

RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

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

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

Name of Work :- Sernia L027 to Hariharpur yadav tola
Block :- Terhagachh
Length of Road:-
Damage Length:-
Estimated cost :- Rs 2225569.00

Year : 2021-22

प्रतिवेदन

प्रस्तुत प्राक्कलन ग्रामीण कार्य विभाग कार्य प्रगंडल किशनगंज -1 अन्तर्गत प्रखंड के पथ Sec. 102.3.10. Harikharpur, Jharkhand..... () जो विभागीय Online Moritring System MIS पर अपलोड है के बाद 2021 से क्षतिग्रस्त हो जाने के कारण यातायात लायक Moterable 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 (Moterable) 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/Pitiching 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 उद्घृत 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।

कनीय अभियंता
ग्रामीण कार्य विभाग
कार्य प्रशाखा

18.08.2021
सहायक अभियंता
ग्रामीण कार्य विभाग
कार्य अवर प्रमंडल 26/2/2021

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 Kichangang-1.
2. Name of Block/Road - Torhagachh/sermiya 1027 to haripur Yadev bh.

A. For Road

1. Damage Location/Chainage :
2. Damage Length : 364m.
3. Nature of Damage : surface and flank damage.
4. Details of Restoration Works :
i. Material being used in Restoration works : local sand, brick bats.
ii. Equipments/Tools being used in Restoration works : Tractor.
iii. Procedure taken up in Restoration works : manual.
iv. Restored Length : 364m.

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

कर्मचारी अभियन्त
ग्रामीण कार्य विभाग
(Name of Inspector)
काय प्रमोद, 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 यातायात लायक (Motorable) करने के संबंध में।

हाशय,

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 में 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 ज़िम्मेदार 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:- Sernia L027 to Hariharpur yadav tola

Block :- Terhagachh

District:- Kishanganj

S.L No.	Name of cutting of roads	Amount (In Rs.)
1	1st Cutting	Rs 1782818.00
2	2nd Cutting	Rs 77833.00
3	3rd Cutting	Rs 364918.00
	Total Cost=	Rs 2225569.00

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Technically Sanctioned for Rs:- 22,25,569=rs (Twenty two
Lacs, twenty five thousand five hundred sixty nine) only.

Pallavi
06/04/22
E.O

अधीक्षण अभियन्ता
ग्रामीण कार्य विभाग
कार्य अंचल, किशनगंज

ABSTRACT OF COST

Name of Work :-		Sernia L027 to Hariharpur yadav tola
Block :-		Terhagachh
Sl. No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work :-	Rs 1542388.00
B	Add 12 % GST	Rs 185087.00
C	Add 1 % L. Cess	Rs 15424.00
D	Add S.Fee @ 10 % of Material Cost	Rs 39919.00
	Total Cost with GST, LC & S.Fee	Rs 1782818.00

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Kishanganj - I

Detailed Estimate

Name of Work :- Sernia L027 to Hariharpur yadav 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	1	90	3.00	-	-	270.00			
				0	0	0.00	-	-	0.00			
			Total:-						270.00	Mtr.	55.40	14958.00
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.	3	90	2.50	-	-	675.00			
				0	0	0.00	-	-	0.00			
			Total:-						675.00	Mtr.	30.87	20837.00
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	3	30.00	3.10	1.10	306.90			
				0	0	0.00	0.00	0.00	0.00			
			Total:-						306.90	Cum	514.43	157879.00
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	3	30.00	2.45	0.85	187.43			
				0	0	0.00	0.00	0.00	0.00			
			Total:-						187.43	Cum	2168.72	406483.00
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	3	90.00	1.30	2.40	842.40			
				0	0	0.00	0.00	0.00	0.00			
			Total:-						842.40	Cum		
			@ 0.034 Cum each bag						24776	No.	38.03	942231.00
TOTAL												1542388.00

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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	-	-	-	-	-	
SSB (Gr.-II):-	0.00	Cum	-	0.000	0.000	0.000	-	-	
Brick Bats:-	187.43	Cum	-	-	-	-	224.916	-	
Local Sand Filling:-	306.90	Cum	-	-	-	-	-	306.900	
Providing & Filling Empty Cement Bags:-	24776.00	No.	-	-	-	-	-	842.384	
Providing & Filling Empty Cement Bags in Nylon Crate:-	0.00	No.	-	-	-	-	-	0.000	
Total Quantity:-			0.000	0.000	0.000	0.000	224.916	1149.284	
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	236162.00	163026.00	Rs 399188.00
							S.Fee@10% of M.Cost:-		Rs 39919.00

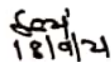
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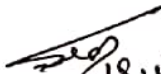
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Terhagachh

