SPAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

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

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

Name of Work :-

T03-T03 TO DHANGARA (RCC BRDIGE AT T03-T03 TO

DHANGARA ATCH-9.2 KM

Block :-

Dighalbank

Estimated cost :-

Rs 1055022.00

Year: 2021-22

Inspection Report for Flood Damage Work

1.Name of PIUs

2. Name Of Block / Road

A. For Road

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

B. For Bridge

T03-T03 to Dhangaro (RCC Bridge at T03-T03 to Phayara at Ch-92 Km : Divers ion washout

1.Damage Location / Chainage

: 100.80 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

: Diversion washout

· Ec beguith L-sand

: Sand, Brick bat, Echag, L-sand

. Tractor, Trally, JCB, minor tools

: 100.80m

(Name Of Inspector)

प्रतिवेदन

प्रस्तुत प्राक्कलन ग्रामीण कार्य विभाग, कार्य प्रमंडल, किशनगंज-2 अंतर्गत दीघलबैंक प्रखंड के पथ "T03-T03 TO DHANGARA (RCC BRDIGE AT T03-T03 TO DHANGARA ATCH-9.2 KM"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:- मु0अ०- 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 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 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 Geotagged 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

सहायक अभियंता

ग्रामीण कार्य विभाग

कार्य अवर प्रमंडल- दीघलबैंक

कार्यपालक अभियंता

ग्रामीण कार्य विभाग

कार्य प्रमंडल, किशनगंज -2

ABSTRACT OF COST

Name of Work:-		T03 TO DHANGARA ATCH-9.2 KM					
Block :-		Dighalbank	1				
SI. No.		Particulars	Amount (In Rs.)				
Α	A Cost of Restoration work :-		Rs 889673.00				
В	Add 12 %	GST	Rs 106761.00				
C	Add 1 %	L. Cess	Rs 8897.00				
D	D Add S.Fee @ 10 % of Material Cost		Rs 49691.00				
		Total Cost with GST, LC & S.Fee	Rs 1055022.00				

I.E. R.W.D. R.W.D. Dighalbank Dighalbank Rishanganj - 2

Technical Sametion for Rs. 10,55,022f (Ten less fifty

fire thousand twenty two) and.

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िवर्धिक अधिक्षण अभियन्त्र ग्रामीण कार्य विभाग 04 04 22 कार्य अंचल, किशनगंज

