SRAL WORKS DEPARTMENTS



GOVERNMENT OF BIHAR

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

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

Name of Work :-

T01-Athgachhia to Fulgachhi West (TRACK2)

Block :-

Dighalbank

Estimated cost :-

Rs 3064290.00

Year: 2021-22

Inspection Report for Flood Damage Work

1.Name of PIUs	: Kishangang-2
2. Name Of Block / Road	: Dighalbank
A. For Road	TOI-Athgachhzato Fulgachhzwesk Trac
1.Damage Location / Chainage	:
2.Damage Length	: 138m
3.Nature Of Damage	: Cut and eroszon of Flank & coust
4.Details Of Restoration	· Bamboo Pilling, Sand Filling, Bruin ba · Loying, Ec bag, with L-Sand.
i) Material Being Used In Restoration	: Bamboo, Sand, Brick bat Echay, L-Si
ii) Equipment / Tools Being Used In Restoration \	Norks: Tracture trolly JCB, miss book
iii) Procedure Taken Up In Restoration Works	: manually
iv) Restored Length	: 138m
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 \	Norks :
iii) Procedure Taken Up In Restoration Works	::
iv) Restored Length	:
	Satisfactory
Sul -	Signature

(Name Of Inspector)

Signature of JE / AE / EE

प्रतिवेदन

प्रस्तुत प्राक्कलन ग्रामीण कार्य विभाग, कार्य प्रमंडल, किशनगंज-2 अंतर्गत दीघलबैंक प्रखंड के पथ "T01-ATHGACHHIYA TO FULGACHHI WEST" जो विभागीय Online Monitoring Syatem MIS पर अपलोड है के बाढ 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:- मु०अ०- 4 (मु०) विविध कार्य- 23-60/2020 - 1937 / पटना, दिनांक- 07.07.2021 से प्राप्त है | इस पत्र से Real time geotagged 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 क्षितिग्रस्त हो जाने से सुरक्षित आवागमन हेतु Motorable कार्य के साथ-साथ सुरक्षात्मक कार्य कराया गया है | MIS में अपलोडेड फोटो क्षितिग्रस्त 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 अभियता

ग्रामीण कार्य विभाग

कार्य प्रमंडल, किशनगंज -2

ABSTRACT OF COST

Name of \	Work :-	T01-Athgachhia to Fulgachhi West (TRACK2)			
Block :-		Dighalbank			
SI. No.		Particulars	Amount (In Rs.)		
Α	Cost of Re	storation work :-	Rs 2662068.00		
В	Add 12 % GST		Rs 319448.00		
С	Add 1 % L. Cess		Rs 26621.00		
D	Add S.Fee @ 10 % of Material Cost		Rs 56153.00		
		Total Cost with GST, LC & S.Fee	Rs 3064290.00		

Dighalbank

Dighalbank

Tickorical Sanction for by 30,64,290. W (B. Thirty law)
Sixty four Housand two hundred nienty) wy.

