# SPAL WORKS DEPARTMENT



### **GOVERNMENT OF BIHAR**

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

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

Name of Work :-

L039 BASAK TOLA SE MUSHAR TO PATHARGHATI

Block :-

Dighalbank

Estimated cost :-

Rs 1861855.00

Year: 2021-22

# Inspection Report for Flood Damage Work

: Kishangany-2 1.Name of PIUs : Dighalbank 2. Name Of Block / Road LO39 Basak Tola se Mushar tola to Pathonghotz A. For Road 1.Damage Location / Chainage : 303.4m 2.Damage Length : Cut and exossion of Flanks court Bamboo Pilling, runner, sand filling
Brick but leying, RCC N73HP, (1000mm, 600mm)
Ec bog with L-san 3. Nature Of Damage 4. Details Of Restoration Bamboo, Sand, Brickbet RCCHP Eckay LJan i) Material Being Used In Restoration :Tractor, Trolly JCB winer toots ii) Equipment / Tools Being Used In Restoration Works : Manually iii) Procedure Taken Up In Restoration Works : 303'4m 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 "L039 BOSAC TOLA TO MUSHHAR TOLA PATHHARGHATTI" 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 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 भियंता

ग्रामीण कार्य विभाग

कार्य प्रशाखा- दीघलबैंक

सहस्यक अभियंता

ग्रामीण कार्य विभाग

कार्य अवर प्रमंडल- दीघलबैंक

कार्यपालक अभियंता

ग्रामीण कार्य विभाग

कार्य प्रमंडल, किशनगंज -2

### ABSTRACT OF COST

Name of Work :-		L039 BASAK TOLA SE MUSHAR TO PATHARGHATI								
Block :-		Dighalbank								
SI. No.		Particulars	Amount (In Rs.)							
Α	Cost of Re	storation work :-	Rs 1607996.00 Rs 192960.00							
В	Add 12 %	GST								
С	Add 1 % L	Cess	Rs 16080.00							
D	Add S.Fee	@ 10 % of Material Cost	Rs 44819.00							
		Total Cost with GST, LC & S.Fee	Rs 1861855.00							

R.W.D

(b) (22) Kishanganj - 2

Dighalbank Dighalbank Mishaligany 
Technical Samction for b. 18,61,855- (Eighteen lass sixty

one thousand eight hundred fifty fire) my.

