### अधीक्षण अभियंता का कार्यालय, ग्रामीण कार्य विभाग, कार्य अंचल, मधेपुरा। पत्रांक...62.3...../अर्द्र-

प्रेषक,

ई0 खलीकुज्जमा, अधीक्षण अभियंता,

सेवा में,

नोडल पदाधिकारी, **F.D.R**, कोषांग, ग्रामीण कार्य विभाग, बिहार, पटना।

विषय:

मधेपुरा, दिनांक 21.05.22, ग्रामीण कार्य विभाग, कार्य प्रमंडल, मधेपुरा के अन्तर्गत शीर्ष FDR (वित्तीय वर्ष 2021-22) योजना का बाढ़ से क्षतिग्रस्त पथांशों का अस्थाई पुनर्स्थापन कार्य का प्राक्कलन के प्रशासनिक अनुमोदन प्रदान करने के संबंध में।

प्रसंग :

कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, मधेपुरा का पत्रांक !72/... अनु0, दिनांक \_191\_5122\_\_\_ एवं अभियंता प्रमुख, ग्रामीण कार्य विभाग, बिहार, पटना का पत्रांक मु0अ0-4(मु0)विविध(कार्य)23-291/2019-4849 पटना, दिनांक 07.12.2021

महाशय,

उपर्युक्त विषयक प्रसांगिक पत्र द्वारा प्राप्त कार्य प्रमंडल, मधेपुरा अन्तर्गत शीर्ष FDR (वित्तीय वर्ष 2021-22) योजना का बाढ़ से क्षतिग्रस्त पथांशों का अस्थाई पुनर्स्थापन कार्य का डी०पी०आर० एक—एक प्रति में तकनीकी स्वीकृति प्रदान कर प्रशासनिक अनुमोदन हेतु समर्पित की जाती है। जिसकी विवरणी निम्नवत है।

44	ling.		क्षतिग्रस्त	
क्र0	प्रखंड	योजना का नाम	भाग की	तकनीकी स्वीकृति
	A The L		लम्बाई (KM)	की राशि (Lakh)
1.	Singheshwar	NH 106 Nariyal Vikash Board To Sukhasan	0.04	1.63597
2.	Singheshwar	Budhawe To Latrahi	0.269	7.93050
3.	Singheshwar	Singheshwar Birali Belari Road	1.662	34.42555
4.	Singheshwar	Barhari NH 106 Se Babhani Path Mahuli	0.858	15.23901
5.	Gamhariya	J <mark>ag</mark> ir To Singhiyan	0.033	13.02978
6.	Kumarkhand	Kumarkhand To jaduapatti	0.258	9.27227
7.	Kumarkhand	Kumarkhand To Ramganj	0.354	23.03287
8.	Kumarkhand	Kumarkhand Rauta Tengraha	0.077	1.54242
9.	Kumarkhand	NH 106 To Rauta Bridge Via Berali Ranipatti	0.180	5.16275
10.	Kumarkhand	Tikuliya hat To Laxmipur Bhagwati Vishwa Bank Path	0.315	5.29505
11.	Kumarkhand	Kumark <mark>ha</mark> nd Israinkala Jorawarganj	0.501	11.30913

P.T.O.

क्र0	प्रखंड	योजना का नाम	क्षतिग्रस्त भाग की लम्बाई	तकनीकी स्वीकृ <mark>ति</mark> की राशि (Lakh)
12.	Kumarkhand	Ratanpatti Sadak Korlahi To	(KM)	0.00464
13.	Kumarkhand	Kewatgama Chowle	0.231	3.00461
14.	Kumarkhand	Madhuban to Gopipur	0.173	2.08435
		PMGSY Sadak Kankar To Semarahi	0.421	6.75308
15.	Murliganj	Murliganj NH 107 To Pakilpar (Harpur)	1.016	23.65990
16.	Murliganj	Belo Chamgadh Se Chatra Kantahi	0.910	July .
17.	Shankarpur	Sonbarsa To Shankarpur		27.52292
18.	Kumarkhand	Baisarh To Bhairopur	0.361	4.57169
4	Kumarkhand		0.057	0.23201
19.	- Tamar Khang	Tikuliya Bhatani Bhokaraha Samarpan School Tengraha Mandir Via Basantpur Durga Mandir PMGSY Road	0.673	14.56602
20.	Murliganj	Middle School Rajani PWD Road To	0.030	0.80131
21.	Murliami	Pratap Nagar		

