

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

पत्रांक ६२२५४/ मधेपुरा, दिनांक २१.०५.२२/

प्रेषक,

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

सेवा में,

मुख्य अभियंता-२,  
ग्रामीण कार्य विभाग,  
पटना।

विषय :

ग्रामीण कार्य विभाग, कार्य प्रमंडल, मधेपुरा के अधीन वर्ष २०२१-२२ में भारी वर्षा के कारण आसी चाढ़ 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 १६७५३३-  
दिनांक ११.०५.२२ एवं अभियंता प्रमुख, ग्रामीण कार्य विभाग, विहार, पटना का पत्रांक-  
गु०आ०-४(गु०)विधि(का०)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 २०२१-२२ में भारी वर्षा के कारण आसी चाढ़ से क्षतिग्रस्त सड़कों तथा पुलियों का कराये गये कार्य का प्रशासनिक अनुमोदन हेतु माननीय विधायक निरंजन कुमार मेहता, विधान सभा क्षेत्र, विहारीगंज के पत्रांक ७५, ७८ दिनांक २६.०९.२०२१ एवं जिला पदाधिकारी, मधेपुरा का ज्ञापक २९०८ दिनांक ०९.१०.२०२१ के आलोक में प्रशासनिक अनुमोदन हेतु १३ 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)
१.	Murliganj	FDR	Parmanandpur Panchayat Ke Ward No-10 Me PMGSy Road Se Brahmsthan Rahta tola tak.	०.८८०	२२.२१२२१
२.	Murliganj	FDR	Khari Dakshinabri tola MMGSY Road Se Kabir Asram Parmanandpur tak.	०.३८०	८.९९०९७
३.	Murliganj	FDR	Ratanpatti More Se Manhara PMGSY Nahar.	०.५४१	११.१०२०३
४.	Murliganj	FDR	Raghunathpur Ward No-०६ Me Kameshear Yadav Ke Ghar Se Kailash Yadav Ke Ghar tak.	०.५९६	१७.२७८८५
५.	Murliganj	FDR	Ratanpatti Ward No-०२ Mahadalit tola Se S.H.-९१ tak.	०.२५०	१४.३२०६९
६.	Murliganj	FDR	Pokhram Me Dularchand Vishwas Ke Ghar Se Bajrangwali Asthan tak.	०.७९८	२०.६४१८९

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.	Murliganj	FDR	Belo Chandadh Se Chatra Kantahi.	0.910	27.52292

अनु०:-प्राक्कलन एक-एक प्रति में।

विश्वासभाजन,

H. 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 :- P.D.R.

YEAR (2021-22)

STATE  
DISTRICT  
BLOCK  
DIVISION

BIHAR  
MADHEPURA  
MURLIKANJ  
MADHEPURA

DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF  
ROAD FROM RATANPATTI MORE SE MANIHARA PMGSY  
NAHAR

Actual Length of Road	=	0.720 Km
Flood affected Length of Road	=	0.541 Km
TOTAL COST OF PAVEMENT	Rs	11,10,203.08
TOTAL PROJECT COST	Rs	11,10,203.08

Submitted By  
Executive Engineer  
RWD (W) Division, Madhepura

Prepared By  
Executive Engineer  
RWD (W) Division, Madhepura

## Inspection Report for Flood Damage work

Date:-


- 1 Name of PIUS :- Modhepura  
2 Name of Block :- Murthigant  
3 Name of Road :- Rathonpatti more se Mathara P.M.G.S.Y hatar


### A. For Road

- 1 Damage Location/Chainage :- 0+83m 83 to 280, 280 to 395, 395 to 525, 525 to 625, 625 to 720m  
2 Damage Length :- 0.541 km  
3 Nature of damage :-  
4 Details of Restoration Works :-  
i Material being used in Restoration works:- Bricks bats, Local Sand  
ii Equipments/Tools being used in Restoration works :-  
iii Procedure taken up in Restoration works :-  
iv Restored Length :-

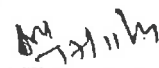
### B. For Bridge

- 1 Damage Location/Chainage :-  
2 Damage Length :-  
3 Nature of damage :-  
4 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 :-

  
JE

  
AE

  
EE

आपको ध्यान देने की आवश्यकता है  
  
Signature  
(Name of inspector) EE  
Trivarnigant

—तकनीकी प्रतिवेदन—

अंचल का नाम:— मधेपुरा

प्रमण्डल का नाम:— मधेपुरा।

योजना शीर्ष:— 3054 एफ.डी.आर.

पथ का नाम:— **Rathanpatti more se manahara PMGSY nahar**

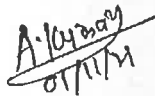
पथ की लम्बाई:—0.720 कि.मी.