By 04.27

E. 0

अधीक्षण अभियन्ता ग्रामीण कार्य विभाग कार्य अंचल,किशनगंज

### **Detailed Estimate**

Amount (Rs.)	Rate (Rs.)	Unit	Qty.	Height (M)	Width (M)	Length	No.	No.	Description	MORD	SDB	51.
	(113.)		mm dia		of 62	(M) for cutting	abour	cluding I	Providing bamboo piles in	Ref.No	SI. No.	
	1		h ac nor	malata ia	a oto co	and definite	L	iciduling i	Providing barriboo piles il	5.7.7	WRD	1
	i		bamboo piles to size and making shoes and driving etc complete job as per								1 1 .	
			250.00					n of E/I	specification and direction			
			258.00		-	3.00	86	1				
			315.00	-	-	3.00	105	1				
			204.00	-	-	3.00	68	1				
			315.00			3.00	105	1				
			315.00	-		3.00	105	1				
			315.00		_	3.00	2002.00	1				
			315.00			3.00		1				
			315.00			3.00	105	-				
106413.0	52.24	N.4++		Total		3.00	103	<del>-</del>				
100413.0	32.24	witt.	2037.00		my my							
			on with	i in posit	chachar	o woven	pambo	ng split b	Providing, fitting and fix	5.7.8	WRD	2
			ling cost	ely includ	Iternativ	ng nails a	mm lo	n to 100	20 swg G.I. wire or 75 mi			_
			ification	per spec	e job as	comple	our for	ahoo lahr	of G L wire or nails han			
			of G.I. wire or nails, bamboo labour for complete job as per specification									
			0.00		0.00	0.00	- 0		and direction of E / I.			
			0.00		0.00	0.00		. 0				
0.0	426.14				0.00	0.00	0	0				
0.0	426.14	Sqm		Total:-								
			nners in	mboo ru	i dia ba	75 mn	mm te	xing 62	Supplying, fitting and fi	5.7.9	WRD	3
			position at every vertical pile with 150 mm long nails or 38 swg G.I. wire									-
			e iob as	including cost of G.I. wire or nails, all material and labour complete job as								
			73.80			24.60			per specification and dire			
			90.00			24.60	- 9	1				
						30.00		1				
			58.20	-		19.40		1				
			90.00			30.00	3	1				
			90.00	-	-	30.00	3	1				
			90.00	-	-	30.00	3	1				
			90.00	-		30.00	3	1		-		
			90.00	-		30.00		1			-	
18621.0	27.71	Mtr.	672.00	Total:-	-							-
					nos uncl	roll of 4	Leach	mhoo rol	Supplying and placing ba			
			in hunch	h other		J	· cucii	111000101	Supplying and placing be	5.7.46	WRD	4
			in bullen	i other	periy ea	aing pro	ite bir	long at s	75 mm dia 6 m to 8 m	(b)		
			iength, 3	along its	e places	st at thre	at lea	25 SWG	with annealed wire 20 to			
			g it with	and tryin	nt bags	pty ceme	in em	ick bats)	nos loads filled with (Br			
			nd trying	osition a	cing in p	r and pla	in rive	unchine	B.A. wire 8 to 10 SWG la			
		)	bank to	the river	v from	15M aw	loast	and at	the bamboo roll at one			
			carriage	ate and		13141 0441	least	enu at	the bamboo roll at one			
			Carriage	etc. and	k Toyant	oo post o	damb	piling of	Bamboo post, including			
			ection of	n and dir	ecificatio	as per sp	e job	l complet	of all materials at site al			
									E/I.		1	
			0.00	-			0	0				-
		)	0.00	-				(				-
0.	1118.26	No.	0.00	Total:-							1000	
		i	Jhankh	ches and	ee bran	sition Tr	in po	placing	Supplying, making and	5.7.47	WRD	5
		f	3 nos. o	roviding	2 Cum p	of 2.83	abou	space of	covering cover over all	(a)		
		1	annealec	25 SWG	ith 20 to	truing w	hage	nall in EC	loads by filling boulder s			
	24		CINIC to	233000	1 20 10	ri ying w	. uags,	pair in EC	loads by filling boulder s			
		,	J SWG LC	ire 8 to 1	th B.A.w	same w	ng the	d anchori	wire to the tree spur an			
		f	piling o	including	er bank	m the riv	vay fro	t 15M av	the bamboo post at leas			
		1	t site al	terials a	f all ma	rriage o	ind ca	ty etc. a	bamboo post & royali			
									complete job as per spe		1	
					-,	collon C	unu u	cilication	complete Job as her she		1	
		)	0.00		-		) (	(			1	
		1	0.00				) (					
		,	0.00		-		, .					

