

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :-

DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF
ROAD FROM BSARIYA PUL SE MD GANJ SIMA HOUSE OF
RAVION THAKUR


DIVISION :- TRIVENIGANJ

BLOCK :- CHHATAPUR

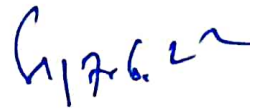
Actual Length of Road :- 2.700 Km

Flood Affected Length of Road :- 0.400 Km

Sr. No.	Description	Amount (In Rs.)
1	SAND BAG	-
2	BRICK BATS	1,044,887.56
3	EC BAG	-
4	GEO BAG	-
5	GRANULAR SUB BASE	-
6	HUME PIPE	121,259.74
	Total Cost =	1,166,147.30
	Add:-Labour Cess @1% amt. =	11,661.47
	Add:GST@12% on amt. =	139,937.68
	Add:S.F.@ 10% on Material =	56,078.88
TOTAL RESTORATION COST OF THE PROJECT IN LACS		1,373,825

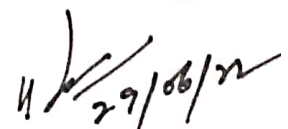

10/6/22
Junior Engineer
RWD (W) Division, Triveniganj


19/06/2022
Assistant Engineer
RWD (W) Division, Triveniganj


Executive Engineer
RWD (W) Division, Triveniganj

Vide Letter नुं ममिं 4 (नं) विविज (नं) 23-291/2019-2
dt-07/12/2021

Technically sanctioned for supers 13,73,825.00/-
(that is thirteen lakh seventy three thousand eight
Hundred twenty five supers only.)


29/06/22
Superintending Engineer
Rural Works Department
Works Circle Madher

Details of Measurement									
कार्य का ब्यौरा Deatall of Work				संख्या No.	पैमाईस			मात्रा Quantity	
					लम्बाई in m.	चौड़ाई In m.	In m.		
NAME OF ROAD :-		DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF ROAD FROM BSARIYA PUL SE MD GANJ SIMA HOUSE OF RAVION THAKUR							
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.								
				5	30	3.8	0.5	253.1	
				5	30	3.8	0.3	168.8	
				5	30	1.5	0.3	67.5	
CH:-in				5	30	1.2	0.3	54.0	
								543.4	
				Total (in Cum)				543.4	
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)								
				Total (Cum)					
Item No. 6	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Row(1000mm Dia).								
Ch.0.00km				4	3	2.5		30.00	
				Total (in m)				30.00	

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16/6/2022
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Signature
E.E
Executive Engineer
Rural Works Department
Work Division, Triveniganj

Estimate of Flood affected Road

NAME OF ROAD :- DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF ROAD FROM BSARIYA PUL SE MD GANJ SIMA HOUSE OF RAVION THAKUR 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.	543.40	Cum	1922.87	1044887.56
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 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).	30.00	m	4041.99	121259.74
		Total			Rs.	1166147.30

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Executive Engineer
Rural Works Department
Work Division, Triveniganj

Bill of Quantity

NAME OF ROAD :- DETAILED ESTIMAE FOR TEMPORARY
RESTORATION OF ROAD FROM BSARIYA PUL SE
MD GANJ SIMA HOUSE OF RAVION THAKUR

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.	543.40	Cum	1922.87	1044887.56
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)	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.	30.00	m	4041.99	121259.74
					Say	1166147.30
		Seigniorage Fees				56078.88
		Add @12% GST				139937.68
		Add @1% Lebour Cess				11661.47
						1373825.33
					Say	1373825.00

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Executive Engineer
Rural Works Department
Work Division, Triveniganj

Calculation of Seigniorage Fees

DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF ROAD FROM BSARIYA PUL SE MD
NAME OF ROAD :- GANJ SIMA HOUSE OF RAVION THAKUR
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	543.40	Cum	1032.00	560788.80
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 0.07m3. 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)				
		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	560788.80
		Seigniorage Fees @10% of Basic Amount			Say	56078.88

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16/6/2022

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Executive Engineer
Rural Works Department
Work Division, Trivenigani