

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :-


DETAILED ESTIMAE FOR TEMPORARY RESTORATION OF
ROAD FROM NEAR HOUSE OF BISWANATH THAKUR TO
BRAHMAN TOLA PRATAPGANJ PRIYAH ROAD LALGANJ

DIVISION :- TRIVENIGANJ

BLOCK :- CHHATAPUR

Flood Affected Length of Road :- 0.660 Km

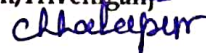
Sr. No.	Description	Amount (In Rs.)
1	SAND BAG	-
2	BRICK BATS	-
3	EC BAG	-
4	GEO BAG	-
5	GRANULAR SUB BASE	1,016,091.00
6	HUME PIPE	-
	Total Cost =	1,016,091.00
	Add:-Labour Cess @1% amt. =	10,160.91
	Add:GST@12% on amt. =	121,930.92
	Add:S.F.@ 10% on Material =	16,048.45
	TOTAL RESTORATION COST OF THE PROJECT IN LACS	1,164,231

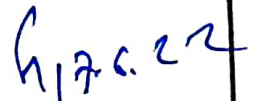

15/6/22

Junior Engineer
RWD (W) Division, Triveniganj


15/06/2022

Assistant Engineer
RWD (W) Division, Triveniganj

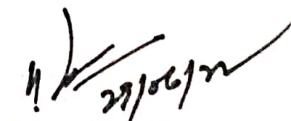

Chhatapur


15/6/22

Executive Engineer
RWD (W) Division, Triveniganj

Vide letter नुं अमि-4 (सुव) विविध (कार्य) -23-29/2019-4849
dt 07/12/2021

Technically sanctioned for Rs 1164231.00/-
(Eleven lakh sixty four thousand two hundred thirty one only)


29/06/22
Superintending Engineer
Rural Works Department
Works Circle, Madhe

Details of Measurement

कार्य का ब्योरा Deatail of Work		संख्या No.	Measurement			मात्रा Quantity
			लम्बाई in m.	चौड़ाई In m.	In m.	
NAME OF ROAD :-		DETAILED ESTIMATE FOR TEMPORARY RESTORATION OF ROAD FROM NEAR HOUSE OF BISWANATH THAKUR TO BRAHMAN TOLA DDATADGANI BDIYAH ROAD LAICANI				
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	0	3.750	0.150	0.000
CH:-in		2	0	3.750	0.150	0.000
						0.000
			Total (in Cum)			0.000
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	1.20	0.6	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					
		4	30	3.75	0.150	67.5000
		3	30	3.75	0.150	50.6250
		8	25	3.00	0.150	90.0000
		4	25	3.00	0.150	45.0000
		5	30	3.75	0.150	84.3750
			Total (Cum)			337.500
Item No. 6	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Row(1000mm Dia).					
Ch.0.00km		4	0	2.5		0.00
			Total (in m)			0.00

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13/06/2022

Executive Engineer
Rural Works Department
Work Division, Triveniganj

Estimate of Flood affected Road

NAME OF ROAD :-

NEAR HOUSE OF BISWANATH THAKUR TO BRAHMAN TOLA
PRATAPGANJ PRIYAH ROAD LALGANJ

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.	0.00	Cum	1922.87	0.00
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 0.07m3. 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.	337.500	Cum	3010.64	1016091.00
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.	1016091.00

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Signature
Executive Engineer
Rural Works Department
Work Division, Triveniganj

Calculation of Seigniorage Fees

**DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM NEAR HOUSE OF
NAME OF ROAD :- BISWANATH THAKUR TO BRAHMAN TOLA PRATAPGANJ PRIYAH ROAD LALGANJ
BLOCK :- CHHATAPUR**

S.No	SOR NO	DESRPTION 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	0.00	Cum	1032.00	0.00
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 0.07m3. 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
			337.50	Cum	475.51	160484.49
		GSB Gr-II				160484.49
					TOTAL	160484.49
		Seigniorage Fees @10% of Basic Amount			Say	16048.45

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Signature

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