## SUMMARY OF COST ESTIMATE FOR THE PROJECT

DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD

FROM HOUSE OF YOJNA WORLD BANK ROAD BARMA COLONY

HOTE HUE TO KISHAN YADAV KE GHAR TAK NAME OF ROAD :-

> TRIVENIGANJ DIVISION:-

**CHHATAPUR** BLOCK:-

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
<u>, ,,                                 </u>	Add:GST@12% on amt. =	140,177.22
<del>`</del> `	Add:S.F.@ 10% on Material =	62,694.00
	TOTAL RESTORATION COST OF THE PROJECT IN LACS	1,382,696

**Junior Engineer** RWD (W) Division, Triveniganj **Assistant Engineer** 

**Executive Engineer** 

RWD (W) Division, Triveniganj F RWD (W) Division, Triveniganj

(DN) 23-291 2019-4849 Vide letter to Hots 4 (to) falau all -07/12/2021

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nintysix suspens only)

Superintending Engineer **Rural Works Department** Works Circle Madher

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		<b>पै</b> माईस						
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Executive Engineer
Rural Jorks Department
Work Division, Trivenigani

## Calculation of Seigniorage Fees

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

CHHATAPUR BLOCK :-

No.	SOR NO	DESRIPTION 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 machenical means with all spreading, grading to				
		required slope and compacted at OMC to acheive				
- 1		required density with all complete as per the direction				
		of engineer in charge.	607.50	Cum	1032.00	626940.00
		Brick Bats	607.50	Cum	1032.00	020940.00
3/7	5.7.40.1	Labour filling empty cement bags with loocal sand, stitching the bags and placing including supply of sutil 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.			7	
		For Grading II Material (with Coarse Sand Screening)				71-17
		Unit = Cum				
		Taking output = 300 cum				194
	<u> </u>	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
	1	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	1	1	1	0.00
				+	TOTAL	626940.00
		Seigniorage Fees @10% of Basic Amount		1	Say	62694.00

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Executive Engineer
Rural Jorks Department Work Division, Trivenigani

## **Estimate of Flood affected Road**

NAME OF ROAD :- HOUSE OF YOUNA WORLD BANK ROAD BARMA COLONY HOTE HUE BLOCK :-TO KISHAN YADAV KE GHAR TAK

CHHATAPUR

.No	SOR NO	DESRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
-	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 machenical 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 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.	0.00	Cum	3010.64	0.00
6	9.3	Providing and Laying Reinforced Cement Concrete Pipe NP3 a per design in Single Roww(1000mm Dia).	0.00	m	4041.99	0.00
		Total		15	Rs.	1168143.53

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## **Bill of Quantity**

DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM HOUSE OF YOJNA WORLD BANK ROAD BANK ROAD HOTE HUE TO KISHAN YADAV KE GHAR

BLOCK :-

CHHATAPUR

DISTRICT :-

SUPAUL

	SOR NO	DESRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
No 1/1	301.5	Sand filling in Foundation Trenches as per Drawing & Technical Specification	0.00	Cum	549.11	0.00
	A/R	Providing & laying Brick Bat				
2/2		Providing and laying of Brick bat obtained from chimney with machenical 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 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.	0.00	m	4041.99	0.00
		-1			Say	1168143.53
	1	Seigniorage Fees	1			62694.00
		Add @12% GST				140177.22
		Add @1% Lebour Cess				11681.44
						1382696.18
					Say	1382696.00

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Executive Engineer
Rural /orks Department Work Division, Trivenigani