

RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

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

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

Name of Work :- Dhaveli PWD Road to Doria
Block :- Terhagachh
Length of Road:-
Damage Length:-
Estimated cost :- Rs 1903836.00

Year : 2021-22

प्रतिवेदन

प्रस्तुत प्राक्कलन ग्रामीण कार्य विभाग कार्य प्रगंडल किशनगंज -1 अन्तर्गत प्रखंड के पथ (mmmm) 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 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।

25/10/2021
कनीय अभियंता
ग्रामीण कार्य विभाग
कार्य प्रशाखा

25.10.2021
सहायक अभियंता
ग्रामीण कार्य विभाग
कार्य अवर प्रगंडल

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रगंडल किशनगंज-1

Inspection Report for Flood Damage Work

Date:

1. Name of PIUs - Executive Eng. Q.W.D. works division, Kishanganj-1.
2. Name of Block/Road - Terhagachh/ Gihaweli P.W.D. Sadak to doziga.

A. For Road

1. Damage Location/Chainage :
2. Damage Length : 162m.
3. Nature of Damage : Surface
4. Details of Restoration Works :
 - i. Material being used in Restoration works : Local sand, black bet.
 - ii. Equipments/Tools being used in Restoration works : Tractor.
 - iii. Procedure taken up in Restoration works :
 - iv. Restored Length : 162m.

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
5.6.08.022

Signature
21/4/22

Signature
21/4/22
कायपालिक अभियन्ता
(Name of Inspector)
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, 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 (भा0प0र00)
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 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
जिम्मेदार होंगे। कार्य न कराने की स्थिति में उनके विरुद्ध अनुशासनिक कार्रवाई की बाध्यता
होगी।

विश्वासभाजन

(पंकज कुमार पाल)

सचिव

पटना, दिनांक 07/7/2021

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

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।

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

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

सचिव

पटना, दिनांक 07/7/2021

सचिव

Abstract of Cost

Name of Work:- Dhaveli PWD Road to Doria

Block :- Terhagachh

District:- Kishanganj

S.L No.	Name of cutting of roads	Amount (In Rs.)
1	1st Cutting	Rs 777281.00
2	2nd Cutting	Rs 644283.00
3	3rd Cutting	Rs 482272.00
	Total Cost=	Rs 1903836.00

25/10/2021

J E

RWD

Terhagachh

25/10/2021

A.E

R.W.D

Terhagachh

25/10/2021

EE

RWD

Kishanganj-1

Technically sanctioned for Rs:- 19,03,836 = 00 (Rs:- Nineteen
Lacs three thousand eight hundred thirty six) only.

06/04/22

E.O

अधीक्षक अभियन्ता
ग्रामीण कार्य विभाग
कार्य अंचल, किशनगंज

ABSTRACT OF COST

Name of Work :-		Dhaveli PWD Road to Doria
Block :-		Terhagachh
Sl. No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work :-	Rs 679085.00
B	Add 12 % GST	Rs 81490.00
C	Add 1 % L. Cess	Rs 6791.00
D	Add S.Fee @ 10 % of Material Cost	Rs 9915.00
	Total Cost with GST, LC & S.Fee	Rs 777281.00

25/10/21
J.E
RWD
Terhagachh

25.10.2021
A.E
R.W.D
Terhagachh

25/10/21
E.E
R.W.D
Kishanganj - I

Detailed Estimate

Name of Work :- Dhaveli PWD Road to Doria												
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	51	3.00	-	-	153.00			
				1	110	2.00	-	-	220.00			
				Total:-					373.00	Mtr.	55.40	20664.00
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	17.00	2.80	2.30	109.48			
				1	2	40.00	2.70	2.40	518.40			
				Total:-					627.88	Cum	514.43	323000.00
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	17.00	1.20	0.30	6.12			
				1	2	40.00	1.50	0.60	72.00			
				Total:-					78.12	Cum	2168.72	169420.00
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	17.00	0.80	1.50	20.40			
				1	2	40.00	0.80	2.00	128.00			
				Total:-					148.40	Cum		
			@ 0.034 Cum each bag						4365	No.	38.03	166001.00
											TOTAL	679085.00

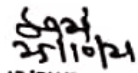
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J.E
RWD
Terhagachh

25/10/2021
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Terhagachh

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Kishanganj - I

ABSTRACT OF QUANTITY & COST

SI 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:-	78.12	Cum	-	-	-	-	-	-	
4	Local Sand Filling:-	0.00	Cum	-	-	-	-	93.744	-	
5	Providing & Filling Empty Cement Bags:-	148.40	No.	-	-	-	-	-	0.000	
6	Providing & Filling Empty Cement Bags in	0.00	No.	-	-	-	-	-	5.046	
									0.000	
	Total Quantity:-			0.000	0.000	0.000	0.000	93.744	5.046	
	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	98431.00	716.00	
										Rs 99147.00
										Rs 9915.00
										S.Fee@10% of M.Cost:-


 JE/RWD
 Terhagachh


 AE/RWD
 Terhagachh

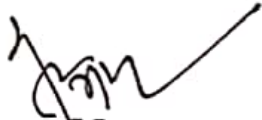

 EE/RWD
 Kishanganj-1

ABSTRACT OF COST

Name of Work :-		Dhaveli PWD Road to Doria 2nd cutting
Block :-		Terhagachh
Sl. No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work :-	Rs 568858.00
B	Add 12 % GST	Rs 68263.00
C	Add 1 % L. Cess	Rs 5689.00
D	Add S.Fee @ 10 % of Material Cost	Rs 1473.00
Total Cost with GST, LC & S.Fee		Rs 644283.00


