

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 PMGSY Road to Nonia Tola
Block :-	KISHANGANJ
Length of Road:-	0.5 KM
Damage Length:-	172 M
Estimated cost :-	Rs 332434.00

Year : 2024-25

INSPECTION REPORT FOR MOTORABLE WORK

Name of PIUs :- E.E. Work divn. kishanganj -1
Name of Block/Road :- kishanganj / PMust. Road to Sonia Tola

A. For Road

1. Damage Location/Chainage :- Ch. 330M

2. Damage Length :- 172.00 M

3. Nature of Damage (Length Wise) (i) Breach :-
(ii) Crust Damage :-
(iii) Only Flank Damage :- 172.00 M

whether traffic fully/Partially obstructed :- Traffic partially obstructed

4. Details of Restoration :-

(i) Material Being Used in Restoration :- local Sand, Bamboo

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

(iii) Restored Length
In open Area :- 172.00 M
In habitation Area :-

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

B. For Bridge (Size of Bridge/Culvert)

(1) Damage Location/Chainage :-

(2) No. of Span Damage :-

(3) Length of Span :-

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

(5) Details of Restoration :-

(i) Material Being Used in Restoration :-

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

(iii) Restored Length :-

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

Signature of Inspector
(Official Seal)

TECHNICAL REPORT

Name of Work:- Restoration work for Repair of Road breaches (Damaged by Flood) for Motorability in PMGSY Road To Nania Tola

Block:- Kishanganj

Estimated Cost :- 332434.00

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

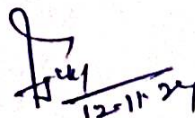
(A) Source of materials

- 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 12/11/24

RWD(W) Sub Division
Kishanganj

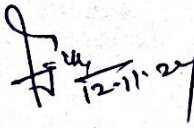

14/11/24

Executive Engineer
RWD(W) Division
Kishanganj-1

ABSTRACT OF COST

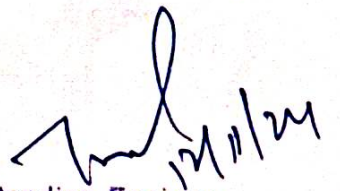
Name of Work :-		Restoration work for Repair of Road breaches (Damaged by Flood) for Motorability in PMGSY Road to Nonia Tola
Block :-		Kishanganj
Sl. No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work :-	Rs 317434.00
B	Add Drone videography charge three times	Rs 15000.00
	Total Cost with GST, LC & S.Fee	Rs 332434.00


S.E
RWD
Kishanganj
12/11/24


A.E
R.W.D
Kishanganj
12-11-24


E.E
R.W.D
Kishanganj - I

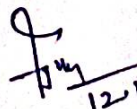
Technically Approved for Rs 332434/- (Three lakh thirty two thousand four hundred thirty four) only


Superintending Engineer
Rural Works Department
Kishanganj
12/11/24
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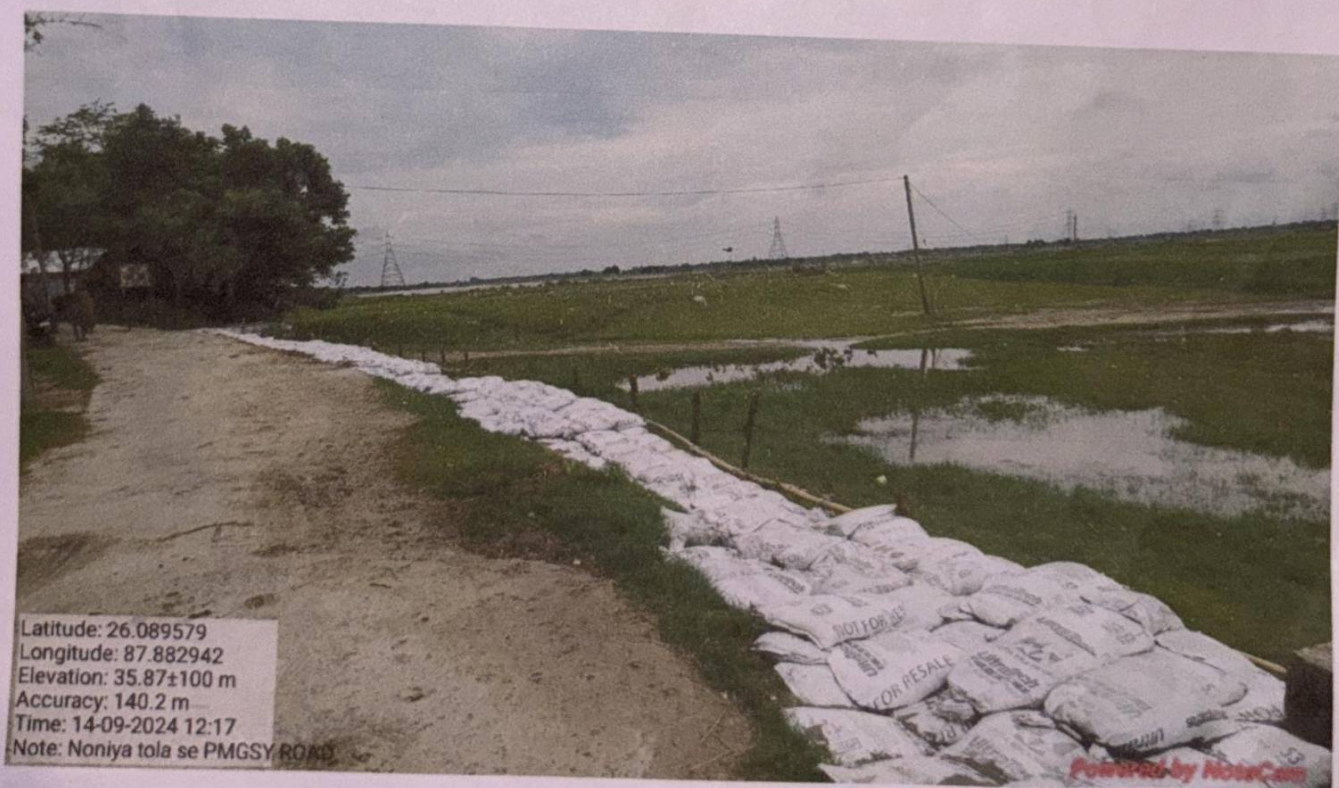
Detailed Estimate

