

RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

FDR (Emargent Work)

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

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

Name of Work :-	T04-Sondho High School to Modho Mohra
Block :-	Kochadhaman
Length of Road:-	4.400 KM
Damage Length:-	0.190 KM
Estimated cost :-	Rs 1705488.00

Year : 2021-22

प्रतिवेदन

प्रस्तुत प्राक्कलन ग्रामीण कार्य विभाग, कार्य प्रमंडल, किशनगंज-1 अंतर्गत कोचाधामन प्रखंड के पथ "T04-Sondho High School to Modho Mohra" जो विभागीय Online Monitoring Syatem MIS पर अपलोड है के बाद 2021 से क्षतिग्रस्त हो जाने के कारण यातायात लायक Motorable हेतु बनाया गया है। इस कार्य को कराने 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 geo-tagged photograph को कार्य के दौरान अपलोड करते हुए (Motorable) कार्य कराना सुनिश्चित करने का निर्देश प्राप्त है।

उक्त निर्देश के आलोक मेंनदी/नदी उपधार से आए बाढ़ के कारण इस पथ के Road way के क्षतिग्रस्त हो जाने से सुरक्षित आवागमन हेतु Motorable कार्य कराया गया है। MIS में अपलोडेड फोटो दिनांकका Lat/Long के साथ लिया गया है। नेपाल तराई से निकलने वाली इस नदी के तेज धार से इस पथ में कटाव की स्थिति बनी। Motorable कार्य में आवश्यकता अनुसार Bamboo Pilling / Pitching of E.C. Bags filled with local sand / Local sand filling / Brick bats का इस्तेमाल किया गया है। Motorable कार्य कराकर यातायात बहाल कर दिया गया है। निर्देशानुसार कराये गए कार्य का Geo-tagged photo real time के साथ MIS पर अपलोड 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।

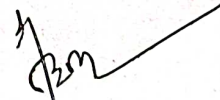
प्राक्कलन की यथा शीघ्र अनुमोदन अपेक्षित है ताकि अग्रेतर कार्रवाई की जा सके।


13.11.21.

कनीय अभियंता
ग्रामीण कार्य विभाग
कार्य प्रशाखा- कोचाधामन


13/11/21

सहायक अभियंता
ग्रामीण कार्य विभाग
कार्य अवर प्रमंडल- कोचाधामन



कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, किशनगंज -1

Inspection Report for Flood Damage Work

1. Name of PIUs

: R.W.D Kishengauri

2. Name Of Block / Road

: To 4 - Sondho High School to Modho Mohra
under Kochadhamen Block.

A. For Road

1. Damage Location / Chainage

:

2. Damage Length

: - 0.190 KM

3. Nature Of Damage

:

4. Details Of Restoration

:

i) Material Being Used In Restoration

:

ii) Equipment / Tools Being Used In Restoration Works

Bamboo, Bricks Bats, H.P.

: Tractor, JCB, Bamboo Piling Machine.

iii) Procedure Taken Up In Restoration Works

:

iv) Restored Length

: - 0.190 KM.

B. For Bridge

1. Damage Location / Chainage

:

2. Damage Length

:

3. Nature Of Damage

:

4. Details Of Restoration

:

i) Material Being Used In Restoration

:

ii) Equipment / Tools Being Used in Restoration Works

:

iii) Procedure Taken Up In Restoration Works

:

iv) Restored Length

:

Satisfactory

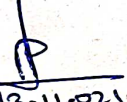
Signature of JE / AE / EE
03.12.21
JE

Signature

(Name of Inspector)
कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, अररिया

ABSTRACT OF COST

Name of Work :-		T04-Sondho High School to Modho Mohra
Block :-		Kochadhaman
Length of Road:-		4.400 KM
Damage Length:-		0.190 KM
Sl. No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work :-	Rs 693796.00
B	Add 12 % GST	Rs 83256.00
C	Add 1 % L. Cess	Rs 6938.00
D	Add S.Fee @ 10 % of Material Cost	Rs 29608.00
	Total Cost with GST, LC & S.Fee:-	Rs 813598.00
Part:- "II"		
A	Cost of Restoration work :-	Rs 751769.00
B	Add 12 % GST	Rs 90212.00
C	Add 1 % L. Cess	Rs 7518.00
D	Add S.Fee @ 10 % of Material Cost	Rs 42391.00
	Total Cost with GST, LC & S.Fee (Part-I):-	Rs 891890.00
	Total Cost with GST, LC & S.Fee (Part-I & II):-	Rs 1705488.00


13-11-21
J.E/RWD
Kochadhaman


13/11/21
A.E/RWD
Kochadhaman


E.E/RWD
Kishanganj - I

Technically sanctioned for Rs. 1705488/- (Seventeen lakh, five thousand, four hundred Eighty eight) only.


