#### अधीक्षण अभियंता का कार्यालय, ग्रामीण कार्य विभाग, कार्य अंचल, मधेपुरा। प्रांक...62.3....../>%%

प्रेषक,

ई0 खलीकुज्जमा, अधीक्षण अभियंता.

सेवा में.

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

मधेपुरा, दिनांक 21.05.22/

विषय:

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।

प्रसंग्रः

कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, मधेपुरा का पत्रांक !7.2... अनु0, दिनांक -1915) 22— एवं अभियंता प्रमुख, ग्रामीण कार्य विभाग, बिहार, पटना का पत्रांक मु030-4(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।

विवरण् क्र <b>0</b>	ग्रा निम्नवत ह। प्रखंड	योजना का नाम	क्षतिग्रस्त भाग की लम्बाई	तकनीकी स्वीकृति की राशि (Lakh)	
	Cin shooburar	NH 106 Nariyal Vikash Board To	(KM)	1.63597	
1.	Singheshwar	Sukhasan	0.269	7,93050	
2.	Singheshwar	Budhawe To Latrahi Singheshwar Birali Belari Road	1.662	34.42555	
3.	Singheshwar	Barhari N# 106 Se Babhani Path Mahuli	0.858	15.23901	
4:	Singheshwar Gamhariya	Jagir To Singhiyan	0.033	13.02978	
5.	Kumarkhand	Kumarkhand To jaduapatti	0.258	9.27227	
6. 7.	Kumarkhand	Kumarkhand To Ramganj	0.354	23.03287	
8.	Kumarkhand	Kumarkhand Rauta Tengraha	0.077	1.54242 5.16275	
9.	Kumarkhand	NH 106 To Rauta Bridg <b>e Via</b> Berali Ranipatti	0.100		
10.	Kumarkhand	To Layminur Rhagwati		5.29505	
11.	Kumarkhand	Kumarkhand Israinkala Jorawarganj	0.501	11.30913	
JI.		·	1		

P.T.O.

क्र0	प्रखंड	योजना का ताप	श्रीतग्रस भाग की सम्बद्ध (KM)	सम्बद्धाः स्टब्स्ट्री का रहितः (\$.11840)	
12.	Kumarkhand	Ratanpatti Sadak Korlahi To Kewatgama Chook	0.231	3,569463	
13.	Kumarkhand	Madhuhan to Gopipur	0.173	2.11/195	
14.	Kumarkhand	PMGSY Sadak Kankar To Semarahi	0/121	6.75718	
15.	Murliganj Murliganj NH 107 To Pakilpar (Harpur)		1.016	23,65440	
16.	Murligani	Belo Chamgadh Se Chatra Kantahi	0.910	27.52232	
17.	Shankarpur	Sonbarsa To Shankarpur	0.361	4.57369	
18.	Kumarkhand	Baisarh To Bhaircpur	0.057	0.23250	
19.	Kumarkhand	Tikuliya Bhatani Bhokarai a Samarpan School Tengraha Mandir V.a Basantpur Durga Mandir PMGS7 Road	0.673	1456/112	
20.	Murliganj	Middle School Rajani PV/D Road To Pratap Nagar	0.030	0.20131	
21.	Murliganj	Jorgama Bincheyat me Surville Bein Ke Ghaz se Myhsy Path Hanuman Handi	0.0212 विश्वास्माज	1.92.630 FL	
अनु०:-	-प्राक्कलन एक-एक	प्रति में।	H/	105/22	

अधीक्षण अनियंता, ग्रामीण कार्य विद्याग, कार्य अंदल. मबेपुरा ।



# 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 MURLIGANJ MADHEPURA

DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM CONSTRUCTION OF ROAD FROM MIDDLE MMGSY SCHOOL RAJNI PWD ROAD PRATAPNAGAR ROAD

Actual Length of Road	=	5.050 Km
Flood affected Length of Road	=	0.030 Km
TOTAL COST OF PAVEMENT	Rs	80,131.52
TOTAL PROJECT COST	Rs	80,131.52

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 CONSTRUCTION OF ROAD FROM MIDDLE

NAME OF ROAD :- MMGSY SCHOOL RAJNI PWD ROAD PRATAPNAGAR ROAD

DIVISION: MADHEPURA

BLOCK: MURLIGANJ

Actual Length of Road :- 5.050 Km

Flood Affected Length of Road :- 0.030 Km

Sr.	Description	Amount (In Rs.)
No.	1 -	property of the second
1	Total Cost of Restoration=	69,136.97
2	Add:-Labour Cess @1% amt. =	691.37
3	Add:GST@12% on amt. =	8,296.44
4	Add:S.F.@ 10% on Material =	2,006.75
	TOTAL RESTORATION COST OF THE PROJECT IN LACS	80,131.52

Soy, 80131=0

Junior Engineer

RWD (W) Division, Madhepura

Christ select

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

Scanned with CamScanner

Technically sanctioned for 2^ Eighty Moys and one hundred thirty one Rupees whise.

