



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
PURAINI
UDAKISHANGANJ

**DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF
ROAD FROM KHERO PASCHIM TOLA PMGSY PATH TO
DHANESHPUR VIA GOTH KHERHO**

Flood affected Length of Road	=	0.020 Km
TOTAL COST OF PAVEMENT	Rs	2,94,972.91
TOTAL PROJECT COST	Rs	2,94,972.91

Submitted By:
Executive Engineer
RWD (W) Division, Udakishanganj

Prepared By:
Executive Engineer
RWD (W) Division, Udakishanganj

Inspection Report for Flood Damage work

e:-

of PIUS:- Ram Ratan Ram (EE RWD works Division - Udaipur)

of Block:- Purnani

of Road:- Khera Paschim to a Purnani path to Dameshpur via Ghat Khera.

Road

age Location/Chainage:- 1st KM (0.00 KM)

age Length:- 0.020 KM

ure of damage:- embankment (earth work & road crush)

ils of Restoration Works:- H.P Culvert, earth work, brick bats

erial being used in Restoration works:- sand, bricks

ipments/Tools being used in Restoration works:-

edure taken up in Restoration works:-

ored Length:- 0.020 KM

Bridge

age Location/Chainage:-

age Length:-

ure of damage:-

ails of Restoration Works:-

erial being used in Restoration works:-

ipments/Tools being used in Restoration works:-

edure taken up in Restoration works:-

ored Length:-

NA.

[Signature]
22/11/21
JE

[Signature]
22/11/2021
AE

[Signature]
25/11/21
EE

[Signature]
25/11/21

Signature
(Name of inspector)

प्रतिवेदन

पथ का नाम :- Khera Paschim to PMGSY Path to
Dhaneshpur via Goth Kherho

प्रखंड :- Purnani

जिला :- Madhepura

पथ की कुल लंबाई :- 2.320 km

प्रस्तुत प्राकलन मो०-2.94..... लाख का वर्ष 2021 में आयी बाढ़ एवं अतिवृष्टि से क्षतिग्रस्त पथों को मानक अवस्था में लाने हेतु विभागीय पत्रांक-मु०अ०-4(मु०) विविध (कार्य)-23-291/2019 4275 पटना, दिनांक-22.10.2021 एवं पत्रांक- मु०अ०-4(मु०) विविध (कार्य) 23-291/2019 4589 पटना, दिनांक-13.11.2021 के द्वारा दिये गये निर्देश का अनुपालन कर ग्रामीण कार्य विभाग, कार्य प्रमंडल, उदाकिशुनगंज के अधीन स्वीकृत प्राकलन के दर पर तैयार की गई है।

Queel
22/11/2021
कनीय अभियंता,
ग्रामीण कार्य विभाग,

AK
22/11/2021
सहायक अभियंता,
ग्रामीण कार्य विभाग,
कार्य अवर प्रमंडल,
पुरेनी

22/11/2021
कार्यपालक अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, उदाकिशुनगंज।

ग्रामीण कार्य विभाग
बिहार, सरकार

पत्रांक - मु0अ0-4 (मु0) विविध कार्य-23-60/2020 - 1937

पटना, दिनांक 07/07/2021

प्रेषक,

पंकज कुमार पाल (भा0प्र0से0)
सचिव

सेवा में,

सभी कार्यपालक अभियंता
ग्रामीण कार्य विभाग,

विषय- बाढ़ अतिवृष्टि से क्षतिग्रस्त पथों/पुलियों को यातयात लायक (Motorable) करने के संबंध में।

महाशय,

उपर्युक्त विषय के संबंध में निदेश दिया जाता है कि प्रमंडल अन्तर्गत सभी अभियंता बाढ़/अतिवृष्टि से क्षतिग्रस्त पथों का शत प्रतिशत निरीक्षण करेंगे। पथों/पुलियों के क्षतिग्रस्त भाग से पानी उतरते ही उसे यातायात लायक बनाने की कारवाई एवं Motorable किये जाने से पहले तथा Motorable कार्य के बाद का Real time, Geo tagged photographs को MIS पर तत्क्षण अपलोड किया जाना सुनिश्चित करेंगे। इन कार्यों को कराने हेतु कार्यपालक अभियंता पूर्ण रूप से जिम्मेवार होंगे। कार्य न कराने की स्थिति में उनके विरुद्ध अनुशासनिक कार्रवाई की बाध्यता होगी।

विश्वासभाजन

(पंकज कुमार पाल)

सचिव

ज्ञापांक- मु0अ0-4 (मु0) विविध कार्य-23-60/2020 - 1937

पटना, दिनांक 07/7/2021

प्रतिलिपि:-सभी अधीक्षण अभियंता को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित। साथ ही उन्हें निदेश दिया जाता है कि वे लगातार अनुश्रवण एवं निरीक्षण करते हुए क्षतिग्रस्त भाग को अतिशीघ्र यातायात लायक बनवाने की कार्रवाई सुनिश्चित करेंगे।

सचिव

ज्ञापांक-मु0अ0-4 (मु0) विविध कार्य-23-60/2020 - 1937

पटना, दिनांक 07/7/2021

प्रतिलिपि:-सभी मुख्य अभियंता, ग्रामीण कार्य विभाग को सूचनार्थ एवं लगातार अनुश्रवण करने हेतु प्रेषित।

