# SEAL WORKS DEPARTMENT OF THE SEAL WORKS DEPAR



#### **GOVERNMENT OF BIHAR**

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

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

Name of Work :-

T05-T04 TO LOHAGARA (TRACK53)

Block :-

Dighalbank

Estimated cost :-

Rs 7086553.00

Year: 2021-22

## Inspection Report for Flood Damage Work

Inspection Report for 1.55	6168 a 2 00 MA = 2
I.Name of PIUs	Cishanganj-2 Dighalbank
2. Name Of Block / Road	TOS-TOA to Lohagara (Track 53)
A. FOR ROad	
i ) Material Being Used In Restoration  ii) Equipment / Tools Being Used In Restoration Work  iii) Procedure Taken Up In Restoration Works	458 M  Cut, Washout, Erosian of Flank youngt.  Bambor fielit, Dunner, Sand to Bubet on Enc. Bath of Enc. Bath on Enc. Bath of Enc. Bath
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  Equipment / Tools Being Used in Restoration  Procedure Taken Up In Restoration Works  Restored Length	:
Signature of JE / AE / EE	Salistatory.  County  Signature  (Name Of Inspector)

#### प्रतिवेदन

प्रस्तुत प्राक्कलन ग्रामीण कार्य विभाग, कार्य प्रमंडल, किशनगंज-2 अंतर्गत दीघलबैंक प्रखंड के पथ "T05-T04 TO LOHAGARA" 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 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 |

ग्रामीण कार्य विभाग

कार्य प्रशाखा- दीघलबैंक

ग्रामीण कार्य विभाग

कार्य अवर प्रमंडल- दीघलबैंक

ग्रामीण कार्य विभाग

कार्य प्रमंडल, किशनगंज -2

#### ABSTRACT OF COST

Block :- Dighalbank         SI. No.       Particulars       Amount (In Rs.)         A       Cost of Restoration work (PART A ROAD SIDE) :- ₹ 18,19,405         B       Add 12 % GST       ₹ 2,18,329         C       Add 1 % L. Cess       ₹ 18,194         D       Add S.Fee @ 10 % of Material Cost       ₹ 86,372         Total Cost with GST, LC & S.Fee       ₹ 21,42,300         A       Cost of Restoration work (PART B DOGIRIJA RIVER SIDE) :- ₹ 41,92,331         B       Add 12 % GST       ₹ 5,03,080         C       Add 1 % L. Cess       ₹ 41,923         D       Add S.Fee @ 10 % of Material Cost       ₹ 2,06,919         Total Cost with GST, LC & S.Fee       ₹ 49,44,253         Total Cost with GST, LC & S.Fee ( A+B )       ₹ 70,86,553	Name of W	/ork :-	T05-T04 TO LOHAGARA (TRACK53)	and the second second
A       Cost of Restoration work (PART A ROAD SIDE) :-       ₹ 18,19,405         B       Add 12 % GST       ₹ 2,18,329         C       Add 1 % L. Cess       ₹ 18,194         D       Add S.Fee @ 10 % of Material Cost       ₹ 86,372         Total Cost with GST, LC & S.Fee       ₹ 21,42,300         A       Cost of Restoration work (PART B DOGIRIJA RIVER SIDE) :-       ₹ 41,92,331         B       Add 12 % GST       ₹ 5,03,080         C       Add 1 % L. Cess       ₹ 41,923         D       Add S.Fee @ 10 % of Material Cost       ₹ 2,06,919         Total Cost with GST, LC & S.Fee       ₹ 49,44,253	Block :-		Dighalbank	
A Cost of Restoration Work (FART A ROAD SIDE).  B Add 12 % GST  C Add 1 % L. Cess  Total Cost  Total Cost with GST, LC & S.Fee  ₹ 21,42,300  A Cost of Restoration work (PART B DOGIRIJA RIVER SIDE):-  ₹ 41,92,331  B Add 12 % GST  C Add 1 % L. Cess  D Add S.Fee @ 10 % of Material Cost  Total Cost with GST, LC & S.Fee  ₹ 41,923  Total Cost with GST, LC & S.Fee	Si. No.		Particulars	Amount (In Rs.)
B       Add 12 % GST         C       Add 1 % L. Cess         D       Add S.Fee @ 10 % of Material Cost         Total Cost with GST, LC & S.Fee         ₹ 21,42,300         A       Cost of Restoration work (PART B DOGIRIJA RIVER SIDE):-         ₹ 41,92,331         B       Add 12 % GST         C       Add 1 % L. Cess         D       Add S.Fee @ 10 % of Material Cost         Total Cost with GST, LC & S.Fee       ₹ 49,44,253         Total Cost with GST, LC & S.Fee       ₹ 49,44,253	Α	Cost of R	estoration work (PART A ROAD SIDE) :-	₹ 18,19,405
C       Add 1 % L. Cess         D       Add S.Fee @ 10 % of Material Cost       ₹ 86,372         Total Cost with GST, LC & S.Fee       ₹ 21,42,300         A       Cost of Restoration work (PART B DOGIRIJA RIVER SIDE) :-       ₹ 41,92,331         B       Add 12 % GST       ₹ 5,03,080         C       Add 1 % L. Cess       ₹ 41,923         D       Add S.Fee @ 10 % of Material Cost       ₹ 2,06,919         Total Cost with GST, LC & S.Fee       ₹ 49,44,253	В	Add 12 %	GST	₹ 2,18,329
D       Add S.Fee @ 10 % of Material Cost       ₹ 86,372         Total Cost with GST, LC & S.Fee       ₹ 21,42,300         A       Cost of Restoration work (PART B DOGIRIJA RIVER SIDE) :-       ₹ 41,92,331         B       Add 12 % GST       ₹ 5,03,080         C       Add 1 % L. Cess       ₹ 41,923         D       Add S.Fee @ 10 % of Material Cost       ₹ 2,06,919         Total Cost with GST, LC & S.Fee       ₹ 49,44,253	C	Add 1 %	L. Cess	₹ 18,194
Total Cost with GST, LC & S.Fee ₹ 21,42,300  A Cost of Restoration work (PART B DOGIRIJA RIVER SIDE):- ₹ 41,92,331  B Add 12 % GST ₹ 5,03,080  C Add 1 % L. Cess ₹ 41,923  D Add S.Fee @ 10 % of Material Cost ₹ 2,06,919  Total Cost with GST, LC & S.Fee ₹ 49,44,253		Add S.Fe	e @ 10 % of Material Cost	₹ 86,372
A Cost of Restoration work (PART B booting Attributes)  B Add 12 % GST  C Add 1 % L. Cess  D Add S.Fee @ 10 % of Material Cost  Total Cost with GST, LC & S.Fee  ₹ 49,44,253				₹ 21,42,300
B Add 12 % GST  C Add 1 % L. Cess  D Add S.Fee @ 10 % of Material Cost  Total Cost with GST, LC & S.Fee  ₹ 49,44,253	А	Cost of R	estoration work (PART B DOGIRIJA RIVER SIDE) :-	₹ 41,92,331
C Add 1 % L. Cess  D Add S.Fee @ 10 % of Material Cost  Total Cost with GST, LC & S.Fee  ₹ 49,44,253		Add 12 %	6 GST	₹ 5,03,080
D Add S.Fee @ 10 % of Material Cost  Total Cost with GST, LC & S.Fee  ₹ 49,44,253	С	Add 1 %	L. Cess	₹ 41,923
Total Cost With dail, te da an ea	D	Add S.Fe	ee @ 10 % of Material Cost	₹ 2,06,919
Total Cost with GST, LC & S.Fee ( A+B ) ₹ 70,86,553			Total Cost with GST, LC & S.Fee	₹ 49,44,253
		Total Co		₹ 70,86,553
		R.W.D ghalbank	R.W.D Dighalbank	R.W.b. Kishanganj - 2

