

RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

FDR (Emargent Work)

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

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

Name of Work :-	T01-PWD Path Bahadurganj Jurel Chowk se Bhattabari Hote Huye
Block :-	Bahadurganj
Length of Road:-	9.500 KM
Damage Length:-	0.150 KM
Estimated cost :-	Rs 2956721.00

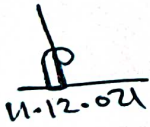
Year : 2021-22

प्रतिवेदन

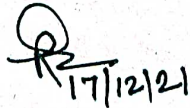
प्रस्तुत प्राक्कलन ग्रामीण कार्य विभाग, कार्य प्रमंडल, किशनगंज-1 अंतर्गत बहादुरगंज प्रखंड के पथ "T01-PWD Path Bahadurganj Jurel Chowk se Bhattabari Hote Huye" जो विभागीय Online Monitoring Syatem MIS पर अपलोड है के बाद 2021 से क्षतिग्रस्त हो जाने के कारण यातायात लायक Motorable हेतु बनाया गया है। इस कार्य 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।

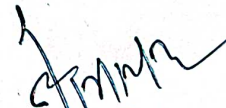
प्राक्कलन की यथा शीघ्र अनुमोदन अपेक्षित है ताकि अग्रेतर कार्रवाई की जा सके।


11.12.21

कनीय अभियंता
ग्रामीण कार्य विभाग
कार्य प्रशाखा- बहादुरगंज


17/12/21

सहायक अभियंता
ग्रामीण कार्य विभाग
कार्य अवर प्रमंडल- बहादुरगंज



कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, किशनगंज -1

Inspection Report for Flood Damage Work

1. Name of PIUs : R.W.D. Kishanganj-1
2. Name Of Block / Road : Tol- PWD Pat's Bahadunganj Joraj
chowk se Blattaban' Hote Huye under
Bahadunganj Block.

A. For Road

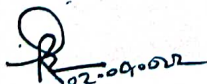
1. Damage Location / Chainage :
2. Damage Length : - 0.150 KM
3. Nature Of Damage :
4. Details Of Restoration :
i) Material Being Used In Restoration : Bamboo, local sand, Brick Bats, Ee bags
HP (600MM Ø)
ii) Equipment / Tools Being Used In Restoration Works : Bamboo, Piling machine, Tractor.
iii) Procedure Taken Up In Restoration Works : Manually.
iv) Restored Length : - 0.150 KM

B. For Bridge

1. Damage Location / Chainage :
2. Damage Length :
3. Nature Of Damage : N.A
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 :


02.04.22

Signature of JE / AE / EE


02.04.22


04/4/22

Satish Factory.


04.04.22

Signature

कार्यपालक अभियन्ता
(Name Of Inspector)
प्रमाण कार्य विभाग
कार्य प्रमण्डल, अररिया

ABSTRACT OF COST

Name of Work :-		T01-PWD Path Bahadurganj Jurel Chowk se Bhattabari Hote Huye
Block :-		Bahadurganj
Length of Road:-		9.500 KM
Damage Length:-		0.150 KM
Sl. No.	Particulars	Amount (In Rs.)
Part "I"		
A	Cost of Restoration work :-	Rs 475105.00
B	Add 12 % GST	Rs 57013.00
C	Add 1 % L. Cess	Rs 4751.00
D	Add S.Fee @ 10 % of Material Cost	Rs 16121.00
	Total Cost with GST, LC & S.Fee (Part-I)	Rs 552990.00

Part "II"		
A	Cost of Restoration work :-	Rs 1557178.00
B	Add 12 % GST	Rs 186861.00
C	Add 1 % L. Cess	Rs 15572.00
D	Add S.Fee @ 10 % of Material Cost	Rs 72465.00
	Total Cost with GST, LC & S.Fee (Part-II)	Rs 1832076.00
Part "III"		
A	Cost of Restoration work :-	Rs 486890.00
B	Add 12 % GST	Rs 58427.00
C	Add 1 % L. Cess	Rs 4869.00
D	Add S.Fee @ 10 % of Material Cost	Rs 21469.00
	Total Cost with GST, LC & S.Fee (Part-III)	Rs 571655.00
	G. Total:-	Rs 2956721.00


11.12.21
J.E/RWD
Bahadurganj


A.E/RWD
Bahadurganj


E.E/RWD
Kishanganj - I

Technically same as Rs. 2956721/- (Twenty nine
Lakh, Fifty six thousand, seven hundred twenty one) only


