

RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

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

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

Name of Work :-	Kharra to Suiya Harijan tola
Block :-	Terhagachh
Length of Road:-	
Damage Length:-	
Estimated cost :-	Rs 2594181.00

Year : 2021-22

प्रतिवेदन

प्रस्तुत प्राक्कलन ग्रामीण कार्य विभाग कार्य प्रमंडल किशनगंज -1 अन्तर्गत प्रखंड के पथ Kharera to Suiya Harijamtola () जो विभागीय Online Monitoring System MIS पर अपलोड है के बाद 2021 से क्षतिग्रस्त हो जाने के कारण यातायात लायक Motorable 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 (Motorable) कार्य कराना सुनिश्चित करने का निर्देश प्राप्त है।

उक्त निर्देश के आलोक में 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 दिनांकका 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।

Sami
कनीय अभियंता
ग्रामीण कार्य विभाग
कार्य प्रशाखा

26.11.2021
सहायक अभियंता
ग्रामीण कार्य विभाग
कार्य अवर प्रमंडल Deprae

Om
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, Kishanganj-1.
2. Name of Block/Road - Toshagachh/Kharra to Suiya harijam tola.

A. For Road

1. Damage Location/Chainage :
2. Damage Length : 288 m.
3. Nature of Damage : Surface and Flank damage.
4. Details of Restoration Works :
 - i. Material being used in Restoration works : brick bats, local sand.
 - ii. Equipments/Tools being used in Restoration works : Tractor.
 - iii. Procedure taken up in Restoration works : manual.
 - iv. Restored Length : 288 m.

B. For Bridge

1. Damage Location/Chainage :
2. Damage Length :
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

4/4/22

Signature
कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, अररिया

ग्रामीण कार्य विभाग
बिहार, सरकार

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

पटना, दिनांक 07/07/2021

क,

पंकज कुमार पाल (भा0प्र0से0)
सचिव

वा में,

सभी कार्यपालक अभियंता
ग्रामीण कार्य विभाग,

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

नहाशय,

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 कारवाई 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

ज्ञापांक- 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

ज्ञापांक-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:- Kharra to Suiya Harijan tola

Block :- Terhagachh

District:- Kishanganj

S.L No.	Name of cutting of roads	Amount (In Rs.)
1	1st Cutting	Rs 893776.00
2	2nd Cutting	Rs 219852.00
3	3rd Cutting	Rs 1480553.00
	Total Cost=	Rs 2594181.00

Sanj
6/11/2021
J.E
RWD
Terhagachh

Sanj
06/11/2021
A.E
R.W.D
Terhagachh

Sanj
E.E
RWD
Kishanganj-1

Technically Sanctioned, for Rs:- 25,94,181=00 (Twenty five Lacs, ninety four thousand one hundred eighty one) only.

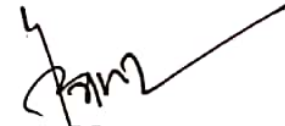
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06/04/22
E.O
अधीक्षक अभियन्ता
ग्रामीण कार्य विभाग
कार्य अंचल, किशनगंज

ABSTRACT OF COST

Name of Work :-		Kharra to Sulya Harijan tola
Block :-		Terhagachh
Sl. No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work :-	Rs 773893.00
B	Add 12 % GST	Rs 92867.00
C	Add 1 % L. Cess	Rs 7739.00
D	Add S.Fee @ 10 % of Material Cost	Rs 19277.00
	Total Cost with GST, LC & S.Fee	Rs 893776.00