Technical Sanction for Rs 70,86,553/- (Seventy lacs Eighty six thousand five hundred fifty three) only.

Pallan Kuni 04/04/22

अभीक्षण अभियन्ता मानीण कार्य विमाग कार्य अंचल,किशनगंज

E.O

#### Detailed Estimate ( ROAD SIDE )

			Deta	iled Estimate (	ROAD SIL	JE I			
		al.	T05-T04 TO LOHAGARA	TRACK53)				Deto	Amount
Name Sl.	sDB	MORD	Description	No. No. Leng	th Width (M)	(M)	Qty. Unit	Rate (Rs.)	(Rs.)
No.	SI. No. WRD	Ref.No 5.7.7	Providing bamboo piles in bamboo piles to size and	cluding labour for co making shoes and d	tting of 62	mm to 75 omplete j			
			specification and direction AT CH 0.375KM	4 50 -	.00		672.00 336.00		
			NEAR DOGIRIJA BRIDGE NEAR NAIN BHITTA	2 69	3.00		414.00 264.00		5
			CH. 9TH KM		3.00		1686.00 Mtr	52.24	88077.00
2	WRD	5.7.8	Providing, fitting and fix 20 swg G.I. wire or 75 m						
			of G.I. wire or nails, bar	aboo labour for cor	nplete job	as per sp			
			and direction of E / I.	0 0	0.00 0.0		- 0.00 - 0.00		
				0 0	0.00 0.0	Total:	- 0.00 Sqr	m 426.14	0.00
			g Supplying, fitting and	ixing 62 mm to 75	mm dia	bamboo	runners in		
3	WRD	5.7.							
			including cost of G.I. w	re or nails, all mate	rial and lab	our comp	nete job as		
			per specification and di	ection of E/I.	16.00	-1	- 192.00		
			AT CH 0.375KM NEAR DOGIRIJA BRIDGE	2 3	16.00	-	- 96.00 - 117.60		
			NEAR NAIN BHITTA	2 3	19.60 25.00		- 75.00	W = 100 =	12217.00
			CH. 9TH KM	1 3		Tota	I:- 480.60 M	tr. 27.7	1 13317.00
		D 5.7	.46 Supplying and placing b	amboo roll each ro	l of 4 nos u	ncleared	full bamboo		
		(1	with annealed wire 20 nos loads filled with (B.A. wire 8 to 10 SWG the bamboo roll at C Bamboo post, including of all materials at site	to 25 SWG at least of Brick bats) in empty launching in river of the end at least 15	cement b and placing M away from	ags and to in position om the reality etc.	rying it with on and trying iver bank to and carriage d direction of		
			E/I.	0 0	-	+	- 0.00 - 0.00		
				0 0			tal:- 0.00	No. 1118.	26 0.00
	5 W	/RD 5	(a) Supplying, making a covering cover over loads by filling bould wire to the tree spur the bamboo post at bamboo post & rocomplete job as per	all space of about er spall in EC bags, t and anchoring the s east 15M away from	rying with ame with E the river riage of a	20 to 25 S 3.A.wire 8 bank incl II materia	to 10 SWG to uding piling of		
			complete job as per			- F	- 0.00		
				0 0			- 0.00 otal:- 0.00		2.35 0.00
	6	3.14	Construction of sulphin obtained from bor spreading, grading of Table 300.2 with	row pits with all li	its and lea	ds, trans ed to me nical Spec	et requirement cification Clause	:	
			303.1.	0 0	0.00	0.00	0.00 0.00 0.00 0.00 Total:- 0.00	0	74.93 0.00