SI. No.	SDB Sl. No.	MORD Ref.No	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)		
6	3.14	303.1	Construction of subgr	ade and	eart	hen shou	lders							
			Construction of subgrad											
			obtained from borrow											
			spreading, grading to re-											
			of Table 300.2 with lead	upto 100	00 m a	as per Tec	hnical Sp	ecificatio	on Clause					
			303.1.											
				C	) (	0.00	0.00	0.00	0.00					
				C	) (	0.00	0.00	0.00	0.00					
								Total:-	0.00	Cum	174.93	0.00		
7	10.01	3002.0	Restoration of Rain Co	ats (By N	Manu	al Means	)							
			Restoration of raincuts	with soil		rum ara	ol or a	misturo	of those					
			clearing, the loose soil, b											
			layers not exceeding 25											
			power rammers to resto											
				C	) (	0.00	0.00	0.00	0.00					
				Ċ			0.00	0.00	0.00					
								Total:-	0.00	Cum	378.68	0.00		
8	9.2	1100	Sand filling or Type B	(First cl	ass)	bedding								
æ.,	(i)	& 800	Fillling and spreading I				ats as	per drav	vine and					
	(-)	2.000	technical specification CI			3		3.31						
			teeninear specification e	1	1 .	24.60	1.80	0.15	6.64					
				1				0.15	8.10					
						1		0.15	1.16					
				1				0.15	8.10	9 -				
			E N V V IB	1			- 10 VIDAS	0.15	8.10					
				. 1				0.15	1.16					
				. 1		· Control of			18.00	+ 0.4				
					1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0.15	17.10					
				1					16.20					
				1				0.15	16.20					
	-			1	*			0.15	18.00					
				, 1		30.00		Total:-	118.76	200	514.43	61094.00		
0	MDD	E 7.40	Duigh bata			303.40		TOTAL.	110.70	Cum	314.43	01034.00		
9	WRD	5.7.40	Brick bats	nalata as										
			Providing laying and spr	ipiete as										
			per approved design, specifications and direction of E/I											
				1				0.30	13.28					
				1			200000000	0.40	21.60					
					-	. 19.40		0.20	1.55					
				1	-			0.40	21.60	+ +				
				1			2000	0.20	10.80					
				1			0.40	0.30	2.33					
				1			4.00	0.30	36.00					
				1			3.80	0.40	45.60					
				1				0.30	32.40	4.				
				1	*			0.20	21.60					
				1	. 1	30.00	4.00	0.30	36.00					
					1			_		_				
								Total:-	242.76	Cum	2168.72	526478.00		
-	4.1	401	Granular Sub-base wi											
10		(i)	(By mix in place meth	od) For	Grad	ing II Mat	terial		22,					
10			Construction of granular sub-base by providing well graded materia											
10			The state of the s	spreading in uniform layers with tractor mounted grader arrangement of										
10			spreading in uniform lay				prepared surface, mixing by mix in place method with rotavator at OMC							
10			spreading in uniform lay prepared surface, mixing	g by mix	in pla	ce metho								
10			spreading in uniform lay	g by mix	in pla	ce metho								
10			spreading in uniform lay prepared surface, mixing	g by mix ooth wh	in pla ieel ri	ce metho	hieve the							
10			spreading in uniform lay prepared surface, mixing and compacting with sm	g by mix ooth wh	in pla ieel ri	ce metho oller to aci Clause 40	hieve the 11.	desired						
10			spreading in uniform lay prepared surface, mixing and compacting with sm	g by mix ooth wh	in planeel recation	ce methodoller to acl Clause 40 0.00	hieve the 01. 0.00	desired	density,					

