

# SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :-

DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF ROAD  
FROM HOUSE OF YOJNA WORLD BANK ROAD BARMA COLONY  
HOTE HUE TO KISHAN YADAV KE GHAR TAK


DIVISION :- TRIVENIGANJ

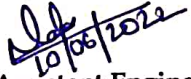
BLOCK :- CHHATAPUR

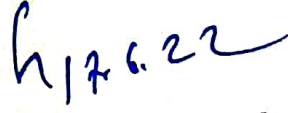
Actual Length of Road :- 1.530 Km

Flood Affected Length of Road :- 0.300 Km

Sr. No.	Description	Amount (In Rs.)
1	SAND BAG	-
2	BRICK BATS	1,168,143.53
3	EC BAG	-
4	GEO BAG	-
5	GRANULAR SUB BASE	-
6	HUME PIPE	-
	Total Cost =	1,168,143.53
	Add:-Labour Cess @1% amt. =	11,681.44
	Add:GST@12% on amt. =	140,177.22
	Add:S.F.@ 10% on Material =	62,694.00
	TOTAL RESTORATION COST OF THE PROJECT IN LACS	1,382,696

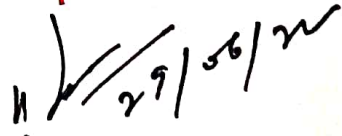
  
10/6/22  
Junior Engineer  
RWD (W) Division, Triveniganj

  
10/6/2022  
Assistant Engineer  
RWD (W) Division, Triveniganj  
Chhatapur

  
6/7/22  
Executive Engineer  
RWD (W) Division, Triveniganj

Vide letter no मसिरो 4 (मसिरो) दिविट (मसिरो) 23-291/2019-4849  
dt -07/12/2021

Technically sanctioned for supers 13,82,696.00 /-  
(that is Thirteen Lakh Eighty two thousand Six Hundred  
ninety six rupees only)

  
29/56/22  
Superintending Engineer  
Rural Works Department  
Works Circle Madhe

Details of Measurement							
कार्य का ह्यौरा Deatail of Work		संख्या No.	पेमाईस Measurement			मात्रा Quantity	
			लम्बाई in m.	चौड़ाई In m.	In m.		
NAME OF ROAD :-		DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF ROAD FROM HOUSE OF YOJNA WORLD BANK ROAD BARMA COLONY HOTE HUE TO KISHAN YADAV KE GHAR TAK					
Item No. 1	Sand filling in Foundation Trenches as per Drawing & Technical Specification						
CH:-in		1	0	0.000	0.40	0.000	
						0.000	
Item No. 2	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.						
CH:-in		2	30	3.75	0.30	68	
CH:-in		3	30	3.75	0.60	203	
CH:-in		5	30	3.75	0.60	338	
						608	
	Less For Pipe	0	22/7x(0.6)2x2.5 (-)			0	
			Total (in Cum)			608	
Item No. 3	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						
CH:-in		0	20	1.75	0.9	0.00	
			Total (in cum)			0.00	
	(0.034m3=1 no. of EC Bags)					0.00	
			Total (in nos.)			0.00	
Item No. 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)						
CH:-in		2	0	3.00	1.5	0.00	
						0.00	
	(0.076m3=1 no. of Geo Bags)					0.00	
			Total (in nos.)			0.00	
Item No. 5	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.(Gr-II Material)						
		4	0	3.2	0.160	0.00	
					Total (Cum)	0.00	
Item No. 6	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Row(1000mm Dia).						
	Ch.0.00km	1	0	2.5		0.00	
					Total (In m)	0.00	

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10/6/22  
AE

11/7/22

EE  
Executive Engineer  
Rural Works Department  
Work Division, Triveniganj



### Calculation of Seigniorage Fees

**DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF ROAD FROM HOUSE OF YOJNA WORLD**  
**NAME OF ROAD :- BANK ROAD BARMA COLONY HOTE HUE TO KISHAN YADAV KE GHAR TAK**  
**BLOCK :- CHHATAPUR**

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				
		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	607.50	Cum	1032.00	626940.00
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	0.00	Cum	116.85	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 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
			0.00	Cum	475.51	0.00
		GSB Gr-II				0.00
					TOTAL	626940.00
		Seigniorage Fees @10% of Basic Amount			Say	62694.00

*AP*  
10/6/22  
JE

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EE  
Executive Engineer  
Rural Works Department  
Work Division, Triveniganj

# Estimate of Flood affected Road

NAME OF ROAD :-

DETAILED ESTIMATE FOR TEMPORARY RESTORATION OF ROAD FROM  
HOUSE OF YOJNA WORLD BANK ROAD BARMA COLONY HOTE HUE  
TO KISHAN YADAV KE GHAR TAK

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.	607.50	Cum	1922.87	1168143.53
3	5.7.40.1	Labour filling empty cement bags with loocal 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	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	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	3010.64	0.00
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.	1168143.53

*AK*  
10/6/22

JE

*M. S. S. S.*  
10/6/2022

AE

*S. J. S. S.*

EE

Executive Engineer  
Rural Works Department  
Work Division, Trivenigani



## Bill of Quantity

NAME OF ROAD :- DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF  
ROAD FROM HOUSE OF YOJNA WORLD BANK ROAD  
BARMA COLONY HOTE HUE TO KISHAN YADAV KE GHAR  
TAK

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.	607.50	Cum	1922.87	1168143.53
3/3	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
4/4	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)	0.00	Each	172.18	0.00
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.	0.00	Cum	3010.64	0.00
6/6	9.3	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Row.	0.00	m	4041.99	0.00
					Say	1168143.53
		Seigniorage Fees				62694.00
		Add @12% GST				140177.22
		Add @1% Lebour Cess				11681.44
						1382696.18
					Say	1382696.00

EE

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