

**अधीक्षण अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य अंचल, मधेपुरा।**

पत्रांक...623.../2020

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।

प्रसंग : कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, मधेपुरा का पत्रांक 172/.... अनु0, दिनांक 19/5/22 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 डी0पी0आर0 एक-एक प्रति में तकनीकी स्वीकृति प्रदान कर प्रशासनिक अनुमोदन हेतु समर्पित की जाती है। जिसकी विवरणी निम्नवत है।

क्र0	प्रखंड	योजना का नाम	क्षतिग्रस्त भाग की लम्बाई (KM)	तकनीकी स्वीकृति 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 Biralil Belari Road	1.662	34.42555
4.	Singheshwar	Barhari NH 106 Se Babhani Path Mahuli	0.858	15.23901
5.	Gamhariya	Jagir 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 Beralil Ranipatti	0.180	5.16275
10.	Kumarkhand	Tikuliya hat To Laxmipur Bhagwati Vishwa Bank Path	0.315	5.29505
11.	Kumarkhand	Kumarkhand Israinkala Jorawarganj	0.501	11.30913

P.T.O.

क्र०	प्रखंड	योजना का नाम	यदिप्रस भाग की लम्बाई (KM)	लक्ष्य की सीमा की सीमा (Lakh)
12.	Kumarkhand	Ratanpatti Sadak Korahi To Kewatgama Chouk	0.231	3.00461
13.	Kumarkhand	Madhuban to Gopipur	0.173	2.19425
14.	Kumarkhand	PMGSY Sadak Kankar To Semarahi	0.421	6.75418
15.	Murliganj	Murliganj NH 107 To Pakilpar (Harpur)	1.016	23.65440
16.	Murliganj	Belo Chamgadh Se Chatra Kantahi	0.910	27.52292
17.	Shankarpur	Sonbarsa To Shankarpur	0.361	4.57169
18.	Kumarkhand	Baisarh To Bhairpur	0.057	0.23201
19.	Kumarkhand	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 Pratap Nagar	0.030	0.20131

21. Murliganj Jorgama Banchayat me Sushila Devi 0.022 1.92630
Ke Ghar se PMGSY Path Hanuman Mandir विश्वासभाजन,

अनु०:- प्राक्कलन एक-एक प्रति में।

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



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
DISTRICT
BLOCK
DIVISION

BIHAR
MADHEPURA
MURLIGANJ
MADHEPURA

**DETAILED ESTIMAE FOR TEMPORARY 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

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

DIVISION :- MADHEPURA

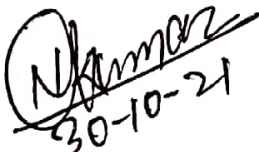
BLOCK :- MURLIGANJ

Actual Length of Road :- 5.050 Km

Flood Affected Length of Road :- 0.030 Km

Sr. No.	Description	Amount (In Rs.)
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

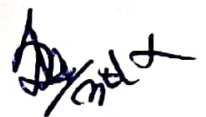
Say, 80,131/-


30-10-21

Junior Engineer
RWD (W) Division, Madhepura


30/10/21

Assistant Engineer
RWD (W) Division, Madhepura



Executive Engineer
RWD (W) Division, Madhepura

TS no :- 48 dated 20/05/2022
पत्रांक - मुं अ-५ (मुं) विविध (कार्य) 23-291/2019. 4849
दि 07/12/2021

Technically sanctioned for ⁸⁰¹³¹²⁰⁰ ₹ Eighty thousand one
hundred thirty one Rupees only.

W. S.
20/05/2022
Estimating Officer
Rural Work Department
Work Circle, Madhepura

H. S.
21/05/22
Superintending Engineer
Rural Works Department
Works Circle, Madhepura

Inspection Report for Flood Damage Work

Date:- 17/11/2021

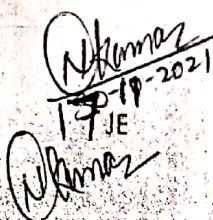
1. Name of PIUs :- Er. Shailendra Kumar
2. Name of Block :- mudiganj
3. Name of Road :- Construction of Road from middle primary school Rajni PWD Road partapnagar
Road

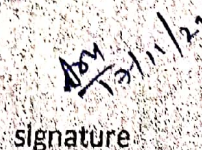
A. For Road

1. Damage Location/Chainage :- 3.300 km to 3.350 km
2. Damage Length :- 0.050 km ✓
3. Nature of Damage :-
4. Details of Restoration Works :-
 - i. Material being used in Restoration works:-
 - ii. Equipments/Tools being used in Restoration works:- Brick bat, sand bag, bamboo pole
 - 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 :-


17/11/2021
JE
AE
EE


signature

(Name of Inspector)

—:तकनीकी प्रतिवेदन:—

अंचल का नाम:— मधेपुरा

प्रमण्डल का नाम:— मधेपुरा।

योजना शीर्ष:— 3054 एफ.डी.आर.