Estimating Officer
Rural Work Department

Work Circle, Madhepura

Superintending Engineer
Rural Works Department
Works Circle, Madhepura

### Inspection Report for Flood Damage Work

	17/11/			
1. Name	of PIUs :-	Eri	Shailentson	Kumar

2. Name of Block: pruntiganj
3. Name of Road: - Construction of Road from priville minusy School Reigni put D Road partiapriages
Read

#### A. For Road

- 1. Damage Location/Chainage: 3:30km 103:330km
- 2. Damage Length: 0.030km
- 3. Nature of Damage :-
- 4. Details of Restoration Works :
  - i. Material being used in Restoration works:
  - ii. Equipments/Tools being used in Restoration works:
  - iii. Procedure taken up in Restoration works
  - iv. Restored Length:-

#### B. For Bridge

- 1. 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 :-

AE EE

अभि क्या सपान प्रामा गर्मा १००० हे हिंदी स्ट्राप्ट

Brick but, Sand beg, kanbyo pile

(Name of hispector)

#### -: तकनीकी प्रतिवेदन:-

अंचल का नाम:— मधेपुरा योजना शीर्ष:— 3054 एफ.डी.आर. पथ का नाम:— मिड्ल स्कूल रजनी पी.डब्लु.डी. रोड से प्रतापनगर पथ। पथ की लम्बाई:— 5.050 किं.मी. निर्मित/निर्माणाधीन पथ का शीर्ष:— मुख्यमंत्री ग्राम सम्पर्क योजना प्राक्कलित राशि:— रू० 0.80131 लाख

प्रस्तुत प्रावकलन वर्ष 2021 में आई अप्रत्याशित अतिवृष्टि एवं बाढ़ के कारण मिडिल स्कूल रजनी पी.डब्लु.डी. 'रोड से प्रतापनगर पंथ में हुए क्षति 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।

कनीय अभियंता ग्रामीण कार्य विभाग कार्य प्रशाखा, मुरलीगंज सहायक अभियंता ग्रामीण कार्य विभाग कार्य अवर प्रमण्डल, मुरलीगंज कार्यपालक अभियंता ग्रामीण कार्य विभाग कार्य प्रमण्डल, मधेपुरा।

