

RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

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

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

Name of Work :-

Balga to Bajradangi

Block :-

TERHAGACHH

Estimated cost :-

Rs 3376395

Year : 2021-22

प्रतिवेदन

प्रस्तुत प्राक्कलन ग्रामीण कार्य विभाग कार्य प्रमंडल किशनगंज -1 अन्तर्गत प्रखंड के पथ Baigna to Bairadangi (HMSY) जो विभागीय Online Moritring System MIS पर अपलोड है के बाढ़ 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 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।

20/9/2021
कनीय अभियंता
ग्रामीण कार्य विभाग
कार्य प्रशाखा टीडागाँव

20.09.2021
सहायक अभियंता
ग्रामीण कार्य विभाग
कार्य अवर प्रमंडल टीडागाँव

20/9/2021
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 Kishanganj-1.
2. Name of Block/Road - Terhagachh/ baigra to bajradangi.

A. For Road

1. Damage Location/Chainage :
2. Damage Length : 428m.
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 : 428m.

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

Signature

कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग
कृषि प्रजनन विभाग
भररिया

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

श मे,

सभी कार्यपालक अभियंता
ग्रामीण कार्य विभाग,

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

हाशय,

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

विश्वासभाजन

(पंकज कुमार पाल)

सचिव

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

पटना, दिनांक 07/7/2021

तिलिपि:- 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

क्रापांक- 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 :-		Baigna to bajradangi
Block :-		TERHAGACHH
Sl. No.	Particulars	Amount (In Rs.)
1	1st CUTTING	Rs 540740
2	2nd CUTTING	Rs 550070
3	3rd CUTTING	Rs 2285585
Total Cost		Rs 3376395

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Technically Sanctioned for Rs:- 33,76,395 = 00 (Rs:- Thirty three lacs seventy six thousand three hundred thirty five) only.

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

ABSTRACT OF COST

Name of Work :-		Baigna to Bajradangi(1ST TIME CUTTING)
Block :-		TERHAGACHH
Sl. No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work :-	Rs 435918.00
B	Add 12 % GST	Rs 52310.00
C	Add 1 % L. Cess	Rs 4359.00
D	Add S.Fee @ 10 % of Material Cost	Rs 48152.67
	Total Cost with GST, LC & S.Fee	Rs 540739.67

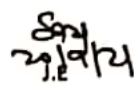
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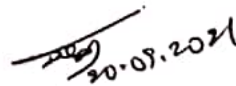
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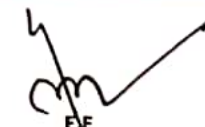
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Kishanganj - I

Detailed Estimate

Name of Work :-			Baigna to Bajradangi(1ST TIME 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	40	3.00	-	-	120.00			
				1	40	3.00	-	-	120.00			
				1	40	3.00	-	-	120.00			
				Total:-					360.00	Mtr.	55.40	19944.00
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.									
				1	20	3.00	-	-	60.00			
				1	20	3.00	-	-	60.00			
				1	20	3.00	-	-	60.00			
				Total:-					180.00	Mtr.	30.87	5557.00
3	9.2 (i)	1100 & 800	Sand filling or Type B (First class) bedding									
				1	2	10.00	0.50	1.50	15.00			
				1	2	10.00	0.50	1.50	15.00			
				1	2	10.00	0.50	1.50	15.00			
				Total:-					45.00	cum	514.43	23149.00
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									
				1	2	10.00	1.80	1.20	43.20			
				1	2	10.00	1.80	1.30	46.80			
				1	2	10.00	1.80	1.30	46.80			
				Total:-					136.80	Cum	2168.72	296681.00
4		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	10.00	0.90	1.50	27.00			
				1	2	10.00	0.90	1.50	27.00			
				1	2	10.00	0.90	1.50	27.00			
				Total:-					81.00	Cum		
				@ 0.034 Cum each bag					2382	No.	38.03	90587.00
											TOTAL	435918.00


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 TERHAGACHH


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 TERHAGACHH


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 Kishanganj - I

S.Fee Calulation

Sl.No.	Items	Qty.	Unit	Rate	Total Material Cost	<u>S.Fee@10% of material cost</u>
1	Earth work	0	Cum	34.78	0	
2	Local Sand	2382.00	Cum	141.85	337886.7	
3	Brick Bats	136.80	Cum	1050	143640	
Total:-					481526.7	48153

8/9/24
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ABSTRACT OF COST

Name of Work :-		Baigna to Bajradangi 2nd cutting
Block :-		Terhagachh
Sl. No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work :-	Rs 471565.00
B	Add 12 % GST	Rs 56588.00
C	Add 1 % L. Cess	Rs 4716.00
D	Add S.Fee @ 10 % of Material Cost	Rs 17201.00
	Total Cost with GST, LC & S.Fee	Rs 550070.00