पथ का नाम:— मिडिल स्कूल रजनी पी.डब्लु.डी. रोड से प्रतापनगर पथ।

पथ की लम्बाई:— 5.050 कि.मी.

निर्मित/निर्माणाधीन पथ का शीर्ष:— मुख्यमंत्री ग्राम संपर्क योजना

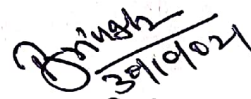
प्राक्कलित राशि:— रु0 0.80131 लाख

प्रस्तुत प्राक्कलन वर्ष 2021 में आई अप्रत्याशित अतिवृष्टि एवं बाढ़ के कारण मिडिल स्कूल रजनी पी.डब्लु.डी. रोड से प्रतापनगर पथ में हुए क्षति यथा कटाव/धसान/जलजमाव की आकस्मिक मरम्मत एवं यातायात पूर्णबहाल 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।

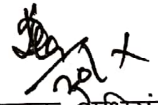
प्राक्कलन अन्तर्गत पथ में हुए क्षति की विस्तृत मापी दर्शायी गई है एवं प्राक्कलन वर्तमान अनुसूचित दर पर तैयार किया गया है।


30-10-21

कनीय अभियंता
ग्रामीण कार्य विभाग
कार्य प्रशाखा, मुरलीगंज


30/10/21

सहायक अभियंता
ग्रामीण कार्य विभाग
कार्य अवर प्रमण्डल, मुरलीगंज


30/10/21

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, मधेपुरा।

Details of Measurement

DESCRIPTION		No.	Measurement			QTY.
			LENGTH	WIDTH	HEIGHT	
NAME OF ROAD :-		DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF ROAD FROM CONSTRUCTION OF ROAD FROM MIDDLE MMGSY SCHOOL RAJNI PWD ROAD PRATAPNAGAR ROAD				
Item No. 1	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					
Ch:-in		1	0	0.000	0.000	0.000
						0.000
			Total (in Cum)			0.000
Item No. 2 : Laying Brick	Providing and laying of Brick bat obtained from chimney with machanical 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.					
Ch:-in		1	26.00	3.400	0.175	15.470
Ch:-in		1	4.00	3.50	0.200	2.800
			30.00			18.270
			30.00	Total (in Cum)		18.270
Item No. 3	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					
CH:-in		3	24.00		3.75	270.000
		1	0.00		2.1	0.000
	For Bamboo pilling 1.25m			Total (in m)		270.000
Item No. 4	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					
	Size 6m*2m,	1	10.5	1.7		17.85
	For Chachary 01 no.(6m) Bamboo=1.413 sqm	1	0	0		0.00
			Total (in sqm)			17.85
			Total (in m)			75.80
Item No. 5	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 E/I					
CH:-in		3	0			0.00
CH:-in		2	0			0.00
			Total (in m)			0.00
Item No. 6	Supply of Bamboo at site.					
			Total (in m)			345.80
			Total (in nos.)			57.63
						58.00
Item No. 7	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					
CH:-in		1	24.00	0.75	0.475	8.55
			Total (in cum)			8.55
						251.47
	(0.034m3=1 no. of EC Bags)			Total (in nos.)		251.00

Item No. 8	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 0.07m ³ . 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)								
		1	0	0	0			0.00	
								0.00	
	(0.07m ³ =1 no. of Geo Bags)							0.00	
								0.00	
								0.00	
								0.00	
Item No. 9	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. (Gr-II Material)								
						1	0	3.75	0.200
									0.00
									0.00
									0.00
Item No. 10	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Row (1000mm Dia).								
Ch:-		0	2.5						0.00
									0.00
									0.00

Kamran
0-11-21
J-E

Prishu
30/10/21
A-E



Schedule of Quantity

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

BLOCK :-

MURLIGANJ

S.No	SOR NO	DESCRIPTION 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	Cum	182.79	0.00
2	A/R	Providing and laying of Brick bat obtained from chimney with machanical 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.	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	m	45.86	12383.53
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	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 E/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		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 0.07m ³ . 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

Okumar
30-10-21
JE

Prish
30/10/21
AE

EE
30/10/21
EE