							L 14/	dth H	leight			Rate	Amount
	SDB	MORD	Description		No.	Lengt (M)	(1	oth H	(M)	Qty.	Unit	(Rs.)	(Rs.)
	il. No.	Ref.No	Restoration of Rain Cuts	(By M	lanua	I Mea	ns)						
7	10.01	3002.0	Restoration of raincuts with clearing, the loose soil, bendlayers not exceeding 250m power rammers to restore to	h soil, ching	of 300	rum, g Omm w mpactii	ravel c vidth, la ng with	h plate	e compa				
			power rammers to restore	(		.0	.00	0.00	0.00	0.00		270.68	0.00
				- `					Total:-	0.00	Cum	378.68	0.00
8	9.2 (i)	1100 & 800	Sand filling or Type B (F Filling and spreading locatechnical specification Claus	al sar	10 OV	<b>beddi</b> er brid	ng :k bats	s as p					
					4	1 16	5.00	1.20	0.30	23.04			
			AT CH 0.375KM NEAR DOGIRIJA BRIDGE		1	2 1	7.00	2.50	0.30	25.50			
			NEAR DOGINIA BRIDGE			1 30	0.00	1.40	0.30	25.20			
			NEAR NAIN BHITTA			1 3	0.00	2.50	0.30	22.50	1		
			CH. 9TH KM		_	1.9	0.00	1.60	0.30	14.40	1	F14.42	56917.00
				1		-			Total:-	110.64	Cum	514.43	30317.00
100	WRD		Providing laying and spreader approved design, special CH 0.375KM NEAR DOGIRIJA BRIDGE NEAR NAIN BHITTA CH. 9TH KM 8TH KM  Granular Sub-base with	h We od) For sub ers w g by m	4 1 2 1 Il Gra or Gra o-base ith tra nix in whee	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	16.00 17.00 30.00 30.00 30.00 Material II Material II Material	1.20 2.50 1.40 2.50 5.00 al erial g well d grad d with	1.20 1.50 1.40 2.20 0.90 Total:-	92.1/ 127.5/ 117.6/ 165.0/ 135.0/ 637.26/ materiagement (r at OM) ed densir	5 0 0 0 0 5 Cum	2168.72	1382039.00
1	1		RCC Pipe NP3 as per of Providing and laying reinfirst class bedding of grawith cement mortar backfilling, concrete and 1106.	anular	mate	erial in	single	row in vation, I walls	cluding , protect and para	culverts fixing co tion wo apets Cla	on Illar rks, use	n 2977.54 tr. 4452.3	
									Tota	11	).UU IVI		-