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J.E
RWD
Terhagachh


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R.W.D
Terhagachh


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Kishanganj - I

Detailed Estimate

Name of Work :- Kharra to Suiya Harijan tola , 1st cutting.												
SDB Sl. No.	MORD Ref.No	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)	
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	
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	75	3.00	-	-	225.00				
			0	0	0.00	-	-	0.00				
			Total:-					225.00	Mtr.	30.87	6946.00	
5	9.2 (i)	1100 & 800	Sand filling or Type B (First class) bedding									
			Fillling and spreading local sand over brick bats as per drawing and technical specification Clause 305.3.9									
			1	1	75.00	2.00	1.00	150.00				
			0	0	0.00	0.00	0.00	0.00				
			Total:-					150.00	Cum	514.43	77165.00	
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	75.00	1.50	0.80	90.00				
			0	0	0.00	0.00	0.00	0.00				
			Total:-					90.00	Cum	2168.72	195185.00	
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), 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	1	75.00	1.95	2.80	409.50				
			0	0	0.00	0.00	0.00	0.00				
			Total:-					409.50	Cum			
			@ 0.034 Cum each bag					12044	No.	38.03	458033.00	
										TOTAL	773893.00	

Sanj
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J.E
RWD
Terhagachh

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Terhagachh

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Kishanganj - I

ABSTRACT OF QUANTITY & COST

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			
Earth Work:-	0.00	Cum	0.000	-	-	-	-	-	
SB (Gr.-II):-	0.00	Cum	-	0.000	0.000	0.000	-	-	
Brick Bats:-	90.00	Cum	-	-	-	-	108.000	-	
Local Sand ling:-	150.00	Cum	-	-	-	-	-	150.000	
Providing & lling Empty ment Bags:-	12044.00	No.	-	-	-	-	-	409.496	
Providing & lling Empty ment Bags Nylon ate:-	0.00	No.	-	-	-	-	-	0.000	
Total Quantity:-			0.000	0.000	0.000	0.000	108.000	559.496	
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	113400.00	79365.00	Rs 192765.00
							S.Fee@10% of M.Cost:-		Rs 19277.00

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JE/RWD
Terhagachh

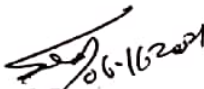
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AE/RWD
Terhagachh

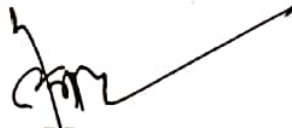
EE/RWD
Kishanganj-1

ABSTRACT OF COST

Name of Work :-		Kharra to Suiya Harijan tola 2nd cutting
Block :-		Terhagachh
Sl. No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work :-	Rs 190939.00
B	Add 12 % GST	Rs 22913.00
C	Add 1 % L. Cess	Rs 1909.00
D	Add S.Fee @ 10 % of Material Cost	Rs 4091.00
	Total Cost with GST, LC & S.Fee	Rs 219852.00

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J.E
RWD
Terhagachh


A.E
06-16-2021
R.W.D
Terhagachh


E.E
R.W.D
Kishanganj - I

Detailed Estimate

Name of Work :- Kharra to Suiya Harijan tola 2nd cutting												
SDB	MORD	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)	
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	205	2.00	-	-	410.00				
			0	0	0.00	-	-	0.00				
			Total:-						410.00	Mtr.	55.40	22714.00
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	69	3.00	-	-	207.00				
			0	0	0.00	-	-	0.00				
			Total:-						207.00	Mtr.	30.87	6390.00
9.2 (i)	1100 & 800	Sand filling or Type B (First class) bedding										
		Fillling and spreading local sand over brick bats as per drawing and technical specification Clause 305.3.9	0	1	75.00	2.00	1.00	0.00				
			0	0	0.00	0.00	0.00	0.00				
			Total:-						0.00	Cum	514.43	0.00
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	69.00	0.60	0.50	20.70				
			0	0	0.00	0.00	0.00	0.00				
			Total:-						20.70	Cum	2168.72	44893.00
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	69.00	1.50	1.01	104.54				
			0	0	0.00	0.00	0.00	0.00				
			Total:-						104.54	Cum		
		@ 0.034 Cum each bag						3075	No.	38.03	116942.00	
										TOTAL	190939.00	

Soni
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RWD
Terhagachh

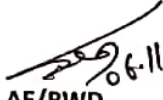
A.E
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R.W.D
Terhagachh