21. Murliganj Jogama Bonchayat me Surbila Den 0.022 Ke Ghaz se MMKSY Path Hanuman Mandin विश्वासमाजन, अनु0:-प्राक्कलन एक-एक प्रति में।

अधीक्षण अभियंता, ग्रामीण कार्य विभाग, कार्य अंचल, मधेपुरा।

11 Just 22



# ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

## BIHAR RURAL ROADS PROJECT

Bihar Rural Development Agency (BRRDA)

Head :- F.D.R.

YEAR (2021-22)

STATE DICTRICT BLOCK DIVISION BIHAR MADHEPURA KUMARKHAND MADHEPURA

## DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM BESARH-BHAIROPUR

Flood affected Length of Road	= ,	0.057 Km /
TOTAL COST OF PAVEMENT	Rs	23,200.85
TOTAL PROJECT COST	Rs	23,200.85

Submitted By:
Executive Engineer
RWD (W) Division, Madhepura

Prepared By: Executive Engineer RWD (W) Division, Madhepura

## SUMMARY OF COST ESTIMATE FOR THE PROJECT

DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM BESARH-BHAIROPUR

NAME OF ROAD :-

DIVISION: MADHEPURA

**BLOCK: KUMARKHAND** 

Flood Affected Length of Road :- 0.057 Km

Sr.	Description	Amount (In Rs.)
No.		
1	Total Cost of Restoration=	19,600.78
2	Add:-Labour Cess @1% amt. =	196.01
3	Add:GST@12% on amt. =	2,352.09
4	Add:S.F.@ 10% on Material (Brick Bats) =	1,051.97
	TOTAL RESTORATION COST OF THE PROJECT IN LACS	23,200.85

Say Ry 23, 201.00

Junior Engineer

RWD (W) Division, Madhepura

Assistant Engineer RWD (W) Division,Madhepura Executive Engineer RWD (W) Division, Madhepura

Scanned with CamScanner

			16 - 07/12/202	4
Technically thousand	Sanctioned ,	for 7 23,201.02 done only)	1/- (ie. Twent	by three
Nella and	RESTORACION OF	man is some to the tribute.		
Estimating Of	filletir	Superintending E	12 M. J. M. 18 M.	n for the
Work Circle, Madh	epura	Rural Works Depa Works Circle, Mad	ngineer Artment Ihepura	
	19,600.78			
	2 160, 255 83 43 28 000 55 500 26 160 1		A CANADA A C	Y
	Prongo Murer i	The supplies the second of the		A CA

Scanned with CamScanner

## Inspection Report for Flood Damage Work

Date: 13-11-2021

1. Name of PIUs: Ero, Shoùlendra Keimar

2. Name of Block: - kumas Kand

3. Name of Road: Bes Besash - Bhairopin

#### A. For Road

1. Damage Location/Chainage :-

2. Damage Length: 0.057 km

3. Nature of Damage: - 0.057 KM

4. Details of Restoration Works :-

ii. Equipments/Tools being used in Restoration works:

Brick lad, Sand failing from buo

iii. Procedure taken up in Restoration works:

iv. Restored Length:-

#### B. For Bridge

- Damage Location/Chainage :-
- 2. Damage Length:-
- 3. Nature of Damage:-
- 4. Detail of Restoration Works:
  - i. Material being used in Restoration works:
  - ii. Equipments/Tools being used in Restoration work:-
  - iii. Procedure taken up in Restoration works.
  - iv. Restored Length :-

(Name of Inspector)

## -:तकनीकी प्रतिवेदन:-

प्रमण्डल का नामः– मधेपुरा।

अंचल का नाम:— मधेपुरा प्रमण्डल का योजना शीर्ष:— 3054 एफ.डी.आर.
पथ का नाम:— बैसाढ़ से भैरोपुर पथ।
पथ की लम्बाई:— 3.150 कि.मी.
निर्मित/निर्माणाधीन पथ का शीर्ष:— प्रधानमंत्री ग्राम सड़क योजना पाक्कलित राशः— रू० 0.23200 लाख

