WORKS DEPARTMENT OF BIHAP



NAME OF WORKS :-

Chargaria Rangdaha via Madhopara

BLOCK :-

Araria

FDR

Rs. 2748103.13

YEAR(2021-22)

R.W.D., WORKS CIRCLE, Kishanganj

R.W.D., WORKS DIVISION, Araria

ग्रामीण कार्य विभाग बिहार, सरकार

पत्रांक - मु०अ०-4 (मु०) विविध कार्य-23-60/2020 - 1937

पटना, दिनांक ० 7 /07/2021

प्रेषक.

पंकज कुमार पाल (गा०प्र०२१०) सचिव

सेवा में,

सभी कार्यपालक अभियंता ग्रामीण कार्य विभाग,

विषय- बाढ़ अतिवृष्टि से क्षतिग्रस्त पथों / पुलियों को यातयात लायक (Motorable) करने के संबंध में।

महाशय,

उपर्युक्त विषय के संबंध में निदेश दिया जाता है कि प्रमंडल अन्तर्गत सभी अभियंता बाढ़/अतिवृष्टि से क्षतिग्रस्त पथों का शत प्रतिशत निरीक्षण करेंगे। पथों/पुलियों के क्षतिग्रस्त भाग से पानी उतरते ही उसे यातायात लायक बनाने की कारवाई एवं Motorable किये जाने से पहले तथा Motorable कार्य के बाद का Real time, Geo tagged photographs को MIS पर तत्क्षण अपलोड किया जाना सुनिश्चित करेंगे। इन कार्यों को कराने हेतु कार्यपालक अभियंता पूर्ण रूप से जिम्मेवार होंगे। कार्य न कराने की स्थिति में उनके विरुद्ध अनुशासनिक कार्रवाई की बाध्यता होगी।

(पंकर्ज कुमार पाल)

विश्वासभाजन

ज्ञापांक— मु0अ0—4 (मु0) विविध कार्य—23—60/2020 - 1937 पटना, दिनांक 67/7/2021 प्रतिलिपि:—सभी अधीक्षण अभियंता को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित। साथ ही उन्हें निदेश दिया जाता है कि वे लगातार अनुश्रवण एवं निरीक्षण करते हुए क्षतिग्रस्त भाग को अतिशीघ यातायात लायक बनवाने की कारवाई सुनिश्चित करेंगे।

ज्ञापांक-मु0अ0-4 (मु0) विविध कार्य-23-60/2020 1937 पटना, दिनांक 7/7/2021 प्रतिलिपि:-सभी मुख्य अभियंता, ग्रामीण कार्य विभाग को सूचनार्थ एवं लगातार अनुश्रवण

करने हेतु प्रेषित।

सचिव

Inspection Report for Flood Damage Work

1.Name of PIUs	: EE RHO (H) DENSION graves : grava/changlase Rangelle via
2. Name Of Block / Road	: grava/changlese Rang dele via
A. For Road	
1 Damage Location / Chainage	: 1500, 1900, 2100 2800, 3200
2.Damage Length	: 145.80 7
3.Nature Of Damage	: Crush & plany wash out
4.Details Of Restoration	: Local sand, Bamboo, Brick Bats, 40
ii) Equipment / Tools Being Used In Restoration World	ks ; polling all dearning portion gover a plane well above ma small
iii) Procedure Taken Up In Restoration Works	:
iv) Restored Length	: 185-80 4
B. For Bridge	
1. Damage Location / Chainage	:)
2 Damage Length	:
3 Nature Of Damage	
4. Details Of Restoration	:) ~/A
i) Material Being Used In Restoration	
ii) Equipment / Tools Being Used in Restoration Works	
iii) Procedure Taken Up In Restoration Works	::
iv) Restored Length	
	work found satisfactory
1/20 m	Signature
Signature of JE / AE / EE	Executive Engineer KNama Of Divspentor) Kishanganj-2