	MORD	Description	No.		(1/4)	h Width (M)	(M)	t Qty.	. Unit	Rate (Rs.	15	
lo. Sl. No.	Ref.No	RCC Pipe NP3 as per Providing and laying re first class bedding of g with cement mortar backfilling, concrete at 1106.	ranular mat	erial xcludi work	in sing ing exe s in he	le row inc	luding f protect	pets Clar	rks, use 0.00			0.00
							Tota		0.00 Mtr	. 175	2.33	0.00
13		RCC Pipe NP3 as pe Providing and laying first class bedding of with cement mortal backfilling, concrete a	granular ma	ateria	l in sin	gle row in	ncluding	fixing continued the street of	orks, ause			
		1106.		0	•	0.00	-		0.00			
				0	0	0.00	Tot		0.00 M	r. 17	752.33	0.00
		approved nylon thr bags and placing in	Nylon crate nylon thread	ls etc,	placin	nine & ge x 1m x 1m ng the fille	d crates	in dry po	ortion			
		bags and placing in including supply of i within a lead of 30 and direction of E/I	nylon thread im, all comp	ds etc, olete 0	placin	a the fille	d crates	in dry po	0.00	do 1	249.46	0.00
		including supply of I within a lead of 30 and direction of E/I	nylon thread nm, all comp	olete 0 0	, placin as per 0 0	ag the fille approved	d crates	in dry po	ortion cation 0.00	No. 1	249.46	0.00
		including supply of I within a lead of 30 and direction of E/I	m, all comp	olete 0 0	, placin as per 0 0	ag the fille	d crates d design	in dry po , specific -	0.00 0.00 0.00	No. 1	249.46	0.00
15	5.7.	including supply of a within a lead of 30 and direction of E/I  53 Providing and fill Supply of new ba (volume of filled approved nylon the within the supplemental supplement	ling empty g with labo bag 1.2 cft hread with	olete  0 0 cem our for and stiching	, placin as per 0 0 ent ba or fillin weight	ng the fille approved ags ng new E6 50kg), 50 chine & 8	d crates d design C bag w tiching c generato	in dry pr , specific - with loca on two or, stack lon thre	0.00 0.00 0.00 0.00 I	No. 1	249.46	0.00
15	5.7.	including supply of a within a lead of 30 and direction of E/I  53 Providing and fil Supply of new ba (volume of filled)	ling empty g with labo bag 1.2 cft hread with	olete  0 0 cem our for and stiching 150 design	, placin as per 0 0 eent ba or fillin weight ng mai om inclu	ng the fille approved ngs ng new Ed 50kg), si chine & g uding sup-	d crates d design C bag w tiching c generato ply of ny nd direc	in dry po , specific with loca on two or, stack lon thre tion of E 2.50	0.00 0.00 0.00 I old sand line by ing the lads etc /I.	No. 1	249.46	0.00
15	5.7	including supply of a within a lead of 30 and direction of E/I  53 Providing and fill Supply of new ba (volume of filled approved nylon the within the supplemental supplement	ling empty g with labo bag 1.2 cft hread with	olete  0 0 cem our for and stiching 150 design	o placin as per  o o  ent ba or fillin weight ng mai om inclu	ng the fille approved ags ng new E6 50kg), 50 chine & 8	d crates d design  C bag w tiching c generato ply of ny nd direc  1.20 1.20	in dry po , specific with loca on two or, stack lon thre tion of E 2.50 2.00	0.00 0.00 0.00 I old sand line by ing the ads etc /I. 48.00 38.40	No. 1	249.46	0.00
15	5.7	including supply of a within a lead of 30 and direction of E/I  53 Providing and fill Supply of new ba (volume of filled approved nylon the within the supplemental supplement	ling empty g with labo bag 1.2 cft	olete  0 0 cem our for and stiching 150 design 1	o placin as per 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ng the fille approved ags ng new El 50kg), si chine & g uding supi ification a	d crates d design  C bag w tiching c generato ply of ny nd direc  1.20 1.20 1.20	in dry print of the control of E 2.50 2.00 2.00	0.00 0.00 0.00 I oll sand line by ing the ads etc /I. 48.00 38.40 47.04	No. 1	249.46	0.00
15	5.7.	including supply of a within a lead of 30 and direction of E/I  53 Providing and fill Supply of new ba (volume of filled approved nylon the within the supplemental supplement	ling empty g with labo bag 1.2 cft	olete  0 0 cem our for and stiching 150 design 1	o placin as per 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ng the fille approved ags ng new E 50kg), s chine & g uding sup- ification a 16.00 16.00	d crates d design  C bag w tiching c generato ply of ny nd direc  1.20 1.20 1.20 1.20	with location two r, stack-lon threation of E 2.50 2.00 1.50	0.00 0.00 0.00 0.00 I al sand line by ing the ads etc /I. 48.00 38.40 47.04 35.28	No. 1	249.46	0.00
15	5.7	including supply of a within a lead of 30 and direction of E/I  53 Providing and fill Supply of new ba (volume of filled approved nylon the within the supplemental supplement	ling empty g with labo bag 1.2 cft	olete  0 0 cem our for and stiching 150 design 1	o placin as per 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ng the fille approved ags ng new E 50kg), s chine & g uding sup- ification a 16.00 16.00 19.60	d crates didesign  C bag with the tiching cogenerator ply of ny and direct 1.20 1.20 1.20 1.20 1.20 1.20 1.20 1.20	with location two or, stack-lon threation of E 2.50 2.00 1.50 1.80	0.00 0.00 0.00 0.00 I oll sand line by ing the ads etc /I. 48.00 38.40 47.04 35.28 64.80		249.46	
15	5.7.	including supply of a within a lead of 30 and direction of E/I  53 Providing and fill Supply of new ba (volume of filled approved nylon the within the supplemental supplement	ling empty g with labo bag 1.2 cft	oblete  cem ocem fc and f150 design 1 1	o placin as per 0 0 0 o ent ba or filling maior maior, specification, specification 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ng the fille approved ags ng new Ed 50kg), si chine & g uding sup ification a 16.00 16.00 19.60	d crates d design  C bag we tiching cogenerator of ny and direct 1.20 1.20 1.20 1.20 1.20	in dry printing in dry printing in two or, stack lon threation of E 2.50 2.00 1.50 1.80 Total:	0.00 0.00 0.00 0.00 I al sand line by ing the ads etc /I. 48.00 38.40 47.04 35.28	Cum	38.03	261190.00
		including supply of a within a lead of 30 and direction of E/I.  53 Providing and fill Supply of new ba (volume of filled approved nylon the bags and placing vall complete as pe	ling empty g with labo bag 1.2 cft baread with with a lead or approved o	o cem o cem our for and stiching 150 design	o placin as per 0 0 0 o ent ba or filling maior maior, specification, specification 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ng the fille approved ags ng new El 50kg), si chine & g uding sup- ification a 16.00 16.00 19.60 19.60 30.00	d crates d design  C bag we tiching cogenerator of ny and direct 1.20 1.20 1.20 1.20 1.20	in dry printing in dry printing in two or, stack lon threation of E 2.50 2.00 1.50 1.80 Total:	0.00 0.00 0.00 0.00 I al sand line by ing the ads etc /I. 48.00 38.40 47.04 35.28 64.80 233.52	Cum	38.03 TOTAL	261190.00 <b>1819405.00</b>
		including supply of a within a lead of 30 and direction of E/I.  53 Providing and fill Supply of new ba (volume of filled approved nylon the bags and placing vall complete as pe	ling empty g with labo bag 1.2 cft baread with with a lead or approved o	o cem o cem our for and stiching 150 design	o placin as per 0 0 0 o ent ba or filling maior maior, specification, specification 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ngs new E0 50kg), sichine & 6 uding suprification a 16.00 19.60 30.00	d crates d design  C bag we tiching of a comply of ny nd direct 1.20 1.20 1.20 1.20 1.20 1.20 1.20 1.20	in dry printing in dry printing in two or, stack lon threation of E 2.50 2.00 1.50 1.80 Total:	0.00 0.00 0.00 0.00 I al sand line by ing the ads etc /I. 48.00 38.40 47.04 35.28 64.80 233.52 6868	Cum No.	38.03	261190.00 <b>1819405.00</b>
SEIGNO		including supply of a within a lead of 30 and direction of E/I.  53 Providing and fill Supply of new ba (volume of filled approved nylon the bags and placing vall complete as pe	ling empty g with labo bag 1.2 cft baread with with a lead or approved o	o cem o cem our for and stiching 150 design	o placin as per 0 0 0 o ent ba or filling maior maior, specification, specification 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ng the fille approved ags ng new El 50kg), si chine & g uding sup- ification a 16.00 16.00 19.60 19.60 30.00	d crates d design  C bag we tiching cogenerator of ny and direct 1.20 1.20 1.20 1.20 1.20	in dry printing in dry printing in two or, stack lon threation of E 2.50 2.00 1.50 1.80 Total:	0.00 0.00 0.00 0.00 I al sand line by ing the ads etc /I. 48.00 38.40 47.04 35.28 64.80 233.52	Cum No.	38.03 TOTAL	261190.00 <b>1819405.00</b> 18833.00

