

**अधीक्षण अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य अंचल, मधेपुरा।**
पत्रांक ६२२५/ मधेपुरा, विभाग २१८५२२२/

प्रेषक,

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

सेवा से,

मुख्य अभियंता-२,
ग्रामीण कार्य विभाग,
पटना।

विषय : ग्रामीण कार्य विभाग, कार्य प्रमंडल, मधेपुरा के अधीन वर्ष 2021-22 में भारी वर्षा के कारण आसी बाढ़ से क्षतिग्रस्त सड़कों तथा पुलियों का प्रशासनिक स्वीकृति हेतु डी०पी०आर० समर्पित करने के संबंध में।

प्रसंग : कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, मधेपुरा का पत्रांक १६७५ अ३-
दिनांक ११.०५.२२ एवं अभियंता प्रमुख, ग्रामीण कार्य विभाग, विहार, पटना का पत्रांक-
मु०अ०-४(मु०)विधि(कार्य)२३-२९१/२०१९-४८४९ पटना, दिनांक ०७.१२.२०२१।

महोदय,

उपर्युक्त विषयक प्रशासनिक पत्र के आलोक में कहना है कि ग्रामीण कार्य विभाग, कार्य प्रमंडल, मधेपुरा के अधीन वर्ष 2021-22 में भारी वर्षा के कारण आसी बाढ़ से क्षतिग्रस्त सड़कों तथा पुलियों का कराये गये कार्य का प्रशासनिक अनुमोदन हेतु मागनीय विधायक गिरंजन कुमार भोइता, विधान सभा क्षेत्र, बिहारीगंज के पत्रांक 75, 78 दिनांक 26.09.2021 एवं जिला पदाधिवक्ता, मधेपुरा का ज्ञापक 2908 दिनांक 09.10.2021 के आलोक में प्रशासनिक अनुमोदन हेतु 13 योजनाओं का डी०पी०आर० तकनीकी स्वीकृति के उपरान्त इस पत्र के साथ संलग्न कर समर्पित की जाती है, जो निम्न प्रकार है।

क्र०	प्रखंड	प्रखंड	योजना का नाम	क्षतिग्रस्त भाग की लम्बाई (KM)	तकनीकी स्वीकृति की राशि (Lakh)
1.	Murliganj	FDR	Parmanandpur Panchayat Ke Ward No-10 Me PMGSy Road Se Brahmshtan Rahta tola tak.	0.880	22.21221
2.	Murliganj	FDR	Khari Dakshinabri tola MMGSY Road Se Kabir Asram Parmanandpur tak.	0.380	8.99097
3.	Murliganj	FDR	Ratanpatti More Se Manhara PMGSY Nahar.	0.541	11.10203
4.	Murliganj	FDR	Raghunathpur Ward No-06 Me Kameshear Yadav Ke Ghar Se Kailash Yadav Ke Ghar tak.	0.596	17.27885
5.	Murliganj	FDR	Ratanpatti Ward No-02 Mahadalit tola Se S.H.-91 tak.	0.250	14.32069
6.	Murliganj	FDR	Pokhran Me Dularchand Vishwas Ke Ghar Se Bajrangwali Asthan tak.	0.798	20.64189

P.T.O.

क्र०	प्रखंड	प्रखंड	योजना का नाम	क्षतिग्रस्त भाग की लम्बाई (KM)	तकनीकी स्वीकृति की राशि (Lakh)
7.	Murliganj	FDR	Ganganpur Panchyat me PMGSY Sadak Se Kali tola tak.	0.397	12.28615
8.	Murliganj	FDR	Parmanandpur Panchayat Ke Ward No-10 Me PMGSY Road Se Ganesh Gupta Ghar tak.	0.053	1.48789
9.	Murliganj	FDR	Dinapatti Panchayat Ke Ward NO-05 Me Sanjay Yadav Ke Ghar Se Boku Yadav Ke Ghar tak.	0.104	2.92421
10.	Murliganj	FDR	Gangapur Panchayat Ke Ward No-11 Ke Upendra Yadav Ke Ghar Se Mahadalit tola tak.	0.244	5.18674
11.	Murliganj	FDR	Raghunathpur Ward No-08 Me Bhumi Das Ke Ghar Se Murho tola tak.	0.910	29.26569
12.	Murliganj	FDR	Raghunathpur Ward No-07 Me PMGSY Road Se Durga Asthan tak.	0.216	15.45514
13.	Kumaokhand	FDR	Jamunha Jagir Se Purab Jangh Wali Sadak me Prabhu Pandit Ke Ghar hote hue Domara ki Tola hote hue Rishideo and Ram Tola.	0.045	4.77587

अनु०:-प्राक्कलन एक-एक प्रति में।

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

Inspection Report for Flood Damage Work

Date - 19/11/2021

Name of PWS Er Shalendra Kumar

Name of Block Kumarkhand.

