# Seal Works Department



## **GOVERNMENT OF BIHAR**

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

DIVISION - R.W.D. works Division, Kishanganj-2

Name of Work :-

**T04 TO IKKRA MILLIK ROAD** 

Block :-

Dighalbank

Estimated cost :-

Rs 4793815

Year: 2021-22

# Inspection Report for Flood Damage Work

: K2shangang-2 1.Name of PIUs : Dighalbann 2. Name Of Block / Road TO4 to IKKramilik Road A. For Road 1. Damage Location / Chainage : 1749 M 2.Damage Length : cut and erosion of Flankecurs 3. Nature Of Damage Bamboo Pilling, runner, sand filling: Brickbetleying Eckaywithe sand 4. Details. Of Restoration : Bamboo, sand, Brichbet Echag, L-sand i) Material Being Used In Restoration : Tractor, Trolly 3CB, munistools ii) Equipment / Tools Being Used In Restoration Works iii) Procedure Taken Up In Restoration Works : Manually : 174.9m iv) Restored Length 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

(Name Of Inspector)

# प्रतिवेदन

प्रस्तुत प्राक्कलन ग्रामीण कार्य विभाग, कार्य प्रमंडल, किशनगंज-2 अंतर्गत दीघलबैंक प्रखंड के पथ "TO4 TO IKRA MILIK" जो विभागीय Online Monitoring Syatem MIS पर अपलोड है के बाढ 2021 से क्षितिग्रस्त हो जाने के कारण यातायात लायक Motorable हेतु बनाया गया है | इस कार्य को कराने का निर्देश ग्रामीण कार्य विभाग, बिहार सरकार के पत्रांक:- मु०अ०- 4 (मु०) 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 में कंकई नदी उपधार नदी/नदी उपधार से आए बाढ़ के कारण इस पथ के Road wayके क्षतिग्रस्त हो जाने से सुरक्षित आवागमन हेतु Motorable कार्य के साथ-साथ सुरक्षात्मक कार्य कराया गया है | MIS में अपलोडेड फोटो क्षतिग्रस्त होने का,कार्य होने के दौरान का एवं पुनः स्थापित हो जाने के बाद का Lat/Long रियल टाइम 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 |

कनीय अभियंता

ग्रामीण कार्य विभाग

कार्य प्रशाखा- दीघलबैंक

महायक अभियंता

ग्रामीण कार्य विभाग

कार्य अवर प्रमंडल- दीघलबैंक

कार्यपालक अभियंता

ग्रामीण कार्य विभाग

कार्य प्रमंडल, किशनगंज -2

### ABSTRACT OF COST

Name of Work :-

**T04 TO IKKRA MILLIK ROAD** 

Block :-	Dighalbank	-1			
SI. No.	Particulars	Amount (In Rs.)			
А	Cost of Restoration work :-	Rs 2797953.00			
В	Add 12 % GST	Rs 335754.00			
С	Add 1 % L. Cess	Rs 27980.00			
D	Add S.Fee @ 10 % of Material Cost	Rs 153073.00			
	Total Cost with GST, LC & S.Fee	Rs 3314760.00			
	PART B 3M X 3M BOX CULVERT CONSTRUCTION	962103.00			
	Add 12 % GST	Rs 115452.00			
	Add 1 % L. Cess	Rs 9621.00			
	Add S.Fee @ 10 % of Material Cost	Rs 48105.15			
	Total Cost with GST, LC & S.Fee	Rs 1135281.15			
	TOTAL PART A + PART B =	4793815			

R.W.D Dighalbank Rishanganj - 2

Technical Sametion for Rs. 47, 93, 815- (forty seven law)

ninety three thousand eight lemotral filtreen) any.