BRICK BAT GSB

LOCAL SAND

110.64 1.20 = 132.77 Cum 141.85 18833.00 637.26 1.20 = 764.71 Cum 1,050.00 802948.00 6.00 1.28 = 7.68 Cum 285.35 2191.00 233.52 1.20 = 280.22 Cum 141.85 39750.00 TOTAL MATERIAL COST:- 863722.00 SEIGNORAGE FEE 10% 86372.00

R.W.D

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

### Detailed Estimate ( NEAR DOGIRIJA RIVER SIDE )

lami								NIVEN .					
amı		l. 1	T05-T04 TO LOHAGARA	(TRACKS	3)								
	e of Wo		103-104 10 20111101111			Length	Width	Height	0	ty. l	Jnit		Amount
SIL.	SDB	MORD	Description	No.		(M)	(M)	(M)				(Rs.)	(Rs.)
O.	SI. No.	Ref.No 5.7.7	Providing bamboo piles in	cluding l	abour	for cuttin	g of 62	mm to	/5 mr	n dia			
	WRD	5.7.7	bamboo piles to size and	making s	hoes	and drivin	g etc co	mplete	Job a	s per			
			specification and directio	n of E/I									
			Specification and	2	105	3.00		v a sa s		30.00 30.00			
				2		3.00				30.00			
				2			•			30.00			
			HP PORTION	. 2	105	3.00		Total		20.00	Mtr.	52.24	131645.00
							chachs	ri in no	sition	with			
2	WRD	5.7.8	Providing, fitting and fix	ing split	bamb	oo woven	ltornat	ively inc	ludin	e cost			
-	11110		1	to 100	mm	ong naus d	allel mar	IVCIY IIIC		0			
			of G.I. wire or nails, bar	nboo lab	our to	or comple	te jou a	12 hci 31	occ				
			and direction of E / I.							0.00			
				(		0.00				0.00			
							21	Tota	1:-	0.00	Sqm	426.14	0.00
			Supplying, fitting and f	ixing 62	mm	to 75 mr	n dia b	amboo	runn	ers in			
3	WRD	5.7.9	- this	al mila 14/1	th 15	n mm ion	E Halls	01 30 3.	0				20
			including cost of G.I. wi	re or nai	ls all	material a	and labo	our com	plete	job as			
			including cost of G.I. Wi	action of	F/I								
			per specification and di	ection o	2	3 30.00	0	+		180.00			
						3 30.0	0	-		180.00			
					2	3 30.0		e.,		180.00			
			HP PORTION		2	3 30.0	0	Tota		180.00 720.00		27.71	19951.00
				rick hate	in e	east at till	nent ba	each othes along gs and t	trying	it with	n		12
			nos loads filled with (I B.A. wire 8 to 10 SWG the bamboo roll at o	Brick bats launchin ne end a	s) in e g in r it leas	east at the empty centiver and post to 15M average post	nent ba lacing i way fro & roya	gs and to n position m the rollity etc.	trying on an iver	it with d trying bank to carriag	g o e		
			nos loads filled with (I B.A. wire 8 to 10 SWG the bamboo roll at o Bamboo post, includin of all materials at site	Brick bats launchin ne end a	s) in e g in r it leas	east at the empty centiver and post to 15M average post	nent ba lacing i way fro & roya	gs and to n position m the rollity etc.	trying on an iver	it with d trying bank to carriag ection o	n g o e of		
			nos loads filled with (I B.A. wire 8 to 10 SWG the bamboo roll at o	Brick bats launchin ne end a	s) in e g in r it leas	east at trii empty cen iver and p st 15M av nboo post ob as per s	nent ba lacing i way fro & roya	gs and to n position m the rollity etc.	trying on an iver	it with d trying bank to carriag ection o	g o e of		
			nos loads filled with (I B.A. wire 8 to 10 SWG the bamboo roll at o Bamboo post, includin of all materials at site	Brick bats launchin ne end a	s) in e g in r it leas of ban lete jo	east at thi empty cen iver and p st 15M av nboo post bb as per s	nent ba lacing i way fro & roya	gs and to n position m the reality etc.	trying on an river and d dire	it with d trying bank to carriag ection of 0.0 0.0	n g o e of o	o. 1118.2	6 0.00
			nos loads filled with (I B.A. wire 8 to 10 SWG the bamboo roll at o Bamboo post, includin of all materials at site E/I.	arick bats launchin ne end a g piling c all comp	s) in e g in r at leas of ban lete jo	east at trii empty cen iver and p st 15M av nboo post bb as per s	nent ba lacing i way fro & roya pecifica	gs and to position the relation and	trying on an river and d dire	it with d trying bank to carriag ction c  0.0  0.0  0.0	g co e of o o o o o o o o o o o o o o o o o	o. 1118.2	6 0.00
	5 WR	RD 5.7. (a	nos loads filled with (I B.A. wire 8 to 10 SWG the bamboo roll at o Bamboo post, includin of all materials at site E/I.	arick bats launchin ne end a g piling c all compl nd placin all space or spall in and anch east 15M vality etc	of aboring away	east at trii empty cen iver and p st 15M av nboo post ob as per s 0 0 position our of 2.8 ags, trying the same from the I carriage	Tree basses Curwith Barriver basses of all	gs and to position method from the relation and from the relation and from the relation and from the relation from the r	trying on an river land directal:- and ding 35WG at to 10 uding	it with d trying bank to carriag ection of 0.0 0.0 Jhank 3 nos. anneale SWG piling t site	g g o e of 0 0 No hi of ed to of	o. 1118.2	6 0.00
	5 WR		nos loads filled with (I B.A. wire 8 to 10 SWG the bamboo roll at o Bamboo post, includin of all materials at site E/I.  Supplying, making at covering cover over a loads by filling boulde wire to the tree spurt the bamboo post at least the bamboo post at least the bamboo post at least the bamboo post & roll to see the see to the tree spurt the bamboo post & roll to see the see to the see to the tree spurt the bamboo post at least to the tree spurt the bamboo post at least to the tree spurt the see the tree spurt the see to the tree spurt the see the see the tree spurt the see the se	arick bats launchin ne end a g piling c all compl nd placin all space or spall in and anch east 15M vality etc	of aboring away	east at trii empty cen iver and p st 15M av nboo post ob as per s 0 0 position our of 2.8 ags, trying the same from the I carriage	Tree basses Curwith Barriver basses of all	gs and to position method from the relation and from the relation and from the relation and from the relation from the r	trying on an river land directal:- and ding 35WG at to 10 uding	it with d trying bank to carriage ection of 0.0 0.0 Uhank 3 nos. anneale SWG piling t site	of of all		