प्रस्तुत प्राक्कलन वर्ष 2021 में आई अप्रत्याशित अतिवृष्टि एवं बाढ़ के कारण **बैसाढ़ से** भैरोपुर पथ में हुए क्षिति यथा कटाव/धसान/जलजमाव की आकस्मिक मरम्मित एवं यातायात पूनर्बहाल करने हेतु शीर्ष 3054 एफ.डी.आर. मद से सचिव, ग्रामीण कार्य विभाग/उच्चाधिकारियों के द्वारा दिये गये निर्देश के अनुपालन में तैयार किया गया है।

प्राक्कलन अन्तर्गत पथ में हुए क्षति की विस्तृत मापी दर्शायी गई है एवं प्राक्कलन वर्त्तमान अनुसूचित दर पर तैयार किया गया है।

Bios 20/10/02/

कनीय अभियंता ग्रामीण कार्य विभाग कार्य प्रशाखा, कुमारखण्ड Biselledon

सहायक अभियंता ग्रामीण कार्य विभाग कार्य अवर प्रमण्डल, कुमारखण्ड कार्यपालक अभियंता ग्रामीण कार्य विभाग कार्य प्रमण्डल, मधेपुरा।

### **Calculation of Seignlorage Fees**

NAME OF ROAD :-

DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM BESARH-BHAIROPUR BLOCK:- KUMARKHAND

S.No	SOR NO	DESRIPTION OF ITEMS	ОТУ	UNIT	RATE	AMOUNT
1/1	12.3	Sand filling in Foundation Trenches as per Drawing &	VII	OIVI	1	130132
	12.3	Technical Specification				0.00
2/2	A/R	E/W Providing & laying Brick Bat	0,00	Cum	141.85	0,00
100	IDA			-		
	1.	Providing and laying of Brick bat obtained from		1		
The same of		chimney with machenical means with all spreading,	Ï			
	ar e	grading to required slope and compacted at OMC to		Į.		
	100	acheive required density with all complete as per the direction of engineer in charge.		İ		
Mary Service	1111	direction of engineer in charge.				10710.00
	<u>K</u> (n	Brick Bats	10.19	Cum	1032.00	10519.69
	100	Labour filling empty cement bags with loocal sand,	1			
3/7	5.7.40.1	stitching the bags and placing including supply of sutli and EC bag etc. all complete as per approved desing,				
	Sec.	specification and direction of E/I				
Man !		Sand	0.00	Cum	141.85	0.00
William I	at XVIII	Providing, laying and filling Geo bags of size 1m X 0.7				
	To the	m(Type A 300 GSM nonwoven) weight of bags 420g				
	(8.1.1.)	volume of filled bag 0.07m3, weight of filled Geo bags	Ï		`	
	57402	126 Kg with local sand including stitching in four lines by approved nylon thread with stitching machine and				
4/8	5.7.40.2	generator stacking and placing after loading unloading		- 1		
		and carriage with help of trolley within 150m lead all		11.00		
	Park.	complete as per specifications and direction of E/I				
All Things		(including Carriage of Local sand lead 0.5 km)	0.00	Cum	141.85	0.00
BENEFIT .		Sand by providing well	0.00	Cum	141.00	
	įi)	Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor				
		I aredor arrangement on prepared surface,		. H		
	401	I		Ţ		
5/9	401	land compacting with smooth wheel folier to achieve		ľ	Į.	10
		the desired density, complete as per recimios				
		Specification Clause 401.				
		For Grading I Material (with Coarse Sand Screening)				
Direction		Unit ≈ Cum				
MATTER STATE OF THE PARTY OF TH		Taking output = 300 cum				
		Coarse graded granular sub-base material as per				
		Table 400.2	180.00	Cum	516.42	92955.60
ALC: TO		53 mm to 9.5mm @ 50 percent	72.00	Cum	411.33	29615.76
		o 5 to 2 36 mm @ 20 percent	108.00	Cum	185.94	20081.52
A STORY OF		2.36 mm below @ 30 percent (coarse Sand Screening)				142652.88
		Cost for 300 cum = a		Cum		475.51
		Rate psr Cum = (a)/300	0.00	Cum	475.51	0.00
		Valo by			-1	0.00
Tehnasi -	<del></del>	GSB Gr-l	<del></del>		TOTAL	10519.69
					Say	1051.97
		Seigniorage Fees @10% of Basic Amount				

