SPAL WORKS DEPARYMENT OF THE PARYMENT OF THE P



GOVERNMENT OF BIHAR

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

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

Name of Work :- L066 TO MAAL TOLI

Block :-

Dighalbank

Estimated cost :-

Rs 731528.00

Year: 2021-22

Inspection Report for Flood Damage Work

: Kishanganj-2 1.Name of PIUs DIGHALBANK. 2. Name Of Block / Road Loss to Meal Tola. A. For Road 1.Damage Location / Chainage 180.30 m. 2.Damage Length Errson and deep cutting. : Bombor filip, E.C. Bop Hillipa Bx bot : Bombor, E.C. Bops. Brebot ade youd. 3. Nature Of Damage 4. Details Of Restoration i) Material Being Used In Restoration : JCB, Troctor Frolly & etc. ii) Equipment / Tools Being Used In Restoration Works : Manual. iii) Procedure Taken Up In Restoration Works 180.30 M. 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 "L066 TO MAAL TOLI"जो विभागीय Online Monitoring Syatem MIS पर अपलोड है के बाढ 2021 से क्षातिग्रस्त 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 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 छायापित, दर विश्लेषण एवं विभागीय आदेशों की छायाप्रति प्राक्कलन में संलग्न की जा रही है | पाक्कलन में प्रकृत दर अद्धतन है |

प्राक्कलन की यथा शीच अनुमोदन अपेक्षित है ताकि अग्रेतर कार्रवाई की जा सके |

कर्नीय अभियता

ग्रामीण कार्य विभाग

कार्य प्रशाखा- दीघलबैंक

सहायक अभियंता

ग्रामीण कार्य विभाग

कार्य अवर प्रमंडल- दीघलवैंक

कार्यपालक अभियंता

ग्रामीण कार्य विभाग

कार्य प्रमंडल, किशनगंज -2

ABSTRACT OF COST

Name of V	Vork :-	L066 TO MAAL TOLI					
Block :-		Dighalbank					
SI. No.		Amount (In Rs.)					
Α	Cost of Re	storation work :-	Rs 631126.00				
В	Add 12 %	GST	Rs 75735.00				
С	Add 1 % L.	. Cess	Rs 6311.00				
D	Add S.Fee	@ 10 % of Material Cost	Rs 18356.00				
		Total Cost with GST, LC & S.Fee	Rs 731528.00				

R.W.D R.W.D R.W.D Kishanganj. 2

The Anice of Samerican for Rs. 4, 31, 528 (Seven lacs Harry One Housand five handred from eight) any. िश्वीकां अधीक्षण अभियन्ति ५. ०५.२२ प्रामीण कार्य विभाग कार्य अंचल, किशनगंज €-0

