

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 DICTRICT BLOCK DIVISION BIHAR SUPAUL CHHATAPUR TRIVENIGANJ

DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM MAHDIPUR BAZAR TO CHHATAPUR (BOARDER)

Actual Length of Road	=	1.000 Km
Flood affected Length of Road	=	0.709 Km
TOTAL COST OF PAVEMENT	Rs	15,94,996.85
TOTAL PROJECT COST	Rs	15,94,996.85

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

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

SINO	District	Division	Road Name	Length(In Km.)	Length of Damage Part Due to Flood	Tentative Restoration Amount(In Lac)	Block	
1	Supaul	Triveniganj	Chunni world bank to choudhary tola(sahpur), girdharpatti hat via mirrapatti.	9,3	0.3	60	Chhatapur	
- 7	Supaul	Trivenigatij	Mandipur Bazar to Chatapur (Boader)		0.75	18	Cunalaput	
3	Supaul	Triveniganj	L053-T01 To Narahiya (VR8)	2.585	0.35	19	Chhatapur	
4	Supaul	Triveniganj	1.Construction of road from Lalji Chauk Harihar Path to Sohta Kachni Road with five years maintenance	11.97	0.3	44	Chhatapur	
5	Supaul	Triveniganj	Construction of road from Chhatapur bus stand to Bhatta Bari Road with five years maintenance.	3.18	0.2	36	Chhatapur	
6	Supaul	Triveniganj	3. Construction of road from ChhatapurAnant Chowkto Bhatta Bari Road witfive years maintenance.	1.489	0.1	20	Chhatapur	
7	Supaul	Triveniganj	Construction of road from Raghunathpurto Faisya Kothi Road with five years maintenance.	9.375	2.12	64	Chhatapur	
8	Supaul	Triveniganj	Construction of road from Chunni to Charney world Bank road with filve year maintenance	6.345	0.3	40	Chhatapur	
9	Supaul	Triveniganj	Construction of road from Chhatapur Laxmipur to kunti road with five year maintenance	7.75	0.3	45	Chhatapur	
10	Supaul	Trivenigant	Construction of road from Lalilt gram Railway Station to Mahadev Patti with five year maintenance	2.055	0.4	34	Chhatapur	
11	Supaul	Triveniganj	Near House of Bishwanath Thakur TO Brahaman Tola, Pratapganj Pariyahi Road Middle MMGSY[SC]hool Lalganj	2	0.15	50	Chhatapur	
12	Supaul	Triveniganj	State Highway Se Ramjanki Chowk Middle School Chapin to Aarriya Sima Birpur Path Via Ayub 72 RD Subki mandal tola middle school thuthi	8.165	0.4 34		Chhatapur	
13	Supaul	Triveniganj	Pariyahi Pradhanmantri Sadak Se Pachim Ranipatti Nahar Ke Daya Bank to Udakishunganj SHW Nahar Pul Tak	5.035	0.15	75	Chhatapur	
14	Supaul	Triveniganj	Bari Maszid Jhakhargadh TO Purab Mahadalit Tola Via Chohan, Sah, Mansuri, Mahadalit Tola	2	0.2	15	Chhatapur	
15	Supaul	Triveniganj	SHW From House of Chhutharu Sahni to NH57 Naaharpul Via Mehta Mahadalit Tola.	3.55	0.15	12	Chhatapur	
16	Supaul	Triveniganj	Jewacchpur Naya Bazar to Madhubani Sima Tak via Sarswatipur.	3.175	0.33	23	Chhatapur	
17	Supaul	Triveniganj	L033-T01 To Lachmipur (VR9)	4.421	0.2	70	Chhatapur	
18	Supaul	Triveniganj	31 No Road to Darhariya Sima PMGSY via Pariyadhar	3.54	0.15	40	Chhatapur	
19	Supaul	Triveniganj	Madhopur Market to West North SHW Birpur Road via Uddhampur Sima	1.645	0.06	35	Chhatapur	
20	Supaul	Triveniganj	SH Bus Stand Paschim Bakho Tola & Paswan Tola Hote Huye Genda Nadi Evam Mirchaiya Nadi Par Karte Huye Harripatti SH Tak	4	0.025	15	Chhatapur	
21	Supaul	Triveniganj	East of SHW Kalam Dealer House to Anand Chowk	1.5	0.12	35	Chhatapur	
22	Supaul	Trivenigani	Pradhanmantri Matiyari to Brahamotra Mushhari Tola	2.085	0.2	68	Chhatapui	

