

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :-

DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF
ROAD FROM 31 NO SADAK LAXMAN MEHTA KE GHAR
HOTE HUYE TO MD. GANJ HOTE SIMA SADAK TAK

DIVISION :- TRIVENIGANJ

BLOCK :- CHHATAPUR

Actual Length of Road :- 1.600 Km

Flood Affected Length of Road :- 0.230 Km

Sr. No.	Description	Amount (In Rs.)
1	SAND BAG	-
2	BRICK BATS	559,555.17
3	EC BAG	-
4	GEO BAG	271,705.53
5	GRANULAR SUB BASE	-
6	HUME PIPE	242,519.49
	Total Cost =	1,073,780.19
	Add:-Labour Cess @1% amt. =	10,737.80
	Add:GST@12% on amt. =	128,853.62
	Add:S.F.@ 10% on Material =	31,433.40
TOTAL RESTORATION COST OF THE PROJECT IN LACS		1,244,805.0

AKP
10/6/22

Junior Engineer
RWD (W) Division, Triveniganj

Delegation
10/6/22

Assistant Engineer
RWD (W) Division, Triveniganj

Signature
10/6/22

Executive Engineer
RWD (W) Division, Triveniganj

Vide letter no 4 (MD) dated (MD) 23-24/12/2019-484
dt-07/12/2021

Technically sanctioned for rupees 12,44,805.00
(that is twelve lakh forty four thousand and
eight hundred and five rupees only)

Signature
29/06/22

Superintending Engineer
Rural Works Department
Works Circle Marher

Details of Measurement									
कार्य का ब्यौरा Deatail of Work			संख्या No.	पैमाईस Measurement				मात्रा	
				लम्बाई in m.		चौड़ाई In m.	In m.		
NAME OF ROAD :-		DETAILED ESTIMAE FOR TEMPORRY RESTORATION OF ROAD FROM 31 NO SADAK LAXMAN MEHTA KE GHAR HOTE HUYE TO MD. GANJ HOTE SIMA SADAK 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			5	30		3.200	0.300	144.000	
CH:-in			1	30	(8+6)/2	7.000	0.300	63.000	
CH:-in			2	25		5.600	0.300	84.000	
								291.000	
			Total (in Cum)						
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	40		1.00	1.5	120.00	
									120.00
(0.076m3=1 no. of Geo Bags)									1578.95
			Total (in nos.)						1578.00
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)								
			3	0		3.75	0.150	0.0000	
			Total (Cum)						0.000
Item No. 6	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Row(1000mm Dia).								
Ch.in			2	3		2.5		15.00	
			2	3		2.5		15.00	
			2	3		2.5		15.00	
			2	3		2.5		15.00	
			Total (in m)						60.00

AP
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AE

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17-62

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
 31 NO SADAK LAXMAN MEHTA KE GHAR HOTE HUYE TO MD. GANJ
 HOTE SIMA SADAK 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.	291.00	Cum	1922.87	559555.17
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)	1578.00	Each	172.18	271705.53
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.	0.000	Cum	3010.64	0.00
6	9.3	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Roww(1000mm Dia).	60.00	m	4041.99	242519.49
		Total			Rs.	1073780.19


 10/6/22
 JE


 10/6/2022
 AE


 EE
 Executive Engineer
 Rural Works Department
 Work Division, Triveniganj

Bill of Quantity

NAME OF ROAD :- DETAILED ESTIMAE FOR TEMPORARY
RESTORATION OF ROAD FROM 31 NO SADAK
LAXMAN MEHTA KE GHAR HOTE HUYE TO MD.
GANJ HOTE SIMA SADAK 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.	291.00	Cum	1922.87	559555.17
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)	1578.00	Each	172.18	271705.53
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.	60.00	m	4041.99	242519.49
		Seigniorage Fees			Say	1073780.19
		Add @12% GST				31433.40
		Add @1% Lebour Cess				128853.62
						10737.80
						1244805.02
					Say	1244805.00

EE
Executive Engineer
Rural Works Department
Work Division, Trivenigani