06/04/22
E-0


अधीक्षण अभियन्ता
ग्रामीण कार्य विभाग
कार्य अंचल, किशनगंज

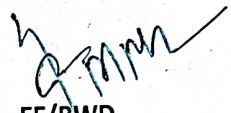
Detailed Estimate

ne of Road:-		T01-PWD Path Bahadurganj Jurel Chowk se Bhattabari Hote Huye									
SDB Sl. No.	MORD Ref.No	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
Part- "I"											
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	3.50	-	-	140.00			
			1	20	3.50	-	-	70.00			
			1	10	3.50	-	-	35.00			
			1	20	3.50	-	-	70.00			
			1	50	3.50	-	-	175.00			
			Total:-					490.00	Mtr.	55.40	27146.00
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	3	20.00	-	-	60.00			
			1	3	10.00	-	-	30.00			
			1	3	5.00	-	-	15.00			
			1	3	10.00	-	-	30.00			
			1	3	25.00	-	-	75.00			
			Total:-					210.00	Mtr.	30.87	6483.00
3	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	2.10	1.30	54.60			
			1	1	10.00	1.20	1.50	18.00			
			1	1	5.00	1.20	1.20	7.20			
			1	1	10.00	1.20	1.20	14.40			
			1	1	25.00	2.10	1.50	78.75			
			Total:-					172.95	Cum	514.43	88971.00
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	1	20.00	2.10	0.75	31.50			
			1	1	10.00	1.20	0.75	9.00			
			1	1	5.00	1.20	0.75	4.50			
			1	1	10.00	1.20	0.75	9.00			
			1	1	25.00	2.10	0.75	39.38			
			Total:-					93.38	Cum	2168.72	202515.00

Sl. No.	SDB Sl. No.	MORD Ref.No	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
5		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	20.00	0.90	2.05	36.90			
				1	1	10.00	0.90	2.25	20.25			
				1	1	5.00	0.90	1.95	8.78			
				1	1	10.00	0.90	1.95	17.55			
				1	1	25.00	0.90	2.25	50.63			
			Total:-							134.11	Cum	
			@ 0.034 Cum each bag							3944	No.	38.03
												149990.00
												Total Part "A":- 475105.00

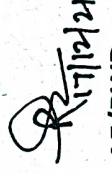

 11.12.24
 JE/RWD
 Bahadurganj


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 AE/RWD
 Bahadurganj


 EE/RWD
 Kishanganj - I

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:-	93.38	Cum	-	-	-	-	112.056	-	
4	Local Sand Filling:-	172.95	Cum	-	-	-	-	-	172.950	
5	Providing & Filling Empty Cement Bags:-	3944.00	No.	-	-	-	-	-	134.096	
6	Providing & Filling Empty Cement Bags in Nylon Crate:-	0.00	No.	-	-	-	-	-	0.000	
		Total Quantity:-		0.000	0.000	0.000	0.000	112.056	307.046	
		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	117659.00	43554.00	Rs 161213.00
								S.Fee@10% of M.Cost:-		Rs 16121.00


 11.12.24
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Detailed Estimate

ne of Road:-		T01-PWD Path Bahadurganj Jurel Chowk se Bhattabari Hote Huye										
SDB Sl. No.	MORD Ref.No	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)	
Part- "II"												
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	5.00	4.00	100.00				
			1	1	15.00	5.00	5.00	375.00				
			1	1	5.00	5.00	4.00	100.00				
		Desduct for Pipe area-										
			2	8	5.00	$\pi (0.70 \times 0.70) / 4$		-30.79				
			Total:-					544.21	Cum	2168.72	1180239.00	
		RCC Pipe NP3 as per design in Single Row (600mm 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.										
			2	4	2.50	-	-	20.00				
			2	4	2.50	-	-	20.00				
			Total:-					40.00	Mtr.	1747.13	69885.00	
	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), 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	5.00	0.90	5.50	49.50				
			1	2	15.00	0.90	6.50	175.50				
			1	2	5.00	0.90	5.50	49.50				
			Total:-					274.50	Cum			
			@ 0.034 Cum each bag					8074	No.	38.03	307054.00	
Total Part "B":-											1557178.00	


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 Kishanganj - I

ABSTRACT OF QUANTITIES

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:-	544.21	Cum	-	-	-	-	653.052	-	
4	Local Sand Filling:-	0.00	Cum	-	-	-	-	-	0.000	
5	Providing & Filling Empty Cement Bags:-	8074.00	No.	-	-	-	-	-	274.516	
6	Providing & Filling Empty Cement Bags in Nylon Crate:-	0.00	No.	-	-	-	-	-	0.000	
	Total Quantity:-			0.000	0.000	0.000	0.000	653.052	274.516	
	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	685705.00	38940.00	Rs 724645.00
								S.Fee@10% of M.Cost:-		
										Rs 72465.00


 11-12-2021
 JE/RWD
 Bahadurganj


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 Bahadurganj

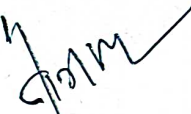

 EE/RWD
 Kishanganj - I

Detailed Estimate

Name of Road:-			T01-PWD Path Bahadurganj Jurel Chowk se Bhattabari Hote Huye									
Sl. No.	SDB Sl. No.	MORD Ref.No	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
Part- "III"												
1	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	25.00	(6.5+4.5)/2	2.70	371.25			
				1	1	15.00	3.50	0.60	31.50			
				1	1	15.00	3.50	0.60	31.50			
				Total:-					434.25	Cum	514.43	223391.00
2	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	25.00	3.00	0.90	67.50			
				1	1	15.00	3.00	0.60	27.00			
				1	1	15.00	3.00	0.60	27.00			
				Total:-					121.50	Cum	2168.72	263499.00
Total Part "A":-												486890.00


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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:-	121.50	Cum	-	-	-	-	145.800	-	
4	Local Sand Filling:-	434.25	Cum	-	-	-	-	-	434.250	
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	145.800	434.250	
			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	153090.00	61598.00	Rs 214688.00
								S.Fee@10% of M.Cost:-		Rs 21469.00


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