Detailed Estimate

CI.	coc	ork :-				Length	Width	Height	200		Rate	Amount
SI.	SDB	MORD	Description	No.	No.	(M)	(M)	(M)	Qty.	Unit	(Rs.)	(Rs.)
10.		Ref.No 5.7.7	Providing bamboo piles i	including	labou	r for cut	ting of 6	2 mm to	75 mm			
1	WRD	5.7.7	dia bamboo piles to size	and maki	ng sho	es and d	riving et	c comple	te job as			
			per specification and dire					•				
			per specification and and	1		3.00	-	-	315.00			
	e ter			1	2001000000	3.00		-	165.00			
-				1	70	3.00	-		210.00			
				1	105	3.00	-	-	315.00			
				1		3.00	-	-	315.00			
				1	105	3.00		-	315.00			
-				1	51	3.00		-	153.00			
-								Total:-	1788.00	Mtr.	52.24	93405.00
			Providing, fitting and fix	ing split l	bambo	o woven	chacha	ri in posit	ion with			
2	WRD	5.7.8	20 swg G.I. wire or 75	mm to 1	00 mn	n long na	ails alter	natively i	ncluding			
			cost of G.I. wire or n	aile ban	nhoo	labour f	or com	nlete iob	as per			
			cost of G.I. wire of it	ialis, Dai	11000	labout	01 00111	piete jes	and and			
			specification and direction	_	-	0.00	0.00) -	0.00			
-				0	-	0.00			0.00			
-						0.00		Total:-	0.00	Sqm	426.14	0.00
			Supplying, fitting and fi	ixing 62	mm t	o 75 mm	n dia ba	amboo ru	inners in			
3	WRD	5.7.9	position at every vertical	d nila wit	h 150	mm lone	nails o	r 38 swg	G.I. wire			
			position at every vertical	ii piie wit		atorial a	nd labor	ir comple	te inh as			
			including cost of G.I. wir			iateriai a	nu labor	ar comple	ite job as	5		
			per specification and dire	ection of		20.00			90.00	r.		
				1	. 3	30.00			46.80			
			b	1		15.60			60.00			
				1		20.00			90.00			
				1			_	-	90.00	_		
					1 3			•	90.00			
				- 1			_	1	44.10	-		
					1 3	14.70		Total:-			27.71	14157.00
					and a	and call	of A					
4	WRD	5.7.46	Supplying and placing	pamboo	TOIL 6	each ron	01 4	anely and	other in	,		
		(b)	bamboo 75 mm dia 6 m	to 8 m l	ong at	site bind	aing pro	perly each	alana it			
			bunch with annealed w	ire 20 to	25 SW	/G at lea	st at thr	ee places	along it	5		
			length, 3 nos loads filled	d with (Br	rick bat	s) in em	pty cem	ent bags a	and trying	3		H
			it with B.A. wire 8 to 10	SWG lau	inching	in river	and place	cing in po	sition and	1		
			trying the bamboo roll	at one er	nd at l	east 15N	l away f	rom the r	iver ban	k		
			to Bamboo post, inclu	ding pili	ng of	bamboo	post 8	royality	etc. an	d		
			carriage of all material	s at site	all cor	nplete jo	b as pe	r specific	ation and	d		
			direction of E/I.									
			direction of cyl.		0 0)	-		0.0			1
					0 0)	-		0.0			
			Manager and a second					Total:-	0.0	No.	1118.26	0.0
-	WRD	5.7.47	,						d Ibanki			
5	VVKU		Supplying, making and	placing	in po	sition I	ree bra	ncnes an	u Jilaliki	.c		
		(a)	covering cover over all	space o	f abou	r of 2.83	2 Cum	providing	3 nos. c)T		
			loads by filling boulder	spall in E	C bags	, trying w	ith 20 t	o 25 SWG	anneale	d		
			wire to the tree spur a	nd ancho	oring th	ne same	with B.A	\.wire 8 t	o 10 SW	G		
			to the bamboo post at l	east 15N	1 away	from the	e river b	ank inclu	ding pilin	g		
			of bamboo post & roy	vality etc	and	carriage	of all r	naterials	at site a	Ш		
			or parinoon post & roy	railigation	n and	lirection	of F/I					
			complete job as per spe	ecincation	i anu (in ection	O1 L/1.			_	İ	
					0	0	-	-	- 0.0			
-						0	_	-	- 0.0			
								Total:	- 0.0	O No.	1562.35	0.0
								i Otal.	0.0			

Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead upto 1000 m as per Technical Specification Clause 303.1.	Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead upto 1000 m as per Technical Specification Clause 303.1.	SI. No.	SDB Sl. No.	MORD Ref.No	Description		No.	Length (M)	(M)	(M)		Unit	Rate (Rs.)	Amount (Rs.)
Spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead upto 1000 m as per Technical Specification Clause 303.1.	Spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead upto 1000 m as per Technical Specification Clause 303.1.							shoulders						
of Table 300.2 with lead upto 1000 m as per Technical Specification Clause 303.1. 0	of Table 300.2 with lead upto 1000 m as per Technical Specification Clause 303.1. 0													
303.1.	303.1				spreading, grading to re	equired slo	pe an	d compac	ted to n	neet requ	irement			
303.1.	303.1				of Table 300.2 with lead	upto 100	0 m as	s per Tech	nical Sp	ecificatio	n Clause			
10.01 300.00 0.00	0 0 0.00													
Total: 0.00 Cum 174.93 0.00 Cum 174.93 0.00	Total: O.00 Cum 174.93 0.00 Cum 174.93 0.00 0.0					0	0	0.00	0.00	0.00	0.00			
Restoration of Raincuts (By Manual Means) Restoration of Raincuts with soil, moorum, gravel or a mixture of these, clearing, the loose soil, benching of 300mm with, laying fresh material in layers not exceeding 250mm and compacting with plate compactor or power rammers to restore the original alignment, level and slopes.	10.01 3002.0 Restoration of Rain Cuts (By Manual Means) Restoration of raincuts with soil, moorum, gravel or a mixture of these, clearing, the loose soil, benching of 300mm witch, laying fresh material in layers not exceeding 250mm and compacting with plate compactor or power rammers to restore the original alignment, level and slopes.							0.00	0.00	0.00	0.00		· ·	
Restoration of raincuts with soil, moorum, gravel or a mixture of these, clearing, the loose soil, benching of 300mm width, laying fresh material in layers not exceeding 250mm and compacting, with plate compactor or power rammers to restore the original alignment, level and slopes. 0	Restoration of raincuts with soil, moorum, gravel or a mixture of these, clearing, the loose soil, benching of 300mm width, laying fresh material in layers not exceeding 250mm and compacting with plate compactor or power rammers to restore the original alignment, level and slopes. 0 0 0.00 0									Total:-	0.00	Cum	174.93	0.00
Restoration of raincuts with soil, moorum, gravel or a mixture of these, clearing, the loose soil, benching of 300mm width, laying fresh material in layers not exceeding 250mm and compacting, with plate compactor or power rammers to restore the original alignment, level and slopes. 0	Restoration of raincuts with soil, moorum, gravel or a mixture of these, clearing, the loose soil, benching of 300mm width, laying fresh material in layers not exceeding 250mm and compacting with plate compactor or power rammers to restore the original alignment, level and slopes. 0 0 0 0.00 0.00 0.00 0.00 0.00 Total: 0.00 Cum 378.68 0.00	7	10.01	3002.0	Restoration of Rain C	uts (By M	lanua	l Means)						
Clearing, the loose soil, benching of 300mm width, laying fresh material in layers not exceeding 250mm and compacting with plate compactor or power rammers to restore the original alignment, level and slopes.	Clearing, the loose soil, benching of 300mm width, laying fresh material in layers not exceeding 250mm and compacting with plate compactor or power rammers to restore the original alignment, level and slopes.													
apers not exceeding 250mm and compacting with plate compactor or power rammers to restore the original alignment, level and slopes. 0 0 0 0.00 0.00 0.00 0.00 0.00 0.00	layers not exceeding 250mm and compacting with plate compactor or power rammers to restore the original alignment, level and slopes. 0													
Power rammers to restore the original alignment, level and slopes.	Power rammers to restore the original alignment, level and slopes.													
	1100 Sand filling or Type B (First class) bedding Total: 0.00 Cum 378.68 0.00													
8 9.2 1100 Sand filling or Type B (First class) bedding (i) & 800 Filling and spreading local sand over brick bats as per drawing and technical specification Clause 305.3 9 RHS	Sand filling or Type B (First class) bedding				power rammers to rest	ore the ori	iginal a	alignment	, level ar	nd slopes				
