

RURAL WORKS DEPARTMENT



बिहार सरकार

GOVERNMENT OF BIHAR

FDR(Emergent Work)

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 Jhala- Lodhabari Sohiya Baigna Nishandra
Block :-	Terhagachh
Estimated cost :-	Rs 3442826.00

Year : 2024-25

INSPECTION REPORT FOR MOTORABLE WORK

Name of PIUs :-		Gaurav Kumar	
Name of Block/Road :-		PWD Jhri Lodhabari Sohaga Begna Nishandhna	
A. For Road			
1. Damage Location/Chainage :-		24.80 k.m.	
2. Damage Length :-		285 M.	
3. Nature of Damage (Length Wise)		(i) Breach :- Left side 125 M, Right side 150 M.	
		(ii) Crust Damage :-	
		(iii) Only Flank Damage :-	
whether traffic fully/Partialiy obstructed :-		Fully.	
4. Details of Restoration :-			
(i) Material Being Used in Restoration :-		Sand, Bricks Bats, Sand Bag.	
(ii) Equipment/Tools Being Used in Restoration Works :-		Tractors with trolley, JCB	
(iii) Restored Length		In open Area :- 285 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 :-		/ N/A	
(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 PWD Jhala-Lodhabari Sohiya Baigna Nishandra

Block:- Terhagachh

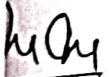
Estimated Cost:- ₹ 34,42,826.00

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 Dated-18-10-2024

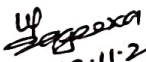
(A) Source of materials

- 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


2/11/2024

T.S. RWD(W) Work Section
Terhagachh


12.11.2024
JE


12/11/24
AE
RWD(W) Sub Division
Terhagachh


12/11/24
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 PWD Jhala-Lodhabari Sohiya Baigna Nishandra
Block :-		Terhagachh
Sl. No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work :-	Rs 3427826.00
B	Add Drone videography Charge three times	Rs 15000.00
	Total Cost with GST, LC & S.Fee	Rs 3442826.00

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12/11/2024
T.S.

[Signature]
J.E 12.11.2024
RWD
Terhagachh

[Signature]
A.E 12/11/24
R.W.D
Terhagachh

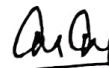
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R.W.D
Kishanganj - I

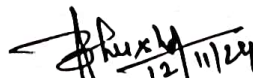
Technically approved for Rs 34,42,826/- (Rupees thirty four lakh
fourty two thousand eight hundred and twenty six) only

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

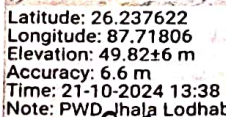
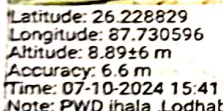
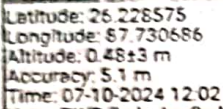
Detailed Estimate

Name of Work :-			Restoration work for Repair of Road breaches (Damaged by Flood) for Motorability in PWD Jhala-Lodhabari Sohiya Baigna Nishandra										
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 24.30 km (left side)	1	135.00	8.00	-	-	1080.00				
			At ch 24.30 k m (right side)	1	150.00	6.00	-	-	900.00				
									Total:-	1980.00	Mtr.	69.186	136988.00
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 24.30 km (left side)	1	22	27.00	-	-	594.00				
			At ch 24.30 k m (right side)	1	17	30.00	-	-	510.00				
									Total:-	1104.00	Mtr.	35.95	39689.00
3	9.2 (i)	1100 & 800	Sand filling or Type B (First class) bedding										
			Filling and spreading local sand over brick bats as per drawing and technical specification Clause 305.3.9										
			At ch 23.000 km	1	1	60.00	(8+6)/2	(1.3+1.7+2.2+2.5+2.1+1.8)/6	812.00				
			At ch 24.100 km	1	1	38.00	(8+6)/2	(1.1+1.5+1.8+1.6+1.2)/5	383.04				
			At ch 24.300 km	1	1	30.00	(8+6)/2	(2.1+2.8+3.2+2.5+1.8)/5	520.80				
									1715.84				
									Total:-	1715.84	Cum	1272.78	2183887.00
4	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 23.00 m	1	1	60.00	4.50	0.30	81.00				
			At ch 24.100 km	1	1	38.00	4.80	0.30	54.72				
			At ch 24.300 km	1	1	30.00	5.00	0.30	45.00				
									Total:-	180.72	Cum	2759.115	498627.00
5		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 23.00 km (left side)	1	1	60.00	(0.75+0.5)/2	(1.5+2+2.5+3+3.5+1.8+1.8)/7	86.25				
			At ch 23.00 k m (right side)	1	1	14.50	(0.75+0.5)/2	(1.1+1.5+1.2+0.9)/4	10.65				
			At ch 23.00 k m (right side)	1	1	44.00	0.50	(1.8+2.5+2.7+1.8+1.5)/5	45.32				
				1	1	12.50	0.50	(1.1+1.6+1.8+1.2)/4	8.91				
				1	1	8.50	0.50	(0.5+0.8+1.4+0.9)/4	3.83				
				1	1	22.50	(0.75+0.5)/2	(1.4+1.8+1.5+1.2)/4	33.19				
			At ch 24.10 km (left side)	1	1	38.00	(0.75+0.5)/2	(1.5+1.8+2.1+1.8+1.4)/5	65.36				
			At ch 24.10 km (right side)	1	1	38.00	0.50	(1.4+1.8+2.0+1.4)/4	31.35				
			At ch 24.30 km (left side)	1	1	27.00	(1.0+0.5)/2	(2.5+3.1+3.50+2.8+2.6)/5	29.36				
			At ch 24.30 km (Right side)	1	1	30.00	(1.0+0.5)/2	(2.5+3.1+3.3+2.4)/4	31.78				
									Total:-	345.99	Cum		
									@ 0.034 Cum each bag	10176	No.	55.88	568635.00
												TOTAL	3427826.00


 12/11/2024
 T.S.
 J.E.
 RWD
 Terhagahh


 12/11/24
 R.W.D.
 Terhagahh


 12/11/24
 Kishanganj - 1



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n: 49.82±6 m
y: 6.6 m
-10-2024 13:38
WD: Jhalra Lodhabadi sohiya , baigna nisandra.road near
[Handwritten signatures and dates: 12/11/2024, 12.11.2024, 12/11/2024]