	Characte B. 11 1 1 1	
NAME OF ROAD :-	Chargaria Rangdaha via Madhopara	
DISTRICT :-	Araria	
BLOCK :-	Araria	
ength of Road:-	5.0km	
ength of Cutting:-	145.80Mtr	
SI. No.	DESCRIPTION	AMOUNT (LAKHS)
	Phase-1 & 2	
1	Filling of local sand	438043.79
2	Labour for cutting 62mm to 75mm dia bamboo	89504.24
3	Labour for fitting 62mm to 75mm dia bamboo	13919.28
4	Labour for filling empty cement bags with local sand Nylon crate	0.00
5	Supplying of EC bag, of local sand	692526.30
6	Supply and Carriage of brick bats	1055349.76
7	Supply,laying and carriage of 1000 mm HPC	33188.03
8	Granular Sub-base	45141.54
	SUB TOTAL COST =	2367672.93
	ADD GST @12% =	284120.75
	Add Labour cess @ 1%=	23676.73
	Seigniorage Fees @10%=	72632.72
	TOTAL (RS.) =	2748103

Grandri Franchi

A.E MM

June 19 mm

Technically Sanctioned For R 27, 48, 103200

(Rupees Twenty Seven lack Forty

Eight thousand one hundred three only

29/4/22 46, circle BL 29422

अधीक्षण अभियन्ता ग्रामीण कार्य विभाग कार्य अंचल, किशनगंज

Bill of Quantity Phase-1 & 2 NAME OF ROAD :-Chargaria Rangdaha via Madhopara Araria DISTRICT :-Araria BLOCK SI. **DESCRIPTION OF ITEMS** QUANTITY unit RATE (Rs.) No. AMOUNT (Rs.) Filling of local sand obtained from river bed, watering & ramming, all 851.51 cum 514.43 complete job as per specification & 438043.79 direction of Engineer-in-incharge Labour for cutting 62 mm to 75mm dia bamboo piles to size and making shoes & driving by jet machine etc. all 1615.60 m 55.40 89504.24 complete job as per specfication & direction of Engineer- in -charge. Labour for fitting & fixing 62 mm to 75 mm dia bamboo runners in position at every vertical pile with 150 mm long nails or 38 swg G.I wire including cost 450.90 m 30.87 13919.28 of G.I wire or nails etc all complete job as per specification & direction of Engineer-in-charge. Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge. 18210.00 no 38.03 692526.30 Supply and Carriage of brick bats upto 8 km breach and placing in 486.62 cum 2168.72 1055349.76 breaches and lying of bats, all complete job. 6 Supplaying and carriage of hume 7.50 m 4425.07 33188.03 pipe 1000 mm dia, all complete job. Granular Sub-base with Well Graded 17.60 cum 2,564.86 45141.54 Material (Table 400.1) A) SUB TOTAL = 2367672.93 TOTAL COST = 2367673

In of

AR 28/MM

A/

ESTIMATE FOR REPAIRING / RESTORATION/ MAKING MOTORABLE ROADS DAMAGED DURING FLOOD

					Phaes-1				
NAN	NAME OF ROAD :-	Chargaria Rangdaha vi	ia Rang	daha via M.	a Madhopara				
DIS	DISTRICT :-	Araria							
BLO	BLOCK :-	Araria							
Len	Length of Cutting:-	145.80	Km						
SI.	DESCRIPTION OF ITEMS	Unit	Nos.	L(m)	B(m)	D(m)	QUANTITY	RATE (Rs.)	AMOUNT (Rs.)
-	Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-incharge	ed from r	iver bed	I, watering	& ramming, all co	mplete job as per speci	fication & directi	on of Engineer-	in-incharge
	At ch:-1500 m	cnm	1	9.00	(2+3.5)/2	(1.5+2.5+1.85)/3	48.26		
	At ch:-1500 m	cnm	1	25.30	(2+3.5)/2	(1.5+2.5+0.85)/3	112.48		
	At ch:-1500 m	cum	1	14.00	(2+3.5)/2	(0.75+2.65+0.85)/3	54.54		
	At ch:-1900 m	cnm	1	13.50	(2+3.5)/2	(0.75+2.65+0.85)/3	52.59		
	At ch:-2100 m	cnm	1	25.00	(2+3.5)/2	(2.5+1.25+0.85)/3	105.42		
	At ch:-2800 m	cnm	1	25.00	(5.5+7.5)/2	(2.25+1.15+0.85)/3	230.21		
	At ch:-3200 m	cnm	-	18.00	4.00	1.25	90.00		
		cum			total qty :-		693.50	514.43	356758.49
2	Labour for cutting 62 mm to 75mm dia bamboo piles to size and making shoes & driving by jet machine etc. all complete job as per specfication & direction of Engineer- in -charge.	75mm charge.	Jia baml	ooo piles to	size and making	shoes & driving by jet n	nachine etc. all c	omplete job as	per specfication
	At ch:-1500 m		-	30.00	3.00		90.00		
	At ch:-1500 m		-	101.20	3.00		303.60		