8 9.2 1100 Sand filling or Type B (First class) bedding	Sand filling or Type B (First class) bedding					0	0	0.00	0.00	0.00	0.00			
Section Total: 0.00 Cum 378.68 0.00 0	Total:- 0.00 Cum 378.68 0.00 0.0										0.00			
(i) 8.800 Fillling and spreading local sand over brick bats as per drawing and technical specification Clause 305.3.9 RHS 1 1 1 9.40 0.80 0.15 1.13 LHS 1 1 1 20.40 1.30 0.15 3.98 LHS 1 1 1 9.40 0.80 0.15 1.13 1 1 20.00 1.20 0.15 3.60 1 1 30.00 0.40 0.15 1.80 1 1 30.00 1.10 0.15 4.95 1 1 30.00 1.20 0.15 5.40 1 1 1 4.70 2.10 0.15 4.63 Total: 30.06 Cum 514.43 15464.00 9 WRD 5.7.40 Brick bats Providing laying and spreading brick bats in Road ditches all complete as per approved design, specifications and direction of E/I RHS 1 1 9.40 0.80 0.50 3.76 LHS 1 1 9.40 0.80 0.50 3.76 LHS 1 1 9.40 0.80 0.40 3.01 1 1 3 0.00 0.40 0.60 13.78 The second of the second	(i)						1				0.00	Cum	378.68	0.00
(i)	(i)	Ω	0.2	1100	Sand filling or Tyne F	R (First cl	ass) b	edding						
RHS	RHS	O			Fillling and spreading	local san	d ove	r brick h	ats as	per draw	ing and	-		
RHS	RHS		(1)								<u> </u>			
LHS	LHS							16 10	1.40	0.15	3 11	1		
LHS	LHS				KHS									
1	1 1 20.00 1.20 0.15 1.13 1 1 20.00 1.20 0.15 3.60 1 1 30.00 0.40 0.15 1.80 1 1 30.00 1.20 0.15 4.95 1 1 30.00 1.20 0.15 5.40 1 1 1 30.00 1.20 0.15 5.40 1 1 1 30.00 1.20 0.15 5.40 1 1 1 4.70 2.10 0.15 4.63 Total: 30.06 Cum 514.43 15464.00 9 WRD 5.7.40 Brick bats Providing laying and spreading brick bats in Road ditches all complete as per approved design, specifications and direction of E/I RHS 1 1 16.40 1.40 0.60 13.78 1 1 9.40 0.80 0.50 3.76 LHS 1 1 20.40 1.30 0.50 13.26 1 1 9.40 0.80 0.40 3.01 1 1 20.00 1.20 0.60 14.40 1 1 30.00 1.20 0.60 14.40 1 1 1 30.00 1.20 0.60 14.40 1 1 1 30.00 1.20 0.60 18.52 Total: 108.73 Cum 2168.72 235805.01 6 4.1 401 Granular Sub-base with Well Graded Material (i) By mix in place method) For Grading II Material Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401. 0 0 0.00 0.00 0.00 0.00 0 0.00 0.00				1110		-			-				
1	1				LHS		+							
1	1													
1 1 30.00 1.10 0.15 4.95 1 1 30.00 1.20 0.15 5.40 1 1 14.70 2.10 0.15 5.40 1 1 14.70 2.10 0.15 3.60 1 1 14.70 2.10 0.15 3.60 1 1 14.70 2.10 0.15 3.60 1 1 14.70 2.10 0.15 3.60 2 MRD 5.7.40 3 Providing laying and spreading brick bats in Road ditches all complete as per approved design, specifications and direction of E/I RHS	1											-		
1	1 1 30.00 1.20 0.15 5.40 1 1 14.70 2.10 0.15 4.63 Total: 30.06 Cum 514.43 15464.00 9 WRD 5.7.40 Brick bats Providing laying and spreading brick bats in Road ditches all complete as per approved design, specifications and direction of £/I. RHS 1 1 16.40 1.40 0.60 13.78 1 1 9.40 0.80 0.50 3.76 LHS 1 1 20.40 1.30 0.50 13.26 1 1 9.40 0.80 0.40 3.01 1 1 20.00 1.20 0.60 14.40 1 1 30.00 0.40 0.60 7.20 1 1 30.00 1.10 0.40 13.20 1 1 1 30.00 1.20 0.60 21.60 1 1 1 14.70 2.10 0.60 18.52 Total: 108.73 Cum 2168.72 235805.0 4.1 401 Granular Sub-base with Well Graded Material Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401. 0 0 0.00 0.00 0.00 0.00 RCC Pipe NP3 as per design in Single Row (1000mm 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.											7	-	
9 WRD 5.7.40 Brick bats Providing laying and spreading brick bats in Road ditches all complete as per approved design, specifications and direction of E/I RHS 1 1 16.40 1.40 0.60 13.78 LHS 1 1 9.40 0.80 0.50 3.76 LHS 1 1 9.40 0.80 0.50 3.76 LHS 1 1 30.00 1.20 0.60 14.40 1 1 30.00 1.20 0.60 14.40 1 1 30.00 1.10 0.40 13.20 1 1 1 4.70 2.10 0.60 21.60 1 1 1 4.70 2.10 0.60 21.60 1 1 1 4.70 2.10 0.60 18.52 Total:- 108.73 Cum 2168.72 235805.0 4.1 401 Granular Sub-base with Well Graded Material Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401. 0 0 0.00 0.00 0.00 0.00 Total:- 0.00 Cum 2977.54 0.0 RCC Pipe NP3 as per design in Single Row (1000mm 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 - 0.00	9 WRD 5.7.40 Brick bats Providing laying and spreading brick bats in Road ditches all complete as per approved design, specifications and direction of E/I RHS 1 1 16.40 1.40 0.60 13.78 1 1 9.40 0.80 0.50 3.76 LHS 1 1 20.40 1.30 0.50 13.26 1 1 9.40 0.80 0.40 3.01 1 1 20.00 1.20 0.60 14.40 1 1 30.00 1.20 0.60 21.60 1 1 1 30.00 1.20 0.60 21.60 1 1 1 4.70 2.10 0.60 18.52 Total:- 108.73 Cum 2168.72 235805.0 4.1 401 Granular Sub-base with Well Graded Material Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401. 0 0 0.00 0.00 0.00 0.00 10 Cum 2977.54 0.0 RCC Pipe NP3 as per design in Single Row (1000mm 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 - 0.00													
