

RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

NAME OF ROAD:- RESTORATION OF ROAD FROM DEVPURA TO
HARIZAN TOLA

DIVISION:- R.W.D, WORKS DIVISION, FORBESGANJ

CIRCLE:- R.W.D, WORK CIRCLE, KISHANGANJ

BLOCK:- FORBESGANJ

ESTIMATED COST

1518435.00

Inspection Report for Flood Damage Work

1. Name of PIUs : EE RWD Forbesganj

2. Name Of Block / Road : Forbesganj

A. For Road

1. Damage Location / Chainage : 26.227674, 87.596829

2. Damage Length : $45.7 + 22.75 + 25.75 + 22.5 + 18 + 20 + 10 = 171.70m$

3. Nature Of Damage : Flood damage depth up 3.5m

4. Details Of Restoration :

i) Material Being Used In Restoration : EC bag, bamboo pile, local sand, brickbat.

ii) Equipment / Tools Being Used In Restoration Works : Tractor, XS, bamboo pile, brickbat.

iii) Procedure Taken Up In Restoration Works : filling all pits properly in damage area

iv) Restored Length : 171.70m

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 :

N/A

"S"

Signature of JE / AE / EE

Signature

(Name Of Inspector)

प्रतिवेदन

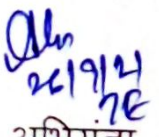
प्रस्तुत प्राक्कलन ग्रामीण कार्य विभाग, कार्य प्रमंडल, फारबिसगंज अंतर्गत

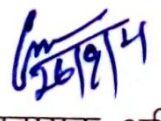
फारबिसगंज प्रखंड के पथ देवपू। & धीरू डौल

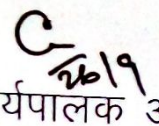
जो विभागीय Online Monitoring System MIS पर अपलोड है के बाढ़ 2021 से क्षतिग्रस्त हो जाने के कारण यातायात लायक Motorable हेतु बनाया गया है। इस कार्य को कराने का निर्देश ग्रामीण कार्य विभाग, बिहार सरकार के पत्रांक-मु0अ0-4(मु0) विविध कार्य-23-60/2020-1937/पटना, दिनांक-07.07.2021 से प्राप्त है। इस पत्र के Real time geo-tagged Photograph को कार्य के दौरान अपलोड करते हुए (Motorable) कार्य कराना सुनिश्चित करने का निर्देश प्राप्त है।

उक्त निर्देश के आलोक में पटना नदी/नदी उपधार एवं अतिवृष्टि से आए बाढ़ के कारण इस पथ के Road Way के क्षतिग्रस्त हो जाने से सुरक्षित आवागमन हेतु Motorable कार्य कराया गया है। नेपाल तराई से निकलने वाली इस नदी के तेज धार एवं अतिवृष्टि से इस पथ में कटाव की स्थिति बनी। Motorable कार्य में आवश्यकता अनुसार Bamboo Pilling/Pitching of E.C Bags filled with local sand/ Local Sand Filling/ Brick bats का इस्तेमाल किया गया है। Motorable कार्य कराकर यातायात बहाल कर दिया गया है। निर्देशानुसार कराये गये Geo-tagged Photograph real time के साथ MIS पर अपलोड है। MIS की छायाप्रति, अपलोडेड फोटोग्राफ की छायाप्रति दर विश्लेषण एवं विभागीय आदेशों की छायाप्रति प्राक्कलन में संलग्न की जा रही है। प्राक्कलन में प्रयुक्त दर अदधतन है।

प्राक्कलन की यथा शीघ्र अनुमोदन अपेक्षित है ताकि अग्रेतर कार्रवाई की जा सके।


कनीय अभियंता
ग्रामीण कार्य विभाग
कार्य प्रशाखा-


सहायक अभियंता
ग्रामीण कार्य विभाग
कार्य अवर प्रमंडल-


कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, फारबिसगंज

Abstract of Cost

Name of Work : Estimate for Repairing/Restoration/Making Motorable Roads

Damaged during flood in JULY 2021 in ARARIA District

Name of Road:-

DEVPURA TO HARIZAN TOLA

Block: FORBESGANJ

District: ARARIA

Division : RWD, Works Division, FORBESGANJ

Circle: RWD, Work Circle, Kishanganj

COST OF 1ST CUTTING RESTORATION

Rs 958434.00

COST OF 2ND CUTTING RESTORATION

Rs 560001.00

TOTAL COST OF RESTORATION

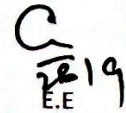
Rs 1518435.00

Say

Rs 1518435.00


J.B.