Name of Road Jamuaha Jagir se purab Jane wali Sadak me prabhupandit keghar hote hue domasahi Tola hote hue R2 slide and Ram Tola.

A. For Road

1. Damage Location/Chainage :-

2. Damage Length :- 0.045 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 work, Sand Bag, Hammer pipe, Bridge etc

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 :-

EXECUTIVE ENGINEER
R.W.D. WORKS DIVISION
MADHEPURA

15.9.22

Attch 2

15.9.22

15.9.22

signature EE

(Name of Inspector)



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
KUMARKHAND
MADHEPURA

DETAILED ESTIMATE FOR TEMPORARY RESTORATION
OF ROAD FROM JAMUAHA JAGIR SE PURAB JANE WALI
SADAK ME PRABHU PANDIT KE GHAR HOTE HUWE
DOMRAHI TOLA HOTE HUWE

Raon Tola.

Flood affected Length of Road	=	0.045 Km ✓
TOTAL COST OF PAVEMENT	Rs	4,77,586.59
TOTAL PROJECT COST	Rs	4,77,586.59

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 ESTIMATE FOR TEMPORARY RESTORATION OF
ROAD FROM JAMUAHA JAGIR SE PURAB JANE WALI SADAK
ME PRABHU PANDIT KE GHAR HOTE HUWE DOMRAHI
TOLA HOTE HUWE *R2 Shikdo Tola and Ram Tola*
DIVISION :- MADHEPURA
BLOCK :- KUMARKHAND
Flood Affected Length of Road :- 0.045 Km

Sr. No.	Description	Amount (In Rs.)
1	Total Cost of Restoration=	4,15,565.14
2	Add:-Labour Cess @1% amt. =	4,155.65
3	Add:GST@12% on amt. =	49,867.82
4	Add:S.F.@ 10% on Material =	7,997.98
TOTAL RESTORATION COST OF THE PROJECT IN LACS		4,77,586.59

504,47,587.00

P. Singh
30/10/21
Junior Engineer
RWD (W) Division, Madhepura

P. Singh
30/10/21
Assistant Engineer
RWD (W) Division, Madhepura

S. Singh
30/10/21
Executive Engineer
RWD (W) Division, Madhepura

पत्रांक - T.S No-47 dated - 20/8/2022
मुं 340-4 (मुं) विनिदि (काय) 23-291/2014-4849

दि - 07/12/2024

Technically sanctioned for ₹ 4,77,587.00 (i.e. four Lacs Seventy
Seven thousand five hundred eighty seven rupees only).

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

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

**अधीक्षण अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य अंचल, मधेपुरा।**
पत्रांक.....१५६...../

प्रेषक,

ई० 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-मु०अ०-4(मु०) 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।

Scanned by CamScanner

Scanned with CamScanner

Scanned by CamScanner

—तकनीकी प्रतिवेदन:—

अंचल का नाम:— मधेपुरा

प्रमण्डल का नाम:— मधेपुरा।

योजना शीर्ष:— 3054 एफ.डी.आर.

पथ का नाम:— जमुआहा जागीर से पूरब जाने वाली सड़क में प्रमु पंडित के घर होते हुए डोमराही टोला पथ।

पथ की लम्बाई:— 2.50 कि.मी.

निर्मित/निर्माणाधीन पथ का शीर्ष:—

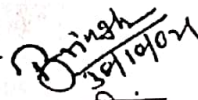
प्राक्कलित राशि:— रू0 4.77586 लाख

प्रस्तुत प्राक्कलन वर्ष 2021 में आई अप्रत्याशित अतिवृष्टि एवं बाढ़ के कारण जमुआहा जागीर से पूरब जाने वाली सड़क में प्रमु पंडित के घर होते हुए डोमराही टोला 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।

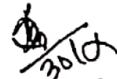
प्राक्कलन अन्तर्गत पथ में हुए क्षति की विस्तृत मापी दर्शायी गई है एवं प्राक्कलन वर्तमान अनुसूचित दर पर तैयार किया गया है।