06/04/22
E.O


अधीक्षण अभियन्ता
ग्रामीण कार्य विभाग
कार्य अंचल, किशनगंज

Detailed Estimate

Name of Road:-			T04-Sondho High School to Modho Mohra									
Sl. No.	SDB Sl. No.	MORD Ref.No	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
Part:- "I"												
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	34	2.50	-	-	85.00			
				1	42	2.50	-	-	105.00			
				2	42	2.50	-	-	210.00			
				1	74	2.50	-	-	185.00			
				1	12	2.50	-	-	30.00			
				1	50	2.50	-	-	125.00			
				1	20	2.50	-	-	50.00			
				1	14	2.50	-	-	35.00			
				1	50	2.50	-	-	125.00			
				Total:-					950.00	Mtr.	55.40	52630.00
2	WRD	5.7.8	Providing, fitting and fixing split bamboo woven chachari in position with 20 swg G.I. wire or 75 mm to 100 mm long nails alternatively including cost of G.I. wire or nails, bamboo labour for complete job as per specification and direction of E / I.									
				1	1	17.00	2.50	-	42.50			
				1	1	21.00	2.50	-	52.50			
				1	1	21.00	2.50	-	52.50			
				1	1	37.00	2.50	-	92.50			
				Total:-					240.00	Sqm	474.85	113964.00
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	3	17.00	-	-	51.00			
				1	3	21.00	-	-	63.00			
				2	3	21.00	-	-	126.00			
				1	3	37.00	-	-	111.00			
				1	3	6.00	-	-	18.00			
				1	3	25.00	-	-	75.00			
				1	3	10.00	-	-	30.00			
				1	3	7.00	-	-	21.00			
				1	3	25.00	-	-	75.00			
				Total:-					570.00	Mtr.	30.87	17596.00

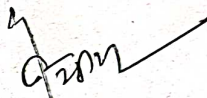
Sl. No.	SDB Sl. No.	MORD Ref.No	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
4	WRD	5.7.40	Brick bats									
			Providing laying and spreading brick bats in Road ditches all complete as per approved design, specifications and direction of E/I									
				1	1	17.00	1.60	0.75	20.40			
				1	1	21.00	1.50	1.00	31.50			
				1	2	21.00	1.20	1.20	60.48			
				1	1	37.00	1.00	1.20	44.40			
				1	1	6.00	1.20	0.75	5.40			
				1	1	25.00	1.00	1.20	30.00			
				1	1	10.00	1.20	0.75	9.00			
				1	1	7.00	1.20	0.75	6.30			
				1	1	25.00	1.10	1.00	27.50			
				Total:-					234.98	Cum	2168.72	509606.00
											Total:-	693796.00


13-11-21

J.E/RWD
Kochadhaman


13/11/21

A.E/RWD
Kochadhaman


E.E/RWD
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	GSB (Gr.-II):-	0.00	Cum	-	0.000	0.000	0.000	-	-	
3	Brick Bats:-	234.98	Cum	-	-	-	-	281.976	-	
4	Local Sand Filling:-	0.00	Cum	-	-	-	-	-	0.000	
5	Providing & Filling Empty Cement Bags:-	0.00	No.	-	-	-	-	-	0.000	
6	Providing & Filling Empty Cement Bags in Nylon Crate:-	0.00	No.	-	-	-	-	-	0.000	
		Total Quantity:-		0.000	0.000	0.000	0.000	281.976	0.000	
		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	296075.00	0.00	Rs 296075.00
								S.Fee@10% of M.Cost:-		Rs 29608.00


 13.11.21
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 Kochadhaman


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Detailed Estimate

Name of Road:-		T04-Sondho High School to Modho Mohra										
Sl. No.	SDB Sl. No.	MORD Ref.No	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
Part:- "II"												
1	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	5.00	(6.5+5.0)/2	(1.8+1.5)/2	47.44			
				1	1	30.00	(6.0+5.0)/2	1.50	247.50			
				1	1	5.00	(6.5+5.0)/2	(1.8+1.5)/2	47.44			
			Desduct for Pipe area-									
				1	1	5.00	$\pi (1.23*1.23)/4$		-5.94			
									Total:- 336.44	Cum	2168.72	729644.00
2			RCC Pipe NP3 as per design in Single Row (1000mm Dia.)									
			Providing and laying reinforced cement concrete pipe NP3 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets Clause 1106.									
				1	2	2.50	-	-	5.00			
									Total:- 5.00	Mtr.	4425.07	22125.00
											Total:-	751769.00

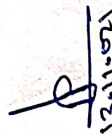

 13-11-21
 JE/RWD
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ABSTRACT OF QUANTITY & COST

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:-	336.44	Cum	-	-	-	-	403.728	-	
4	Local Sand Filling:-	0.00	Cum	-	-	-	-	-	0.000	
5	Providing & Filling Empty Cement Bags:-	0.00	No.	-	-	-	-	-	0.000	
6	Providing & Filling Empty Cement Bags in Nylon Crate:-	0.00	No.	-	-	-	-	-	0.000	
		Total Quantity :-		0.000	0.000	0.000	0.000	403.728	0.000	
		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	423914.00	0.00	Rs 423914.00
								S.Fee@10% of M.Cost:-		Rs 42391.00


 13.11.21
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 13/11/21
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