श्रिधीकः अधिकण अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल, किशनगंः

E.O

Detailed Estimate

Vam	e of Wo	ork :-	T01-Athgachhia to Ful	gachhi W	est (T	RACK2)					2 - 200-00			
SI.	SDB	MORD	Description	No.	No.	Length		Height	Qty.	Unit	Rate	Amount		
٠.oV	SI. No.	Ref.No				(M)	(M)	(M)			(Rs.)	(Rs.)		
1	WRD	5.7.7	Providing bamboo piles											
			dia bamboo piles to size		000000	oes and d	riving e	tc comple	te job as					
			per specification and dir		111									
			RHS	1		3.00			243.00					
			LHS	1	81	3.00			243.00					
			RHS	1		3.00			315.00					
			LHS	1	105	3.00	-		315.00					
-			RHS	1	105	3.00			315.00					
			LHS	1	105	3.00	-		315.00					
	_		RHS	1	88	3.00			264.00					
			LHS	1	88	3.00	_ :		264.00					
_			RHS	1	105	3.00			315.00					
			LHS	1	105	3.00	-		315.00		1			
			RHS	1	49	3.00			147.00					
			LHS	1	49	3.00		1	147.00					
								Total:-	3198.00	Mtr.	52.24	167064.00		
2	WRD	5.7.8	Providing, fitting and fix	king split b	ambo	o woven	chacha	ri in posit	ion with			20		
_			20 swg G.I. wire or 75 m											
			of G.I. wire or nails, ba							1				
				500 1000			. ,				1			
			and direction of E / I.		0	0.00	0.00	7	0.00					
-				0			0.00		0.00					
_				0	U	0.00	0.00	Total:-		Sqm	426.14	0.00		
_			- 11 600	C C2		- 75	مانہ ام		0.00	Sqiii	420.14	0.00		
3	WRD	5.7.9	Supplying, fitting and											
			position at every vertic									94		
			including cost of G.I. wi	re or nails	, all m	aterial ar	ıd labou	ır comple	te job as					
			per specification and dis	rection of	E/I.									
			RHS	1	4	23.00			92.00					
			LHS	1	4	23.00			92.00					
			RHS	1	4	30.00			120.00					
			LHS	1		30.00			120.00	1				
	-		RHS	1		30.00			120.00					
				1	4	30.00			120.00					
-			LHS	1		25.00			100.00	1				
			RHS	1		25.00	-		100.00					
	-		LHS				0.000	-	120.00	1				
			RHS	1		100000000000000000000000000000000000000			120.00	1				
			LHS	. 1			2 / 1							
			RHS	1		+			56.00	. 3				
			LHS	1	4	14.00			56.00		22.74	22605.00		
			0.00						1216.00		27.71	33695.00		
4	WRD	5.7.46	Supplying and placing											
		(b)	bamboo 75 mm dia 6 m	to 8 m lo	ng at	site bindi	ng prop	erly each	other in					
			bunch with annealed w	rire 20 to 2	25 SW	G at leas	t at thre	ee places	along its					
			length, 3 nos loads filled	d with (Bri	ck bat	s) in emp	ty ceme	nt bags a	nd trying					
			it with B.A. wire 8 to 10											
			trying the bamboo roll											
			trying the balliboo roll	at one em	u at it	hambaa	nost P	rovality	atc and	1				
			to Bamboo post, inclu	iding pilin	g 01	Damboo	post &	royality	etc. and					
			carriage of all material	s at site a	II con	iplete job	as per	specifica	ition and					
			direction of E/I.					30						
				0	. 0				0.00					
				0	0	-		eti e Vinam on i	0.00	·				
								Total:-	0.00	No.	1118.26	0.00		
5	WRD	5.7.47				alate = T		char	l lbackt					
<u> </u>		(a)	Supplying, making and											
		(4)	covering cover over all	space of	abou	r of 2.832	Cum p	roviding	3 nos. of					
			loads by filling boulder	spall in EC	bags,	trying wi	th 20 to	25 SWG	annealed	1 1				
			wire to the tree spur an	d anchorir	ng the	same wit	h B.A.w	ire 8 to 1	0 SWG to					
			the bamboo post at lea	st 15M aw	av frn	m the rive	er bank	including	g piling of	T.				
			bamboo post & royal	ity etc. a	nd co	rriage of	all ma	terials a	t site all					
			complete job as per spe	cincation	and d	ה פכנוטוו 0	ı L/I.							
	-			0	0	-			0.00	1 1				
				0		1			0.00	4				
-	<u> </u>		 	0	0	L	L	Total:-	0.00		1562.35	0.00		
,	-	000	0		00-11	on ak-	Idono	, Otal.	0.00	110.	1502.55	0.00		
6	3.14	303.1	Construction of subgra	raue and	earth	shoulder	s with	annroyad	material		(= , , , = +++			
			Construction of subgra	ue and ea	urnen	snoulder	5 WILL	approved	material					
		1	obtained from borrow	pits with	all li	its and le	ads, tra	ansportin	g to site,	1 1				
10.24			spreading, grading to re	equired slo	ope ar	nd compa	cted to	meet req	uirement					
			of Table 300.2 with lead	d upto 100	0 m a	s per Tec	nnical S	pecification	on Clause	4				
			303.1.											
				0	0	0.00	0.00	0.00	0.00					
				0			 IDMGC 		0.00					
				U		0.00	0.00	- 0.00	0.00					