AMOUNT (Rs.)						89,504.24	e including cost of								13919.28						
RATE (Rs.)						55.40	r 38 swg G.I wire								30.87						
QUANTITY	196.00	135.00	300.00	375.00	216.00	1615.60	0 mm long nails o	36.00	75.90	26.00	54.00	75.00	100.00	54.00	450.90	charge.	45.00	73.37	66.27	38.17	91.41
D(m)							very vertical pile with 15					-				cing in position as the direction of Engineer-in-charge	(1.85+2.95+2.7)/3	(1.5+2.25+2.25)/3	(2.5+2.85+1.75)/3	(1.65+2.25+1.95)/3	(2.75+2.5+1.5)/3
B(m)	3.50	3.00	3.00	3.00	3.00	toal qty:-	ners in position at er direction of Enginee	9.00	25.30	14.00	13.50	25.00	25.00	18.00	total qty :-	ng in position as the	(2.5+1.5)/2	(2+0.9)/2	(2.5+1.5)/2	(2+0.9)/2	(2+1.25)/2
L(m)	26.00	45.00	100.00	125.00	72.00		bamboo run cification &	4.00	3.00	4.00	4.00	3.00	4.00	3.00		ng and placi	9.00	25.30	14.00	13.50	25.00
Nos.	1	1	1	1	1		nm dia per spe	-	-	-	1	1	-	-		d stitchir	-	-	-	-	-
Unit						Mtr.	nm to 75 r								Mtr.	local san	cum	cum	cum	cnm	cnm
DESCRIPTION OF ITEMS	At ch:-1500 m	At ch:-1900 m	At ch:-2100 m	At ch:-2800 m	At ch:-3200 m		Labour for fitting & fixing 62 mm to 75 mm dia bamboo runners in position at every vertical pile with 150 mm long nails or 38 swg G.I wire including cost of G.I wire or nails etc all complete job as per specification & direction of Engineer-in-charge.	At ch:-1500 m	At ch:-1500 m	At ch:-1500 m	At ch:-1900 m	At ch:-2100 m	At ch:-2800 m	At ch:-3200 m		Supplying of EC bag, filling of local sand stitching and pla	At ch:-1500 m	At ch:-1500 m	At ch:-1500 m	At ch:-1900 m	At ch:-2100 m
SI.							n 20									4					

AMOLINT (Re.)	(ica)			542878.250									906299.96				33188.03
RATE (Rs.) AN				38.03									2,168.72				4,425.07
QUANTITY	71.90	99.23	14275.00	14275.00	te job.	24.75	71.89	41.71	36.51	65.31	138.13	39.60	417.90		7.50	00.0	7.50
D(m)	(1.95+2.25+1.75)/3	(2.65+2.25+2.45)/3	0.034		placing in breaches and lying of bats, all complete job.	(0.65+1.5+0.85)/3	(0.75+1.5+0.85)/3	(0.75+1.65+0.85)/3	(0.75+1.35+0.85)/3	(0.75+1.25+0.85)/3	0.85	0.55					
B(m)	(2+0.9)/2	(2+2.5)/2	1	Say No of Bage :-	acing in breaches ar	(2+3.5)/2	(2+3.5)/2	(2+3.5)/2	(2+3.5)/2	(2+3.5)/2	(5.5+7.5)/2	4.00	total qty :-	complete job.	2.5	2.5	total qty :-
L(m)	25.00	18.00	485.34			9.00	25.30	14.00	13.50	25.00	25.00	18.00		n dia , all co	67	-	
Nos.	-	-			8 km bre	-	-	-	-	-	-	-		1000 mm	-	0	
Unit	cnm	cnm		Each	ats upto	cum	cnm	cnm	cnm	cnm	cnm	cnm	cum	me pipe	RM	RM	RM
DESCRIPTION OF ITEMS	At ch:-2800 m	At ch:-3200 m	Total No of E C Bags(3.4cum=100Bags) =		Supply and Carriage of brick bats upto 8 km breach and	At ch:-1500 m	At ch:-1500 m	At ch:-1500 m	At ch:-1900 m	At ch:-2100 m	At ch:-2800 m	At ch:-3200 m		Supplaying and carriage of hume pipe 1000 mm dia, all	At ch-2100m		
No.					2									9			