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Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401. 0 0 0.00 0.00 0.00 0.00 0.00 Total:- 0.00 Cum 2977.54 0.0 RCC Pipe NP3 as per design in Single Row (1000mm 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 - 0.00	Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401. 0 0 0.00 0.00 0.00 0.00 0.00 Total:- 0.00 Cum 2977.54 0.0 RCC Pipe NP3 as per design in Single Row (1000mm 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				(By mix in place met	hod) For	Grad	ing II Ma	terial					
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and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401. 0 0 0.00 0.00 0.00 0.00 0.00 0 0 0.00 0.00 0.00 0.00 Total:- 0.00 Cum 2977.54 0.0 RCC Pipe NP3 as per design in Single Row (1000mm 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	and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401. 0 0 0.00 0.00 0.00 0.00 0.00 0 0 0.00 0.00 0.00 0.00 Total:- 0.00 Cum 2977.54 0.0 RCC Pipe NP3 as per design in Single Row (1000mm 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				spreading in uniform la	ayers with	tracto	or mount	ed grade	er arrange	ement on	1		
and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401. 0 0 0.00 0.00 0.00 0.00 0.00 0 0 0.00 0.00 0.00 0.00 Total:- 0.00 Cum 2977.54 0.0 RCC Pipe NP3 as per design in Single Row (1000mm 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	and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401. 0 0 0.00 0.00 0.00 0.00 0.00 0 0 0.00 0.00 0.00 0.00 Total:- 0.00 Cum 2977.54 0.0 RCC Pipe NP3 as per design in Single Row (1000mm 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				prepared surface, mixi	ng by mix	in pla	ice metho	d with r	otavator	at OMC	,		
complete as per Technical Specification Clause 401. 0 0 0.00 0.00 0.00 0.00 Total:- 0.00 Cum 2977.54 0.0 RCC Pipe NP3 as per design in Single Row (1000mm 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	complete as per Technical Specification Clause 401. 0 0 0.00 0.00 0.00 0.00 Total:- 0.00 Cum 2977.54 0.0 RCC Pipe NP3 as per design in Single Row (1000mm 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				and compacting with s	mooth wh	neel r	oller to ac	hieve th	e desire	d density,	,		
0 0 0.00 0.00 0.00 0.00 Total:- 0.00 Cum 2977.54 0.0 RCC Pipe NP3 as per design in Single Row (1000mm 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	0 0 0.00 0.00 0.00 0.00 0.00 Total:- 0.00 Cum 2977.54 0.0 RCC Pipe NP3 as per design in Single Row (1000mm 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													
Total:- 0.00 Cum 2977.54 0.0 RCC Pipe NP3 as per design in Single Row (1000mm 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	Total:- 0.00 Cum 2977.54 0.0 RCC Pipe NP3 as per design in Single Row (1000mm 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				complete do por				0.00	0.00	0.00)		
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	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						0 0	0.00	0.00	0.00	0.00)		
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.	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.									Total:-	0.00	Cum	2977.54	0.0
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.	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.	11			RCC Pine NP3 as ner	design in	n Sing	le Row (1000m	m Dia.)				
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.	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	11			Providing and laving re	einforced	cemer	nt concret	e pipe N	IP3 for cu	lverts or	1		
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	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				first class hadding of a	ranular m	ateria	l in single	row inc	luding fix	ing colla	г		
backfilling, concrete and masonry works in head walls and parapets Clause 1106.	backfilling, concrete and masonry works in head walls and parapets Clause 1106. 0 0 0.00 0.00			100	mist class beduing of g	1.7 h	oveling	ling aven	vation	protection	n works			
1106.	1106.				with cement mortar	1:2 DUT	exclud	ing exce	walle o	nd parane	ate Clause	,		
0 0 0.00 0.00	0 0 0.00 0.00					nd masonr	y wor	ks in nead	walls al	iu parape	. co Cidust			
					1106.			0.00			0.00	1		
	0 0 0.00 0.00									-				