Name of Work :-			Restoration work for Repair of Road breaches (Damaged by Flood) for Motorability in PMGSY Road to Nonia Tola									
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									
			At- ch. 0.0 m(Right Side)	1	110	3.00	-	-	330.00			
			At- ch. 330 m(Right Side)	1	125	3.00	-	-	375.00			
			At- ch. 390 m(Right Side)	1	60	3.20	-	-	192.00			
			At- ch. 420 m(Right Side)	1	46	4.00	-	-	184.00			
			Total:-						1081.00	Mtr.	69.19	74790.00
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.									
			At- ch. 0.0 m(Right Side)	1	6	15.00	-	-	90.00			
			At- ch. 330 m(Right Side)	1	5	12.00			60.00			
			At- ch. 390 m(Right Side)	1	7	18.00			126.00			
			At- ch. 420 m(Right Side)	1	9	13.00			117.00			
			Total:-						393.00	Mtr.	35.95	14128.00
3		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. 0.0 m(Right Side)	1	1	30.00	(2.3+1.8+2.8)/3	(0.2+0.3)/2	17.25			
			At- ch. 0.0 m(Right Side)	1	1	25.00	(2.3+1.8+2.8)/3	(0.2+0.3)/2	14.38			
			At- ch. 330 m(Right Side)	1	2	30.00	(2.9+2.5+3.0)/3	(0.3+0.4+0.2)/3	50.40			
			At- ch. 330 m(Right Side)	1	1	5.00	(2.9+3.5+3.0)/3	(0.6+0.4+0.2)/3	6.79			
			At- ch. 390 m(Right Side)	1	1	30.00	(2.5+2.3+3.0)/3	(0.65+0.3+0.2)/3	29.90			
			At- ch. 420 m(Right Side)	1	1	22.00	(1.8+1.5)/2	(1.0+0.2+.5)/3	20.32			
			Total:-						139.04	Cum		
			@ 0.034 Cum each bag						4089	No.	55.88	228516.00
			TOTAL									317434.00