	5 WR		nos loads filled with (I B.A. wire 8 to 10 SWG the bamboo roll at o Bamboo post, includin of all materials at site E/I.  Supplying, making at covering cover over a loads by filling boulde wire to the tree spurt the bamboo post at least the bamboo post at least the bamboo post at least the bamboo post & roll to see the see to the tree spurt the bamboo post & roll to see the see to the see to the tree spurt the bamboo post at least to the tree spurt the bamboo post at least to the tree spurt the see the tree spurt the see to the tree spurt the see the see the tree spurt the see the se	arick bats launchin ne end a g piling c all compl nd placin all space or spall in and anch east 15M vality etc	of aboring away	east at trii empty cen iver and p st 15M av nboo post ob as per s 0 0 position our of 2.8 ags, trying the same from the I carriage	Tree basses Curwith Barriver basses of all	gs and to position method from the relation and from the relation and from the relation and from the relation from the r	trying on an river land directal:- and ding 35WG at to 10 uding	it with d trying bank to carriage ection of 0.0 0.0 0.0 Jhank 3 nos. anneale SWG piling t site 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	of all	o. 1118.2	
		(a	nos loads filled with (I B.A. wire 8 to 10 SWG the bamboo roll at o Bamboo post, including of all materials at site E/I.  Supplying, making an covering cover over a loads by filling boulded wire to the tree spurthe bamboo post at leading bamboo post & roy complete job as per supplying the bamboo post of the bamboo post of the bamboo post and bamboo post and bamboo post are supplying the bamboo post and bamboo post of the bamboo post are supplying the bamboo post and bamboo post are supplying the bamboo post and bamboo post are supplying the bamboo post are supplying to supply the bamboo post are supplying the bamboo post are sup	arick bats launchin ne end a g piling o all compl nd placin all space or spall in and anch east 15M vality etc pecificati bgrade a grade an ow pits	of bandete job of about the second of about th	east at this empty centiver and post 15M averable of the same of t	Tree basses of all not E/I	gs and to position the relative technique to the relative technique techniqu	trying pon an river and d dire and a to 10 uding als at to 10 uding als at to 10 uding als at the tree coorting at the tree difficulties and the tree difficulties at the tree diffication and the tree diffications are tree diffications.	it with d trying bank to carriage ection of 0.00 0.00 Jhank 3 nos. annealed SWG piling t site 0.00 0.00 0.00 Jhank 3 nos. annealed SwG piling t site 0.00 0.00 Jhank 3 nos. annealed SwG piling t site 0.00 0.00 Jhank 3 nos. annealed Jene Jene Jene Jene Jene Jene Jene Je	of ed to of all		
		(a	nos loads filled with (I B.A. wire 8 to 10 SWG the bamboo roll at o Bamboo post, includin of all materials at site E/I.  47 Supplying, making at covering cover over a loads by filling boulde wire to the tree spurthe bamboo post at lebamboo post & roy complete job as per second construction of sub obtained from borrows.	arick bats launchin ne end a g piling o all compl nd placin all space or spall in and anch east 15M vality etc pecificati bgrade a grade an ow pits	of bandete journal of a bandete journal of about the least of bandete journal of about the least of bandete journal of about the least of about the least of about the least of a bandete journal of a	east at the empty centiver and post 15M averable as per second of the same of	Tree basses of all not E/I	gs and to position the relative technique to the relative technique techniqu	trying pon an river and directal:- coorting als all all all all all all all all all	it with d trying bank to carriage ection of 0.00 0.00 Jhank 3 nos. annealed SWG piling t site 0.00 0.00 0.00 Jhank 3 nos. annealed of switch site 0.00 0.00 0.00 Jhank 3 nos. annealed of switch site 0.00 0.00 Jhank 3 nos. annealed of switch site 0.00 0.00 Jhank 3 nos. annealed of switch site 0.00 0.00 Jhank 3 nos. annealed of switch site 0.00 0.00 Jhank 3 nos. annealed of switch site 0.00 0.00 Jhank 3 nos. annealed of switch site 0.00 Jhank 3 nos.	of ed to of all on Norial ite, ent use		35 0.0
		(a	nos loads filled with (I B.A. wire 8 to 10 SWG the bamboo roll at o Bamboo post, including of all materials at site E/I.  Supplying, making an covering cover over a loads by filling boulded wire to the tree spurthe bamboo post at leading bamboo post & roy complete job as per supplying the bamboo post of the bamboo post of the bamboo post and bamboo post and bamboo post are supplying the bamboo post and bamboo post of the bamboo post are supplying the bamboo post and bamboo post are supplying the bamboo post and bamboo post are supplying the bamboo post are supplying to supply the bamboo post are supplying the bamboo post are sup	arick bats launchin ne end a g piling o all compl nd placin all space or spall in and anch east 15M vality etc pecificati bgrade a grade an ow pits	of bandete journal of a bandet	east at the empty centiver and post 15M averable as per second of the empty centiver and post 15M averable as per second of the empty centiver and correction of the empty centiver and correction of the empty centivers are and correction of the empty centivers and correction of the empty centivers are are also and correction of the empty centivers are also as a correction of the empty centivers are also as a correction of the empty centivers and correction of the empty centivers are also as a correction of the empty centivers are also	Tree basses of all not E/I	gs and to position the relative technique to the relative technique techniqu	trying pon an river and d dire and a to 10 uding als at to 10 uding als at to 10 uding als at the tree coorting at the tree difficulties and the tree difficulties at the tree diffication and the tree diffications are tree diffications.	it with d trying bank to carriage ection of 0.00 0.00 Jhank 3 nos. annealed SWG piling t site  0. d mate ag to squirem ion Cla	of all on		35 0.0