A.E.


E.E.

Abstract of Cost

Name of Work : Estimate for Repairing/Restoration/Making Motorable Roads
Damaged during flood in JULY 2021 in ARARIA District

Name of Road:

RESTORATION OF ROAD FROM DEVPURA TO HARIZAN TOLA CUTTING-1

Block: FORBESGANJ

District: ARARIA

Divison : RWD, Works Division, FORBESGANJ

Circle: RWD, Work Circle, Kishanganj

Sl No.	Description	Unit	Quantity (m3)	Rate (Rs)	Amount (Rs)
1	Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-charge.				
		Cum	495.93	627.77	311329.05
2	Labour for cutting 62mm to 75mm dia bamboo piles to size and making shoes & driving by jet machine etc. all complete job as per specification & direction of Engineer-in-Charge.				
		Mtr.	751.05	75.86	56973.60
3	Labour for fitting & fixing 62mm to 75mm 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 etc all complete job as per specification & direction of Engineer-in-Charge.				
		Mtr.	272.85	40.06	10930.53
4	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.				
		Each	12759.13	37.35	476511.76
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.				

		Cum	0.00	1851.91	0.00
6	Supply, laying and Carriage of of hume pipe 1000 mm dia (HPC), all complete job.				
		meter	0.00	5382.71	0.00
	TOTAL AMOUNT =				855745.00
	ADD 12.00 %GST=				102689.00
	SAY TOTAL AMOUNT =				958434.00

[Signature]
JE

RWD WORKS
DIV.
FORBESGANJ

[Signature]
AE

RWD WORKS DIV. FORBESGANJ

[Signature]
E.E.

RWD WORKS
DIV. FORBESGANJ

Ref. E.E. Letter No. 1561 (3158) dt 28/4/22

Technically Sanctioned For Rs. 9,58,434.00

Nine lac's Fifty eight thousand

four hundred thirty four Only

[Signature]
11/4/22
AG, circle

[Signature]
28/4/22
Interim Engineer
Rural Works Department
Works Circle, Kishanganj

Abstract of Cost

Name of Work : Estimate for Repairing/Restoration/Making Motorable Roads
Damaged during flood in JULY 2021 in ARARIA District

Name of Road:

RESTORATION OF ROAD FROM DEVPURA TO HARIZAN TOLA CUTTING-1

Block: FORBESGANJ

District: ARARIA

Division : RWD, Works Division, FORBESGANJ

Circle: RWD, Work Circle, Kishanganj

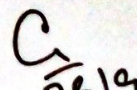
Sl No.	Description	Unit	Quantity (m3)	Rate (Rs)	Amount (Rs)
1	Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-charge.				
		Cum	495.93	627.77	311329.05
2	Labour for cutting 62mm to 75mm dia bamboo piles to size and making shoes & driving by jet machine etc. all complete job as per specification & direction of Engineer-in-Charge.				
		Mtr.	751.05	75.86	56973.60
3	Labour for fitting & fixing 62mm to 75mm 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 etc all complete job as per specification & direction of Engineer-in-Charge.				
		Mtr.	272.85	40.06	10930.53
4	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.				
		Each	12759.13	37.35	476511.76
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.				
		Cum	0.00	1851.91	0.00
6	Supply, laying and Carriage of of hume pipe 1000 mm dia (HPC), all complete job.				
		meter	0.00	5382.71	0.00
Total Amount (in Rs) =					855744.95


JE

RWD WORKS
DIV.
FORBESGANJ


AE

RWD WORKS DIV. FORBESGANJ


E.E.

