

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :-

DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF
ROAD FROM RANI PATTI 49 RD TO DIGAMBAR JHA KE
GHAR TAK


DIVISION :- TRIVENIGANJ


BLOCK :- CHHATAPUR

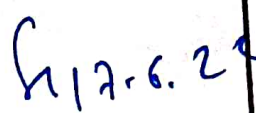
Actual Length of Road :- 2.000 Km

Flood Affected Length of Road :- 0.175 Km

Sr. No.	Description	Amount (In Rs.)
1	SAND BAG	-
2	BRICK BATS	476,404.50
3	EC BAG	-
4	GEO BAG	-
5	GRANULAR SUB BASE	-
6	HUME PIPE	181,889.62
	Total Cost =	658,294.12
	Add:-Labour Cess @1% amt. =	6,582.94
	Add:GST@12% on amt. =	78,995.29
	Add:S.F.@ 10% on Material =	25,568.52
	TOTAL RESTORATION COST OF THE PROJECT IN LACS	769,441



15/6/22
Junior Engineer
RWD (W) Division, Triveniganj


15/06/22
Assistant Engineer
RWD (W) Division, Triveniganj


17.6.22
Executive Engineer
RWD (W) Division, Triveniganj

Vide Letter No 381-4 (मुब) विविध (कार्य) 23-29/1/2019-4848
dt 07/12/2021

Technically sanctioned for Rs 7,69,441.00/- (Rupees
(Seven lakh, sixty nine thousand, four hundred
fourty one rupees only)


29/6/22
Superintending Engineer
Rural Works Department
Works Circle, Madhya Pradesh

Details of Measurement							
कार्य का ब्यौरा Deatail of Work		संख्या No.	Measurement			मात्रा Quantity	
			लम्बाई in m.	चौड़ाई In m.	In m.		
NAME OF ROAD :-		DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF ROAD FROM RANI PATTI 49 RD TO DIGAMBAR JHA KE GHAR TAK					
Item No. 1	Sand filling in Foundation Trenches as per Drawing & Technical Specification						
CH:-in .		1	0	4.200	0.40	0.000	
			0			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		4	25	3.200	0.400	128.000	
CH:-in		1	25	3.200	0.300	24.000	
CH:-in		2	25	8.500	0.345	146.625	
						298.625	
Less For Pipe		18	22/7x(0.6)2x2.5 (-)			50.868	
			Total (in Cum)			247.757	
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)						
		1	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		6	3	2.5		45.00	
			Total (in m)			45.00	

AP
15/6/22
JE

15/06/2022
AE

S. K. 17.6.22
EE
Executive Engineer
Rural Works Department
Work Division, Triveniganj

Estimate of Flood affected Road

NAME OF ROAD :- DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF ROAD FROM RANI PATTI 49 RD TO DIGAMBAR JHA 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.	247.76	Cum	1922.87	476404.50
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 0.07m 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.	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).	45.00	m	4041.99	181889.62
		Total			Rs.	658294.12

AK
15/6/2022
JE

Aditya
15/06/2022
AE

H. P. G. 21
EE

Executive Engineer
Rural Works Department
Work Division, Trivanigarj

Calculation of Seigniorage Fees

DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF ROAD FROM RANI PATTI 49 RD TO
NAME OF ROAD :- DIGAMBAR JHA 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	247.76	Cum	1032.00	255685.22
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 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)				
		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	255685.22
		Seigniorage Fees @10% of Basic Amount			Say	25568.52

JE

AE

EE

Executive Engineer
Rural Works Department
Work Division, Triveniganj