Construction of granular Sub-base with Well Graded Material (Table 400.1) Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density per Technical Specification Clause 401. At ch2100 m cum 1 1.00 5.50 0.2 5.50 At ch2100 m cum 1 1.00 5.50 0.2 12.10 At ch2100 m Torial Engineer Assitt Engineer Executive Engineer	SI.	DESCRIPTION OF ITEMS	Unit	Nos.	L(m)	B(m)	D(m)	OUANTITY	DATE	
		Granular Sub-base with W	ell Grade	d Materi	al (Table 40)	0.1)			MAIE (KS.)	AMOUNT (Rs.)
cum 1 5.00 5.50 0.2 5.50 cum 1 11.00 5.50 0.2 12.10 cum 17.60 2,564.86 A) SUB TOTAL = A) SUB TOTAL = TOTAL COST = TOTAL COST =	~	Construction of granular s mixing by mix in place mel per Technical Specification	thod with	by provi rotavata 401.	ding well gr	aded material, spr and compacting w	eading in uniform la rith smooth wheel r	yers with motor g	rader on prepara	ed surface, ity, complete as
cum 1 11.00 5.50 0.2 12.10 2,564.86 cum A) Sub TOTAL = TOTAL COST = TOTAL		At ch:-2100 m	cnm	-	5.00	5.50	0.2	5.50		
Cum		At ch:-2100 m	cnm	-	11.00	5.50	0.2	12.10		
Asstt. Engineer A) Sub Total Cost = Total C			uno					17.60	2,564.86	45141.54
A) SUB TOTAL = TOTAL COST = TOT										
Asstt. Engineer Asstt. Engineer								A) SUB	TOTAL =	1987689.78
Asstt. Engineer								TOTAL	cost =	1987689.78
Asstt. Engineer					4	Thurs and			C) Limin	My.
The state of the s		Junior Engineer		A	sstt. Engine	er i i			Executive Engine	er
		whiles								

Kishanganj

ESTIMATE FOR REPAIRING / RESTORATION/ MAKING MOTORABLE ROADS DAMAGED DURING FLOOD

Phaes-2

TRICT :- OCK :- oth of Cutting:- DESCRIPTION OF ITEMS	Araria Araria 54.50			adhopara				
th of Cutting:-	54.50							
DESCRIPTION OF ITEMS	T	Mtr						
DESCRIPTION OF ITEMS					1			
	Unit	Nos.	L(m)	B(m)	D(m)	QUANTITY	RATE (Rs.)	AMOUNT (Rs.
Filling of local sand obtain	ned from	river be	d, watering	& ramming, all o	complete job as per specif	ication & direc	tion of Engineer	in-incharge
At ch -1900 m	cum	1	13.50	(2+3.5)/2	(0.75+2.65+0.85V2	62.50		
At ch:-2100 m	cum	1	25.00	(2+3.5)/2	(2.5+1.25+0.85)/3			
THE RESERVE AND ADDRESS.	cum	Section 1		total gty :-		150.01	544.40	-
Supplying of EC bag, filling of	of local sa	and stitch	ning and pla	cing in position as	the direction of Engineer-in	-charge	514,43	81285.30
tst km	cum	1	13.50	1.25	2.65	44.72		
	cum	1	25.00	1.25				
Total No of E C Bags(3.4cum=100Bags) =			133.78	,	0.034	3935.00		
CONTRACTOR DESCRIPTION								
	Each			Say No of Bag		3935.00	38.03	149648.050
		8 km br	reach and p		e :- s and lying of bats, all comp (0.75+0.65+0.45)/3		38.03	149648.050
Supply and Carriage of brick	bats upto			placing in breaches	and lying of bats, all comp	lete job.	38.03	149648.050
Supply and Carriage of brick At ch:-1900 m	bats upto	1	13.50	lacing in breaches	and lying of bats, all comp (0.75+0.65+0.45)/3	lete job. 22.89	2,168.72	
Supply and Carriage of brick At ch:-1900 m	cum cum	1	13.50	(2+3.5)/2 (2+3.5)/2	and lying of bats, all comp (0.75+0.65+0.45)/3	22.89 45.83 68.73		149648.050 149049.80 379983.15
-	At ch -2100 m Supplying of EC bag, filling of st km	At ch -2100 m cum cum Supplying of EC bag, filling of local sa at km cum cum cum	At ch-2100 m cum 1 cum Supplying of EC bag, filling of local sand stitch st km cum 1 cum 1 Total No of EC	At ch -2100 m cum 1 25.00 cum Supplying of EC bag, filling of local sand stitching and pla (st km cum 1 13.50 cum 1 25.00 cum 1 25.00	At ch -2100 m	At ch-2100 m	At ch2100 m	At ch -2100 m