7	10.01				No.	Length (M)	(M)	Height (M) Total:-	Qty. 0.00	Unit	Rate (Rs.) 174.93	Amount (Rs.) 0.00	
		3002.0	Restoration of Rain Cuts	(By M	anual	Means)			0.00	Cum	174.33	0.00	
			Restoration of raincuts wit clearing, the loose soil, ben layers not exceeding 250m power rammers to restore t	h soil, ching o	moor of 300 d com	um, grav mm widt pacting	el or a h, laying with pla	fresh ma	aterial in actor or				
				0 0 0.00 0.00 0.00 0.00									
				0	0	0.00	0.00	0.00	0.00				
								Total:-	0.00	Cum	378.68	0.00	
8	9.2	1100	Sand filling or Type B (Fi	rst cla	ss) be	edding		2 P 1					
	(i)	& 800	Fillling and spreading loca technical specification Claus			brick b	ats as p	oer draw	ing and				
				1	1	30.00	1.20	0.30	10.80				
				1	1	30.00	1.20	0.40	14.40				
				1	1	9.00	1.20	0.40	4.32				
				1	1	25.00	1.40	0.30	10.50				
				1	. 1	30.00	1.10	0.40	13.20				
				1	1	14.00	0.80	0.30	3.36				
					-			Total:-	56.58	Cum	514.43	29106.00	
9	WRD	5.7.40	Brick bats										
			Providing laying and spread										
			per approved design, specifications and direction of E/I								1		
				1	1	30.00	1.20	0.90	32.40				
				1	1	30.00	1.20	1.20	43.20				
				1	1	9.00	1.20	1.50	16.20				
				1	1	25.00	1.40	1.80	63.00				
				1	1	30.00	1.10	1.40	46.20				
				1	1	14.00	0.80	0.60	6.72				
								Total:-	207.72	Cum	2168.72	450487.00	
10	4.1	401	Granular Sub-base with W	Vell G	raded	Materia	1						
		(i)	(By mix in place method)	For G	radin	g II Mate	erial						
			Construction of granular si spreading in uniform layers prepared surface, mixing by and compacting with smooth complete as per Technical Sp	with tr mix in whee	ractor place el rolle	mounted method er to achi	grader with ro eve the	arranger tavator	nent on at OMC,				