### **Detailed Estimate**

lam	e of Wo	ork :-	TO4 TO IKKRA MILLIK RO	AD				AT KATA	BARI			
SI.	SDB	MORD	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
1	SI. No.	<b>Ref.No</b> 5.7.7	Providing bamboo piles in	cluding	labou	r for cutti	ng of 6	2 mm to	75 mm			
1	VVND	3.7.7	dia bamboo piles to size ar	nd maki	ng sho	es and dr	ving et	complet	e job as			
			per specification and direc									
			per specification and an as	1		3.00	-	-	111.00			
				1	98	3.00	-	-	294.00			
								Total:-	405.00	Mtr.	52.24	21157.00
2	WRD	5.7.9	Supplying, fitting and fixi	ng 62 r	mm to	75 mm	dia bar	nboo run	ners in			
3	WKD	5.7.5	position at every vertical p	oile wit	h 150	mm long	nails or	38 swg (	S.I. wire			
			including cost of G.I. wire	or nails	all m	aterial and	d labou	r complet	e job as			
			per specification and direc	1								
			per specification and direc			10.60		-	31.80			
				1	3	Annual Control of the		-	84.00			
						-		Total:-	115.80	Mtr.	27.71	3209.00
8	9.2	1100	Sand filling or Type B (	First cl	ass) b	edding						
O	(i)	& 800	Fillling and spreading loc	al sand	d over	r brick ba	ts as p	er drawi	ng and			
	(1)	a 000	technical specification Cla									
	-		teerimear speciments	1		16.50	3.35	0.30	16.58			
				1	-		6.00		17.46			
					-		4.00	0.30	36.00			
				1	-	-	6.00	0.30	39.60			
								Total:-	109.64	Cum	514.43	56402.00
9	WRD	5.7.40	Brick bats									
			Providing laying and spre	ading b	rick b	ats in Roa	d ditche	es all com	plete as			
			per approved design, spec	cificatio	ns and	direction	of E/I					
		1 -	bei abbiotea acción de		1 1		3.35	2.25	124.37			
	1			-	1 1		6.00	2.40	139.68			
					1 1	30.00	4.00	1.45	174.00			
		-			1 1	22.00	6.00	0.60	79.20			
	-		2ND TIME		1 1	16.50	3.00	2.50	123.75	4 - 1		
	*-				1 1	9.70	6.0		145.50			
					1 1	30.00			192.00			
					1 1	22.00		- 1	158.40			
			NEAR SANI MANGURA		1 1	1 18.50	4.0			1 1		2554000.00
								Total:-	1181.30	Cum	2168.72	2561909.00
10	4.1	401	Granular Sub-base wit	h Well	Grad	ed Mater	ial .					
		(i)	(By mix in place method) For Grading II Material Construction of granular sub-base by providing well graded material									
			Construction of granular	r sub-b	ase b	y providir	ig weii	graded i	mast on			
			spreading in uniform layers with tractor mounted grader arrangement or									
			prepared surface, mixing by mix in place method with rotavator at OMC									
			and compacting with s	mooth	whee	el roller	to achi	eve the	desired			
			density, complete as per	Technic	al Spe	cification	Clause	401.	0.00	,		
					0	0.00			+ -	10000000		
					0	0.00	0.0	Total:-			2977.54	0.00
					0.	1 D			0.00	Cuiii	2377.34	1
11			RCC Pipe NP3 as per d	esign i	n Sing	gle Row (	nine M	III Dia.)	lverts on			
			Providing and laying reinforced cement concrete pipe NP3 for culverts or								6	
			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.		•	0 0.00			0.0	2		
					0	0.00	J I	•	0.0			
		-			-	0 0.00			0.0	)	į.	