कनीय अभियंता
ग्रामीण कार्य विभाग
कार्य प्रशाखा, कुमारखण्ड



सहायक अभियंता
ग्रामीण कार्य विभाग
कार्य अवर प्रमण्डल, कुमारखण्ड



कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, मधेपुरा।

Schedule of Quantity

NAME OF ROAD :- DETAILED ESTIMATE FOR TEMPORARY RESTORATION OF ROAD FROM JAMUAHA JAGIR SE PURAB JANE WALI SADAK ME PRABHU PANDIT KE GHAR HOTE HUWE DOMRAHI TOLA HOTE HUWE Roshni 7014 and Ram 7019

BLOCK :- KUMARKHAND

S.No	SOR NO	DESCRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
1	301.5	Sand filling in Foundation Trenches as per Drawing & Technical Specification	371.25	Cum	582.71	216332.72
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.	21.60	Cum	1922.87	41533.99
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	1476.00	m	45.86	67696.62
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	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	135.00	m	5.31	716.44
6		Supply of Bamboo at site.	269.00	nos.	188.39	50675.89
7	5.7.40.1	Labour filling empty cement bags with loocal 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	1042.00	nos.	37.05	38609.48
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)	0.00	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.	0.00	Cum	2091.76	0.00
10	9.3	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Roww(1000mm Dia).	0.00	m	4046.57	0.00
		Total			Rs.	415565.14

JE
30/10/24

AE
22/11/24

EE
22/11/24

Details of Measurement							
कार्य का ब्योरा Deatall of Work		संख्या No.	Measurement			मात्रा Quantity	
			लम्बाई in m.	चौड़ाई In m.	mm.		
NAME OF ROAD :-		DETAILED ESTIMATE FOR TEMPORARY RESTORATION OF ROAD FROM JAMUAHA JAGIR SE PURAB JANE WALI SADAK ME PRABHU PANDIT KE GHAR HOTE HUWE DOMRAHI TOLA HOTE HUWE					
Item No. 1	Sand filling in Foundation Trenches as per Drawing & Technical Specification						
Ch:-in		1	45	5.5	1.500	371.250	
			45	Total (In Cum)		371.250	
Item No. 2	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	45.00	3.20	0.150	21.600	
			45.00			21.600	
		Total (in Cum)				21.600	
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		2	4	45.00	4.1	1476.000	
		For Bamboo pilling 1.25m				1476.000	
		Total (in m)				1476.000	
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, Ch-.2nd km		0	0	0.9	0.00
		For Chachary 01 no.(6m) Bamboo=1.413 sqm		0	0	2	0.00
		Total (in sqm)				0.00	
		Total (in m)				0.00	
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	45.00			135.00	
		Total (in m)				135.00	
Item No. 6	Supply of Bamboo at site.						
		Total (in m)				1611.00	
		Total (in nos.)				268.50	
						269.00	
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	45.00	0.750	1.050	35.44	
		Total (in cum)				35.44	
						1042.28	
		(0.034m3=1 no. of EC Bags)					
		Total (in nos.)				1042.00	
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 0.07m3. 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)						
		1	0	0	0	0.00	
						0.00	
						0.00	
		(0.07m3=1 no. of Geo Bags)					
		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 40.4 (Gr-II Material)							
					0	3.75	0.200	0.00
						Total (Cum)		0.00
Item No. 1	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Row (1000mm Dia)							
					0	2.5	1	0.00
						Total (in m)		0.00

Calculation of Seigniorage Fees

NAME OF ROAD :- DETAILED ESTIMATE FOR TEMPORARY RESTORATION OF ROAD FROM JAMUAHA JAGIR SE
 BLOCK :- KUMARKHAND PURAB JANE WALI SADAK ME PRABHU PANDIT KE GHAR HOTE HUWE DOMRAHI TOLA HOTE

S.No	SOR NO	DESCRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
17	12.3	Sand filling in Foundation Trenches as per Drawing & Technical Specification				
22	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 achieve required density with all complete as per the direction of engineer in charge.	371.25	Cum	141.85	52661.81
		Brick Bats				
37	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	21.60	Cum	1032.00	22291.20
		Sand				
48	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 0.07m3, 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)	35.44	Cum	141.85	5026.81
		Sand				
59	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.	0.00	Cum	141.85	0.00
		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		Cum		142652.88
		Rate per Cum = (a)/300		Cum		475.51
			0.00	Cum	475.51	0.00
						0.00
		GSB Gr-I			TOTAL	79979.82
		Seigniorage Fees @10% of Basic Amount			Say	7997.98

Birend
30/10/24
JE

Birend
30/10/24
AE

EE
30/10/24