Company   Comp	SI. SE	B MORE				Length	Width	Haid			0-4-	
RCC PIpe NP3 as per design in Single Row (1000mm pia.) Providing and large reinforced cement concrete pipe NP3 for culverts on first class bedding of granular material in single row including fising collar with cement mortar 1:2 but excluding exavation, protection works, backfilling, concrete and masonry works in head walls and parapets Clause 1106.  3 2 2.50 15.00 0.00 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	and the second	No. Ref.No	Description	No.	No.				Otv.	Unit		Amount
Providing and laying reinforced cement concrete pipe NP3 for culverts on first class bedding of granulur 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.    3 2 2.50	11		RCC Pipe NP3 as per d	lesign in	Single	e Row (1	000m	m Dia			(100.)	(RS.)
with cement mortar 1.2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets Clause 1106.  3 2 2.50 - 15.00  Total 15.00 Mtr. 4452.39 65786  RCC Pipe NP3 as per design in Single Row (600m 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.  3 2 2.50 - 15.00  Total 15.00 Mtr. 1752.33 26285  RCC Pipe NP3 as per design in Single Row (300m 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.  0 0 0.00 - 0.00  10 0 0.00 - 0.00  5.7.52 Supply of new bag with NC Supply of new bag and NC 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 rylon thread with stiching machine & generator, stacking the bags and placing in Nylon crate of size (Im x Im x Im) with a lead of 150m including supply of rylon threads etc. placing the filled crates in dry portion within a lead of 30m, all complete as per approved design, specification and direction of £/l.  0 0 0.00  0.00 0.00  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 rylon thread with stiching machine & generator, stacking the bags and placing with a lead of 150m including supply of rylon threads etc all complete as per approved deviagn, specification and circetion of £/l.  1 1 1 9.40 0.70 1.50 2.037  1 2 30.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0			Providing and laying rein	nforced co	ement	concrete	pipe N	NP3 for	culverts of	n		
106.   3   2   2.50   15.00   15.00   15.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00   16.00			first class bedding of gra	nular ma	terial i	in single	row inc	luding t	fixing coll	ar		
1106.   3   2   2.50   15.00   0.00   0.00   0.00   1500   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00			with cement mortar 1	:2 but e	xcludi	ng excav	ation,	protect	ion work	s,		
RCC Pipe NP3 as per design in Single Row (600mm Dia.)   Total: 15.00 Mtr. 4452.39   66786			1106	masonry	works	in head	walls ar	nd para	pets Claus	se		
CC   Pipe NP3 as per design in Single Row (600m)   Enable   15.00 Mtr.   4452.39   66786		at .	1100.	2	2	3.50				21		
NCC   Pipe NP3 as per design in Single Row (600mm Dia.)								-				
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.  3 2 2.50					Ü	0.00		Total			1452.20	66796
Provising 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.    RCC Pipe NP3 as per design in Single Row (300mm Dia.)	12		RCC Pipe NP3 as per de	esign in	Single	Row (6	00mm	Dia )			4432.39	66/86.
with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets Clause 1106.  RCC Pipe NP3 as per design in Single Row (300mm 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.  0 0 0.00 - 0.00	1		Providing and laying rein	forced ce	ment	concrete	pipe N	P3 for o	culverts o	n		
backfilling, concrete and masonry works in head walls and parapets Clause   1106.			first class bedding of gran	nular mat	terial i	n single r	ow incl	uding f	ixing colla	ir		
1106.   3 2 2.50			with cement mortar 1:	2 but e	xcludin	g excav	ation,	protecti	on work	5,		
RCC Pipe NP3 as per design in Single Row (300mm 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.   0 0 0.00			1106	masonry	works	in head v	walls an	d parap	ets Claus	e		
Total: 15.00 Mtr. 1752.33   26285   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 exevavation, protection works, backfilling, concrete and masonry works in head walls and parapets Clause 1106.   0 0 0.00			1106.	2	-	2.50						
RCC Pipe NP3 as per design in Single Row (300mm Dis.) Providing and playing 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.    0					2	2.50	-	Totali				
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.    0	3		RCC Pipe NP3 as per de	esign in 9	Single	Row (3)	00mm		- 15.00	J Witr.	1/52.33	26285.