RWD WORKS
DIV. FORBESGANJ

Detailed Estimate

Name of Road:

RESTORATION OF ROAD FROM DEVPURA TO HARIZAN TOLA CUTTING-1

Sl No.	Items of Works	Nos.	L (m)	B (m)	D (m) IN (Av.)	Quantity (m ³)
1	Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-charge.					
		1	45.70	(2.6+2.8)/2	(2.5+3.5+3.0)/3	370.17
		1	22.75	(1.4+1.5)/2	(1.5+2.5+1.75)/3	63.23
		1	25.75	(2.6+2.8)/2	(2.5+3.5+3.0)/3	208.58
		1	22.50	(1.4+1.5)/2	(1.5+2.5+1.75)/3	62.53
					TOTAL=	495.93
					Total Qty =	495.93
2	Labour for cutting 62mm to 75mm dia bamboo piles to size and making shoes & driving by jet machine etc. all complete job as per specification & direction of Engineer-in-Charge.					
		1	45.70	3.00	3.00	411.30
		1	22.75	3.00	3.00	204.75
		1	25.75	3.00	3.00	231.75
		1	22.50	3.00	2.00	135.00
					Total Qty =	751.05
3	Labour for fitting & fixing 62mm to 75mm 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 etc all complete job as per specification & direction of Engineer-in-Charge.					
		1	45.70	3.00		137.10
		1	22.75	3.00		68.25
		1	25.75	3.00		77.25
		1	22.50	3.00		67.50
					Total Qty =	272.85
2	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.					
		1	45.70	(0.9+1.5)/2	(2.5+3.5+3.0)/3	164.52
		1	22.75	(0.9+1.5)/2	(1.5+2.5+1.75)/3	52.33
		1	25.75	(0.9+1.5)/2	(2.5+3.5+3.0)/3	92.70
		1	22.50	(0.9+1.5)/2	(1.5+2.5+1.75)/3	51.75
					TOTAL=	361.30
					Total No. of EC Bags =304.83X35.315)	12759.13
					SAY NO OF BAGE=	12759
3	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.					
		1	0.00	5.50	0.20	0.00
		1	0.00	4.50	0.15	0.00
		1	0.00	4.50	0.15	0.00
		1	0.00	0.00	0.30	0.00
					Total Qty. =	0.00
4	Supply, laying and Carriage of of hume pipe 1000 mm dia (HPC), all complete job.					
		3	0.00	2.50		0.00
					Total Qty. =	0.00

JE

AE

C 26/19

Abstract of Cost

Name of Work : Estimate for Repairing/Restoration/Making Motorable Roads
Damaged during flood in JULY 2021 in ARARIA District

Name of Road:

RESTORATION OF ROAD FROM DEVPURA TO HARIZAN TOLA CUTTING-2

Block: FORBESGANJ

District: ARARIA

Divison : RWD, Works Division, FORBESGANJ

Circle: RWD, Work Circle, Kishanganj

Sl No.	Description	Unit	Quantity (m3)	Rate (Rs)	Amount (Rs)
1	Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-charge.				
		Cum	258.08	627.77	162017.38
2	Labour for cutting 62mm to 75mm dia bamboo piles to size and making shoes & driving by jet machine etc. all complete job as per specification & direction of Engineer-in-Charge.				
		Mtr.	405.00	75.86	30722.73
3	Labour for fitting & fixing 62mm to 75mm 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 etc all complete job as per specification & direction of Engineer-in-Charge.				
		Mtr.	135.00	40.06	5408.18
4	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.				
		Each	6074.18	37.35	226850.70
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.				