E.0

Detailed Estimate

CI		ork :-	TO3 TO DHANGARA ATCH-S		75.B	Length	\A/id+b	Hoight			Rate	Amount
SI. No.	SDB Sl. No.	MORD Ref.No	Description	No.	No.	(M)	(M)	(M)		Unit	(Rs.)	(Rs.)
1	WRD	5.7.7	Providing bamboo piles including bamboo piles to size and per specification and direction	maki	ng sh				e job as			
				1			-	-	0.00			
				1	1	0.00	-	-	0.00	-		
2	WRD	5.7.8	Providing, fitting and fixing s 20 swg G.I. wire or 75 mm to of G.I. wire or nails, bamboo and direction of E / I.	100 1	mm lo	ng nails a	Iternativ	ely includ	ling cost	Mtr.	52.24	0.0
			and direction of E 7 i.	0	0	0.00	0.00	-	0.00			
-				0	0	-	0.00	-	0.00			-
								Total:-	0.00	Sqm	426.14	0.0
3	WRD	5.7.9	Supplying, fitting and fixing position at every vertical pil including cost of G.I. wire or per specification and direction	e wit nails	h 150 , all n E/I.	mm long naterial ar	g nails o nd labou	r 38 swg	G.I. wire		-	
				1	0	0.00	004		0.00			
			Supplying and placing barr					Total:-		Mtr.	27.71	0.0
		(b)	bunch with annealed wire 2 length, 3 nos loads filled with it with B.A. wire 8 to 10 SWG trying the bamboo roll at or	h (Bri 3 laur	ck bat nching	ts) in emp g in river a	ty ceme and placi	nt bags a ng in pos	nd trying ition and			
			to Bamboo post, including carriage of all materials at direction of E/I.	pilin	g of all cor	bamboo nplete jol	post &	royality	etc. and tion and			
			carriage of all materials at	pilin site a	g of all cor	bamboo nplete jol	post &	royality	etc. and tion and 0.00			
			carriage of all materials at	pilin site a	g of all cor	bamboo nplete jol	post &	royality specifica	etc. and tion and 0.00 0.00		1118 26	0.0
			carriage of all materials at direction of E/I.	pilin site a 0	g of all cor	bamboo mplete jol	post & b as per	royality specifica - - Total:-	0.00 0.00 0.00	No.	1118.26	0.0
5	WRD	5.7.47 (a)	carriage of all materials at	cing ce of in EC choris M awarts. a	in po about bags, ng the	pamboo mplete jol osition Tr r of 2.832 trying wi e same wi om the riv arriage o	post & b as per ee bran 2 Cum poth 20 to th B.A.w er bank f all ma	royality specifical Total:- Ches and royiding 25 SWG ire 8 to 10 including	etc. and tion and 0.00 0.00 0.00 Jhankhi 3 nos. of annealed 5 SWG to	No.	1118.26	0.0
5	WRD	The state of the s	carriage of all materials at direction of E/I. Supplying, making and pla covering cover over all space loads by filling boulder spall wire to the tree spur and an the bamboo post at least 15 bamboo post & royality each	pilin site a 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	in po abou bags ng the vay fro and co and co	position Tr r of 2.833 trying wi e same wi om the riv arriage o direction of	post & b as per ee bran 2 Cum poth 20 to th B.A.w er bank f all ma	royality specifical Total:- Ches and royiding 25 SWG ire 8 to 10 including	o.00 0.00 0.00 Jhankhi 3 nos. of annealed 0 SWG to g piling of t site all	No.	1118.26	0.0
5	WRD	The state of the s	carriage of all materials at direction of E/I. Supplying, making and pla covering cover over all space loads by filling boulder spall wire to the tree spur and an the bamboo post at least 15 bamboo post & royality each	cing ce of in EC chorin M awatc. aation	in po abou bags ng the vay fro and co and co	position Troper of 2.833, trying wie same with arriage of direction of the control of the contro	post & b as per ee bran 2 Cum poth 20 to th B.A.w er bank f all ma	royality specifica Total:- ches and roviding 25 SWG ire 8 to 10 including aterials a	o.00 0.00 0.00 Jhankhi nos. of annealed SWG to gpiling of t site all	No.		
5	WRD	(a)	carriage of all materials at direction of E/I. Supplying, making and pla covering cover over all space loads by filling boulder spall wire to the tree spur and an the bamboo post at least 15 bamboo post & royality excomplete job as per specification.	pilin site a 0 0 0 cing ce of in ECchorin M awetc. a ation ()	in po abou bags ng the vay fro and co and co	position Troper of 2.833, trying wie same with arriage of direction of the control of the contro	ee bran 2 Cum p th 20 to th B.A.w er bank f all ma	royality specifical Total:- Ches and royiding 25 SWG ire 8 to 10 including	o.00 0.00 0.00 Jhankhi 3 nos. of annealed 0 SWG to g piling of t site all	No.	1118.26	0.0
5	WRD	The state of the s	carriage of all materials at direction of E/I. Supplying, making and pla covering cover over all space loads by filling boulder spall wire to the tree spur and an the bamboo post at least 15 bamboo post & royality ecomplete job as per specification.	pilin site a 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	in po about bags, ng the vay from and co and and co and and and and and and and and and and and and and and and and	position Transfer of 2.832, trying with esame with the riversity of the shoulder of the should	ee brand 2 Cum poith 20 to the B.A.wer bank of E/I. Ilders rs with eads, transced to chnical S	royality specifica Total:- ches and royiding 25 SWG ire 8 to 10 including aterials a Total:- approved ansportin meet req pecification 0 0.00	etc. and tion and 0.00 0.00 0.00 Jhankhi 3 nos. of annealed 0 SWG to g piling of t site all 0.00 0.00 materia g to site uirement on Clause 0.00 0.00	No.		
		(a)	Construction of subgrade Construction of subgrade a obtained from borrow pits spreading, grading to require of Table 300.2 with lead up of the control of th	pilin site a 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	in po about bags, ng the vay from and co and and co and and and and and and and and and and and and and and and and	position Transfer of 2.832, trying with esame with the riversity of the shoulder of the should	ee brand 2 Cum poith 20 to the B.A.wer bank of E/I. Ilders rs with eads, transced to chnical S	royality specifica Total:- ches and royiding 25 SWG ire 8 to 10 including aterials a Total:- approved ansportin meet req pecification 0 0.00	etc. and tion and 0.00 0.00 0.00 Jhankhi 3 nos. of annealed 0 SWG to g piling of t site all 0.00 0.00 materia g to site uirement on Clause	No.	1562.35	0.0

