

RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

CIRCLE – R.W.D. works Circle, Kishangani

DIVISION – R.W.D. works Division, Kishangani-1

Name of Work :- L031 deorikhas road to L031 deorikhas road
Block :- Terhagachh
Length of Road:-
Damage Length:-
Estimated cost :- Rs. 17,52,446 = 50 •

Year : 2021-22

प्रतिवेदन

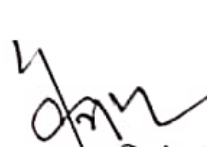
प्रस्तुत प्राक्कलन ग्रामीण कार्य विभाग कार्य प्रमंडल किशनगंज -1 अन्तर्गत प्रखंड के पथ ~~L031 Deorikhas road to L031 Deorikhas road~~ M.P. नं. 10/2020 जो विभागीय Online Monitoring System MIS पर अपलोड है के बाढ़ 2021 से क्षतिग्रस्त हो जाने के कारण यातायात लायक Moterale हेतु बनाया गया है। इस कार्य को करने 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 से Real time Geotagged Photographs को कार्य के दौरान अपलोड करते हुए (Moterale) कार्य कराना सुनिश्चित करने का निर्देश प्राप्त है।

उक्त निर्देश के आलोक में ~~Ratwa~~ नदी/नदी उपधार से आए बाढ़ के कारण इस पथ के रोडवे के क्षतिग्रस्त हो जाने से सुरक्षित आवागमन हेतु मोटेरेबल कार्य कराया गया है। MIS में अपलोडेड फोटो दिनांक का Lat/Long के साथ लिया गया है। नेपाल तराई से निकलनेवाली इस नदी के तेज धार से इस पथ में कटाव की स्थिति बनी। मोटेरेबल कार्य में आवश्यकतानुसार Bomboo Pilling/Pitching of E.C.Bag Filled With Local Sand/Local Sand Filling/Brick Bats का इस्तेमाल किया गया है। मोटेरेबल कार्य कराकर यातायात बहाल करा दिया गया है। निर्देशानुसार कराए गए कार्य की Geotagged Photo Realtime के साथ MIS पर उद्धृत 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 अद्यतन है

प्राक्कलन की यथाशीघ्र अनुमोदन अपेक्षित है ताकि अग्रेत्तर कार्रवाई की जा सके।


6/11/2021
कनीय अभियंता
ग्रामीण कार्य विभाग
कार्य प्रशाखा देहात


06.11.2021
सहायक अभियंता
ग्रामीण कार्य विभाग
कार्य अवर प्रमंडल देहात


कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल किशनगंज-1

Inspection Report for Flood Damage Work

Date:

1. Name of PIUs - Executive Eng. RWD works division, Kichangamji-1.
2. Name of Block/Road - Teshagachh / Lo31 deonikhash road to Lo31 deonikhash road.

A. For Road

1. Damage Location/Chainage :
2. Damage Length : 131m.
3. Nature of Damage : surface and flank damage.
4. Details of Restoration Works :
 - i. Material being used in Restoration works : brick bats
 - ii. Equipments/Tools being used in Restoration works : Tractor.
 - iii. Procedure taken up in Restoration works : manual.
 - iv. Restored Length : 131m.

B. For Bridge

1. Damage Location/Chainage :
2. Damage Length : N.A.
3. Nature of Damage :
4. Details of Restoration Works :
 - i. Material being used in Restoration works :
 - ii. Equipments/Tools being used in Restoration works :
 - iii. Procedure taken up in Restoration works :
 - iv. Restored Length : Satisfactory.

