source of materials

- i) Brick Bats- Local Kiln
- ii) Fine sand-Local
- iii) Cement bags-Local market
- iv) Bamboo-Local
- v) Eart- Private land from 1000m lead
- vi) Hume pipe- Purnea

(B) Rate Carraige has been analyzed on minimum lead. Finished rate has been calculated without contractor's profit on MORD norms. Carraige of materials has been added to finished rate. Basic rates are evaluated from rate of approved by State schedule rate committee. 18% GST, 1% L.cess and S.fee has been added in the estimate with final rate of the executed items


JE 12/11/24
RWD(W) Sub Division
Kishanganj

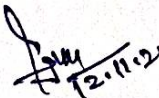

AE
RWD(W) Sub Division
Kishanganj


Executive Engineer
RWD(W) Division
Kishanganj-1

ABSTRACT OF COST

Name of Work :-		Restoration work for Repair of Road breaches (Damaged by Flood) for Motorability in PWD Road in Bouma Basti to Lohadanga
Block :-		Kishanganj
Sl. No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work :-	Rs 207783.00
B	Add Drone videography charge three times	Rs 15000.00
	Total Cost with GST, LC & S.Fee	Rs 222783.00


S.E 12/11/24
RWD
Kishanganj


A.E
R.W.D
Kishanganj


E.E
R.W.D
Kishanganj - I

Technically approved for Rs 2,22,783 (Rupees Two lakh twenty two thousands seven hundred Eighty three) only


Superintending Engineer
Rural Works Department
Works Circle, Kishanganj
12/11/24
E.O.

Detailed Estimate

Detailed Estimate												
Name of Work :-			Restoration work for Repair of Road breaches (Damaged by Flood) for Motorability in PWD Road in Bouma Basti to Lohadanga									
Sl. No.	SDB Sl. No.	MORD Ref.No	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
1	WRD	5.7.7	Providing bamboo piles including labour for cutting of 62 mm to 75 mm dia bamboo piles to size and making shoes and driving etc complete job as per specification and direction of E/I									
									135.00			
			At ch.85 m (left side)	1	45	3.00	-	-	67.20			
			At ch.135 m (left side)	1	24	2.80	-	-	66.00			
			At ch.365 m (left side)	1	30	2.20	-	-	231.00			
			At ch.540 m (left side)	1	77	3.00	-	-	45.00			
			At ch.625 m (left side)	1	18	2.50	-	-	90.00			
			At ch.825 m (left side)	1	36	2.50	-	-	54.00			
			At ch.1050 m (left side)	1	18	3.00	-	-	117.60			
			At ch.1130 m (left side)	1	42	2.80	-	-				
									Total:- 805.80	Mtr.	69.19	55750.00
2	WRD	5.7.9	Supplying, 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, all material and labour complete job as per specification and direction of E/I.									
									30.00			
			At ch.85 m (left side)	1	2	15.00	-	-	24.00			
			At ch.135 m (left side)	1	3	8.00	-	-	30.00			
			At ch.365 m (left side)	1	3	10.00	-	-	84.00			
			At ch.540 m (left side)	1	7	12.00	-	-	18.00			
			At ch.625 m (left side)	1	3	6.00	-	-	24.00			
			At ch.825 m (left side)	1	2	12.00	-	-	30.00			
			At ch.1050 m (left side)	1	5	6.00	-	-	28.00			
			At ch.1130 m (left side)	1	2	14.00	-	-				
									Total:- 268.00	Mtr.	35.95	9635.00
3	WRD	5.7.40	Brick bats									
			Providing laying and spreading brick bats in Road ditches all complete as per approved design, specifications and direction of E/I									
			At ch. 135 m (left side)	1	1	8	(1.10+1.0+0.9)/3	0.3	2.40			
			At ch.365 m (left side)	1	1	4.50	(1.8+2.2)/2	(0.6+0.4)/2	4.50			
									Total:- 6.90	Cum	2759.12	19038.00
4		5.7.53	Providing and filling empty cement bags									
			Supply of new bag with labour for filling new EC bag with local sand (volume of filled bag 1.2 cft and weight 50kg), stitching on two line by approved nylon thread with stitching machine & generator, stacking the bags and placing with a lead of 150m including supply of nylon threads etc all complete as per approved design, specification and direction of E/I.									
			At ch.85 m (left side)	1	1	15.00	(1.2+2.0+0.65)/3	(0.1+0.3+0.8+0.45)/4	7.94			
			At ch.135 m (left side)	1	1	8.00	(1.3+1.5+1.10)/3	(0.3+0.6+0.8)/3	5.89			
			At ch.365 m (left side)	1	1	7.00	(3.0+1.60)/2	(1.4+1.0+0.5)/3	15.56			
			At ch.365 m (left side)	1	1	3.00	(1.5+0.9)/2	(0.7+0.5)/2	2.16			
			At ch.540 m (left side)	1	1	25.70	(1.10+1.20+1.0+1.50)/4	(0.4+0.7+0.50 +0.45)/4	15.81			
			At ch.625 m (left side)	1	1	6.00	(1.2+0.7)/2	(0.7+0.85+0.45)/3	3.80			
			At ch.825 m (left side)	1	1	12.00	(1.10+1.4+1.4)/3	(0.5+0.85+0.50)/3	9.62			
			At ch.825 m (left side)	1	1	6.00	(1.8+1.6)/2	(0.4+0.5+0.3)/3	4.08			
			At ch.1050 m (left side)	1	1	6.00	(1.2+1.5+1.4)/3	(0.3+0.4+0.9)/3	10.20			
			At ch.1130 m (left side)	1	1	14.00						
									Total:- 75.06	Cum		
									@ 0.034 Cum each bag	2208	No.	55.88
												123360.00
											TOTAL	207783.00

[Signature]
A.E.
RWD
KISHANGANJ
12/11/24

[Signature]
12.11.24
A.E.
RWD
KISHANGANJ

[Signature]
E.E.
RWD
KISHANGANJ-1



12/11/23
 12/11/23
 4/5



Chin / July 12/11/24
46



12/11/24
96

FINAL RATE UNDER WORKS CIRCLE KISHANGANJ

S.No	Discription of Item	Unit	Final Rate (Excluding GST, Selgnlorage & L.Cess)	Final Rate (Including GST, Selgnlorage & L.Cess)
1	EARTH WORK	CUM	459.003	549.740
2	BRICK BAT	CUM	2209.576	2759.115
3	G.S.B	CUM	4328.501	5172.300
4	SAND BAG (Cement Bag)	Each	46.550	55.880
5	BAMBOO PILE	Per Mtr.	58.140	69.186
6	BAMBOO CHACHRI	Per Mtr.	302.258	359.690
7	BAMBOO RUNNER	Per Mtr.	30.210	35.950
8	HUME PIPE (1000 mm Div)	Per Mtr.	6206.598	7385.850
9	HUME PIPE (600 mm Div)	Per Mtr.	2492.260	2965.790
10	STEEL DRUM SHEET	Per Sqr.Mtr.	215.352	256.270
11	GEO BAG WITH SAND	EACH	967.490	1152.320
12	EACH N.C. BAG WITH SAND (Cement Bag)	Each E.C	967.490	1151.800
13	LOCAL SAND	CUM	721.110	1272.780

[Signature]
Executive Engineer
RWD, Works Division
Kishanganj-I

[Signature]
Executive Engineer
RWD, Works Division
Araria

[Signature]
Executive Engineer
RWD, Works Division
Kishanganj-2

[Signature]
Executive Engineer
RWD, Works Division
Forbesganj

[Signature]
Superintending Engineer
Rural Works Department
Works Circle Kishanganj