

RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

FDR (Emargent Work)

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

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

Name of Work :-	T04 to Nazarpur
Block :-	Kochadhaman
Length of Road:-	7.400 KM
Damage Length:-	0.170 KM
Estimated cost :-	Rs 1456262.00

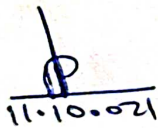
Year : 2021-22

प्रतिवेदन

प्रस्तुत प्राक्कलन ग्रामीण कार्य विभाग, कार्य प्रमंडल, किशनगंज-1 अंतर्गत कोचाधामन प्रखंड के पथ "T04 to Nazarpur" जो विभागीय Online Monitoring Syatem MIS पर अपलोड है के बाढ़ 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 अद्धतन है।

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


11.10.21

कनीय अभियंता
ग्रामीण कार्य विभाग
कार्य प्रशाखा- कोचाधामन



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. W. Div. Kishanganj I
2. Name Of Block / Road : Kochadhaman Block.
To A to Nazarpur.
- A. For Road
1. Damage Location / Chainage :
2. Damage Length : - 0.170 KM
3. Nature Of Damage :
4. Details Of Restoration :
- i) Material Being Used In Restoration : Bamboo, Local Sand, Brick Bats, EC bags, HP.
- ii) Equipment / Tools Being Used In Restoration Works : Tractor, Bamboo piling machine, JCB.
- iii) Procedure Taken Up In Restoration Works :
- iv) Restored Length : - 0.170 KM

B. For Bridge

1. Damage Location / Chainage :
2. Damage Length :
3. Nature Of Damage :
4. Details Of Restoration : NA
- i) Material Being Used In Restoration :
- ii) Equipment / Tools Being Used in Restoration Works :
- iii) Procedure Taken Up In Restoration Works :
- iv) Restored Length :

Signature of JE / AE / EE

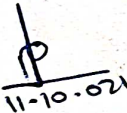
01.02.2022
JE

01/02/22
AE

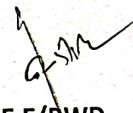
Signature
01/02/2022
ग्रामीण कार्य विभाग
(Name Of कार्य प्रणाली), अररिया

ABSTRACT OF COST

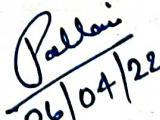
Name of Work :-	T04 to Nazarpur	
Block :-	Kochadhaman	
Length of Road:-	7.400 KM	
Damage Length:-	0.170 KM	
Sl. No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work :-	Rs 1244684.00
B	Add 12 % GST	Rs 149362.00
C	Add 1 % L. Cess	Rs 12447.00
D	Add S.Fee @ 10 % of Material Cost	Rs 49769.00
	Total Cost with GST, LC & S.Fee	Rs 1456262.00

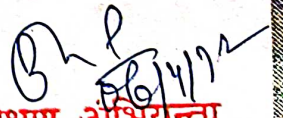

11-10-21
J.E/RWD
Kochadhaman


11/10/21
A.E/RWD
Kochadhaman


E.E/RWD
Kishanganj - I

Technically sanctioned for Rs. 1456262/- (Fourteen lakh, fifty six thousand, two hundred sixty two) only.


Pallavi
06/04/22
E-0


अधीक्षण अभियन्ता
ग्रामीण कार्य विभाग
कार्य अंचल, किशनगंज

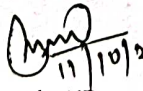
Detailed Estimate

Name of Road:-			T04 to Nazarpur									
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	38	2.50	-	-	95.00			
				1	25	2.50	-	-	62.50			
				1	13	2.50	-	-	32.50			
				2	38	3.50	-	-	266.00			
				1	63	3.00	-	-	189.00			
				1	75	2.50	-	-	187.50			
				1	38	2.50	-	-	95.00			
				1	75	2.50	-	-	187.50			
				1	63	2.50	-	-	157.50			
				Total:-					1272.50	Mtr.	55.40	70497.00
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	2	15.00	-	-	30.00			
				1	2	10.00	-	-	20.00			
				1	2	5.00	-	-	10.00			
				2	2	15.00	-	-	60.00			
				1	3	25.00	-	-	75.00			
				1	3	30.00	-	-	90.00			
				1	2	15.00	-	-	30.00			
				1	3	30.00	-	-	90.00			
				1	3	25.00	-	-	75.00			
				Total:-					480.00	Mtr.	30.87	14818.00
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	15.00	1.30	1.70	33.15			
				1	1	10.00	1.40	1.30	18.20			
				1	1	25.00	2.00	1.30	65.00			
				1	1	30.00	1.20	1.00	36.00			
				1	1	15.00	1.10	1.00	16.50			
				1	1	30.00	1.50	1.00	45.00			
				1	1	25.00	1.70	1.00	42.50			
				Total:-					256.35	Cum	514.43	131874.00
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	15.00	1.30	0.60	11.70			
				1	1	10.00	1.40	0.60	8.40			
				1	1	5.00	3.00	1.80	27.00			
				1	1	15.00	5.00	2.70	202.50			
				1	1	25.00	2.00	0.45	22.50			
				1	1	30.00	1.20	0.60	21.60			
				1	1	15.00	1.20	0.45	8.10			

Sl. No.	SDB Sl. No.	MORD Ref.No	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)		
				1	1	30.00	1.50	0.60	27.00					
				1	1	25.00	1.70	0.45	19.13					
			Desduct for Pipe area-											
				1	1	5.00	$\pi (1.23*1.23)/4$		-5.94					
				1	1	5.00	$\pi (0.80*0.80)/4$		-2.51					
				Total:-					339.48	Cum	2168.72	736237.00		
5			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		
6			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.											
				1	1	2.50	-	-	2.50					
				Total:-					2.50	Mtr.	1747.13	4368.00		
7		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	15.00	0.45	2.30	15.53					
				1	1	10.00	0.45	1.90	8.55					
				1	1	5.00	0.45	1.80	4.05					
				1	2	15.00	0.90	2.40	64.80					
				1	1	25.00	0.90	1.75	39.38					
				1	1	30.00	0.90	1.45	39.15					
				1	1	15.00	0.45	1.45	9.79					
				1	1	30.00	0.90	1.45	39.15					
				1	1	25.00	0.45	1.45	16.31					
				Total:-					236.71	Cum				
				@ 0.034 Cum each bag					6962	No.	38.03	264765.00		
				Total:-								1244684.00		


11-10-021

J.E/RWD
Kochadhaman


11/10/21
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:-	339.48	Cum	-	-	-	-	407.376	-	
4	Local Sand Filling:-	256.35	Cum	-	-	-	-	-	256.350	
5	Providing & Filling Empty Cement Bags:-	6962.00	No.	-	-	-	-	-	236.708	
6	Providing & Filling Empty Cement Bags in Nylon Crate:-	0.00	No.	-	-	-	-	-	0.000	
		Total Quantity:-		0.000	0.000	0.000	0.000	407.376	493.058	
		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	427745.00	69940.00	Rs 497685.00
								S.Fee@10% of M.Cost:-		Rs 49769.00


 11-10-21
 JE/RWD
 Kochadhama


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