Signature of JE/AE/EE
21/4/22
21.04.2022

Signature
कार्यपालक अभियन्ता
(Name of Inspector)
प्रमाणिक कार्य विभाग
कार्य प्रणाली, अररिया

ग्रामीण कार्य विभाग
बिहार, सरकार

पत्रांक - मु0अ0-4 (मु0) विविध कार्य-23-60/2020 - 1937

पटना, दिनांक 07/07/2021

प्रेषक,

पंकज कुमार पाल (मा090300)
सचिव

सेवा में,

सभी कार्यपालक अभियंता
ग्रामीण कार्य विभाग,

विषय-

बाढ़ अतिवृष्टि से क्षतिग्रस्त पथों/पुलियों को यातायात लायक (Motorable) करने के संबंध में।

महाशय,

उपर्युक्त विषय के संबंध में निदेश दिया जाता है कि प्रमंडल अन्तर्गत सभी अभियंता बाढ़/अतिवृष्टि से क्षतिग्रस्त पथों का शत प्रतिशत निरीक्षण करेंगे। पथों/पुलियों के क्षतिग्रस्त भाग से पानी उतरते ही उसे यातायात लायक बनाने की कार्रवाई एवं Motorable किये जाने से पहले तथा Motorable कार्य के बाद का Real time, Geo tagged photographs को MIS पर तत्क्षण अपलोड किया जाना सुनिश्चित करेंगे। इन कार्यों को कराने हेतु कार्यपालक अभियंता पूर्ण रूप से जिम्मेवार होंगे। कार्य न कराने की स्थिति में उनके विरुद्ध अनुशासनिक कार्रवाई की बाध्यता होगी।

विश्वासभाजन

(पंकज कुमार पाल)

सचिव

ज्ञापक- मु0अ0-4 (मु0) विविध कार्य-23-60/2020 - 1937

पटना, दिनांक 07/7/2021

प्रतिलिपि:- सभी अधीक्षण अभियंता को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित। साथ ही उन्हें निदेश दिया जाता है कि वे लगातार अनुश्रवण एवं निरीक्षण करते हुए क्षतिग्रस्त भाग को अतिशीघ्र यातायात लायक बनवाने की कार्रवाई सुनिश्चित करेंगे।

सचिव

ज्ञापक- मु0अ0-4 (मु0) विविध कार्य-23-60/2020 - 1937

पटना, दिनांक 07/7/2021

प्रतिलिपि:- सभी मुख्य अभियंता, ग्रामीण कार्य विभाग को सूचनार्थ एवं लगातार अनुश्रवण करने हेतु प्रेषित।

सचिव

Abstract of Cost

Name of Work:- L031 deorikhas road to L031

Block :- Terhagachh

District:- Kishanganj

S.L No.	Name of cutting of roads	Amount (In Rs.)
1	1st Cutting	Rs 55908.00
2	2nd Cutting	Rs 6,27,301.00
3	3rd Cutting	Rs 724930.00
4	4th Cutting	Rs 344307.00
Total Cost=		Rs 17,52,446.00

Sd/-
6/11/21
J.E

RWD
Terhagachh

Sd/-
06.11.2021
A.E

R.W.D
Terhagachh

Sd/-

EE
RWD
Kishanganj-I

Technically Sanctioned for Rs:- (Rs:- Seventeen Lacs,
fifty two thousand four hundred forty five) only.

Pallavi
06/04/22

अधीक्षण अभियन्ता
ग्रामीण कार्य विभाग
कार्य अंचल, किशनगंज

ABSTRACT OF COST

Name of Work :-		L031 deorikhas road to L031 deorikhas Road , 1st cutting.
Block :-		Terhagachh
Sl. No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work :-	Rs 47872.00
B	Add 12 % GST	Rs 5745.00
C	Add 1 % L. Cess	Rs 479.00
D	Add S.Fee @ 10 % of Material Cost	Rs 1812.00
	Total Cost with GST, LC & S.Fee	Rs 55908.00