Por Bell 012

CP CONTRACTOR

The most

			De	etails of	Meas	uremer	nt		
					संख्या		Measureme	ent	
		गर्य का ब्यौ			No.	लम्बाई चिड़ाई In m.			मात्रा
	De	eatail of W	/ork		IVO,	in m.	In m.	,,,,,,,	Quantity
									Quantity
NAME OF		BESARI	H-BHAIR	OPUR			DRATION O	F ROAD FI	ROM
tem No. 1	Sand fillin	g in Foun	dation Tre	nches as pe	r Drawing 8	& Technical	Specification		
Ch:-in						1 0	3.5	0.400	0.000
No. 2					1	0	Total (in Cu		0.000
em No.	Providing	and layin	g of Brick I	oat obtained	from chim	nev with ma	chenical mear	ns with all	0,000
: Laying	Shieadillia	, grading	to required	slope and	compacted	at OMC to	acheive requi	red	
Brick	density wi	th all com	plete as p	er the directi	on of engir	eer in charc	ie		
h:-in					1	9.00	0.60	0.150	0.810
the territory					1	5.00	0.40	0.150	0.300
					1	2.50	0.40	0.100	0.100
					1	3.00	0.60	0.150	0.270
Ny III-					1	2.50	0.40	0.150	0.150
					1	3.10	1.80	0.300	1.674
					1	4.20	1.80	0.300	2.268
all the					1	10.00	0.90	0.100	0.900
1					1	4.00	1.00	0.150	0,600
					1	2.00	0.90	0.100	0.180
West -					1	2.80	2.20	0.300	1.848
					1	1.50	1,10	0.100	0.165
					1	1.10	1.20	0.100	0.132
					1	3.10	1.30	0.150	0.132
					1	3.20	0.60	0.100	0.603
						57.00	0.60	1 0.100	10.194
					_	37.00	Total (in	Cum	10.194
em No. 3	I about for	cutting 6	2mm to 75	mm dia bai	nboo piles	to size and	10.134		
em No. 3	driving etc	. complet	e iob as pe	er specificati	on and dire	ection of E/I	maning onco		
H:-in				-	3	0.00		2.85	0.000
		For	Pomboo n	l illing 1.25m			Total (in m)	-	0.000
an No. 4	l chour for	FUI fitting an	d fiving Sp	lit hamboo y	voven char	chari in posit	tion with 20 sv	va G I	0.000
em NO. 4	Labour 101	mm to 10	ia iixiiiy op 10 mm lana	nails altern	atively incl	udina cost o	of G.I. wire or r	nails	
	complete i	oh as nei	r specificat	ion and dire	ction of E/I	uug ooot o			
	[complete]	Siz	e 6m*2m	Ch2nd km	0	Ι 0	0.9	$\top$	0.00
For	Chachary 0	1 no.(6m	) Bamboo	=1.413 sqm	0	0	2		0.00
101	0.100.10.7						Total (in sqm	)	0.00
No.						Tota	l (in m)		0.00
em No. 5	Labour for	fitting an	d fixing 75	5 mm dia ba	mboo runn	ers in position	on at every ve	ertical	
	pole with 1	150 mm lo	ong nails o	r 38 swg G.I	. wire inciu	owng cost of	G.I wire or na	ils	
	complete j	ob as per	specificat	ion and dire	ction of E/I	0.00	Т	<del></del>	0.00
H:-in					3	0.00	Total (in m)	<del></del>	0.00
	12		A = 14 -	/ /			rotar (iii (ii)		0.00
NIA 6	Supply of I	<u> samboo a</u>	at site.			1	Total (in m)		0.00
em No. 6									0.00
em No. 6	,		1				Total (in nos	)	0.00
em No. 6							Total (in nos.	)	0.00