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Terhagachh

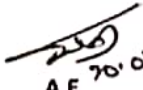

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R.W.D
Terhagachh


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Kishanganj - I

Detailed Estimate

Name of Work :- Baigana to Bajradangi 2nd 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	150	2.50	-	-	375.00			
			1	100	2.50	-	-	250.00			
			Total:-					625.00	Mtr.	55.40	34625.00
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.									
			2	48	3.00	-	-	288.00			
			1	40	3.00	-	-	120.00			
			Total:-					408.00	Mtr.	30.87	12595.00
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	2	48.00	1.50	0.60	86.40			
			1	1	40.00	1.40	0.60	33.60			
			Total:-					120.00	Cum	2168.72	260246.00
	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	2	48.00	0.80	1.40	107.52			
			1	1	40.00	0.70	1.40	39.20			
			Total:-					146.72	Cum		
			@ 0.034 Cum each bag					4315	No.	38.03	164099.00
										TOTAL	471565.00


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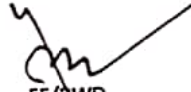

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ABSTRACT OF QUANTITY & COST

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	GSB (Gr. II) :-	0.00	Cum	-	0.000	0.000	0.000	-	-	-
3	Brick Bats :-	120.00	Cum	-	-	-	-	144.000	-	-
4	Local Sand Filling :-	0.00	Cum	-	-	-	-	-	0.000	-
5	Providing & Filling Empty Cement Bags :-	4315.00	No.	-	-	-	-	-	146.710	-
6	Providing & Filling Empty Cement Bags in Nylon Crate :-	0.00	No.	-	-	-	-	-	0.000	-
Total Quantity :-				0.000	0.000	0.000	0.000	144.000	146.710	-
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	151200.00	20811.00	Rs 172011.00
				S.Fee@10% of M.Cost :-						Rs 17201.00


 20/09/21
 JE/RWD
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 Terhagachh


 EE/RWD
 Kishanganj-1

ABSTRACT OF COST

Name of Work :-	Baigna to Bajradangi 3rd cutting	
Block :-	Terhagachh	
Sl. No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work :-	Rs 1962704.00
B	Add 12 % GST	Rs 235524.00
C	Add 1 % L. Cess	Rs 19627.00
D	Add S.Fee @ 10 % of Material Cost	Rs 67730.27
	Total Cost with GST, LC & S.Fee	Rs 2285585.27

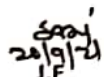
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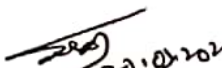
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Detailed Estimate

Name of Work :- Baigana to Bajradangi 3rd cutting												
SDB	MORD	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)	
Sl. No.	Ref.No											
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	350	3.00	-	-	1050.00				
			1	400	3.00	-	-	1200.00				
			Total:-						2250.00	Mtr.	55.40	124650.00
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	120	4.00	-	-	480.00				
			1	210	4.00	-	-	840.00				
			Total:-						1320.00	Mtr.	30.87	40748.00
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	10	30.00	1.85	0.75	416.25				
			1	1	35.00	1.68	0.68	39.98				
			Total:-						456.23	Cum	2168.72	989435.00
	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	10	30.00	1.10	1.95	643.50				
			1	1	35.00	1.25	1.80	78.75				
			Total:-						722.25	Cum		
			@ 0.034 Cum each bag						21243	No.	38.03	807871.00
										TOTAL		1962704.00


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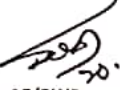

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ABSTRACT OF QUANTITY & COST

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	GSI (Gr. II):-	0.00	Cum	-	0.000	0.000	0.000	-	-	-
3	Brick Bats:-	456.23	Cum	-	-	-	-	547.476	-	-
4	Local Sand Filling:-	0.00	Cum	-	-	-	-	-	0.000	-
5	Providing & Filling Empty Cement Bags:-	21243.00	No.	-	-	-	-	-	722.262	-
6	Providing & Filling Empty Cement Bags in Nylon Crate:-	0.00	No.	-	-	-	-	-	0.000	-
Total Quantity:-				0.000	0.000	0.000	0.000	547.476	722.262	-
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	574849.80	102452.86	Rs 677302.66
										S.Fee@10% of M.Cost:- Rs 67730.27

Sai
20/5/21
JE/RWD
Terhagachh


20.05.2021
AE/RWD
Terhagachh


EE/RWD
Kishanganj-1