J.E.
RWD
KISHANGANJ


A.E.
RWD
KISHANGANJ


E.E.
RWD
KISHANGANJ-1



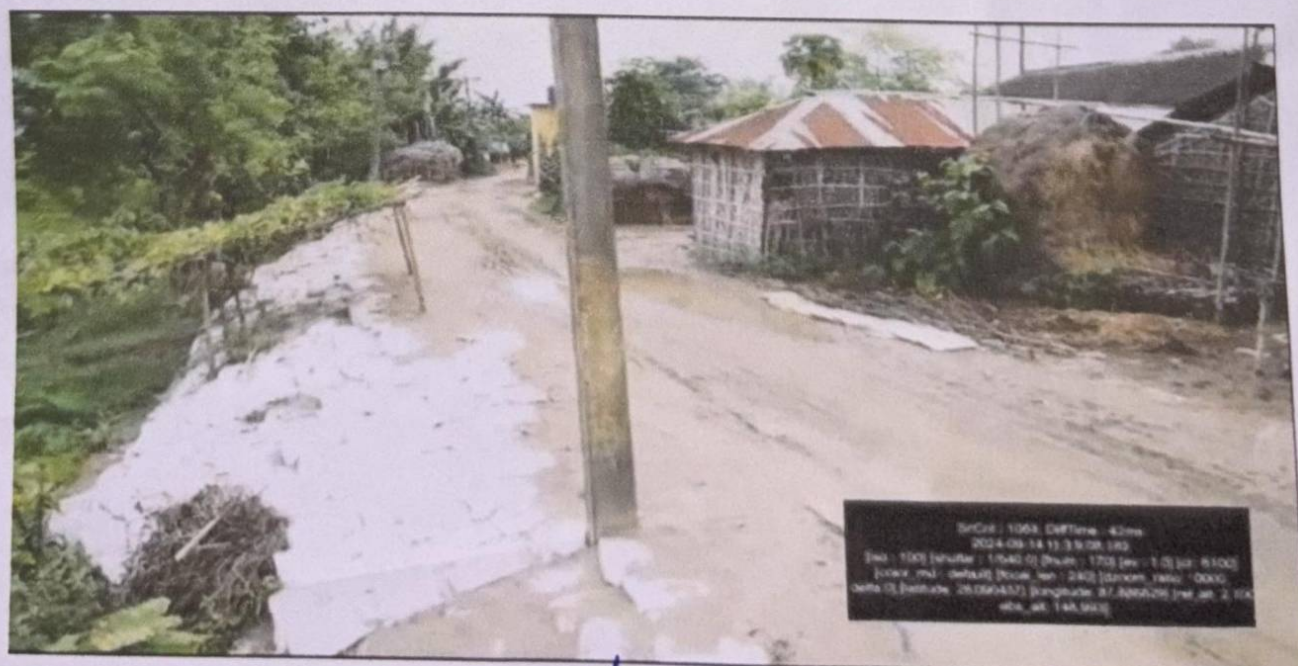
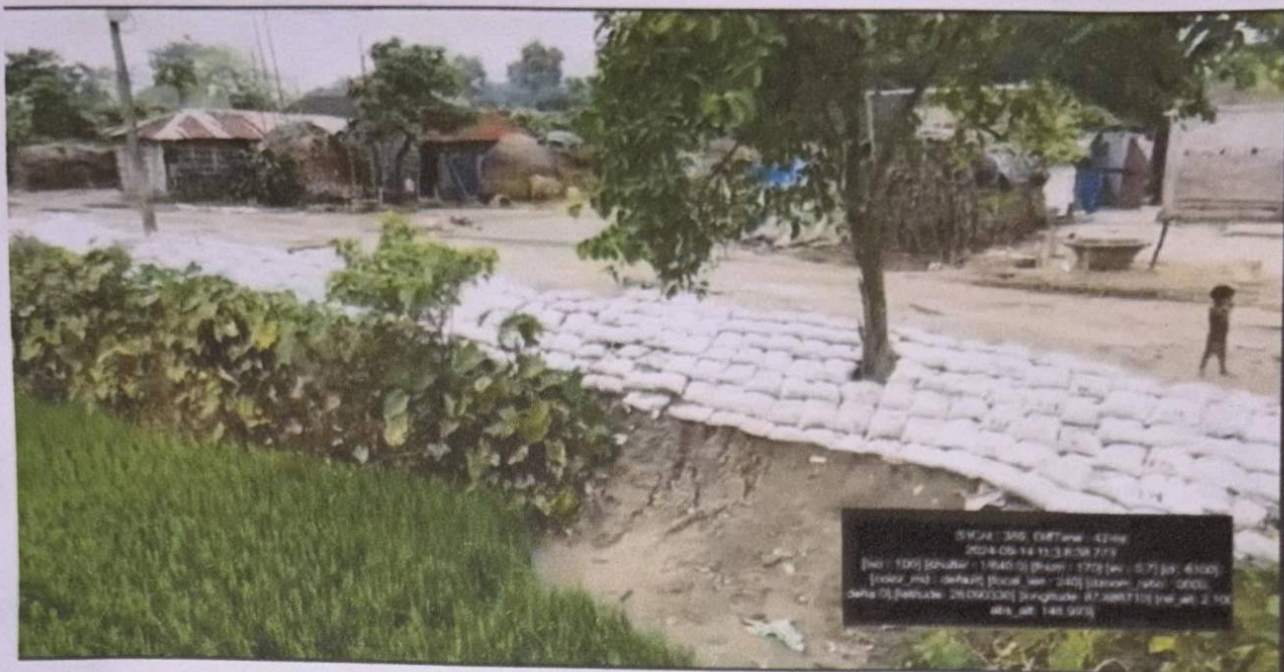
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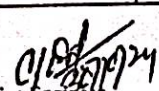
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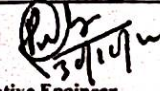
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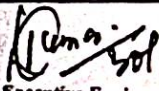
FINAL RATE UNDER WORKS CIRCLE KISHANGANJ

S.No	Description of Item	Unit	Final Rate (Excluding GST, Seigniorage & L.Cess)	Final Rate (Including GST, Seigniorage & 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


Executive Engineer
RWD, Works Division
Kishanganj-1


Executive Engineer
RWD, Works Division
Araria


Executive Engineer
RWD, Works Division
Kishanganj-2


Executive Engineer
RWD, Works Division
Forbesganj


Superintending Engineer
Rural Works Department
Works Circle Kishanganj