

**अधीक्षण अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य अंचल, गधेपुरा।**
पत्रांक 423/2020

प्रेषक, श्री खलीकुर्रजग, अधीक्षण अभियंता,

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

गधेपुरा, दिनांक 21.05.2021

विषय : ग्रामीण कार्य विभाग, कार्य प्रमंडल, गधेपुरा के अन्तर्गत शीर्ष FDR (वित्तीय वर्ष 2021-22) योजना का बाढ़ से क्षतिग्रस्त पथों का अस्थाई पुनर्र्थापन कार्य का प्रायकलन के प्रशासनिक अनुमोदन प्रदान करने के संबंध में।

प्रसंग : कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, गधेपुरा का पत्रांक 172/2020 अंश, दिनांक 19/5/2020 एवं अभियंता प्रमुख, ग्रामीण कार्य विभाग, बिहार, पटना का पत्रांक मु0अ0-4(मु0)विविध(कार्य)23-291/2019-4849 पटना, दिनांक 07.12.2021

संक्षेप,

उपर्युक्त विषयक प्रशासनिक पत्र द्वारा प्राप्त कार्य प्रमंडल, गधेपुरा अन्तर्गत शीर्ष FDR (वित्तीय वर्ष 2021-22) योजना का बाढ़ से क्षतिग्रस्त पथों का अस्थाई पुनर्र्थापन कार्य का डी0पी0अ0र0 एक-एक प्रति में तकनीकी स्वीकृति प्रदान कर प्रशासनिक अनुमोदन हेतु समर्पित की जाती है। जिसकी विवरणी निम्नवत है।

क्र०	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 Birali 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 Berali 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	क्षतिग्रस्त भाग की लम्बाई (KM)	तकनीकी स्वीकृति की राशि (Lakh)
12.	Kumarkhand	Ratanpatti Sadak Korlahi To Kewatgama Chowk	0.231	3.00461
13.	Kumarkhand	Madhuban to Gopipur	0.173	2.08435
14.	Kumarkhand	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	27.52292
17.	Shankarpur	Sonbarsa To Shankarpur	0.361	4.57169
18.	Kumarkhand	Baisarh To Bhairampur	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	0.80131

21. Murliganj Jorgama Panchayat me Surkula Devi 0.022 1.92630
Ke Ghar se MMGSY 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 TEMPRORY RESTORATION OF
ROAD FROM JORGAWA PANCHAYAT ME SUSHILA DEVI
KE GHAR SE MMGSY PATH HANUMAN MANDIR**

Actual Length of Road	=	1.700 Km
Flood affected Length of Road	=	0.022 Km
TOTAL COST OF PAVEMENT	Rs	1,92,629.79
TOTAL PROJECT COST	Rs	1,92,629.79

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 JORGAWA PANCHAYAT ME SUSHILA DEVI KE
GHAR SE MMGSY PATH HANUMAN MANDIR

DIVISION :- MADHEPURA

BLOCK :- MURLIGANJ

Actual Length of Road :- 1.700 Km

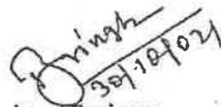
Flood Affected Length of Road :- 0.022 Km

Sr. No.	Description	Amount (In Rs.)
1	Total Cost of Restoration=	1,66,764.38
2	Add:-Labour Cess @1% amt. =	1,667.64
3	Add:GST@12% on amt. =	20,011.73
4	Add:S.F.@ 10% on Material =	4,186.04
TOTAL RESTORATION COST OF THE PROJECT IN LACS		1,92,629.79

Say, 1,92,630 =


30-10-21

Junior Engineer
RWD (W) Division, Madhepura


30/10/21

Assistant Engineer
RWD (W) Division, Madhepura


30/10/21

Executive Engineer
RWD (W) Division, Madhepura

अर्थ अधिकारी के पास भेजा गया

12/11/21

EE
Prinavir gaur

Scanned with CamScanner

TS no. :- 49 dated 20/05/2022
पत्रांक - मु. अ. - 4 (मु.) विविध (कार्य) 23-29/2019. 4849 दि 07/12/2021

Technically sanctioned for ₹ 1,92,630.00
One Loe Ninety Two thousand
Six hundred thirty Rupees only.