CON M

S.E Kishanganj

	Cal	culation of Se	igniorage F	ees	
NAM	E OF ROAD :-	Chargaria Rangdah	a via Madhopara		
DIST	RICT :	Araria			
BLOC	CK:-	Araria			
SI. No.	DESCRIPTION OF ITEMS	QUANTITY	Unit	RATE (Rs.)	AMOUNT (Rs.)
1	Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-incharge	851.51	Cum	141.85	120787.11
	Labour for fiting empty cement bags with loocal sand, stitching the bags and placing in Nylon crate of size (1 m X 1 m X 1 m) with lead of 150 M including supply of sutli etc. at site in dry portion all complete as per approved design, specification and direction of E/I	0.00	Cum	141.85	0.00
15	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.	619.14	Cum	141.85	87825.01
u	Supply and Carriage of brick bats pto 8 km breach and placing in reaches and lying of bats, all omplete job.	486.62	Cum	1050.00	510954.50
- 6	Granular Sub-base with Well Graded laterial (Table 400.1)	17.60	Cum	384.12	6760.59
		A	SUB TOTAL	=	726327.21
	Seigniorage Fe	ees @10% of Bas	ic Amount =		72633

Jan 144

A.E ZAMEN

					Na	Name of Road	pad	Name of Road Chargaria Rangda	Chargaria Rangdaha via Madhopara	aha via N	Nadhopa	Ta Ta		
	DISTRICT :-	Araria			BIG	Block	.3.	Araria						
					Carriage By Tractor	3y Tracto								
1000000	Description of Items	Source	Unit	Caopacity	Haulage Lead	Lead	Total	Capacity	Haulage	Lead	Total	Loading + Unicading	Rail	Cost
	Hume Pipe 1000 mm Dia	Pumia	Σ	8/22.5	6.83	115	628.36	8/22.5	16.54	0.00	0.00	70.46		698.82
	Hume Pipe 600 mm Dia	Purnia	M	8/52.50	6.83	115	119.69	8/52.50	16.54	0.00	0.00	30.20		149.89
	Bamboo	Local	% Nos	3.60/1.35	17.03	2	227.07	3.60/1.35	26.60	5.00	354.67	2224.00		2805.73
	E.C Bag	Local	cnm	3.60/2.25	17.03	2	54.50	3.60/2.25	26.60	-	42.56	97.82		194.88
	Stone Metal gr-II	Mirzachowki	cum	8/4.99	6.83	120	1313.99	8/4.99	16.54	0.00	00.00	180.88		1494.87
	Stone Metal gr-II	Mirzachowki	cnm	8/4.99	6.83	120	1313.99	8/4.99	16.54	0	0.00	180.88		1494.87
	Brick Bats	Local	800 Nos	3.60/2.25	17.03	7	190.74	3.60/2.25	26.60	-	42.56	180.88		414.18
	Local Sand	Local	cnm	3.60/2.25	17.03	2	54.50	3.60/2.25	26.60	-	42.56	97.82		194.88
		RWE	RWD (W) DIVISION	S.A.		Assi RWD	Assistant Enginee Pry RWD (W) DIVISION Araria	N N N N N N N N N N N N N N N N N N N			Exe RW	Executive Engineer RWD (W) DIVISION Araria		