Abstract of Cost

Name of Work : Estimate for Repairing/Restoration/Making Motorable Roads
Damaged during flood in JULY 2021 in ARARIA District

Name of Road:

RESTORATION OF ROAD FROM DEVPURA TO HARIZAN TOLA CUTTING-2


Block: FORBESGANJ


District: ARARIA


Division : RWD, Works Division, FORBESGANJ

Circle: RWD, Work Circle, Kishanganj

Sl No.	Description	Unit	Quantity (m3)	Rate (Rs)	Amount (Rs)
1	Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-charge.				
		Cum	258.08	627.77	162017.38
2	Labour for cutting 62mm to 75mm dia bamboo piles to size and making shoes & driving by jet machine etc. all complete job as per specification & direction of Engineer-in-Charge.				
		Mtr.	405.00	75.86	30722.73
3	Labour for fitting & fixing 62mm to 75mm 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 etc all complete job as per specification & direction of Engineer-in-Charge.				
		Mtr.	135.00	40.06	5408.18
4	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.				
		Each	6074.18	37.35	226850.70
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.				
		Cum	40.50	1851.91	75002.50
6	Supply, laying and Carriage of of hume pipe 1000 mm dia (HPC), all complete job.				
		meter	0.00	5382.71	0.00
Total Amount (in Rs) =					500001.49


JE
RWD WORKS
DIV.
FORBESGANJ


AE
RWD WORKS DIV. FORBESGANJ


E.E.
RWD WORKS
DIV. FORBESGANJ

Detailed Estimate

Name of Road:

RESTORATION OF ROAD FROM DEVPURA TO HARIZAN TOLA CUTTING-2

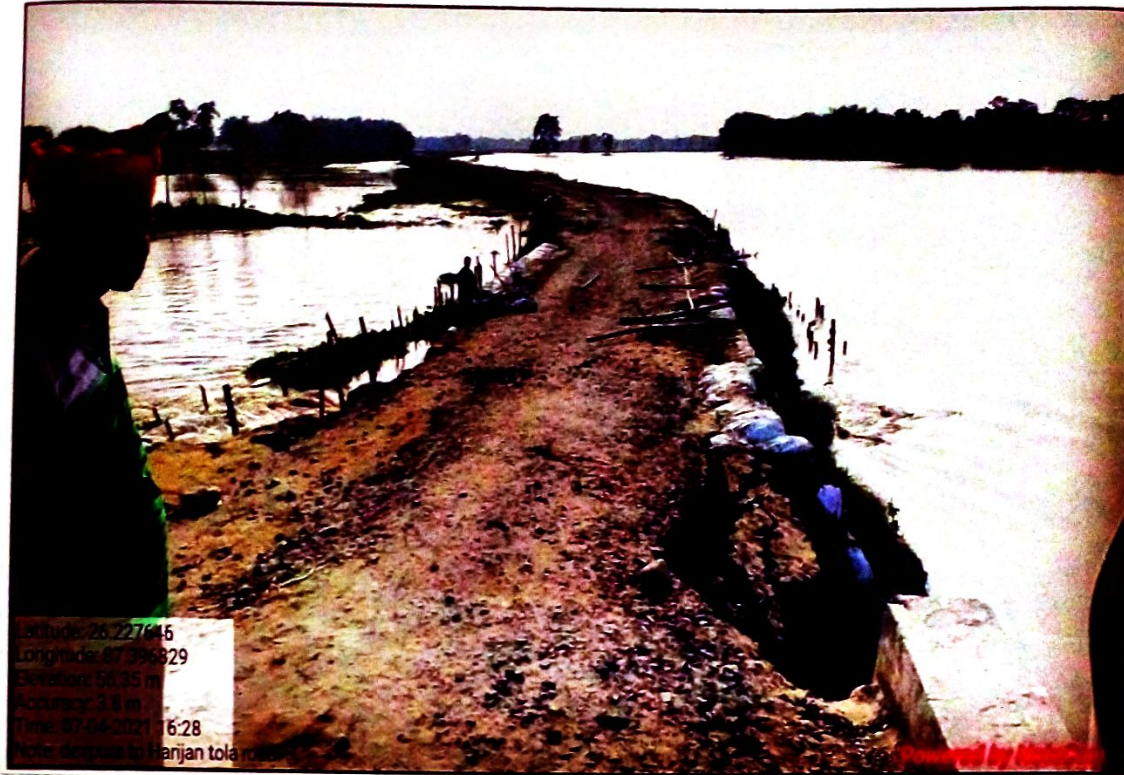
SI No.	Items of Works	Nos.	L (m)	B (m)	D (m) IN (Av.)	Quantity (m3)
1	Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-In-charge.					
		1	25.00	(2.6+2.8)/2	(2.5+3.5+3.0)/3	202.50
		1	20.00	(1.4+1.5)/2	(1.5+2.5+1.75)/3	55.58
		1	10.00	(5.6+5.8)/2	(2.5+3.5+3.0)/3	171.00
		1	0.00	(1.4+1.5)/2	(1.5+2.5+1.75)/3	0.00
					TOTAL=	258.08
					Total Qty =	258.08
2	Labour for cutting 62mm to 75mm dia bamboo piles to size and making shoes & driving by jet machine etc. all complete job as per specification & direction of Engineer-In-Charge.					
		1	25.00	3.00	3.00	225.00
		1	20.00	3.00	3.00	180.00
		1	10.00	3.00	3.00	90.00
		1	0.00	3.00	2.00	0.00
					Total Qty =	405.00
3	Labour for fitting & fixing 62mm to 75mm 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 etc all complete job as per specification & direction of Engineer-in-Charge.					
		1	25.00	3.00		75.00
		1	20.00	3.00		60.00
		1	10.00	3.00		30.00
		1	0.00	3.00		0.00
					Total Qty =	135.00
2	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.					
		1	25.00	(0.9+1.5)/2	(2.5+3.5+3.0)/3	90.00
		1	20.00	(0.9+1.5)/2	(1.5+2.5+1.75)/3	46.00
		1	10.00	(0.9+1.5)/2	(2.5+3.5+3.0)/3	36.00
		1	0.00	(0.9+1.5)/2	(1.5+2.5+1.75)/3	0.00
					TOTAL=	172.00
Total No. of EC Bags =304.83X35.315)						6074.18
SAY NO OF BAGE=						6074
3	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.					
		1	45.00	4.50	0.20	40.50
		1	0.00	4.50	0.15	0.00
		1	0.00	4.50	0.15	0.00
		1	0.00	0.00	0.30	0.00
					Total Qty. =	40.50
4	Supply, laying and Carriage of of hume pipe 1000 mm dia (HPC), all complete job.					
		3	0.00	2.50		0.00
					Total Qty. =	0.00

