

# SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :- DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF ROAD FROM L053-T01 TO NARAHAIYA (VR8)

DIVISION :- TRIVENIGANJ

BLOCK :- CHHATAPUR

Actual Length of Road :- 2.585 Km

Flood Affected Length of Road :- 0.450 Km

Sr. No.	Description	Amount (In Rs.)
1	SAND BAG	-
2	BRICK BATS	1,155,741.01
3	EC BAG	-
4	GEO BAG	136,024.95
5	GRANULAR SUB BASE	-
6	HUME PIPE	431,444.33
	Total Cost =	1,723,210.29
	Add:-Labour Cess @1% amt. =	17,232.10
	Add:GST@12% on amt. =	206,785.23
	Add:S.F.@ 10% on Material =	90,000.00
	TOTAL RESTORATION COST OF THE PROJECT IN LACS	2,037,228

*[Signature]*  
15/6/22

Junior Engineer  
RWD (W) Division, Triveniganj

*[Signature]*  
15/06/2022

Assistant Engineer  
RWD (W) Division, Triveniganj

*[Signature]*  
15.6.22

Executive Engineer  
RWD (W) Division, Triveniganj

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dated-07/12/2021

(Technically sanctioned for supers - 2,037,228.00/-  
that is twenty lakh thirty seven thousand &  
two hundred and twenty eight supers)

*[Signature]*  
29/06/22

Superintending Engineer  
Rural Works Department  
Works Circle Madhe

## Index of Road

NAME OF ROAD :- DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF  
ROAD FROM L053-T01 TO NARAHAIYA (VR8)

DISTRICT :- SUPAUL  
BLOCK :- CHHATAPUR

Head :- F.D.R.


Year :- 2021-22

Actual Length of Road :- 2.585 Km

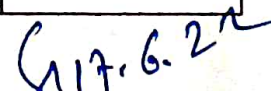
Flood Affected Length of Road :- 0.450 Km

TOTAL COST OF PAVEMENT :- ₹ 2,037,227.63

Sr. No.	Description	Page No.
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9	Photographs of Pre & Post Cuttings /Ditches	

  
15/6/22  
JE

  
15/06/2022  
A.E.

  
Executive Engineer  
Rural Works Department  
Work Division Triveniganj



## Calculation of Seigniorage Fees

DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF ROAD FROM L053-T01 TO NARAHAIYA  
OF ROAD :- (VR8)  
OCK :- CHHATAPUR

	SOR NO	DESCRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
1/1	12.3	Sand filling in Foundation Trenches as per Drawing & Technical Specification				
		Sand	0.00	Cum	116.85	0.00
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 acheive required density with all complete as per the direction of engineer in charge.				
		Brick Bats	601.05	Cum	1032.00	620283.60
3/7	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				
		Sand	0.00	Cum	116.85	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 0.07m <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)				
		Sand	60.00	Cum	116.85	7011.00
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 II 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
			#REF!	Cum	475.51	#REF!
		GSB Gr-II				#REF!
					TOTAL	#REF!
		Seigniorage Fees @10% of Basic Amount		Say		#REF!

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15/6/22  
Executive Engineer  
Rural Works Department  
Work Division, Triveniganj

# Estimate of Flood affected Road

NAME OF ROAD :- DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM L053-T01 TO NARAHAIYA (VR8) BLOCK :- CHHATAPUR

S.No	SOR NO	DESRPTION 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.	601.05	Cum	1922.87	1155741.01
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 0.07m <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)	790.00	Each	172.18	136024.95
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.	#REF!	Cum	3010.64	0.00
6	9.3	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Roww(1000mm Dia).	97.50	m	4425.07	431444.33
		Total			Rs.	1723210.29

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15/6/22

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*AE*  
15/6/2022  
AE

*h. 17.6.22*  
Executive Engineer  
Rural Works Department  
Work Division, Triveniganj



# Bill of Quantity

DETAILED ESTIMAE FOR TEMPORARY  
NAME OF ROAD :- RESTORATION OF ROAD FROM L053-T01 TO  
NARAHAIYA (VR8)

BLOCK :-

CHHATAPUR

DISTRICT :-

SUPAUL

S.No	SOR NO	DESCRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
1/1	301.5	Sand filling in Foundation Trenches as per Drawing & Technical Specification	0.00	Cum	549.11	0.00
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 acheive required density with all complete as per the direction of engineer in charge.	601.05	Cum	1922.87	1155741.01
3/3	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
4/4	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)	790.00	Each	172.18	136024.95
5/5	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.	#REF!	Cum	3010.64	0.00
6/6	9.3	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Row.	97.50	m	4425.07	431444.33
					Say	1723210.29
		Seigniorage Fees				90000.00
		Add @12% GST				206785.23
		Add @1% Lebour Cess				17232.10
						2037227.63
					Say	2037228.00

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*Signature*  
15/06/2021  
AE

**Executive Engineer**  
**Rural Works Department**  
**Work Division, Triveniganj**