						_45					Rate	Amount
					Len	gth W	idth He	ight	Qty. Ur	.14	(Rs.)	(Rs.)
CDB	M	ORD	Description	No. No		vi) (	M) (	M)			(11.5.7	
SDB	D.	f No		n. Mani	al Me	ans)						
. SI. No	). Ke	0020	Restoration of Rain Cuts (	By Man	lai iii		mix	ture of	these,			
10.0	1 30	002.0	contraincuts with	soil, mo	orum,	, gravei	Or a min	och mal	recial in			
			Restoration of raincuts with clearing, the loose soil, benc	hing of 3	00mm	ı width,	laying II	6211 1110	ctor or			
			clearing, the loose son, bear	m and c	ompa	cting wi	th plate	COmba	Ctor o			
			clearing, the loose soil, benc layers not exceeding 250m	ne origina	al align	ıment, le	evel and	stopes.				
			layers not exceeding 250m power rammers to restore the	ic original		0.00	0.00	0.00	0.00			
				0	0	0.00	0.00	0.00	0.00		270 68	0.00
				0	0	0.00		Total:-	0.00	Cum	378.68	4
						Lina						
			Sand filling or Type B (F	irst clas	s) bec	iding	te as D	er drav	ving and			
8 9.		1100	and corpanile loc	ai Serre		Drick De	1(3 03 1					
(i	i)	& 800	technical specification Clau	se 305.3.	9			0.30	28.80			
			technical specification	2	1	30.00	1.60	0.30	45.00			
				2	1	30.00	2.50	0.30				
				2	1	30.00	3.00	0.30				121303.00
			- a prii ON	2	1	30.00	6.00	Total:		Cum	514.43	121303.00
			HP PORTION					10.0	1			adverse in the second
								11 .cc	molete as			
9 V	VRD	5.7.4	0 Brick bats Providing laying and spre	ading br	ick ba	ts in Ro	ad ditche	es an co	иприч			
			Providing laying and spice	rification	s and	direction	of E/I	. 0	0 172.80	)		
			Providing laying and spre per approved design, spe	2	1	30.00	1.60	a 1"	01			
				2	10.50	30.0						
				2	022	30.0	0 3.00					
				2			0 6.0	0 2.5		o Cun	2168.	72 3400119.00
			HP PORTION	1	•			Total	- 1507.0	0 00	.1	
				th Wall	Grade	ed Mate	rial			1		
	4.1	40	Granular Sub-base wi	th Wen	Grad	ing II M	laterial	iide	d materia	al,		
10	7.1	(	· · · · · laca mell	mul i o.			JIAA MIA	II grade	agament (	on		
			Construction of granu spreading in uniform la	wore with	n tract	or moul	nted grad	der arra	ngernene .	1C		
			spreading in uniform la prepared surface, mixit	yers with	in pla	ace met	hod with	rotava	tor at Oiv	tu.		
			prepared surface, mixil	IB DA IIII	heel	roller to	achieve	the des	sired densi	ity,		
			prepared surface, mixing and compacting with s	mooth w	ficatio	n Clause	401.			1.27		
			and compacting with so complete as per Techni	ical Speci	ncatio	II C.C.						
					-	-						
		-							tal:- 0.0	n (	um 297	7.54 0.00
		-			-1					0 0		
			RCC Pipe NP3 as pe		in Sir	ole Ro	w (1000	mm D	ia.)	c on		
			RCC Pipe NP3 as pe	r design	d cem	ent con	crete pip	e NP3 f	or cuiver	- Une		
11										Ollai		
			rless hodding Ol	gianula.			41.0	n nrol	LECTION AND	011101		
			first class bedding of with cement morta backfilling, concrete	r 1:2 bu	it exc	nations !	nead wal	Is and p	arapets Cl	ause		
			backfilling, concrete	and maso	onry w	OFKS III	icaa	Section 5				
						2	2.50	-		37.50		
			1106.		5	3	2.50					452.39 166965.0
									Total:-	37.50	Mtr. 4	+32.33