Item No. 7	Labour fil	lling empty	cement ba	igs with look	cal sand, sti	tching the b	ags and placin	g	
	specificat	tion and di	rection of E	Jug cio. u I	ii complete	as per appr	oved desirig,		
CH:-in					1	0.00	0.500	0.750	0.00
			***************************************	· · · · · · · · · · · · · · · · · · ·		Total (	in cum)		0.00
	(0.034m	3=1 no. of	EC Bags)						0.00
						Total (	in nos.)		0.00
tem No. 8	Providing	,laying and	Tilling Ged	pags or size	e 1m X 0.7	m(Type A	SOU GSIM NONV	voven)	
	weight of	bags 420g	volume of	filled bag C	0.07m3. wei	aht of filled	Geo bags 126	Kg with	
							ad with stitchin		
							ling and carria		
	help of tro	ollev within	150m lead	all comple	te se ner er	ecifications	and direction	of E/I	
	(including	Carriage	of Local sa	nd lead 0.5	km)		arra an sous.		
ļ:		Jumage	or Eddar od	ila load 0.0	1	0	0	0	0.00
12-									0.00
	(0.07m3=	=1 no. of 0	Seo Bags)						0.00
			Joe Bugo,		0.	Total (	in nos.)		0.00
tom No. 9	Construct	ion of gran	nular sub-b	ase by prov	idina well a	raded mate			
lem No. 5						ler arranger			_
			-		_	_	at OMC, and		
						desired de			5
	complete	as per rec	onnical Spe	Cilication	lause 40 1.1	(Gr-II Mater	3.75	0.200	0.00
						-		tal (Cum)	
			- D-i-6	- d O	Opposed 5	Ding NID2 ac			
tem No.			g Reinforc	ea Cement	Concrete F	ripe ivino as	per design in	Sirigie	
0	Row(1000	omm Dia).				1 0	0.5		0.00
Ch:-			·		1	0	2.5	tal (in m)	0.00
170					1	1	10	rai (III III)	0.00

Birard Tru

## **Schedule of Quantity**

.No	SOR NO	DETAILED ESTIMAE FOR TEMPRORY RESTORATION FROM BESARH-BHAIROPUR	OF ROAD	BLOCK :-	KUMA	ARKHAND
1	301.5	DESRIPTION OF ITEMS Sand filling in Foundation Trenches as per Drawing & Technical Specification	QTY	UNIT	RATE	AMOVIN
		Technical Specification Previous as per Drawing &	0.00		-	AMOUNT
2	A/R	Providing and laying of Brick bat obtained from chimney with machenical means with all spreading, grading to required slope and compacted at OMC to acheive required density with all complete as per the direction of engineer in charge.	10.19	Cum	1922.87	19600.78
3	5.7.7	Labour for cutting 62mm to 75 mm dia bamboo piles to		-	-	
		Labour for fitting and the	0.00	m	45.86	0.00
4	5.7.8	Labour for fitting and fixing Split bamboo woven chachari in position with 20 swg G.I wire or 75 mm to 100 mm long nails alternatively including cost of G.I. wire or nails complete job as per specification and direction of E/I	0.00	sqm	78.20	0.00
5	5.7.9	in position at every vertical pole with 150 mm long nails	0.00			
6		complete job as per specification and direction of E/I Supply of Bamboo at site.	0.00	m	5.31	0.00
		Labour filling empty compatible	0.00	nos.	188.39	0.00
7	5.7.40.1	stitching the bags and placing including supply of sutil and EC bag etc. all complete as per approved desing, specification and direction of E/I	0.00	nos.	37.05	0.00
8	į.	Providing, laying and filling Geo bags of size 1m X 0.7 m(Type A 300 GSM nonwoven) weight of bags 420g volume of filled bag 0.07m3. weight of filled Geo bags 126 Kg with local sand including stitching in four lines by approved nylon thread with stitching machine and generator stacking and placing after loading unloading and carriage with help of trolley within 150m lead all complete as per specifications and direction of E/I (including Carriage of Local sand lead 0.5 km)  Construction of granular sub-base by providing well	0.00	Each	172.18	0.00
9	401	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.	0.00	Cum	2091.76	0.00
0	9.3	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Roww(1000mm Dia).	0.00	m	4046.57	0.00
$\bot$		Total		ili.	Rs.	19600.78