Wdwa
20/05/2022
Estimating Officer
Rural Work Department
Work Circle, Madhepura

11/21/05/22
Superintending Engineer
Rural Works Department
Works Circle, Madhepura

**अधीक्षण अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य अंचल, मधेपुरा।
पत्रांक...956.../**

प्रेषक,

ई0 खलीकुज्जमा,
अधीक्षण अभियंता,

सेवा में,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, मधेपुरा/उदाकिशनगंज/सुपौल/वीरपुर/त्रिवेणीगंज।
मधेपुरा, दिनांक 13-11-21/

विषय : वर्ष 2021 के बाढ़ एवं अतिवृष्टि से क्षतिग्रस्त पथों का निरीक्षण एवं जाँच के संबंध में।

प्रसंग : सचिव, ग्रामीण कार्य विभाग, बिहार, पटना के पत्रांक-मु0अ0-4(मु0) विविध (कार्य)-23-40/2016-2789 पटना, दिनांक 21.08.2020 एवं विभागीय Whatsapp ग्रुप में प्राप्त निदेश।

महाशय,

निदेशानुसार उपर्युक्त विषय के संबंध में कहना है कि वर्ष 2021 में बाढ़ एवं अतिवृष्टि से क्षतिग्रस्त पथों का शत-प्रतिशत निरीक्षण एवं जाँच असम्बद्ध कार्यपालक अभियंता के स्तर से किया जाना है। इस संबंध में मधेपुरा अंचल अन्तर्गत विभिन्न प्रमंडलों के क्षतिग्रस्त पथों के निरीक्षण हेतु निम्नानुसार कार्यपालक अभियंताओं को प्राधिकृत किया जाता है।

क्रमांक	प्रमंडल का नाम	निरीक्षण एवं जाँच हेतु प्राधिकृत पदाधिकारी
1.	कार्य प्रमंडल, मधेपुरा।	कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, वीरपुर।
2.	कार्य प्रमंडल, उदाकिशनगंज।	कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, मधेपुरा।
3.	कार्य प्रमंडल, सुपौल।	कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, वीरपुर।
4.	कार्य प्रमंडल, त्रिवेणीगंज।	कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, उदाकिशनगंज।
5.	कार्य प्रमंडल, वीरपुर।	कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, उदाकिशनगंज।

तदनुसार निदेश दिया जाता है कि अपने-अपने आवंटित प्रमंडल के क्षतिग्रस्त पथों का निरीक्षण कर विभागीय विहित प्रपत्र में दिनांक 25.11.2021 तक जाँच प्रतिवेदन तैयार कर विभाग को ससमय समर्पित करते हुए अधोहस्ताक्षरी को भी सूचित करेंगे।

सूचनार्थ प्रेषित।

विश्वासभाजन,

13/11/21

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

Calculation of Seigniorage Fees

NAME OF ROAD :- DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF ROAD FROM JORGAWA PANCHAYAT
ME SUSHILA DEVI KE GHAR SE MMGSY PATH HANUMAN MANDIR
BLOCK :- MURLIGANJ

S.No	SOR NO	DESCRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
1/1	12.3	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				
2/2	A/R	Providing & laying Brick Bat...	113.36	Cum	34.81	3945.90
		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.				
		Brick Bats	29.24	Cum	1032.00	30175.68
3/7	5.7.40.1	Labour filling empty cement bags with local sand, stitching the bags and placing including supply of subli and EC bag etc. all complete as per approved desing, specification and direction of E/I				
		Sand	54.56	Cum	141.85	7738.80
4/8	5.7.40.2	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)				
		Sand	0.00	Cum	141.85	0.00
5/9	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.				
		For Grading I Material (with Coarse Sand Screening)				
		Unit = Cum				
		Taking output = 300 cum				
		Coarse graded granular sub-base material as per Table 400.2				
		53 mm to 9.5mm @ 50 percent	180.00	Cum	516.42	92955.60
		9.5 mm to 2.36 mm @ 20 percent	72.00	Cum	411.33	29615.76
		2.36 mm below @ 30 percent (coarse Sand Screening)	108.00	Cum	185.94	20081.52
		Cost for 300 cum = a				142652.88
		Rate per Cum = (a)/300		Cum		475.51
			0.00	Cum	475.51	0.00
		GSB Gr-II				0.00
					TOTAL	41860.38
		Seigniorage Fees @10% of Basic Amount			Say	4186.04