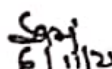
Sony
6/11/2024
J.E
RWD
Terhagachh


A.E 06/11/2024
R.W.D
Terhagachh


E.E
R.W.D
Kishanganj - I

Detailed Estimate

Detailed Estimate												
Name of Work :-			L031 deorikhas road to L031 deorikhas road, 1st cutting.									
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									
				1	36	2.00	-	-	72.00			
				0	0	0.00	-	-	0.00			
				Total:-					72.00	Mtr.	55.40	3989.00
3	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.									
				1	18	3.00	-	-	54.00			
				0	0	0.00	-	-	0.00			
				Total:-					54.00	Mtr.	30.27	1667.00
7	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									
				1	2	9.00	1.20	0.60	12.96			
				0	0	0.00	0.00	0.00	0.00			
				Total:-					12.96	Cum	2168.72	28107.00
13		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), stiching on two line by approved nylon thread with stiching 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.									
				1	2	9.00	0.70	1.00	12.60			
				0	0	0.00	0.00	0.00	0.00			
				Total:-					12.60	Cum		
				@ 0.034 Cum each bag					371	No.	38.03	14109.00
											TOTAL	47872.00


 J.E
 RWD
 Terhagachh


 A.E
 R.W.D
 Terhagachh


 E.E
 R.W.D
 Kishanganj - I

ABSTRACT OF QUANTITY & COST

Sl No	Item of Works	Quantity	Unit	Earth Work	Stone Materials			Brick Bats	Local Sand	Total
					26.5mm to 9.50mm	9.50mm to 4.75mm	4.75mm below			
1	Earth Work:-	0.00	Cum	0.000	-	-	-	-	-	-
2	GSD (Gr.-II) :-	0.00	Cum	-	0.000	0.000	0.000	-	-	-
3	Brick Bats:-	12.96	Cum	-	-	-	-	15.552	-	-
4	Local Sand Filling:-	0.00	Cum	-	-	-	-	-	0.000	-
5	Providing & Filling Empty Cement Bags:-	371.00	No.	-	-	-	-	-	12.614	-
6	Providing & Filling Empty Cement Bags in Nylon Crate:-	0.00	No.	-	-	-	-	-	0.000	-
Total Quantity:-				0.000	0.000	0.000	0.000	15.552	12.614	-
Rate:-				Rs 34.78	Rs 285.35	Rs 285.35	Rs 285.35	Rs 1050.00	Rs 141.85	Rs 18119.00
Total Amount:-				0.00	0.00	0.00	0.00	16330.00	1789.00	Rs 1812.00
				S.Fee@10% of M.Cost:-						Rs 1812.00

JE/RWD
Terhagachh

AE/RWD
Terhagachh

EE/RWD
Kishanganj-1

ABSTRACT OF COST

Name of Work :-		L031 deorikhas road to L031 ^{2nd} cutting ^{deorikhas road}
Block :-		Terhagachh
Sl. No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work :-	Rs 5,33,731 = 00
B	Add 12 % GST	Rs 64,048 = 00
C	Add 1 % L. Cess	Rs 5337 = 00
D	Add S.Fee @ 10 % of Material Cost	Rs 24,185 = 00
	Total Cost with GST, LC & S.Fee	Rs 6,27,301 = 00

Sd/-
6/11/21
J.E
RWD
Terhagachh


A.E 06-11-2021
R.W.D
Terhagachh


E.E
R.W.D
Kishanganj - I

Detailed Estimate

Detailed Estimate												
Name of Work :-			L031 deorikhas road to L031 2nd cutting									
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	1	220	3.00	-	-	660.00			
				0	0	0.00	-	-	0.00			
			Total:-						660.00	Mtr.	55.40	36564.00
3	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.	2	39	3.00	-	-	234.00			
				0	0	0.00	-	-	0.00			
			Total:-						234.00	Mtr.	30.87	7224.00
7	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	1	2	39.00	1.80	0.65	91.26			
				1	2	30.0	1.9	0.80	91.20			
			Total:-						182.46	Cum	2168.72	3,95,705.00
13		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.	1	2	39.00	0.90	1.20	84.24			
				0	0	0.00	0.00	0.00	0.00			
			Total:-						84.24	Cum		
			@ 0.034 Cum each bag						2478	No.	38.03	94238.00