		rt	uremen	Meas	Details of					
	Measurement									
QTY.	HEIGHT	WIDTH	LENGTH	No.	DESCRIPTION ,					
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I. RAJNI	SCHOO	TE MMCS	M MIDD	OAD EDA	CONSTRUCTION OF R	ME OF ROAD :-				
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	nnacting				Item No. 1 Construction of embankment with approving tupto 1.5 m, transporting to site, spread to meet requirement of Tables 200					
	inpureum g	000 m as per	a lead upto '	300.2 with a	Administration is the Bull a sub-					
					Specification Clause 301.5	:-in				
0.000	0.000	0.000	0	1		-711				
0.000										
0.000	)	Total (in Cum			and loving of Deals to 1.1.1	n No.   Providing				
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	u	cneive require	at UNIC to a	ompacted	, grading to required stope and on the all complete as per the direction	The state of the s				
.15.470	.: 0.175	3.400	26.00							
		Macade Victoria		.,1,		841				
2.800	0.200	3.50	4.00	1	<u> </u>	-in .				
18.270			30.00							
18.270	cum)	Total (in C	30.00							
11.			to size and r	nboo piles	cutting 62mm to 75 mm dia bar	n No. 3 Labour fo.				
			ction of E/I	on and dire	complete job as per specification	driving of				
	3.75					Juliving etc				
270.000			24.00	3		:-in				
0.000	2.1		0.00			:-in				
	2.1	Total (in m)	0.00	3	For Bamboo pilling 1.25m	:-in				
0.000	2.1 G.J	on with 20 swg	0.00	3 1 oven chac	For Bamboo pilling 1.25m	:-in				
0.000	2.1 G.J	on with 20 swg	0.00	3 1 oven chact atively inclu	For Bamboo pilling 1.25m fitting and fixing Split bamboo w mm to 100 mm long nails altern	n No. 4 Labour for wire or 75				
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0.000 270.000 17.85 0.00 17.85 75.80	G.I ills	on with 20 swg G.l. wire or na  1.7 0 otal (in sqm) n at every verti	0.00  nari in position ding cost of the tenth of the tent	3 1 roven chack atively inclusion of E/I 1 1 nboo runne wire includ tion of E/I 3	For Bamboo pilling 1.25m  For Bamboo pilling 1.25m  fitting and fixing Split bamboo w mm to 100 mm long nails altern ob as per specification and direct Size 6m*2m, 11 no.(6m) Bamboo=1.413 sqm  fitting and fixing 75 mm dia bar 50 mm long nails or 38 swg G.I.	For Chachary C				
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0.000 270.000 17.85 0.00 17.85 75.80 0.00 0.00 0.00 345.80 57.63	G.I ills	on with 20 swg G.l. wire or na  1.7 0 otal (in sqm) n at every verti	0.00  nari in position ding cost of the co	3 1 roven chack atively inclusion of E/I 1 1 nboo runne wire includ tion of E/I 3	For Bamboo pilling 1.25m fitting and fixing Split bamboo w mm to 100 mm long nails altern ob as per specification and direct Size 6m*2m, 11 no.(6m) Bamboo=1.413 sqm fitting and fixing 75 mm dia bar 50 mm long nails or 38 swg G.I. ob as per specification and direct	For Chachary Complete  No. 5 Labour for pole with a complete				
0.000 270.000 17.85 0.00 17.85 75.80 0.00 0.00 0.00	2.1 G.I ills	on with 20 swg G.l. wire or na  1.7 0 otal (in sqm) (in m) n at every verti G.l wire or nails  Fotal (in m)  Total (in m)  otal (in m)	0.00  nari in position ding cost of the tensor of the tens	3 1 oven chact atively inclu- tion of E/I 1 1 onboo runne wire includ tion of E/I 3 2	For Bamboo pilling 1.25m fitting and fixing Split bamboo water to 100 mm long nails alternated as per specification and direct Size 6m*2m, 11 no.(6m) Bamboo=1.413 sqm fitting and fixing 75 mm dia bar 50 mm long nails or 38 swg G.I. ob as per specification and direct Bamboo at site.	For Chachary Complete  No. 5 Labour for pole with complete  -in  No. 6 Supply of				
0.000 270.000 17.85 0.00 17.85 75.80 0.00 0.00 0.00 345.80 57.63	2.1 G.I ills	on with 20 swg G.l. wire or na  1.7 0 otal (in sqm) (in m) n at every vertical (in m)  Total (in m)  Total (in m)  otal (in nos.)	0.00  nari in position ding cost of the co	3 1 oven chact atively inclusion of E/I 1 1 nboo runne wire includ tion of E/I 3 2	For Bamboo pilling 1.25m fitting and fixing Split bamboo w mm to 100 mm long nails altern ob as per specification and direct Size 6m*2m, 11 no.(6m) Bamboo=1.413 sqm fitting and fixing 75 mm dia bar 50 mm long nails or 38 swg G.I. ob as per specification and direct Bamboo at site.	For Chachary Complete  No. 5 Labour for pole with complete  -in  No. 6 Supply of				
0.000 270.000 17.85 0.00 17.85 75.80 0.00 0.00 0.00 345.80 57.63 58.00	2.1 G.I ills	on with 20 swg G.l. wire or na  1.7 0 otal (in sqm) (in m) n at every vertical (in m) Fotal (in m) otal (in m) otal (in nos.) ags and placing oved desing,	0.00  nari in position ding cost of the co	3 1 oven chact atively inclusion of E/I 1 1 nboo runne wire includ tion of E/I 3 2	For Bamboo pilling 1.25m  fitting and fixing Split bamboo we ment to 100 mm long nails alternated by as per specification and direct Size 6m*2m, and no.(6m) Bamboo=1.413 sqm  fitting and fixing 75 mm dia bare 50 mm long nails or 38 swg G.I. ob as per specification and direct by as per specificat	For Chachary Complete  For Chachary Complete  No. 5 Labour for pole with a complete  -in  No. 6 Supply of				
0.000 270.000 17.85 0.00 17.85 75.80 0.00 0.00 0.00 345.80 57.63	2.1 G.I ills	on with 20 swg G.l. wire or na  1.7 0 otal (in sqm) (in m) n at every vertical (in m)  Total (in m)  Total (in m)  otal (in nos.)	0.00  nari in position ding cost of the co	3 1 oven chact atively inclusion of E/I 1 1 nboo runne wire includ tion of E/I 3 2	For Bamboo pilling 1.25m fitting and fixing Split bamboo w mm to 100 mm long nails altern ob as per specification and direct Size 6m*2m, 11 no.(6m) Bamboo=1.413 sqm fitting and fixing 75 mm dia bar 50 mm long nails or 38 swg G.I. ob as per specification and direct Bamboo at site.	For Chachary Complete  For Chachary Complete  No. 5 Labour for pole with complete  in No. 6 Supply of  No. 7 Labour filling separations				
0.000 270.000 17.85 0.00 17.85 75.80 0.00 0.00 0.00 345.80 57.63 58.00	2.1 G.I ills	on with 20 swg G.l. wire or na  1.7 0 otal (in sqm) (in m) n at every vertical (in m) Total (in m) otal (in nos.)  ags and placing oved desing, 0.75	0.00  nari in position ding cost of the co	3 1 oven chact atively inclu- tion of E/I 1 1 2 obsorption of E/I 3 2 al sand, stif- complete a	For Bamboo pilling 1.25m  fitting and fixing Split bamboo we ment to 100 mm long nails alternated by as per specification and direct Size 6m*2m, and no.(6m) Bamboo=1.413 sqm  fitting and fixing 75 mm dia bare 50 mm long nails or 38 swg G.I. ob as per specification and direct by as per specificat	For Chachary Complete  For Chachary Complete  No. 5 Labour for pole with a complete  -in  No. 6 Supply of				
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	machine and	cluding stitel generator s	g Geo bags or a ime of filled bag hing in four lines stacking and pla n lead all comp cal sand lead 0	s by approved cing after loa	gnt of filled ( I nylon threa	Geo bags 126 ad with stitchin	g with	
1000				1	0	0	0	0.00
-	(0.0m. a							0.00
	(0.07m3=1 n	o. of Geo E	Bags)					0.00
m No. 9	prepared sur compacting v	face, mixing	sub-base by propers with tractor report of the property of the	nounted grad method with	er arrangen rotavator a	nent on at OMC, and		0,00
				1	0	3.75	0.200	0.00
3				1		Tot	al (Cum)	0.00
m No. 1	Providing and Row(1000mr	d Laying Re	inforced Cemer	nt Concrete P	ipe NP3 as	per design in	Single	
1:-	INDOO!	ii Dia).		. 0	2.5			0.00