Asst. JE
30-10-21
JE

Asst. AE
30/10/21
AE

Asst. EE
30/10
EE

Details of Measurement						
NAME OF ROAD :-	DESCRIPTION	No.	Measurement			QTY.
			LENGTH	WIDTH (avg)	WIDTH	
DETAILED ESTIMATE FOR TEMPORARY RESTORATION OF ROAD FROM JORGAWA PANCHAYAT ME SUSHILA DEVI KE GHAR SE NMGSY PATH HANUMAN MANDIR						
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	21.5	(3.8+5.8+4.2)/3	4.533	1,250
						121.833
	Less For Pipe	3	2.50		227x(0.8)2x2.5	8.478
Item No. 2	Providing and laying of Brick bat obtained from chimney with mechanical means with all spreading, grading to required slope and compacted at OMC to achieve required density with all complete as per the direction of engineer in charge.					
Ch-in		1	21.5	(3.8+5.8+4.2)/3	4.533	0,300
					Total (in Cum)	29,240
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 EI					
CH-in		1	0.00			0.000
	For Bamboo piling 1.25m	1	0.00			0.000
Item No. 4	Labour for filling and fixing Split bamboo woven chachar 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 EI					
	Size 6m*2m.	2	0		2.	0.00
	For Chachary 01 no (6m) Bamboo=1,413 sqm	1	0		2.	0.00
					Total (in sqm)	0.00
Item No. 5	Labour for filling 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 EI					
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)	0.00
					Total (in nos.)	0.00

Item No. 7	Labor filling empty cement bags with local sand, stitching the bags and placing including supply of suit and EC bag etc. all complete as per approved design, specification and direction of EA						
CH-in	U/S	1	21.50		1.25	1.000	27.83
CH-in	O/S	1	21.50		1.25	1.000	28.83
Total (in cum)							54.58
(0.034m ³ =1 no. of EC Bags)							1804.80
Total (in nos.)							1805.00
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 128 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 EA (including Carriage of Local sand lead 0.5 km)						
		1	0		0	0	0.00
(0.07m ³ =1 no. of Geo Bags)							0.00
Total (in nos.)							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
Total (Cum)							0.00
Item No. 1	Providing and Laying Reinforced Cement Concrete Pipe HP3 as per design in Single Row (1000mm Dia).						
Ch-		3	2.5				7.50
Total (in m)							7.50

N/A
30-10-21
S-K

Prish
30/10/21
A-E

30/10/21
max

Schedule of Quantity

NAME OF ROAD :- DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF ROAD
FROM JORGAWA PANCHAYAT ME SUSHILA DEVI KE GHAR SE BLOCK :- MURLIGANJ
MMGSY PATH HANUMAN MANDIR

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	113.355	Cum	182.79	20719.94
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.	29.240	Cum	1922.87	56224.72
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	0.000	m	45.66	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	0.000	sqm	78.20	0.00
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.	0.000	nos.	188.39	0.00
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	1605.000	nos.	37.05	59470.45
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).	7.500	m	4046.57	30349.27
		Total			Rs.	166764.38

Okumar
30-10-21
JE

Brish
30/10/21
AE

EE
30/10/21
EE

Inspection Report for Flood Damage Work

Date: 17/11/21

1. Name of P.I.Js. : Ex Shaulendra Kumar
2. Name of Block : (Mudhigam)
3. Name of Road : - Constructed Road from Jagdamba panchayat to Samala near Ka Ghat SE corner of
Patti Hanuman mandir.

A. For Road

1. Damage Location/Chainage :- 0.00 km to 0.042 km
2. Damage Length :- 0.022 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 :-
 - iii. Procedure taken up in Restoration works :-
 - iv. Restored Length :-

Earth works, Sand Bag, Hammer pipe, Brick Bat

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 :-

Attended.

Surekha
05.9.21
EXECUTIVE ENGINEER
R.W.D. WORKS DIVISION
MADHEPURA

अभि जेदी प्रताप 4/21 3/21/

AM
17/11/21

signature

(Name of Inspector)