कारता प्रमुख, रामीण कार्य किमाग, बिहार, पटना के पत्रांक-1890 दिनांक-22.04.2022 हारा अपीक्षण अवियंता. ग्रामीण कार्य विमाग, कार्य अवल, मधेपुरा की अध्यक्षता में गठित चार कोइता प्रमुख, ग्रामीण कार्य विभाग, बिहार, पटना अंतर्गत वर्ष 2021—22 में बाढ़ ∕ अतिवृष्टि से शतिग्रस्ता, ग्रामीण कार्य विभाग, कार्य अंचल, मधेपुरा की अध्यक्षता में गठित चार कृतीय कमिटी द्वारा कार्य प्रमंडल, त्रिवेणीगंज के अंतर्गत वर्ष 2021—22 में बाढ़ ∕ अतिवृष्टि से शतिग्रस्त पथों के मोटरेबूल कार्य के वृत कार्य मधी लिया गया जो निम्न है ::-

pne of Road :- CONSTRUCTION OF ROAD MANDIPUR BAZAR TO CHHATAPUR (BORDER) vision Name :- Rural Works Department, Works Division, Triveniganj

ock:- Chhatapur

Nik	rous of War	Ness	l: (m)	H (m)	(m) IN (Av.)	Quantity (m3)
1	GSB GR-2					
-		3	30.0	3.75	0.15	50.63
		4	30.0	3.75	0.2	90
		3	30.0	3.75	0.15	50.63
		5	20.0	3.75	0.15	The second second second
	1	5	30.0	3.75	0.2	56.25
		3	30.0	3.75	0.15	112.5
		2	30.0	3.75	0.2	50.63
		1	9.0	3.75	0.2	6.75
		and to	Jan -		Total Qty. =	

ग्रामीण कार्य विमाग

कार्य प्रमंडल, सुपौल।

ग्रामीण कार्य विभाग

कार्य प्रमंडल, बीरपुर।

कार्यपालक अभियंता ग्रामीण कार्य विभाग कार्य प्रमंडल, त्रिवेणीगंज

Ens.5.22

र्यंपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, त्रिवेणीगंज समिति के जाँच प्रतिवेदन के अनुसार POST FACTO M.B. एवं POST FACTO प्राक्कलन तैयार कराकर स

अधीक्षण अभियंता सह अध्यक्ष जाँच समिति ग्रामीण कार्य विभाग

कार्य अंचल, मधेपुरा

1/2/02/2

SUMMARY OF COST ESTIMATE FOR THE PROJECT

DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF

NAME OF ROAD :-

ROAD FROM MAHDIPUR BAZAR TO CHHATAPUR

(BOARDER)

DIVISION :

TRIVENIGANI

BLOCK :-

CHHATAPUR

Actual Length of Road :-

1.000 Km

Flood Affected Length of Road :-

0.709 Km

Sr. No.	Description	Amount (In Rs.)
1	SAND BAG	
2	BRICK BATS	
3	EC BAG	
4	GEO BAG	
5	GRANULAR SUB BASE	1,392,044.67
6	HUME PIPE	1,392,044.07
	Total Cost =	1,392,044.67
	Add:-Labour Cess @1% amt. = Add:GST@12% on amt. =	13,920.45
	Add:S.F.@ 10% on Material =	167,045.36
		21,986.38
	TOTAL RESTORATION COST OF THE PROJECT IN LACS	1,594,996.85