SI.	SDB Sl. No.	MORD Ref.No	Description No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
12	12		RCC Pipe NP3 as per design in	Singl	e Row (6	00mm	Dia.)	orte on			
			Providing and laying reinforced c								
			first class bedding of granular ma with cement mortar 1:2 but e								
			backfilling, concrete and masonry								
			1106.	WOIK.	in nead		a paraper				
			1100.	0	0.00			0.00			
			C	0	0.00			0.00			
							Total:-	0.00	Mtr.	1752.33	0.00
13	3		RCC Pipe NP3 as per design in Providing and laying reinforced of	ement	concrete	pipe N	P3 for cul	verts on			
			first class bedding of granular ma	aterial	in single	row incl	uding fixii	ng collar			
			with cement mortar 1:2 but	excludi	ng excav	ation,	protection	works,			
			backfilling, concrete and masonry	work work	s in head	walls ar	nd parapet	s Clause			
			1106.					0.00			
					0.00			0.00			
				) 0	0.00		Total:-	e continu	Mtr.	1752.33	0.00
		F 7 F2	Comply of now bog with NC				TOTAL.	0.00		1,52.00	
14	14	5.7.52	Supply of new bag with NC Supply of new bag and NC with la	bour f	or filling r	ew EC b	ag with lo	cal sand		1 -1 -1 -1	
			(volume of filled bag 1.2 cft an								
			approved nylon thread with stic	hing r	nachine	& gener	ator, stac	king the			
			bags and placing in Nylon crate o	f size (	1m x 1m	x 1m) w	ith a lead	of 150m			
			including supply of nylon threads	etc, p	acing the	filled cr	ates in dry	portion			
			within a lead of 30m, all compl	ete as	per appr	oved de	esign, spec	ification			
			and direction of E/I.								
				0 0				0.00			
				0 0				0.00		1240 46	0.00
								0.00	No.	1249.46	0.00
15		5.7.53	Providing and filling empty c			-	A72 2	S W			
			Supply of new bag with labour	for f	illing nev	v EC ba	ig with lo	cal sand			
			(volume of filled bag 1.2 cft ar	nd wei	ght 50kg	, stichii	ng on two	line by			
			approved nylon thread with sti	ching	machine	& genei	rator, stac	king the			
			bags and placing with a lead of 1	50m i	ncluding s	upply o	f nylon thi	reads etc			
			all complete as per approved des	ign, sp	ecificatio	n and di	rection of	E/I.			
				1 1	30.00	1.20	1.50	54.00		ore e	
				1 1	30.00			54.00	-		
				1 1	100000	1		27.00	-		
			HP PORTION	2 1	30.00	1.2		180.00	1 27		
					600	24 (	Total:-	315.00	No.	38.03	352348.00
					@ U.C	54 CUM	each bag	9205	NO.		4192331.00

SEIGNORAGE FEE 10% FOR ROYALTY MATERIAL

BRICK BAT
GSB
LOCAL SAND

141.85 40138.00 282.96 Cum 1.20 235.80 1881.36 Cum 1,050.00 1975428.00 1567.80 1.20 0.00 0.00 1.28 0.00 Cum 285.35 141.85 53619.00 378.00 Cum 1.20 315.00 2069185.00 TOTAL MATERIAL COST:-SEIGNORAGE FEE 10% 206919.00

1.28(11/2) R.W.D

R.W.D Dighalbank R.W.D Dighalbank R.W.D Kishangani - 2