(Rs.)	Rate (Rs.)	Jnit .	Qty.	(101) (101) (101)	No. No.	Description	MORD Ref.No		SI. No.
		-		Single Row (600mm Dia.)	design in Sing	RCC Pipe NP3 as per			12
		1	ilverts on	cement concrete pipe NP3 for c	inforced cemen	Providing and laying re	-		
			ing collar	aterial in single row including fi	anular material	first class bedding of gr			
			n works,	excluding excavation, protection	1:2 but excludi	with cement mortar			
			parapets	nry works in head walls and	nd masonry w	backfilling concrete a			
					, , , , , , , , , , , , , , , , , , , ,	Clause 1106.			
			- 0.00	0 0 0.00 -	0 0	Clause 1100.			
			0.00				-		
0.00	1752.33	Mtr.	- 0.00	Total			-		
				n Single Row (300mm Dia.)	decign in Sing	DCC Ding ND2 oc nor			
			ulverts on	cement concrete pipe NP3 for c	inforced cemer	Providing and laving re			13
			xing collar	aterial in single row including f	anular materia	Catalana hadding of g			
			n works.	excluding excavation, protection	1.7 but evelud	first class bedding of g			
			naranets	excluding excavation, protection	1:2 but exclud	with cement mortar			
			parapers	nry works in head walls and	and masonry w				
			- 0.00	0.00		Clause 1106.			
			- 0.00	0 0 0.00 -					
0.00	1752.33	Mtr.		0 0 0.00 - Tota	0				
			. 0.00	1018					
		- †	with local		rith NC	Supply of new bag v	5.7.52		14
				n labour for filling new EC bag	d NC with labo	Supply of new bag ar			
			wo line by acking the ad of 150m tes in dry ad design,	h labour for filling new EC bag t and weight 50kg), stiching on iching machine & generator, st of size (1m x 1m x 1m) with a le- eads etc, placing the filled cra , all complete as per approve	d NC with labor bag 1.2 cft and d with stiching lon crate of size a long threads e long a long a long threads e long a lo	sand (volume of filled approved nylon threa bags and placing in Ny including supply of			
			acking the ad of 150m tes in dry ed design,	t and weight 50kg), stiching on iching machine & generator, stof size (1m x 1m x 1m) with a least ads etc, placing the filled cray, all complete as per approved.	d NC with labor bag 1.2 cft and d with stiching lon crate of size by lon threads end of 30m, all of the ction of E/I.	sand (volume of filled approved nylon threat bags and placing in Ny including supply of a portion within a lea			
0.00	1249.46		ed design,  - 0.00	t and weight 50kg), stiching on iching machine & generator, stoff of size (1m x 1m x 1m) with a leads etc, placing the filled cray, all complete as per approved.	d NC with labor bag 1.2 cft and d with stiching lon crate of size by lon threads end of 30m, all of the ction of E/I.	sand (volume of filled approved nylon threat bags and placing in Ny including supply of a portion within a lea			
0.00	1249.46	No.	ed design,  - 0.00	t and weight 50kg), stiching on iching machine & generator, storic (1m x 1m x 1m) with a least etc., placing the filled crant, all complete as per approved.  1. 0 0	d NC with labo bag 1.2 cft and d with stiching lon crate of size laylon threads e d of 30m, all of ction of E/I.	sand (volume of filled approved nylon threa bags and placing in Ny including supply of r portion within a lea specification and dire			
0.00	1249.46		ed design,  - 0.00 - 0.00	t and weight 50kg), stiching on iching machine & generator, stof size (1m x 1m x 1m) with a leads etc, placing the filled crant, all complete as per approval.	d NC with labor bag 1.2 cft and d with stiching lon crate of size bylon threads ed of 30m, all oction of E/I.  O  g empty ceme	sand (volume of filled approved nylon threa bags and placing in Ny including supply of a portion within a lea specification and direction and filling and filling sand sand sand sand sand sand sand sand	5.7.53	5	15