10/6/22

Junior Engineer RWD (W) Division,Triveniganj Assistant Engineer

RWD (W) Division, Triveni

9 14 15 3 4 3 3 1 500

Executive Engineer

RWD (W) Division, Triveniganj

Vide letter 10 31/12 4 (10) After (on) 25-291 203-4849

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N 29/06/20

Superintending Engineer Rural Works Department

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tem No. 4							Total	(in nos.)		0.00
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ir	ncluding stit	tching in t	four lines l after load	by approve	d nylon thre	ed Geo bag ad with stit	gs 126 Kg v ching mach	vith local sand	rator	0.00
ir s c CH:-in	ncluding stit stacking and complete as	tching in the depth of the dept	four lines after load cifications	by approve ling unloadi and directi	d nylon thre	ed Geo bag ad with stit lage with h cluding Ca	gs 126 Kg v ching mach elp of trolle rriage of Lo	with local sand nine and gene y within 150m ocal sand lead	rator lead all 10.5 km)	0.00
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10/6/22 TE

6)22

417.6.22

Executive Engineer
Rural Jorks Department
Work Division, Trivenigani

Estimate of Flood affected Road

NAME OF ROAD :- DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM MAHDIPUR BAZAR TO CHHATAPUR (BOARDER). BLOCK :-MAHDIPUR BAZAR TO CHHATAPUR (BOARDER)

CHHATAPUR

S.No	SOR NO	DESRIPTION 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 machenical 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.	0.00	Cum	1922.87	0.00
3	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.	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 0.07m3, 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)	0.00	Each	172.18	0.00
5	401	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.	462.375	Cum	3010.64	1392044.67
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.	

EE

Executive Engineer
Rural Jorks Department
Work Division, Trivenigani

Calculation of Seignlorage Fees

DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM MAHDIPUR BAZAR TO CHHATAPUR (BOARDER) CHHATAPUR

BLOCK 1

	SORNO	Sales In the Control of the Control	QTY	Tu	TIV	RAT	E	AMOUN	T
1	12.3	Technical Specification Sand		1	1		1		1
	AR	Providing & laying Brick Bat	0.00	1	Cum	116.8	35	0.00	
2	00	Providing and laying of Brick bat obtained from		+	-				
		Ichimney with machenical means with all and the		1			1		1
		Igraums to required slope and compacted as extending		- 1			1		1
		actiente required density with all complete as a set		1					1
1		direction of engineer in charge.		1		1		1	1
-		Brick Bats	-			-			
-		Labour filling empty cement bags with loocal sand,	0.0	0	Cum	103	2.00	0.0	0
П	5.7.40.1							1	1
		and EC bag etc. all complete as per approved desing, specification and direction of E/I				1			1
-		Sand	-		-	-			
7		Providing laying and filling Geo bags of size 1m X 0.7	- 0.	00	Cun	1	16.85	0	.00
									1
-						1			1
8	5.7.40.2		by			1			1
•	3.7.	generator stacking and placing and				1			1
			g						1
									1
_		(morading Garriage of Local sand lead 0.5 km)							1
_		Sand	-	0.0	1		110		
		Construction of granular sub-base by providing well	_	0.00	1 -	um	116.	85	00.0
		igiadod indiciidi. Spiesning in unifermi				1			1
/9	401	mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OM				1			1
		This compacting with Simpoin whool relies	C,		1	1		1	
		Table 4 Complete as per Tochelant	ve			1		1	1
		Opecification Clause 401.	1					1	1
		For Grading II Material (with Coarse Sand Screening	ng)		+			_	
		Unit = Cum	-	_	-		-		
		Taking output = 300 cum		-	-		-	-	
	}	Coarse graded granular sub-base material as per Table 400.2		-	-		+-		
		1 400.2						1	
		53 mm to 9.5mm @ 50 percent		1	00.08	Cum	1	16.42	92955.60
		9.5 mm to 2.36 mm @ 20 percent		1	72.00	Cum	_	411.33	29615.76
	 	2.36 mm below @ 30 percent (coarse Sand Screense Sand Scre	ening)	1	00.80	Cun	_	185.94	20081.52
		Cost for 300 cum = a Rate psr Cum = (a)/300					+		
		(a)/300		I		Cur	n		142652.88 475.51
		GSB Gr-II		4	462.38	Cu	m	475.51	219863.75
	-			+		-	I		219863.75
_		Seigniorage Fees @10% of Basic Amount		-		-	-	TOTAL	219863.75
							- 1	Say	21986.38

Jak betrozi

Executive Engineer Rural Jorks Department Mark Division Trivenigani