(Rs.)	Rate (Rs.)	Unit	Qty.	Height (M)	Width (M)	Length (M)	No.	No.	Description	MORD Ref.No	SDB SI. No.	SI. No.
			0.00	0.00	0.00	0.00	0	0				-
0.	2977.54	Cum	0.00	Total:-					DCC D: VDC	-	-	11
				Dia.)	000mm	Row (10	Single	esign in S	RCC Pipe NP3 as per d			11
			ulverts on	3 for cu	pipe NP	concrete	ment	forced ce	Providing and laying rein			
	¥		king collar	ding fix	ow inclu	n single ro	erial in	iular mat	first class bedding of gran			
			n works,	rotectio	ition, pr	g excava	cludin	2 but ex	with cement mortar 1:			
			ets Clause	parape	valls and	in head w	works	nasonry	backfilling, concrete and 1106.			
			0.00	-	-1	/ 0.00	0	0				
			0.00	-	-	0.00	0	0				
0.0	4452.39	Mtr.		Total:-								
				Dia.)	0mm D	Row (60	ingle	sign in S	RCC Pipe NP3 as per de			12
			lverts on	3 for cu	pipe NP	concrete	ment d	orced ce	Providing and laying rein			
			ing collar	ding fixi	w includ	single ro	erial in	ular mat	first class bedding of gran			
			n works	otection	tion pr	excava	cludin	but ex	with cement mortar 1:			
			to Clause	nacana	alls and	n haad w	works i	nasonry	backfilling, concrete and r			
			is clause	harabe	ans and	ii nead w	VOI KS I	idsoin y v	1106.			
						0.00	0	0				- 1
		- 1	0.00			0.00	0	0				
	-		0.00			0.00	0	U				
0.0	1752.33	Mtr.	0.00	Total:-					DCC Ding ND2			13
				ia.)	0mm D	Row (30	ingle	sign in S	RCC Pipe NP3 as per de			13
			lverts on	3 for cul	pipe NP3	oncrete p	nent c	orced cer	Providing and laying reinf			1
			ing collar	ding fixi	w includ	single ro	erial in	ılar mate	first class bedding of gran			
			n works,	otection	ion, pro	excavat	luding	but exc	with cement mortar 1:2			
			ts Clause	parapet	alls and	n head wa	vorks in	nasonry w	backfilling, concrete and n		(4)	
									1106.			-
			0.00			0.00	0	0				
			0.00			0.00	0	0				
	1752.33	NA+-	0.00	Total:-	-	0.00		-				
0.0	1/52.55	WILL.	0.00	TOTAL.				NC	Supply of new bag with	5.7.52		14
			o line by king the	g on two	stiching generato	ght 50kg), chine & g	nd weig ng ma	1.2 cft an ith stichir	Supply of new bag and N sand (volume of filled bag approved nylon thread w	3		
			of 150m	a lead	m) with	1 x 1m x 1	ze (1m	rate of si	pags and placing in Nylon			11
			s in dry	crates	he filled	placing ti	etc,	threads	ncluding supply of nylor	1		
					per app	plete as	com	30m, al	portion within a lead of	t		
			design,	proved				of E/I.	pecification and direction	5		
			design,	proved				1				
				proved		-	10	1				-
			10.00 10.00	proved - -	-	-	10	1				
			10.00 10.00	proved - -	-							
			10.00 10.00 10.00	proved - - -			10	1				
			10.00 10.00 10.00 10.00	proved			10 10 10	1 1 1				
			10.00 10.00 10.00 10.00 10.00	proved			10 10 10 10	1 1 1				
74000.00	1240 46	No.	10.00 10.00 10.00 10.00 10.00 10.00	proved	-		10 10 10	1 1 1				
74968.00	1249.46	No.	10.00 10.00 10.00 10.00 10.00	proved			10 10 10 10 10	1 1 1 1 1	roviding and filling em	5.7.53 F		5
74968.00	1249.46	No.	10.00 10.00 10.00 10.00 10.00 10.00 60.00				10 10 10 10 10 10	1 1 1 1 1	roviding and filling em		į	5
74968.00	1249.46	No.	10.00 10.00 10.00 10.00 10.00 10.00 60.00	- - - - -	C bag w	g new E	10 10 10 10 10 10 ent ba	1 1 1 1 1 pty ceme	upply of new bag with I	S	ī	5
74968.00	1249.46	No.	10.00 10.00 10.00 10.00 10.00 10.00 60.00	vith loca	iching o	g new E0 50kg), st	10 10 10 10 10 10 ent bar fillin	1 1 1 1 1 pty ceme	upply of new bag with I volume of filled bag 1.2	5 (1	Į.	5
74968.00	1249.46	No	10.00 10.00 10.00 10.00 10.00 10.00 60.00	vith loca	iching o	g new E0 50kg), st	10 10 10 10 10 10 ent bar fillin	1 1 1 1 1 pty ceme	upply of new bag with I volume of filled bag 1.2	5 (1		5
74968.00	1249.46	No	10.00 10.00 10.00 10.00 10.00 10.00 60.00 N	vith loca	iching o	g new E0 50kg), st hine & g	10 10 10 10 10 ent bar fillin veight	1 1 1 1 1 1 pty ceme	upply of new bag with loolume of filled bag 1.2 pproved nylon thread wi	5 (v a		5
74968.00	1249.46	No.	10.00 10.00 10.00 10.00 10.00 10.00 60.00 Mal sand line by	vith loca	iching o enerator	g new E0 50kg), st hine & g ding supp	10 10 10 10 10 ent bar r fillin veight ig mac	1 1 1 1 1 1 pty ceme abour fo oft and w	upply of new bag with I volume of filled bag 1.2 pproved nylon thread wi ags and placing with a lea	S (v a b		5
74968.00	1249.46	No.	10.00 10.00 10.00 10.00 10.00 60.00 Notes the service of the servi	vith loca on two r, stack lon thre	iching o enerator ly of nyl nd direct	g new E(50kg), st hine & g ding supp fication ar	10 10 10 10 10 ent bar filling veight ig mach include specific	1 1 1 1 1 pty ceme abour fo cft and w th stichin d of 150m d design,	upply of new bag with lyolume of filled bag 1.2 pproved nylon thread wi ags and placing with a leall complete as per approve	S (v a b a		5