EE/RWD
Kishanganj-1

ABSTRACT OF COST

Name of Work :-		Sernia L027 to Hariharpur yadav tola 2nd
Block :-		Terhagachh
Sl. No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work :-	Rs 66767.00
B	Add 12 % GST	Rs 8012.00
C	Add 1 % L. Cess	Rs 668.00
D	Add S.Fee @ 10 % of Material Cost	Rs 2386.00
	Total Cost with GST, LC & S.Fee	Rs 77833.00

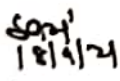

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18.11.2021
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Terhagachh


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Kishanganj - I

Detailed Estimate

Name of Work :- Sernia L027 to Hariharpur yadav tola 2nd												
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	66	2.00	-	-	132.00			
				0	0	0.00	-	-	0.00			
				Total:-					132.00	Mtr.	55.40	7313.00
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	22	3.00	-	-	66.00			
				0	0	0.00	-	-	0.00			
				Total:-					66.00	Mtr.	30.87	2037.00
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	22.00	0.90	0.85	16.83			
				0	0	0.00	0.00	0.00	0.00			
				Total:-					16.83	Cum	2168.72	36500.00
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	22.00	0.85	1.00	18.70			
				0	0	0.00	0.00	0.00	0.00			
				Total:-					18.70	Cum		
				@ 0.034 Cum each bag					550	No.	38.03	20917.00
											TOTAL	66767.00


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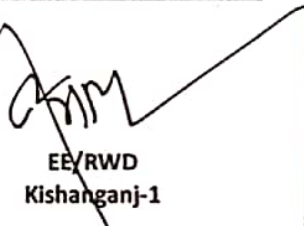

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ABSTRACT OF QUANTITY & COST

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:-	16.83	Cum	-	-	-	-	20.196	-	
Local Sand Filling:-	0.00	Cum	-	-	-	-	-	0.000	
Providing & Filling Empty Cement Bags:-	550.00	No.	-	-	-	-	-	18.700	
Providing & Filling Empty Cement Bags in Nylon Crate:-	0.00	No.	-	-	-	-	-	0.000	
Total Quantity:-			0.000	0.000	0.000	0.000	20.196	18.700	
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	21206.00	2653.00	Rs 23859.00
									S.Fee@10% of M.Cost:-
									Rs 2386.00

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18.05.2024
AE/RWD
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EE/RWD
Kishanganj-1

ABSTRACT OF COST

Name of Work :-		Sernia L027 to Hariharpur yadav tola 2nd
Block :-		Terhagachh
Sl. No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work :-	Rs 314712.00
B	Add 12 % GST	Rs 37765.00
C	Add 1 % L. Cess	Rs 3147.00
D	Add S.Fee @ 10 % of Material Cost	Rs 9294.00
	Total Cost with GST, LC & S.Fee	Rs 364918.00

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Kishanganj - I

Detailed Estimate

Name of Work :-			Sernia L027 to Hariharpur yadav tola 2nd									
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	190	3.00	-	-	570.00			
				0	0	0.00	-	-	0.00			
				Total:-					570.00	Mtr.	55.40	31578.00
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	90	2.00	-	-	180.00			
				0	0	0.00	-	-	0.00			
				Total:-					180.00	Mtr.	30.87	5557.00
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	27.00	1.60	0.80	34.56			
				1	1	35.00	1.25	0.55	24.06			
				Total:-					58.62	Cum	2168.72	127130.00
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	1	27.00	1.80	1.50	72.90			
				1	1	35.00	1.60	1.10	61.60			
				Total:-					134.50	Cum		
				@ 0.034 Cum each bag					3956	No.	38.03	150447.00
											TOTAL	314712.00

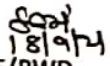

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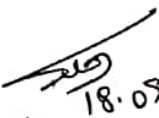

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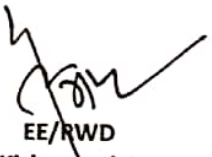

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ABSTRACT OF QUANTITY & COST

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:-	58.62	Cum	-	-	-	-	70.344	-	
Local Sand Filling:-	0.00	Cum	-	-	-	-	-	0.000	
Providing & Filling Empty Cement Bags:-	3956.00	No.	-	-	-	-	-	134.504	
Providing & Filling Empty Cement Bags in Nylon Crate:-	0.00	No.	-	-	-	-	-	0.000	
Total Quantity:-			0.000	0.000	0.000	0.000	70.344	134.504	
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	73861.00	19079.00	Rs 92940.00
							S.Fee@10% of M.Cost:-		Rs 9294.00


 18/09/21
 JE/RWD
 Terhagachh


 18.09.2021
 AE/RWD
 Terhagachh


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 Kishanganj-1