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.    O O O O O O O O O O O O O O O O O O		7	Providing and laying rein	forced ce	ment o	concrete	pipe N	P3 for c	ulverts o	n .		
with Cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets Clause 1106.    0			first class bedding of gran	ular mat	erial ir	single r	ow incli	uding fi	xing colla	r		
backfilling, concrete and masonry works in head walls and parapets Clause  1106.  0 0 0.00 - 0.00  Total: 0.00 Mtr. 1752.33 0.  5.7.52 Supply of new bag with NC Supply of new bag and NC 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 rylon thread with stiching machine & generator, stacking the bags and placing in Nylon crate of size (Lm x Lm x Im) with a lead of 150m including supply of nylon threads etc, placing the filled crates in dry portion within a lead of 30m, all complete as per approved design, specification and direction of E/l.  0 0 - 0.00 0 0 0 - 0.00 0.00 No. 1249.46 0.0  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 rylon thread with stiching machine & generator, stacking the bags and placing with a lead of 150m including supply of rylon threads etc all complete as per approved design, specification and direction of E/l.  1 1 2 30.00 0.80 1.50 36.00 1 1 1 19.40 0.70 1.40 19.01 1 1 30.00 0.90 1.70 45.90 1 1 2 30.00 1.80 0.90 97.20 1 2 30.00 1.80 0.90 97.20 1 2 30.00 1.80 0.90 97.20 1 2 30.00 1.80 0.90 97.20 1 2 30.00 1.80 0.90 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30 0.80 17.30			with cement mortar 1:2	2 but ex	cludin	g excava	ation, p	protection	on works			
5.7.52 Supply of new bag with NC Supply of new bag and NC 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 in Nylon crate of size (1m x 1m x 1m) with a lead of 150m including supply of nylon threads etc, placing the filled crates in dry portion within a lead of 30m, all complete as per approved design, specification and direction of E/I.    0			backfilling, concrete and r	masonry v	vorks i	in head v	valls an	d parap	ets Clause	2		
5.7.52 Supply of new bag with NC Supply of new bag with NC Supply of new bag and NC 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 in Nylon crate of size (1m x 1m x 1m) with a lead of 150m including supply of nylon threads etc, placing the filled crates in dry portion within a lead of 30m, all complete as per approved design, specification and direction of E/I.  0 0 0 0.00 0.00 0.00 0.00 No. 1249.46 0.00  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 2 30.00 0.80 1.50 36.00  1 1 1 19.40 0.70 1.40 19.01  1 1 30.00 0.90 1.70 45.90  1 1 1 19.40 0.70 1.40 19.01  1 1 30.00 0.00 1.70 45.90  1 1 2 30.00 1.80 0.90 97.20  1 2 30.00 1.80 0.90 97.20  1 2 30.00 3.60 0.60 129.60  1 2 30.00 3.60 0.60 129.60  1 2 30.00 3.60 0.60 129.60  1 2 30.00 3.60 0.60 129.60  1 2 30.00 3.60 0.60 129.60  1 2 30.00 3.60 0.60 129.60  1 2 30.00 3.60 0.60 129.60  1 2 30.00 3.60 0.60 129.60  1 2 30.00 3.60 0.60 129.60  1 2 30.00 3.60 0.60 129.60  1 2 30.00 3.60 0.60 129.60  1 2 30.00 3.60 0.60 129.60  1 2 30.00 3.60 0.60 129.60  1 2 30.00 3.60 0.60 129.60  1 2 30.00 3.60 0.60 129.60  1 2 30.00 3.60 0.60 129.60  1 2 30.00 3.60 0.60 129.60  1 2 30.00 3.60 0.60 129.60  1 2 30.00 3.60 0.60 129.60  1 2 30.00 3.60 0.60 129.60  1 2 30.00 3.60 0.60 129.60  1 2 30.00 3.60 0.60 129.60  1 2 30.00 3.60 0.60 129.60  1 2 30.00 3.60 0.60 129.60  1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			1106.							7 1		
Total:- 0.00 Mtr. 1752.33   Discrete	- l						-					
5.7.52 Supply of new bag with NC Supply of new bag with NC Supply of new bag and NC 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 in Nylon crate of size (1m x 1m x 1m) with a lead of 150m including supply of nylon threads etc, placing the filled crates in dry portion within a lead of 30m, all complete as per approved design, specification and direction of E/l.  O O O O O O O O O O O O O O O O O O O				0	0	0.00	-	Total			- w	
Supply of new bag and NC 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 in Nylon crate of size (1m x 1m x 1m) with a lead of 150m including supply of nylon threads etc, placing the filled crates in dry portion within a lead of 30m, all complete as per approved design, specification and direction of E/l.  0 0 0 0.00 0.00 No. 1249.46 0.00 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/l.  1	1	5.7.52	Supply of new bag with	NC				rotar:-	0.00	) Mtr.	1752.33	0.0