25/10/24
J.E
RWD
Terhagachh


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Terhagachh

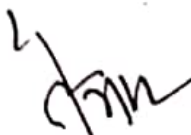

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R.W.D
Kishanganj - I

Detailed Estimate

Detailed Estimate												
Name of Work :-			Dhaveli PWD Road to Doria 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									
				2	120	3.00	-	-	720.00			
				0	0	0.00	-	-	0.00			
				Total:-					720.00	Mtr.	55.40	39888.00
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	40	3.00	-	-	240.00			
				0	0	0.00	-	-	0.00			
				Total:-					240.00	Mtr.	30.87	7409.00
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	2	40.00	0.90	1.00	72.00			
				1	1	35.00	0.80	1.00	28.00			
				Total:-					100.00	Cum	514.43	51443.00
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	40.00	0.60	0.60	28.80			
				1	1	35.00	0.65	0.60	13.65			
				Total:-					42.45	Cum	2168.72	92062.00
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	40.00	1.50	2.00	240.00			
				1	1	35.00	1.40	2.00	98.00			
				Total:-					338.00	Cum		
				@ 0.034 Cum each bag					9941	No.	38.03	378056.00
TOTAL												568858.00

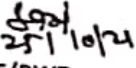
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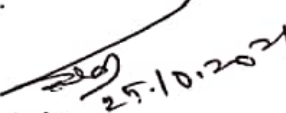

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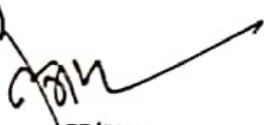

E.E.
R.W.D
Kishanganj-I

ABSTRACT OF QUANTITY & COST

o	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:-	42.45	Cum	-	-	-	-	50.940	-	-
	Local Sand Filling:-	0.00	Cum	-	-	-	-	-	0.000	-
	Providing & Filling Empty Cement Bags:-	9941.00	No.	-	-	-	-	-	337.994	-
	Providing & Filling Empty Cement Bags in Nylon Crate:-	0.00	No.	-	-	-	-	-	0.000	-
	Total Quantity:-			0.000	0.000	0.000	0.000	12.000	14.994	
	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	12600.00	2127.00	Rs 14727.00
								S.Fee@10% of M.Cost:-		Rs 1473.00


 25/10/24
 JE/RWD
 Terhagachh


 25.10.2024
 AE/RWD
 Terhagachh


 EE/RWD
 Kishanganj-1

ABSTRACT OF COST

Name of Work :-		Dhaveli PWD Road to Doria 3rd cutting
Block :-		Terhagachh
Sl. No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work :-	Rs 418845.00
B	Add 12 % GST	Rs 50261.00
C	Add 1 % L. Cess	Rs 4188.00
D	Add S.Fee @ 10 % of Material Cost	Rs 8978.00
Total Cost with GST, LC & S.Fee		Rs 482272.00

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Kishanganj - I

Detailed Estimate

Detailed Estimate												
Name of Work :-			Dhaveli PWD Road to Doria 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	110	3.00	-	-	330.00			
				0	0	0.00	-	-	0.00			
			Total:-						330.00	Mtr.	55.40	18282.00
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	36	3.00	-	-	108.00			
				0	0	0.00	-	-	0.00			
			Total:-						108.00	Mtr.	30.87	3334.00
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	20.00	3.00	2.00	120.00			
				1	1	10.00	2.90	1.90	55.10			
			Total:-						175.10	Cum	514.43	90077.00
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	20.00	2.90	0.60	34.80			
				1	1	10.00	2.80	0.60	16.80			
			Total:-						51.60	Cum	2168.72	111906.00
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	36.00	1.80	2.20	142.56			
				1	1	10.00	1.60	2.00	32.00			
			Total:-						174.56	Cum		
			@ 0.034 Cum each bag						5134	No.	38.03	195246.00
			TOTAL									418845.00

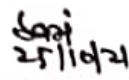
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25.11.2021
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R.W.D
Terhagachh

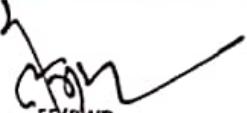
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Kishanganj - I

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	GSI (Gr-II) -	0.00	Cum	-	0.000	0.000	0.000	-	-	-
3	Brick Bats	51.60	Cum	-	-	-	-	61.920	-	-
4	Local Sand Filling -	0.00	Cum	-	-	-	-	-	0.000	-
5	Providing & Filling Empty Cement Bags:-	5134.00	No.	-	-	-	-	-	174.556	-
6	Providing & Filling Empty Cement Bags in Nylon Crate:-	0.00	No.	-	-	-	-	-	0.000	-
Total Quantity :-				0.000	0.000	0.000	0.000	61.920	174.556	-
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	65016.00	24761.00	-
S.Fee@10% of M.Cost:-										Rs 8977.00
										Rs 8978.00


 JE/RWD
 Terhagachh


 25.10.2021
 AE/RWD
 Terhagachh


 EE/RWD
 Kishanganj-1