E.E
R.W.D
Kishanganj - I

ABSTRACT OF QUANTITY & COST

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			
Earth Work:-	0.00	Cum	0.000	-	-	-	-	-	
1B (Gr.-II):-	0.00	Cum	-	0.000	0.000	0.000	-	-	
Brick Bats:-	20.70	Cum	-	-	-	-	24.840	-	
Local Sand ling:-	0.00	Cum	-	-	-	-	-	0.000	
Providing & ling Empty ment Bags:-	3075.00	No.	-	-	-	-	-	104.550	
Providing & ling Empty ment Bags Nylon ate:-	0.00	No.	-	-	-	-	-	0.000	
Total Quantity:-			0.000	0.000	0.000	0.000	24.840	104.550	
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	26082.00	14830.00	Rs 40912.00
							S.Fee@10% of M.Cost:-		Rs 4091.00

Sanj
6/11/24
JE/RWD
Terhagachh


06.11.2024
AE/RWD
Terhagachh

EE/RWD
Kishanganj-1

ABSTRACT OF COST

Name of Work :-		Kharra to Suiya Harijan tola 3rd cutting
Block :-		Terhagachh
Sl. No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work :-	Rs 1282106.00
B	Add 12 % GST	Rs 153853.00
C	Add 1 % L. Cess	Rs 12821.00
D	Add S.Fee @ 10 % of Material Cost	Rs 31773.00
	Total Cost with GST, LC & S.Fee	Rs 1480553.00

S.S.
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RWD
Terhagachh

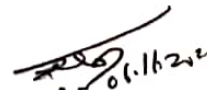
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Terhagachh

E.E.
R.W.D
Kishanganj - I

Detailed Estimate

Name of Work :-			Kharra to Suiya Harijan tola 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									
				2	150	2.40	-	-	720.00			
				1	800	2.40	-	-	1920.00			
				Total:-					2640.00	Mtr.	55.40	146256.00
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	360	2.00	-	-	720.00			
				0	0	0.00	-	-	0.00			
				Total:-					720.00	Mtr.	30.87	22226.00
6	9.2 (i)	1100 & 800	Sand filling or Type B (First class) bedding									
			Fillling and spreading local sand over brick bats as per drawing and technical specification Clause 305.3.9									
				1	2	50.00	1.00	0.70	70.00			
				1	7	30.00	1.05	0.65	143.33			
				1	1	58.00	0.90	0.80	41.76			
				Total:-					255.09	Cum	514.43	131226.00
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	50.00	0.95	0.52	49.40			
				1	7	30.00	0.75	0.56	88.20			
				1	1	58.00	0.75	0.50	21.75			
				Total:-					159.35	Cum	2168.72	345586.00
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	50.00	0.90	1.90	171.00			
				1	7	30.00	0.85	1.80	321.30			
				1	1	16.00	0.95	1.50	22.80			
				1	1	58.00	0.85	1.10	54.23			
				Total:-					569.33	Cum		
				@ 0.034 Cum each bag					16745	No.	38.03	636812.00
											TOTAL	1282106.00


 J.E.
 RWD
 Terhagachh


 A.E.
 R.W.D
 Terhagachh


 E.E.
 R.W.D
 Kishanganj - I

ABSTRACT OF QUANTITY & COST

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			
Earth Work:-	0.00	Cum	0.000	-	-	-	-	-	
GSB (Gr.-II):-	0.00	Cum	-	0.000	0.000	0.000	-	-	
Brick Bats:-	159.35	Cum	-	-	-	-	191.220	-	
Local Sand Filling:-	255.09	Cum	-	-	-	-	-	255.090	
Providing & Filling Empty Cement Bags:-	16745.00	No.	-	-	-	-	-	569.330	
Providing & Filling Empty Cement Bags in Nylon Crate:-	0.00	No.	-	-	-	-	-	0.000	
Total Quantity:-			0.000	0.000	0.000	0.000	191.220	824.420	
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	200781.00	116944.00	Rs 317725.00
						S.Fee@10% of M.Cost:-			Rs 31773.00

Soni
6/11/21
JE/RWD
Terhagachh


6/11/21
AE/RWD
Terhagachh

EE/RWD
Kishanganj-1