

**अधीक्षण अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य अंचल, मधेपुरा।**
पत्रांक..623...../2020

प्रेषक,

ई० 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 1721.... अनु०, दिनांक 19/5/22 एवं अभियंता प्रमुख, ग्रामीण कार्य विभाग, बिहार, पटना का पत्रांक मु०अ०-4(मु०)विधि(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 निम्नवत है।

क्र०	प्रखंड	योजना का नाम	क्षतिग्रस्त भाग की लम्बाई (KM)	तकनीकी स्वीकृति की राशि (Lakh)
1.	Singheshwar	NH 106 Nariya Vikash Board To Sukhasan	0.04	1.63597
2.	Singheshwar	Budhawe To Latrahi	0.269	7.93050
3.	Singheshwar	Singheshwar Biral 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 Surkhila Devi Ke Ghar se PMGSY Path Hanuman Mandir 0.022 1.92630 विश्वासभाजन

अनु०:-प्राक्कलन एक-एक प्रति में।

21/05/22

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 NH-107 MURLIGANJ-PAKILPAR

Actual Length of Road	=	6.650 Km
Flood affected Length of Road	=	1.016 Km
TOTAL COST OF PAVEMENT	Rs	23,65,990.05
TOTAL PROJECT COST	Rs	23,65,990.05

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 NH-107 MURLIGANJ-PAKILPAR

NAME OF ROAD :-

DIVISION :- MADHEPURA


BLOCK :- MURLIGANJ

Actual Length of Road :- 6.650 Km

Flood Affected Length of Road :- 1.016 Km

Sr. No.	Description	Amount (In Rs.)
1	Total Cost of Restoration=	19,98,859.90
2	Add:-Labour Cess @1% amt. =	19,988.60
3	Add:GST@12% on amt. =	2,39,863.19
4	Add:S.F.@ 10% on Material =	1,07,278.36
TOTAL RESTORATION COST OF THE PROJECT IN LACS		23,65,990.05

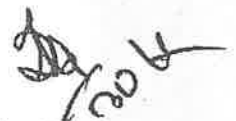
Say, 23, 65, 990=00


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

T.S no - 36

dated - 20/9/2022

पत्रिका - मु.अ. - 4 (मु.) वि.वि. (का.) 23 - 29/2019-4849

दिनांक - 07/12/2021

Technically sanctioned for ₹ 23,65,990/- (i.e. Twenty Three Lacs,
Sixty ^{five} ~~thousand~~ ^{thousand}, Nine Hundred Ninety only)

विलेन
20/05/22

Estimating Officer
Rural Work Department
Work Circle, Madhepura

11/21/05/22

Superintending Engineer
Rural Works Department
Work Circle, Madhepura

Inspection Report for Flood Damage Work

Date:- 17/11/2021.

1. Name of PIUs :- Er. Shailendra Kumar
2. Name of Block :- muriganj
3. Name of Road :- Constⁿ of Road from NH 107 muriganj - pakilpar

A. For Road

1. Damage Location/Chainage :- 3.20 km to 4.216 km
2. Damage Length :- 1.016 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 :-

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 :-

NA
JE
AE
EE
17/11/2021
10/11/2021

अभिषेक कुमार

Signature

(Name of Inspector)

—:तकनीकी प्रतिवेदन:—

अंचल का नाम:— मधेपुरा

प्रमण्डल का नाम:— मधेपुरा।

योजना शीर्ष:— 3054 एफ.डी.आर.

पथ का नाम:— एन.एच. 107 मुरलीगंज से पकिलपार (हरपुर) पथ।

पथ की लम्बाई:— 6.650 कि.मी.

निर्मित/निर्माणाधीन पथ का शीर्ष:— प्रधानमंत्री ग्राम सड़क योजना

प्राक्कलित राशि:— ₹0 23.65990 लाख

प्रस्तुत प्राक्कलन वर्ष 2021 में आई अप्रत्याशित अतिवृष्टि एवं बाढ़ के कारण एन.एच. 107 मुरलीगंज से पकिलपार (हरपुर) पथ में हुए क्षति यथा कटाव/धसान/जलजमाव की आकस्मिक मरम्मत एवं यातायात पुनर्बहाल 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।

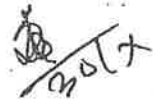
प्राक्कलन अन्तर्गत पथ में हुए क्षति की विस्तृत मापी दर्शायी गई है एवं प्राक्कलन वर्तमान अनुसूचित दर पर तैयार किया गया है।