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

प्राक्कलित राशि:— ₹0 11.102 लाख

प्रस्तुत प्राक्कलन वर्ष 2021 में आई अप्रत्याशित अतिवृष्टि एवं बाढ़ के कारण **Rathanpatti more se manahara PMGSY nahar** 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। ग्रामीण विद्यापक निरंज कुमार प्रसाद का पत्रांक - ४ दि. 26/09/24 सं. जिला पदाधिकारी का पत्रांक 2908 दि. 9/10/24 के अनुश्रवण के आलोक में

  
A. Kumar  
01/11/24

कनीय अभियंता  
ग्रामीण कार्य विभाग  
कार्य प्रशाखा मुरलीगंज

  
Binay  
01/11/24

सहायक अभियंता  
ग्रामीण कार्य विभाग  
कार्य अवर प्रमण्डल, मुरलीगंज

  
J. K. Singh  
11/11

कार्यपालक अभियंता  
ग्रामीण कार्य विभाग  
कार्य प्रमण्डल, मधेपुरा।

# SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :- DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF  
ROAD FROM RATANPATTI MORE SE MANHARA PMGSY  
NAHAR

DIVISION :- MADHEPURA

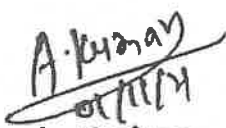
BLOCK :- MURLIGANJ

Actual Length of Road :- 0.720 Km

Flood Affected Length of Road :- 0.541 Km

Sr. No.	Description	Amount (In Rs.)
1	Total Cost of Restoration=	9,39,196.10
2	Add:-Labour Cess @1% amt. =	9,391.96
3	Add:GST@12% on amt. =	1,12,703.53
4	Add:S.F.@ 10% on Material =	48,911.48
TOTAL RESTORATION COST OF THE PROJECT IN LACS		11,10,203.08

Say, 11,10,203=00

  
Junior Engineer

RWD (W) Division, Madhepura

  
Assistant Engineer

RWD (W) Division, Madhepura

  
Executive Engineer

RWD (W) Division, Madhepura

TS no:- 23 dated 20/05/22  
पत्रांक - मु.अ. - 4 (मु.) विविध (कार्य) 23-291/2019. 4849  
दि. - 07/12/2021

Technically sanctioned for ₹ 11,10,203=00 i.e Eleven Lacs  
Ten thousand Two hundred Three rupees only.

Ushar  
20/05/22

Estimating Officer  
Rural Work Department  
Work Circle, Madhepura

11/12/21/05/22

Superintending Engineer  
Rural Works Department  
Works Circle, Madhepura

Details of Measurement						
कार्य का ब्योरा Detail of Workl		रोखा No.	Measurement			मात्रा Quantity
			लम्बाई In m.	चाड़ाई In m.	In m.	
NAME OF ROAD :-		DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF ROAD FROM RATANPATTI MORE SE MANIHARA PMGSY NAHAR				
Item No. 1	Sand filling In Foundation Trenches as per Drawing & Technical Specification					
Ch:-In		16	30	2.43	0.075	87.480
			Total (In Cum)			87.480
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 achelve required density with all complete as per the direction of engineer in charge.					
Ch:-in 0 to 83		1	19.81	2.74	0.450	24.426
		1	3.00	2.30	0.300	2.070
		1	29.00	1.50	0.225	9.788
Ch:-in 83 to 280		1	13.00	1.50	0.225	4.388
		1	5.00	2.75	0.300	4.125
		1	5.00	1.25	0.300	1.875
		1	16.00	3.30	0.250	13.200
		1	6.00	2.50	0.300	4.500
		1	2.00	2.50	0.300	1.500
		1	30.00	3.40	0.200	20.400
Ch:-in 280 to 395		1	10.00	3.40	0.250	8.500
		3	30.00	3.40	0.250	76.500
Ch:-In 395 to 525		3	30.00	3.40	0.300	91.800
		1	30.00	3.40	0.250	25.500
Ch:-in 525 to 625		3	30.00	3.40	0.250	76.500
		1	10.00	3.40	0.225	7.650
Ch:-in 625 to 720		1	3.00	2.43	0.150	1.094
		1	29.00	3.30	0.300	28.710
		2	30.00	3.30	0.300	59.400
						461.924
			Total (In Cum)			461.924

A. K. Sanyal  
01/11/21  
OE

Prinigan  
01/11/21  
A-E

86  
11/11



## Schedule of Quantity

NAME OF ROAD :- DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF ROAD BLOCK :-  
FROM RATANPATTI MORE SE MANHARA PMGSY NAHAR

MURLIGANJ

S.No	SOR NO	DESCRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
1	301.5	Sand filling in Foundation Trenches as per Drawing & Technical Specification	87.48	Cum	582.71	50975.86
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.	461.92	Cum	1922.87	888220.24
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		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 <sup>3</sup> . 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.	939196.10

A. G. 23  
01/11/21  
JE

B. Singh  
01/11/21  
AE

10/11  
EE

### Calculation of Seigniorage Fees

NAME OF ROAD :- DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF ROAD FROM RATANPATTI MORE SE  
MANHARA PMGSY NAHAR  
BLOCK :- MURLIGANJ

S.No	SOR NO	DESCRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
1/1	12.3	Sand filling in Foundation Trenches as per Drawing & Technical Specification				
		E/W	87.48	Cum	141.85	12409.04
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 achelve required density with all complete as per the direction of engineer in charge.				
		Brick Bats	481.82	Cum	1032.00	478705.81
3/7	5.7.40.1	Labour filling empty cement bags with local sand, stitching the bags and placing Including supply of suttli 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 0.07m3. 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)				
		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 psr Cum = (a)/300		Cum		475.51
			0.00	Cum	475.51	0.00
		GSB Gr-I				0.00
					TOTAL	489114.84
		Seigniorage Fees @10% of Basic Amount			Say	48911.48

*A. K. Singh*  
01/11/21  
JE

*Prakash*  
01/11/21  
AE

*[Signature]*  
11/11/21  
EE