SUMMARY OF COST ESTIMATE FOR THE PROJECT

DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF

NAME OF ROAD :- ROAD FROM NEAR HOUSE OF BISWANATH THAKUR TO

BRAHMAN TOLA PRATAPGANJ PRIYAHI 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

AP 1516122

Junior Engineer RWD (W) Division, Triveniganj Jelos 200 7

Assistant Engineer
RWD (W) Division, Triveniganj
Challetpur

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Executive Engineer RWD (W) Division, Triveniganj

Vide letter 40 810-4 (450) (alar (2012)-23-291/2019-4849

Technically sometioned for Rg 1164231.001 (Eleven lake sindy four thousand two fundred thirty one only)

Superintending Engineer
Rural Works Department
Vorks Circle Madher

			Det	ails o	f Mea	surem	ent					
						संख्या Measurement				4.		
	कार्य का ब्यौरा Deatail of Work			No.	लम्बाइ चार in m. In				मात्रा Quantity			
NAME OF RO	DAD :-	DETAI N	EAR HOU					TO BRA	IIMA	N TOLA	IMOM	
tem No. 1	Sand filling	g in Foundat	ion Trenche	es as per	Drawing 8	R Technica	I Specific	ation	A.N.I.			
CH:-in .				— Т		1	Τ ο	0.00	20	0.40	0.000	
							<u> </u>	1 0.00	00	0.40	0.000	
	spreading	and laying o , grading to te as per th	required slo	pe and c	ompacted	at OMC to				with	0.000	
CH:-in			o dii colloii v	or cridino	CI III Oligis	2	0	3.7	50	0.150	0.000	
CH:-in						2	0	3.7	50	0.150	0.000	
											0.000	
									tal (in (, ,	0.000	
	Labour fill supply of a	ing empty c sutli and EC of F/I	ement bags bag etc. a	s with loo Il comple	cal sand, te as per	stitching that approved of	ne bags an desing, sp	nd placing ecificatio	g includ n and	ing		
CH:-in						0	20		.75	0.9	0.00	
	10.001						Tot	al (in cun	ר)		0.00	
	(0.034m3	=1 no. of E	C Bags)					tal (in nos			0.00	
tem No. 4	of bags 4 including stacking	naying and 20g volume stitching in and placing ete as per s	of filled ba four lines b after loadir	g 0.07m3 by approving unload	B. weight of ed nylon thing and ca	of filled Ge hread with arriage wit	o bags 12 stitching h help of	26 Kg with machine trolley wit	n local s and ge hin 150	and nerator m lead		
CH:-in	0.0/		华沙	42		2	0)	1.20	0.6	0.00	
			100	N. Y. S.							0.00	
	(0.076m3	=1 no. of G	eo Bags)									
						Total (in nos.)						
Item No. 5	uniform l by mix in	ction of grand layers with the place method achieve the	tractor mounded	nted grad avator a	ler arrang t OMC, ar	ement on nd compac	material, prepared cting with nical Spe	spreading surface, smooth cification	g in mixing wheel Clause			
. * * H				E -		4		30	3.75	0.150	67.500	
	-					3		30	3.75	0.150	50.625	
				6		8		25	3.00	0.150	90.000	
						4		25	3.00	0.150	45.000	
	V.	+						30	3 75	0.450	84 275	
	Trafful III					5		30	3.75 T	0.150	84.375	
Item No. 6		ig and Layir		ed Ceme	nt Concre				Т	otal (Cum		
Item No. 6	Row(10	ig and Layir 00mm Dia).		ed Ceme	nt Concre		P3 as per		Т	otal (Cum		

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Executive Engineer
Rural Jorks Department
Work Division, Trivenigani

Estimate of Flood affected Road

NAME OF ROAD :-

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

BLOCK :-

CHHATAPUR

S.No	SORNO	DESRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
3.10	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.	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
	401 m	Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, nixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the lesired density, complete as per Technical Specification lause 401.	337.500	Cum	3010.64	1016091.00
	as	oviding and Laying Reinforced Cement Concrete Pipe NP3 per design in Single Roww(1000mm Dia).	0.00	m	4041.99	0.00
	To	otal			Rs.	1016091.0

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Executive Engineer
Rural Jorks Department
Work Division, Trivenigani

Calculation of Seigniorage Fees

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

BL	OCK :-	CHHATAPUR						AMOUNT
	COR NO	NESCRIPTION OF ITEMS	QTY	UNI	T	RAT	E	AMOUNT
No	SOR NO	Sand filling in Foundation Trenches as per Drawing &						
1/1	12.3	Technical Specification	0.00	C	um	116.8	5 .	0.00
	4.7D	Sand Providing & laying Brick Bat						
2/2	A/R						- 1	
		Providing and laying of Brick bat obtained from					1	1
		chimney with machenical means with all spreading,		1			1	1
		grading to required slope and compacted at OMC to			1			
		acheive required density with all complete as per the		-			1	1
		direction of engineer in charge.				1032	00	0.00
\neg		Brick Bats	0.00	1-9	Cum	1032	.00	0.00
\neg		Labour filling empty cement bags with loocal sand,		1			1	
3/7	5.7.40.1	stitching the bags and placing including supply of sutli		1			1	1
3. 7		and EC bag etc. all complete as per approved desing,		- 1				
		specification and direction of E/I Sand	0.0	0	Cum	116	.85	0.00
-								
		Providing, laying and filling Geo bags of size 1m X 0.7 m(Type A 300 GSM nonwoven) weight of bags 420g					1	
		volume of filled bag 0.07m3. weight of filled Geo bags						
		126 Kg with local sand including stitching in four lines by	٧l	- 1			1	
4/8	5.7.40.2	approved nylon thread with stitching machine and					1	
		generator stacking and placing after loading unloading						
		and carriage with help of trolley within 150m lead all					1	
		complete as per specifications and direction of E/I					1	
		(including Carriage of Local sand lead 0.5 km)		_		1		
		Sand	0.	00	Cum	11	6.85	0.00
		Construction of granular sub-base by providing well					1	
		graded material, spreading in uniform layers with tractor	or	1				
5/9	401	mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC,	-			1		
3/9	401	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	1	80.00	C	_	516.42	02055.00
	1	53 mm to 9.5mm @ 50 percent	-	72.00 Cum		_	411.33	92955.60 29615.76
		9.5 mm to 2.36 mm @ 20 percent			+	_		
	 	2.36 mm below @ 30 percent (coarse Sand Screeni	ng)	08.00	Cu	ım	185.94	
		Cost for 300 cum = a						142652.88
	1 %	Rate psr Cum = (a)/300				ım		475.51
				337.5	0 C	um	475.51	160484.49
7	HOW A	GSB Gr-II						160484.4
							TOTA	L 160484.4
		Seigniorage Fees @10% of Basic Amount					Say	16048.4

Executive Engineer Rural Jorks Department Work Division, Trivenigani