JE
17/08/21

AE
10/09/21

EE
26/09

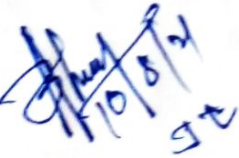
देवपुरा से हरिजन होला - CWHing-NO-1

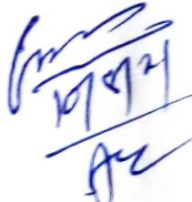


10/5/21
5/2

10/5/21
8/22




 10/8/21
 ST


 10/8/21
 AC



Latitude: 26.227681
Longitude: 87.396808
Elevation: 56.35 m
Accuracy: 3.8 m
Time: 07-04-2021 16:27
Note: devpura to Harijan tola



Latitude: 26.227681
Longitude: 87.397338
Elevation: 51.95 m
Accuracy: 3.8 m
Time: 07-04-2021 17:20
Note: devpura to Harijan tola

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10/8/21
5-2

[Handwritten signature]
10/8/21
12



P. P. Singh
 10/8/21
 5th

10/8/21
 A25



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 10/8/21
 5:00

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 10/8/21
 A-2



Handwritten signature and date:
 19/5/21
 3-2

Handwritten signature and date:
 19/5/21
 10



10/12/21
5:00



Latitude: 26.227758
Longitude: 87.396573
Elevation: 55.27 m
Accuracy: 3.8 m
Time: 10-21-2021 08:25
Note: devpura to Harijan tola road



Latitude: 26.227625
Longitude: 87.397309
Elevation: 56.36 m
Accuracy: 3.8 m
Time: 10-21-2021 10:30
Note: devpura to Harijan tola

10/10/21
52

देवपुरा से हरिजन टोला - cutting-2



10/5/21
5-2

10/5/21
A



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 10/8/21
 5e



Handwritten signature
 10/8/21
 52



10/8/21
5:45