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## Schedule of Quantity

DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD NAME OF ROAD :- FROM CONSTRUCTION OF ROAD FROM MIDDLE MMGSY SCHOOL RAJNI PWD ROAD PRATAPNAGAR ROAD

BLOCK :-

MURLIGANJ

S.No	SOR NO	DECRIPAGO				
	<del> </del>	DESRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
1	301.5	Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5	0,000	Сит	182.79	0.00
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 achelye required density with all complete as per the direction of engineer in charge.	18.270	Cum	1922.87	35130.83
3	5.7.7	Labour for cutting 62mm to 75 mm dia bamboo piles to size and making shoes and driving etc. complete job as per specification and direction of E/I	270,000		45.86	12383.53
4	5.7.8	Labour for fitting and fixing Split bamboo woven chacharl in position with 20 swg G.I wire or 75 mm to 100 mm long nalls alternatively including cost of G.I. wire or nails complete Job as per specification and direction of E/I	17.850	sqm	78.20	1395.84
5	5,7.9	Labour for fitting and fixing 75 mm dia bamboo runners In position at every vertical pole with 150 mm long nails or 38 swg G.I. wire including cost of G.I wire or nails complete job as per specification and direction of F/I	0.000	m	5.31	0,00
6		Supply of Bamboo at site.	58.000	nos.	188.39	10926.40 *
7	5.7.40.1	Labour filling empty cement bags with loocal sand, stitching the bags and placing including supply of sutli and EC bag etc. all complete as per approved desing, specification and direction of E/I	251.000	nos.	37.05	9300.36
8	er er	Providing, laying and filling Geo bags of size 1m X 0.7 m(Type A 300 GSM nonwover) 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)	0.000	Each	172.18	0.00
9	401	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.	0.000	Cum	2091.76	0.00
10	9.3	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Roww(1000mm Dia).	0.000	m	4046.57	0.00
		Total			Rs.	69136.97