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।

Calculation of Seigniorage Fees

NAME OF ROAD :- DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF ROAD FROM NH-107 MURLIGANJ-
PAKILPAR
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				
		E/W	0.00	Cum	34.81	0.00
2/2	A/R	Providing & laying Brick Bat...				
		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	1039.52	Cum	1032.00	1072783.61
3/7	5.7.40.1	Labour filling empty cement bags with local sand, stitching the bags and placing including supply of suti and EC bag etc. all complete as per approved desing, specification and direction of E/I.				
		Sand	0.00	Cum	141.85	0.00
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
						142652.88
		Cost for 300 cum = a		Cum		475.51
		Rate per Cum = (a)/300	0.00	Cum	475.51	0.00
						0.00
		GSB Gr-II			TOTAL	1072783.61
		Seigniorage Fees @10% of Basic Amount			Say	107278.36

W. Kumar
30-10-21
JE

Prakash
30/10/21
AE

EE

Details of Measurement

DESCRIPTION		No.	Measurement			QTY.
			LENGTH	WIDTH	HEIGHT	
NAME OF ROAD :-		DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF ROAD FROM NH-107 MURLIGANJ-PAKILPAR				
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	20.00	4.000	0.180	14.400
Ch:-in		1	14.00	3.30	0.175	8.085
Ch:-in		1	17.00	3.50	0.150	8.925
Ch:-in		1	16.00	3.40	0.160	8.704
Ch:-in		1	15.00	3.50	0.150	7.875
Ch:-in		1	30.00	3.20	0.180	17.280
Ch:-in		1	30.00	3.50	0.175	18.375
Ch:-in		1	30.00	3.20	0.150	14.400
Ch:-in		1	30.00	3.30	0.175	17.325
Ch:-in		1	30.00	3.20	0.150	14.400
Ch:-in		1	30.00	3.70	0.140	15.540
Ch:-in		1	30.00	3.80	0.150	17.100
Ch:-in		1	30.00	3.50	0.175	18.375
Ch:-in		1	30.00	3.30	0.150	14.850
Ch:-in		1	30.00	3.50	0.200	21.000
Ch:-in		1	30.00	3.00	0.150	13.500
Ch:-in		1	30.00	3.30	0.160	15.840
Ch:-in		1	30.00	3.20	0.150	14.400
Ch:-in		1	30.00	3.20	0.380	36.480
Ch:-in		1	30.00	3.70	0.320	35.520
Ch:-in		1	30.00	3.30	0.200	19.800
Ch:-in		1	30.00	3.20	0.250	24.000
Ch:-in		1	30.00	3.70	0.125	13.875
Ch:-in		1	30.00	2.90	0.300	26.100
Ch:-in		1	30.00	3.20	0.300	28.800
Ch:-in		1	30.00	3.40	0.250	25.500
Ch:-in		1	30.00	3.20	0.300	28.800
Ch:-in		1	30.00	3.70	0.350	38.850
Ch:-in		1	30.00	4.20	0.400	50.400
Ch:-in		1	30.00	3.60	0.580	62.640
Ch:-in		1	15.00	4.00	0.550	33.000
Ch:-in		1	15.00	3.60	0.500	27.000
Ch:-in		1	15.00	3.80	0.530	30.210
Ch:-in		1	15.00	4.25	0.620	39.525
Ch:-in		1	15.00	4.00	0.550	33.000
Ch:-in		1	15.00	3.60	0.520	28.080
Ch:-in		1	15.00	4.30	0.550	35.475
Ch:-in		1	15.00	4.20	0.480	30.240
Ch:-in		1	15.00	7.20	0.450	48.600
Ch:-in		1	15.00	7.70	0.260	30.030
Ch:-in		1	15.00	7.60	0.250	28.500
Ch:-in		1	15.00	7.50	0.200	22.500
Ch:-in		1	4.00	3.70	0.150	2.220
Ch:-in						

		1016.00		1039.519
		1016.00	Total (in Cum)	1039.519

N. Kumar
30-11-20
A.E.

Prakash
30/11/20
A.E.

Schedule of Quantity

NAME OF ROAD :- DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF ROAD BLOCK :-
FROM NH-107 MURLIGANJ-PAKILPAR

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.	1039.519	Cum	1922.87	1998859.90
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	45.86	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	0.000	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 local 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	0.000	nos.	37.05	0.00
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 0.07m3. 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.	1998859.90

(Signature)
30-10-21
JE

(Signature)
30/10/21
AE

(Signature)
30/10/21
EE