SI.	SDB Sl. No.	MORD Ref.No	Description I	No. No	Length (M)		dth H VI)	(M)		Unit	Rate (Rs.)	(Rs.)
	S.I. 110.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						Total:-	0.00	Mtr.	4452.39	0.00
12			RCC Pipe NP3 as per design	in Sing	gle Row	(6001	nm Di	ia.)				
			Providing and laying reinforce	d ceme	nt concre	te pip	e NP3	for culv	erts on			
			first class bedding of granular									
			with cement mortar 1:2 bu	ıt exclu	ding exc	avatio	n, pro	otection	works,		1	
			backfilling, concrete and mass	nrv wor	ks in hea	d wall	s and	parapets	Clause			
			1106.	and a second								
	-		1100.	0	0.0	00	-	-	0.00			
		-		0	0.0	00	-		0.00			
								Total:-	0.00	Mtr.	1752.33	0.00
13			RCC Pipe NP3 as per design	n in Sin	gle Row	(300	mm D	ia.)				
13			Providing and laying reinforce	ed ceme	nt concre	ete pip	oe NP3	for culv	erts on			
			first class bedding of granular	materi	al in singl	e row	includ	ling fixin	g collar			
			with cement mortar 1:2 b	ut exclu	iding exc	avatio	on, pr	otection	works,			
			backfilling, concrete and mas	onry wo	rks in hea	d wal	ls and	parapets	Clause			
				omy wo	i ko ili ilee							
			1106.	0	0 0.0	00	-	=1	0.00			
	ļ			0		00	-	-	0.00			
								Total:-	0.00	Mtr.	1752.33	0.00
		F 7 F 2	Supply of new bag with NO									
14	14	5.7.52	Supply of new bag and NC	, with lab	our for f	illing i	new E	C bag wi	th local			
			sand (volume of filled bag 1.2	oft and	weight 5	Okg)	stichin	g on two	line by			
			approved nylon thread with	etichio	machin	n 2. a	onerat	or stack	cing the			
			approved nylon thread with	Stiching	2 /1 m v 1	m v 1	m) wit	h a lead (of 150m			
			bags and placing in Nylon cra	te of siz	e (1m x 1	III X 11	m) with	d cratos	in dry			
			including supply of nylon t	hreads	etc, plac	ing tr	ie iiiie	u trates	docian			
			portion within a lead of 3		complet	e as	per a	pproved	design,			
			specification and direction of	E/I.			_		0.00			
				0	0	-	-	-	0.00	-		
				0	0	-	-	-		No.	1249.46	0.00
									0.00	NO.	1245.40	
15		5.7.53	Providing and filling emp									
			Supply of new bag with la	bour for	filling n	iew E	C bag	with lo	cal sand			
			Juntume of filled has 1.2 ct	ft and w	veight 50	kg), s	tiching	on two	line by			
			approved nylon thread with	stichin	g machin	e & p	genera	tor, stac	king the			
			bags and placing with a lead	of 150n	n includin	e supi	olv of	nylon thr	eads etc			
			all complete as per approved	docion	specifica	tion a	nd dire	ection of	E/I.			
			all complete as per approved	i uesigii,								
				1		.40	0.80	0.80	10.50			
				1		.40	0.80	0.80	6.02			
				1		.40	0.80	0.80	13.06			
				1		.40	0.80	0.90	6.77			
-				1		.00	1.20	1.30	31.20	-		
				1		.00	1.40	1.20	50.40			
				1	1 30	0.00	1.40	1.20	50.40			
-				1	1 30	0.00	1.40		50.40	-		
-				1	1 14	.70	1.40		24.70			
-					F, 139 Sec			Total:-	243.45		The second secon	272205 00
		-			@	0.034	Cum e	each bag	7160	No.		272295.00
											TOTAL	631126.00

NORAGE FEE 10% FOR ROYALTY	30.06	1.20	=	36.07	Cum	141.85	5117.00
LOCAL SAND	108.73	1.20	=	130.48	Cum	1,050.00	137000.00
BRICK BAT	0.00	1.28	=	0.00	Cum	285.35	0.00
GSB	243.45	1.20	=	292.14	Cum	141.85	41440.00
LOCAL SAND	243.43		TO	TAL MAT	ERIAL C	COST:-	183557.00
				IGNORAG		10%	18356.0