SI. No.	SDB Sl. No.	MORD Ref.No	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
			Restoration of raincuts viclearing, the loose soil, blayers not exceeding 25 power rammers to restor	enching o	of 300 d con	mm widt	h, laying with pla	fresh ma te comp	iterial in actor or			-
			***************	0	0	0.00	0.00	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	(First cla	iss) b	edding						
Ü	(i)	& 800	Fillling and spreading le technical specification Cla	ocal sand	dove	r brick b	ats as p	oer draw	ing and			
				1		30.00	4.00	0.15	18.00			
				1	1	30.00	0.55	0.15	2.48			
				1	1	19.00	4.60	0.15	13.11			
-				1	1	8.00	5.00	0.15	6.00			
				1	1	5.80	5.80	0.15	5.05		25	
				1	1	8.00	4.00	0.15	4.80			
								Total:-	49.44	Cum	514.43	25433.00
9	WRD	5.7.40	Brick bats Providing laying and spr	eading br	rick ba	ats in Roa	d ditche	es all com	nplete as			
		12 to	per approved design, spe									
-			bei abbiotes and Billian	1				0.90	108.00			
	-			1	-			0.80	109.20			
				1	_			0.70	61.18			
	-			1	-			1.40	56.00			
_				1	+				30.28			
	-			1	-				19.20			
-					-	0.00	4.00	Total:-			2168.72	832485.00
10	4.1	401	Granular Sub-base wi	th Wall (rado	d Materi	ial		505.00	23000		
10	4.1	401 (i)	(By mix in place meth Construction of granula spreading in uniform lay	od) For our sub-bar sub-bar with	Gradi ise b tracto	ng II Mai y providi or mounte	terial ng well ed grade	r arrange	ment on			×
		THE	prepared surface, mixing and compacting with sm	ooth wh	eel ro	oller to ac	hieve th	otavator e desirec	at OMC, I density,			
			complete as per Technic			Clause 40	01.	0.00	0.00	-		- 4
				0			+		0.00	1		
				0				Total:-	0.00		2977.54	0.00
11_			Providing and laying rei	nforced c	emen	t concret	e pipe N	P3 for cu				
			first class bedding of gra	inular ma	iteriai	in single	row inci	uuiiig iix	nig conar	1		
	-		with cement mortar 1 backfilling, concrete and	L:2 but 6 d masonry	work	ing excar in head	walls ar	nd parape	ets Clause			
			1106.			0.00			0.00			
			4						0.00	-		
) (0.00	1	Total:-		Mtr.	4452.39	0.0
					0.	L D .			0.00	, IVILI.	7732.33	0.00
					Cina	ie Row (ouumm	Dia.j	duarts or			
12			RCC Pipe NP3 as per of Providing and laying rei	nforced o	emen	t concret	e pipe N	IP3 for cu	iivei ts oi			
12			Providing and laying rei first class bedding of gra	nforced of anular ma	emen ateria	t concret I in single	e pipe N row incl	uding fix	ing colla	r		
12	h		Providing and laying rei first class bedding of gra with cement mortar 1	nforced of anular ma 1:2 but of	emen ateria exclud	it concret I in single Iing exca	e pipe N row incl vation,	uding fix protectio	ing colla n works	r ,		
12	h		Providing and laying rei first class bedding of gra with cement mortar 1 backfilling, concrete and	nforced of anular ma 1:2 but of	emen ateria exclud	it concret I in single Iing exca	e pipe N row incl vation,	uding fix protectio	ing colla n works	r ,		
12	h		Providing and laying rei first class bedding of gra with cement mortar 1	nforced of anular ma 1:2 but of d masonry	emen ateria exclud	it concret I in single ling exca ks in head	e pipe N row incl vation, walls ar	uding fix protectio	ing colla n works ets Clause 0.00	, , e		
12			Providing and laying rei first class bedding of gra with cement mortar 1 backfilling, concrete and	nforced of anular ma 1:2 but of d masonry	emen ateria exclud y worl	it concret I in single ling exca ks in head 0 0.00	e pipe N row incl vation, walls ar	uding fix protectio	n works ets Clause 0.00			
12			Providing and laying rei first class bedding of gra with cement mortar 1 backfilling, concrete and	nforced of anular ma 1:2 but of d masonry	emen ateria exclud y work	it concret I in single ling exca ks in head 0 0.00	e pipe N row incl vation, walls ar	uding fix protectio	n works ets Clause 0.00		1752.33	0.00