TOTAL 5,33,731.00

Sd/-
J.E
RWD
Terhagachh

Sd/-
A.E
R.W.D
Terhagachh

Sd/-
E.E
R.W.D
Kishangachh - I

ABSTRACT OF QUANTITY & COST

Sl No	Item of Works	Quantity	Unit	Earth Work	Stone Materials			Brick Rate	Local Sand	Total
					26.5mm to 9.50mm	9.50mm to 4.75mm	4.75mm below			
1	Earth Work	0.00	Cum	0.000	-	-	-	-	-	-
2	GSD (Gr. II)	0.00	Cum	-	0.000	0.000	0.000	-	-	-
3	Brick Bats	218.35	Cum	-	-	-	-	218.35	-	-
4	Local Sand Filling	0.00	Cum	-	-	-	-	-	0.000	-
5	Providing & Filling Empty Cement Bags	2478.00	No.	-	-	-	-	-	84.252	-
6	Providing & Filling Empty Cement Bags in Nylon Crate	0.00	No.	-	-	-	-	-	0.000	-
Total Quantity::				0.000	0.000	0.000	0.000	218.35	84.252	-
Rate:-				Rs 34.78	Rs 285.35	Rs 285.35	Rs 285.35	Rs 1050.00	Rs 141.85	-
Total Amount:-				0.00	0.00	0.00	0.00	229,825	11951.00	Rs 24,18,50 = 2
										Rs 24,18,50 = 2
										S. Fee @ 10% of M. Cost:-

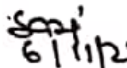
JE/RWD
Terhagachh

AE/RWD
Terhagachh

EE/RWD
Kishanganj-1

ABSTRACT OF COST

Name of Work :-		L031 deorikhas road to L031 deorikhas road , 2nd cutting
Block :-		Terhagachh
Sl. No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work :-	Rs 634373.00
B	Add 12 % GST	Rs 76125.00
C	Add 1 % L. Cess	Rs 6344.00
D	Add S.Fee @ 10 % of Material Cost	Rs 8088.00
	Total Cost with GST, LC & S.Fee	Rs 724930.00


J.E
RWD
Terhagachh


A.E 06.11.2021
R.W.D
Terhagachh


E.E
R.W.D
Kishanganj - I

Detailed Estimate

Detailed Estimate													
Name of Work :-			L031 deorikhas road to L031 deorikhas road , 3rd cutting.										
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	1	148	2.40	-	-	355.20				
				0	0	0.00	-	-	0.00				
				Total:-					355.20	Mtr.	55.40	19678.00	
3	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.	2	48	3.00	-	-	288.00				
				2	10	3.00	-	-	60.00				
				Total:-					348.00	Mtr.	30.87	10743.00	
6	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	1	1	48.00	6.00	2.30	662.40				
				1	1	10.00	6.50	1.55	155.00				
				1	1	11.00	5.00	1.00	55.00				
				Total:-					818.40	Cum	514.43	421010.00	
7	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	1	1	48.00	1.40	0.30	20.16				
				1	1	10.00	5.60	0.45	25.20				
				1	1	11.00	4.00	0.30	13.20				
				Total:-					58.56	Cum	2168.72	127000.00	
13		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.	1	1	58.00	0.80	1.00	46.40				
				1	1	12.00	0.60	0.50	3.60				
				Total:-					50.00	Cum			
				@ 0.034 Cum each bag					1471	No.	38.03	55942.00	
											TOTAL		634373.00