(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 in Nylon crate of size (1m x 1m x 1m) with a lead of 150m including supply of nylon threads etc, placing the filled crates in dry portion within a lead of 30m, all complete as per approved design, specification and direction of E/I.    O			Supply of new bag and NC	with labo	our for	filling ne	w EC ba	ap with	local sanc			
approved rylon thread with stiching machine & generator, stacking the bags and placing in Nylon crate of size (1m x 1m x 1m) with a lead of 150m including supply of rylon threads etc, placing the filled crates in dry portion within a lead of 30m, all complete as per approved design, specification and direction of E/l.    0 0 0 0 0 0.00 0.00 0.00 0.00 0.00			(volume of filled bag 1.2	cft and	weigh	t 50kg),	stiching	on tw	o line by	,		190
bags and placing in Nylon crate of size (1m x 1m x 1m) with a lead of 150m including supply of nylon threads etc, placing the filled crates in dry portion within a lead of 30m, all complete as per approved design, specification and direction of E/I.  0 0 - 0.00 0 0 0.00 No. 1249.46 0.00 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			approved nylon thread w	ith stichi	ng ma	chine &	genera	tor, sta	cking the			
including supply of nylon threads etc, placing the filled crates in dry portion within a lead of 30m, all complete as per approved design, specification and direction of E/I.    0			bags and placing in Nylon	crate of s	ize (1n	n x 1m x	1m) wit	th a lead	of 150m			
within a lead of 30m, all complete as per approved design, specification and direction of E/I.    0	1		including supply of nylon t	hreads et	c, plac	ing the fi	lled cra	tes in di	ry portion	d l		
and direction of E/I.  0 0 0 0 0 0.00 0.00 0.00 0.00 0.00 0	į		within a lead of 30m, all	complete	as pe	er approv	ed des	ign, spe	cification			
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/l.  1			and direction of E/I.							1 1		
S.7.53   Providing and filling empty cement bags					0	-	-	-				
S.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   30.00   0.80   1.20   23.62     1   1   30.00   0.80   1.50   36.00     1   1   19.40   0.70   1.40   19.01     1   1   19.40   0.70   1.50   20.37     1   2   30.00   1.20   1.00   72.00     1   2   30.00   1.20   1.00   72.00     1   2   30.00   3.60   0.60   129.60     1   2   30.00   3.60   0.60   129.60     1   2   30.00   4.00   0.60   144.00     Total: 717.30   Cum   20.00   20.00				O	0		-	-				
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/l.  1 r 24.60 0.80 1.20 23.62 1 1 30.00 0.80 1.50 36.00 1 r 19.40 0.70 1.40 19.01 1 1 19.40 0.70 1.50 20.37 1 2 30.00 1.20 1.00 72.00 1 1 2 30.00 1.80 0.90 97.20 1 2 30.00 3.60 0.60 129.60 1 2 30.00 3.60 0.60 129.60 1 2 30.00 4.00 0.60 144.00 Total: 717.30 Cum @ 0.034 Cum each bag 21097 No. 38.03 802319.00  NORAGE FEE 10% FOR ROYALTY MATERIAL  .OCAL SAND  118.76 1.20 = 142.51 Cum 141.85 20215.00 39RICK BAT 242.76 1.20 = 291.31 Cum 1,050.00 305878.00 30588 0.00 1.28 = 0.00 Cum 285.35 0.00 ACCAL SAND 717.30 1.20 = 860.76 Cum 141.85 122099.00  TOTAL MATERIAL COST: 448192.00		5.7.53	Providing and filling en	inty cem	ent h	age			0.00	No.	1249.46	0.0
(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							-6.1	-				
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/l.  1	0.		(volume of filled bag 1.2	cft and	voight	ig new i	c bag	with Ic	ocal sand			
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/l.  1			approved hylon thread wi	ith stichir	na ma	chine &	gonora	on two	o line by			
all complete as per approved design, specification and direction of E/l.  1 1' 24.60 0.80 1.20 23.62 1 1' 30.00 0.80 1.50 36.00 1 1' 19.40 0.70 1.40 19.01 1 1 30.00 0.90 1.70 45.90 1 1 19.40 0.70 1.50 20.37 1 2 30.00 1.20 1.00 72.00 1 2 30.00 1.80 0.90 97.20 1 2 30.00 3.60 0.60 129.60 1 2 30.00 3.60 0.60 129.60 1 2 30.00 4.00 0.60 144.00  Total: 717.30 Cum ② 0.034 Cum each bag 21.097 No. 38.03 802319.00  NORAGE FEE 10% FOR ROYALTY MATERIAL  COCAL SAND  118.76 1.20 = 142.51 Cum 141.85 20215.00 3RICK BAT 242.76 1.20 = 291.31 Cum 1,050.00 305878.00 3SB 0.00 1.28 = 0.00 Cum 285.35 0.00 0.00 1.28 = 0.00 Cum 141.85 122099.00			bags and placing with a lea	d of 150r	n incli	idina sun	ply of r	ulon th	cking the			
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R.W.D Dighalbank

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