Amount (Rs.)	Rate (Rs.)	nit		(M)	M)	gth W	(1	No.	No.	Description	MORD	SDB	SI.	
0.00	1752.33	Λtr.	works,	otection	on, pro	ngle row excavati	in si ing	teria xclud wor	anular ma 1·2 but e	Providing and laying reinfirst class bedding of granwith cement mortar 1: backfilling, concrete and 1106.		Sl. No.	No.	
				10.00.						Supply of new bag wit				
0.00			ng the f 150m in dry design,	or, stack h a lead o ed crates	generate Lm) with the fille	it 50kg), nine & ; x 1m x 1 lacing t	weigl mac (1m	and thing of size ads ads	oag 1.2 cft d with stice lon crate o ylon threa d of 30m, tion of E/I	Supply of new bag with Supply of new bag and sand (volume of filled bat approved nylon thread bags and placing in Nylot including supply of nylot portion within a lead specification and directions.			14_	
0.00	1249.46	No.	0.00					•						
						gs	nt ba	eme	g empty c	Providing and filling	5 7 53		15	
			king the eads etc	ntor, stace nylon the ection of	genera pply of r	g new 50kg), thine & ding su	fillir eight ma inclu	r for nd w ichin 150n	vith labou 1.2 cft ar ad with sti	Supply of new bag wi (volume of filled bag 1 approved nylon thread bags and placing with a all complete as per app	3.7,33	15		
			18.00	1.25	0.80	18.00	1	1						
		Cum	10.40		0.80	5.00	1	2					-	
31755.0	38.03	No.	28.40	Total:-										
889673.0	TOTAL	140.	633	each bag	4 Cum e	@ 0.03					-	-	-	

GNORAGE FEE 10% FOR ROYALTY MATERIAL	40.44	1.20	_	59.33	Cum	141.85	8416.00
LOCAL SAND	49.44			460.63			483664.00
	383.86	1.20	=	-	1	-/	0.00
BRICK BAT	0.00	1.28	=	0.00	Cum	285.35	
GSB	28.40	1.20	=	34.08	Cum	141.85	4834.0
LOCAL SAND	28.40	2.20	ТО	TOTAL MATERIAL COST:-			496914.00
			SEIGNORAGE FEE			10%	49691.00

J.E R.W.D Dighalbank A.E.D. II D. R.W.D. Dighalbank

R.W.D Kishangani 2