Sent
6/11/21
J.E
RWD
Terhagachh


A.E
06.11.2021
R.W.D
Terhagachh


E.E
R.W.D
Kishanganj - I

ABSTRACT OF QUANTITY & COST

Sl No	Item of Works	Quantity	Unit	Earth Work	Stone Materials			Brick Bats	Local Sand	Total
					26.5mm to 9.50mm	0.50mm to 4.75mm	4.75mm below			
1	Earth Work:-	0.00	Cum	0.000	-	-	-	-	-	-
2	GSI (Gr-II):-	0.00	Cum	-	0.000	0.000	0.000	-	-	-
3	Brick Bats:-	58.56	Cum	-	-	-	-	70.272	-	-
4	Local Sand Filling:-	0.00	Cum	-	-	-	-	-	0.000	-
5	Providing & Filling Empty Cement Bags:-	1471.00	No.	-	-	-	-	-	50.014	-
6	Providing & Filling Empty Cement Bags in Nylon Crate:-	0.00	No.	-	-	-	-	-	0.000	-
Total Quantity:-				0.000	0.000	0.000	0.000	70.272	50.014	-
Rate:-				Rs 34.78	Rs 285.35	Rs 285.35	Rs 285.35	Rs 1050.00	Rs 141.85	Rs 80880.00
Total Amount:-				0.00	0.00	0.00	0.00	73786.00	7094.00	Rs 80880.00
										S.Fee@10% of M.Cost:-

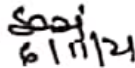
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27/1/24
JE/RWD
Terhagachh


06.11.2021
AE/RWD
Terhagachh

EE/RWD
Kishanganj-1

ABSTRACT OF COST

Name of Work :-		L031 deorikhas road to L031 deorikhas road, 4th cutting
Block :-		Terhagachh
Sl. No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work :-	Rs 295269.00
B	Add 12 % GST	Rs 35432.00
C	Add 1 % L. Cess	Rs 2953.00
D	Add S.Fee @ 10 % of Material Cost	Rs 10653.00
	Total Cost with GST, LC & S.Fee	Rs 344307.00

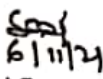

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RWD
Terhagachh


6/11/21
A.E
R.W.D
Terhagachh

E.E
R.W.D
— Kishanganj - I

Detailed Estimate

Name of Work :-			L031 deorikhas road to L031 deorikhas road, 4th cutting									
Sl. No.	SDB Sl. No.	MORD Ref.No	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
6	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									
				1	1	20.00	3.00	1.60	96.00			
				0	0	0.00	0.00	0.00	0.00			
				Total:-					96.00	Cum	514.43	49385.00
7	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									
				1	1	25.00	5.10	0.60	76.50			
				0	0	0.00	0.00	0.00	0.00			
				Total:-					76.50	Cum	2168.72	165907.00
13		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.									
				1	2	25.00	1.30	1.10	71.50			
				0	0	0.00	0.00	0.00	0.00			
				Total:-					71.50	Cum		
				@ 0.034 Cum each bag					2103	No.	38.03	79977.00
											TOTAL	295269.00

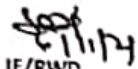

 J.E
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 Terhagachh


 A.E 06.11.21
 R.W.D
 Terhagachh

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ABSTRACT OF QUANTITY & COST

Sl No	Item of Works	Quantity	Unit	Earth Work	Stone Materials			Brick Rate	Local Sand	Total
					25.5mm to 9.50mm	9.50mm to 4.75mm	4.75mm below			
1	Earth Work	0.00	Cum	0.000						
2	GSIH (Gr. II)	0.00	Cum	-	0.000	0.000	0.000	-	-	
3	Brick Pats	76.50	Cum	-	-	-	-	-	-	
4	Local Sand Filling	0.00	Cum	-	-	-	-	91.800	-	
5	Providing & Filling Empty Cement Bags	2103.00	No.	-	-	-	-	-	0.000	
6	Providing & Filling Empty Cement Bags in Nylon Crate	0.00	No.	-	-	-	-	-	71.502	
	Total Quantity:-			0.000	0.000	0.000	0.000	91.800	71.502	
	Rate:-			Rs 34.78	Rs 285.35	Rs 285.35	Rs 285.35	Rs 1050.00	Rs 141.85	
	Total Amount:-			0.00	0.00	0.00	0.00	96390.00	10143.00	Rs 106533.00
								S.Fee@10% of M.Cost:-		Rs 10653.00


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