74968.00	1249.46	No.	10.00 10.00 10.00 10.00 10.00 10.00 60.00 Mal sand line by	vith loca on two r, stack lon thre	iching o enerator ly of nyl- nd direct 6.00	g new E0 50kg), st hine & g ding supp fication ar 23.00	10 10 10 10 10 ent bar filling veighting mach include specific	1 1 1 1 1 pty ceme abour fo cft and w th stichin d of 150m d design,	upply of new bag with lyolume of filled bag 1.2 pproved nylon thread wi ags and placing with a leall complete as per approve HS	S (v a b a R		5
74968.00	1249.46	No. :	10.00 10.00 10.00 10.00 10.00 60.00 Notes the service of the servi	vith location two r, stackion threation of E	iching o enerator ly of nyl nd direct	g new E0 50kg), st hine & g ding supp fication ar 23.00	10 10 10 10 10 ent bar filling veighting mach include specific	1 1 1 1 1 pty ceme abour fo cft and w th stichin d of 150m d design,	upply of new bag with lyolume of filled bag 1.2 pproved nylon thread wi ags and placing with a leall complete as per approve HS	S (v a b a R R		5
74968.00	1249.46	No :	10.00 10.00 10.00 10.00 10.00 60.00 Notes and line by sing the eads etc E/I.	vith location two r, stackion threation of E	iching o enerator ly of nyl- nd direct 6.00	g new E(50kg), st hine & g ding supp fication ar 23.00	10 10 10 10 10 10 ent bar r fillin veight g mac n includ specif	1 1 1 1 1 pty ceme abour fo cft and w th stichin d of 150m d design,	upply of new bag with I volume of filled bag 1.2 pproved nylon thread wi ags and placing with a lea II complete as per approve HS HS	S (v a b a R R R		5
74968.00	1249.46	No. :	10.00 10.00 10.00 10.00 10.00 60.00 Notes the service of the servi	vith location two r, stackion threation of E 1.20 1.50 1.80	enerator ely of nyl nd direct 6.00 5.00	g new E(50kg), st hine & g ding supp fication ar 23.00 30.00 30.00	10 10 10 10 10 10 ent bar filling weight ag mac include specif	1 1 1 1 1 1 pty ceme abour fo cft and w th stichin d of 150m d design,	upply of new bag with lyolume of filled bag 1.2 pproved nylon thread wi ags and placing with a leall complete as per approve HS	S (v a b a R R R		5
74968.00	1249.46	No :	10.00 10.00 10.00 10.00 10.00 60.00 No.00 all sand line by sing the eads etc E/I. 165.60 225.00 432.00 550.00	vith location two r, stackion threation of E 1.20 1.50 1.80 2.00	enerator ly of nyl nd direct 6.00 5.00 8.00 1.00	g new E(50kg), st hine & g ding supp ication ar 23.00 30.00 30.00 25.00 1	10 10 10 10 10 ent bar filling weight weight weight specification includes specification in the specification in t	pty ceme abour fo cft and w th stichin d of 150m d design,	upply of new bag with I volume of filled bag 1.2 pproved nylon thread wi ags and placing with a lea II complete as per approve HS HS	S (v a b a R R R R		5
74968.00	1249.46	No :	10.00 10.00 10.00 10.00 10.00 60.00 N all sand line by sing the eads etc E/I. 165.60 225.00 432.00 550.00 225.00	vith location two r, stackion threation of E 1.20 1.50 1.80 2.00 1.50	enerator ely of nyl nd direct 6.00 5.00 8.00 1.00 5.00	g new E(50kg), st hine & g ding supp fication ar 23.00 30.00 30.00 25.00 1	10 10 10 10 10 ent bar filling weight weight in includes specif	pty ceme abour fo cft and w th stichin d of 150m d design,	upply of new bag with I volume of filled bag 1.2 pproved nylon thread wi ags and placing with a lea II complete as per approve HS HS	S (v) a a b a R R R R R R R		5
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74968.00		Jm	10.00 10.00 10.00 10.00 10.00 60.00 N all sand line by sing the eads etc E/I. 165.60 225.00 432.00 550.00 225.00	vith loca on two r, stack lon threation of E 1.20 1.50 1.80 2.00 1.50 1.70 otal:- 1	iching of enerator of the control of	g new E(50kg), st hine & g ding supp fication ar 23.00 30.00 30.00 25.00 1	10 10 10 10 10 ent bar filling weight ag mach includes specification in the specification in	pty ceme abour fo cft and w th stichin d of 150m d design,	upply of new bag with I volume of filled bag 1.2 pproved nylon thread wi ags and placing with a lea II complete as per approve HS HS HS	S (v) a a b a R R R R R R R		5

SEIGNORAGE FEE 10% FOR ROYALTY MATERIAL

LOCAL SAND
BRICK BAT
GSB
LOCAL SAND

67.90 Cum 56.58 1.20 141.85 9631.00 207.72 1.20 249.26 Cum 1,050.00 261727.00 0.00 1.28 0.00 Cum 285.35 0.00 1704.70 1.20 2045.64 Cum 141.85 290174.00 TOTAL MATERIAL COST:-561532.00 SEIGNORAGE FEE 10% 56153.00

R.W.D Dighalbank

R.W.D Dighalbank Rishahgang BIN 2