



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
SUPAUL
CHHATAPUR
TRIVENIGANJ

DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF ROAD FROM
LALJI CHOWK HARIHAR PATH TO SOHTA KACHCHI ROAD WITH FIVE
YEAR MAINTENANCE

Actual Length of Road	=	11.970 Km
Flood affected Length of Road	=	1.090 Km
TOTAL COST OF PAVEMENT	Rs	1,612,072
TOTAL PROJECT COST	Rs	1,612,072

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

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

Index of Road

NAME OF ROAD :-

DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF
ROAD FROM LALJI CHOWK HARIHAR PATH TO SOHTA
KACHCHI ROAD WITH FIVE YEAR MAINTENANCE

DISTRICT :- SUPAUL

BLOCK :- CHHATAPUR

Head :- F.D.R.

Year :- 2021-22

Actual Length of Road :- 11.970 Km

Flood Affected Length of Road :- 1.090 Km

TOTAL COST OF PAVEMENT :- ₹ 19,57,374.77

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APD
15/6/22
JE

Sub Inspector
AE

G.17.6.22
Executive Engineer
Rural Works Department
Work Division, Trivenigarj



SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :- DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF ROAD FROM LALJI CHOWK HARIHAR PATH TO SOHTA KACHCHI ROAD WITH FIVE YEAR MAINTENANCE

DIVISION :- TRIVENIGANJ

BLOCK :- CHHATAPUR

Actual Length of Road :- 11.970 Km

Flood Affected Length of Road :- 1.090 Km

Sr. No.	Description	Amount (In Rs.)
1	SAND BAG	-
2	BRICK BATS	-
3	EC BAG	539,365.04
4	GEO BAG	-
5	GRANULAR SUB BASE	-
6	HUME PIPE	849,753.14
		-
	Total Cost =	1,389,118.18
	Add:-Labour Cess @1% amt. =	13,891.18
	Add:GST@12% on amt. =	166,694.18
	Add:S.F.@ 10% on Material =	42,368.86
	TOTAL RESTORATION COST OF THE PROJECT IN LACS	1,612,072

[Signature]
15/6/22

Junior Engineer
RWD (W) Division, Triveniganj

[Signature]
15/6/22

Assistant Engineer
RWD (W) Division, Triveniganj
[Signature]

[Signature]
15/6/22

Executive Engineer
RWD (W) Division, Triveniganj

Vide letter मु० अमि०-५ (मु०) दिनांक (कार्य) 23-29/12/2019-4849
dt 07/12/2021

Technically sanctioned for Rs-16,12,072-00/-
(That is sixteen lakh ^{Twelve} ~~twenty~~ thousand - Seventy two rupees only)

[Signature]
29/12/22
Superintending Engineer
Rural Works Department
Works Circle, Mailhe



जौच प्रतिवेदन

अभियंता प्रमुख, ग्रामीण कार्य विभाग, बिहार, पटना के पत्रांक-1890 दिनांक-22.04.2022 द्वारा अधीक्षण अभियंता, ग्रामीण कार्य विभाग, कार्य अंचल, मधेपुरा की अध्यक्षता में गठित चार सदस्यीय समिति द्वारा ग्राम प्रमंडल, त्रिवेणीगंज के अंतर्गत वर्ष 2021-22 में बाढ़/अतिवृष्टि से क्षतिग्रस्त पथों के मोटरद्वारा कार्य के कृत कार्य मदों की मात्रा का स्थानीय जौच संबंधित सहायक अभियंता एवं कनिष्ठ अभियंता के द्वारा माफ़ी लिया गया जो निम्न है :-

Name of Road :- LGI CHOWK SE HRIHAR PATH TO KACHNI ROAD

Division Name :- Rural Works Department, Works Division, Triveniganj

Block :- Chhatapur

No.	Items of Work	Nos.	(m)	(m)	(m) IN	Quantity (m3)
1	BRICK BATS					
		5	30	2.7	0.3	45
		4	25	3.5	0.3	126.6
		4	30	3	0.15	54
	Total Qty. =					225.6
						280.5
2	GSB GR-2					
		6	30	3	0.15	81
		4	30	3	0.1	36
		4	50	3	0.15	90
		5	30	1.9	0.15	42.75
		4	50	1.5	0.1	30
		4	30	3.2	0.15	57.6
		4	30	2.5	0.15	45
	Total Qty. =					382.25

121.5 M³

105.0

2

APD
23/5/22
7E

23/5/22
BLC

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, सुपौल।

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, वीरपुर।

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, त्रिवेणीगंज

कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, त्रिवेणीगंज समिति के जौच प्रतिवेदन के अनुसार POST FACTO M.B. एवं POST FACTO प्राक्कलन तैयार कराकर सक्षम अधिकार को अग्रतर कार्रवाई हेतु शीघ्र भेजे।

अधीक्षण अभियंता सह अध्यक्ष जौच समिति
ग्रामीण कार्य विभाग
कार्य अंचल, मधेपुरा



Estimate of Flood affected Road

NAME OF ROAD :- DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF ROAD FROM LALJI CHOWK HARIHAR PATH TO SOHTA KACHCHI ROAD WITH FIVE YEAR MAINTENANCE BLOCK :- CHHATAPUR

S.No	SOR NO	DESCRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
1	301.5	Sand filling in Foundation Trenches as per Drawing & Technical Specification	0.00	Cum	549.11	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.	280.50	Cum	1922.87	539365.04
3	5.7.40.1	Labour filling empty cement bags with loocal sand, stitching the bags and placing including supply of sulli and EC bag etc. all complete as per approved desing, specification and direction of E/I	0.00	nos.	36.10	0.00
4		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
5	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.	382.350	Cum	3010.64	1151118.20
6	9.3	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Roww(1000mm Dia).	0.00	m	4041.99	0.00
		Total			Rs.	1690483.24

AD
15/6/22
JE

AD
15/6/22
AE

EE
17.6.22

Executive Engineer,
Rural Works Department,
Work Division, Triveniganj