0.00	1249.46	No.	ed of 150m tes in dry ded design, - 0.00 0.00 local sand wo line by acking the threads etc.	t and weight 50kg), stiching on iching machine & generator, storic (1m x 1m x 1m) with a least etc., placing the filled crant, all complete as per approved.  1. 0 0	d NC with labor bag 1.2 cft and d with stiching lon crate of size lylon threads end of 30m, all distinction of E/I.  Og empty ceme with labour for 1.2 cft and we ad with stiching a lead of 150m	sand (volume of filled approved nylon three bags and placing in Ny including supply of portion within a leas specification and direction and filling Supply of new bags approved nylon three bags and placing with	5.7.53	5	15
0.00	1249.46	No.	eximple by acking the ad of 150m tes in dry addesign,  - 0.00 - 0.00 local sand wo line by acking the threads etc. a of E/I.	t and weight 50kg), stiching on iching machine & generator, stof size (1m x 1m x 1m) with a least ads etc, placing the filled craph, all complete as per approved.  O O	d NC with labor bag 1.2 cft and d with stiching lon crate of size lylon threads end of 30m, all distinction of E/I.  Og empty ceme with labour for 1.2 cft and we ad with stiching a lead of 150m	sand (volume of filled approved nylon three bags and placing in Ny including supply of portion within a leas specification and direction and filling Supply of new bags approved nylon three bags and placing with	5.7.53	5	15
0.00		No.	local sand wo line by acking the design,  - 0.00 - 0.00 local sand wo line by acking the threads etc. of E/I.	t and weight 50kg), stiching on iching machine & generator, stof size (1m x 1m x 1m) with a least ads etc, placing the filled crap, all complete as per approved.  O O	d NC with labor bag 1.2 cft and d with stiching lon crate of size lylon threads end of 30m, all distinction of E/I.  Og empty ceme with labour for 1.2 cft and we ad with stiching a lead of 150m	sand (volume of filled approved nylon three bags and placing in Ny including supply of portion within a leas specification and direction and filling Supply of new bags approved nylon three bags and placing with	5.7.53	5	15
		No.	local sand wo line by acking the design,  - 0.00 - 0.00 local sand wo line by acking the threads etc. of E/I.  10 52.55 20 86.24 il:- 138.8	t and weight 50kg), stiching on iching machine & generator, st of size (1m x 1m x 1m) with a least ads etc, placing the filled crap, all complete as per approved.  O O	d NC with labor bag 1.2 cft and d with stiching lon crate of size lylon threads end of 30m, all distinction of E/I.  Og empty ceme with labour for 1.2 cft and we ad with stiching a lead of 150m	sand (volume of filled approved nylon three bags and placing in Ny including supply of portion within a leas specification and direction and filling Supply of new bags approved nylon three bags and placing with	5.7.53	5	15
0.00 155276.00 <b>2797953.00</b>	38.03	No.	local sand wo line by acking the design,  - 0.00 - 0.00 local sand wo line by acking the threads etc. of E/I.  10 52.55 20 86.24 il:- 138.8	t and weight 50kg), stiching on iching machine & generator, stof size (1m x 1m x 1m) with a least ads etc, placing the filled crap, all complete as per approved.  O O	d NC with labor bag 1.2 cft and d with stiching lon crate of size lylon threads end of 30m, all distinction of E/I.  Og empty ceme with labour for 1.2 cft and we ad with stiching a lead of 150m	sand (volume of filled approved nylon three bags and placing in Ny including supply of portion within a leas specification and direction and filling Supply of new bags approved nylon three bags and placing with	5.7.53	5	15

IGNORAGE FEE 10% FOR ROYALTY MATERIAL	109.64	1.20		131.57 Cum	141.85	18663.00
LOCAL SAND		1.20	_			1488438.00
BRICK BAT	1181.30	1.20	=	1417.56 Cum		-
	0.00	1.28	=	0.00 Cum	285.35	0.00
GSB	138.82	1.20	=	166.58 Cum	141.85	23630.00
LOCAL SAND	150.02	1.20	TC	TAL MATERIAL	COST:-	1530731.00
	L		SE	IGNORAGE FEE	10%	153073.00
5.4709		L.				

R.W.D Dighalbank

A.E R.W.D Dighalbank

R.W.D Kishanganj - 2