सचिव

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

प्रेषक,

ई० खलीकृष्णमा,
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।

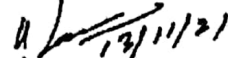
महाशय,

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,



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

SUMMARY OF COST ESTIMATE FOR THE PROJECT

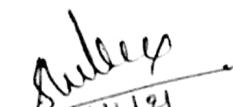
NAME OF ROAD :- DETAILED ESTIMAE FOR TEMPRORY
RESTORATION OF ROAD FROM KHERO
PASCHIM TOLA PMGSY PATH TO DHANESHPUR
VIA GOTH KHERHO

DIVISION :- UDAKISHANGANJ

BLOCK :- PURAINI

Flood Affected Length of Road :- 0.020 Km

Sr. No.	Description	Amount (In Rs.)
1	Total Cost of Restoration=	2,52,536.92
2	Add:-Labour Cess @1% amt. =	2,525.37
3	Add:GST@12% on amt. =	30,304.43
4	Add:S.F.@ 10% on Material (Brick Bats) =	9,606.19
TOTAL RESTORATION COST OF THE PROJECT IN LACS		2,94,972.91


22/11/21
Junior Engineer

RWD (W) Division,Udakishanganj


22/11/2021
Assistant Engineer

RWD (W) Division,Udakishanganj


22/11/21
Executive Engineer

RWD (W) Division,Udakishanganj

TS no :-

dated 20/04/2022

पत्रांक मु० अ०-५ (मु० विविध (कार्य) 23-291/2019-
4849 दिनांक - 20/12/2021

Technically sanctioned for Rs 2,94,972.00
(Rs Two lacs ninety four thousand nine -
hundred seventy two) only.

Seen
20/04/2022
Estimating Officer
Rural Work Department
Work Circle, Madhepura

20/04/22
Superintending Engineer
Rural Works Department
Works Circle, Madhepura

Details of Measurement

कार्य का ब्यौरा Deatall of Workl		संख्या No.	Measurement			मात्रा Quantity
			लम्बाई in m.	चोड़ाई In m.	In m.	
NAME OF ROAD :-		DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF ROAD FROM KHERO PASCHIM TOLA PMGSY PATH TO DHANESHPUR VIA GOTH KHERHO				
Item No. 1	Sand Filling in ditch & breach portion of road as per Drawing & Technical Specification.					
		1	20.1	4.5	1.50	135.675
			Total (in Cum)			135.675
Item No. 2 :	Laying Brick Bat....					
CH:-		1	20.1	3.75	1.100	82.913
	Less For Pipe	3	22/7x(0.6)2x2.5 (-)		8.478	
			Total (in Cum)			74.435
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					
		1	0		6	0.000
	For Bamboo pilling 1.25m		Total (in m)			0.000
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.---- km	1	0	2		0.00
	For Chachary 01 no. Bamboo=1.413 sqm	1	0	2		0.00
			Total (in sqm)			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					
		2	0			0.00
		1	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
						0.00
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					
		1	0	3.5	1.5	0.00
			Total (in Cum)			0.00
						0.00
	0.034m3=1 nos.		Total (in nos.)			0.00
Item No. 8	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	1	1	1.000	0.00
			Total (Cum)			0.00
Item No. 9	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Row(1000mm Dia).					
		1	3	2.5		7.50
			Total (in m)			7.50

Subur
121

20/11/17

Calculation of Seigniorage Fees

**DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF ROAD FROM KHERO PASCHIM TOLA
PURAINI**

NAME OF ROAD :-
BLOCK :-

S.No	SOR NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
17	12.3	Sand Filling in Foundation Trenches as per Drawing & Technical Specification.				
		Sand	135.68	Cum	141.85	19245.50
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 acheive required density with all complete as per the direction of engineer in charge.				
		Brick Bats	74.43	Cum	1032.00	76816.40
37	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				
		Sand	0.00	Cum	141.85	0.00
49	5.7.40.2	Labour for filling empty cement bags with loocal sand, stitching the bags and placing in Nylon crate of size (1 m x 1 m x 1 m) with lead of 150 M including supply of sutli etc. at site in dry portion all complete as per approved design, specification and direction of E/I				
		Sand	0.00	Cum	141.85	0.00
510	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	180.00	Cum	516.42	92955.60
		53 mm to 9.5mm @ 50 percent	72.00	Cum	411.33	29615.76
		9.5 mm to 2.36 mm @ 20 percent	108.00	Cum	185.94	20081.52
		2.36 mm below @ 30 percent (coarse Sand Screening)				142652.88
		Cost for 300 cum = a		Cum		475.51
		Rate psr Cum = (a)/300	0.00	Cum	475.51	0.00
						0.00
		GSB Gr-I			TOTAL	96061.90
					Say	9606.19
		Seigniorage Fees @10% of Basic Amount				

Shulep
22/11/2019
JE

AE
22/11/2019
AE

22/11/19
EE

Schedule of Quantity

NAME OF ROAD :- DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF ROAD FROM KHERO PASCHIM TOLA PMGSY PATH TO DHANESHPUR

BLOCK :-

PURAINI

S.No	SOR NO	DESCRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
1	12.3	Sand Filling in Foundation Trenches as per Drawing & Technical Specification.	135.68	Cum	582.71	79059.78
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.	74.43	Cum	1922.87	143127.87
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	0.00	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	0.00	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	0.00	m	5.31	0.00
6		Supply of Bamboo at site.	0.00	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	0.00	nos.	37.05	0.00
8	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	3128.33	0.00
9	9.3	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Roww(1000mm Dia).	7.50	m	4046.57	30349.27
		Total			Rs.	252536.92

Subee
22/11/21
JE

AE
22/11/2021
AE

EE
22/11/21
EE