SUMMARY OF COST ESTIMATE FOR THE PROJECT

DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF

ROAD FROM GULAB CHAND MUKHIA HOUSE TO MULLAH NAME OF ROAD :-

TOLA

TRIVENIGANJ DIVISION :-

CHHATAPUR BLOCK :-

Flood Affected Length of Road :-0.375 Km

Sr. No.	Description	Amount (In Rs.)
1	SAND BAG	150,731.9028
2	BRICK BATS	519,174.90
3	EC BAG	127,437.38
4	GEO BAG	-
5	GRANULAR SUB BASE	-
6	HUME PIPE	-
	Total Cost =	797,344.18
	Add:-Labour Cess @1% amt. =	7,973.44
THINI CO	Add:GST@12% on amt. =	95,681.30
	Add:S.F.@ 10% on Material =	32,473.73
394	TOTAL RESTORATION COST OF THE PROJECT IN LACS	933,473

Junior Engineer RWD (W) Division, Triveniganj

Assistant Engineer RWD (W) Division, Triveniganj

Executive Engineer RWD (W) Division, Triveniganj

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Technically Sanctioned for reupers 9,33,473.00/

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Seventy three Rupers vorly

Superintending Engineer **Aural Works Department** Works Circle Madher

			Details of N			पैमाईस		
				संख्या	तम्बाई	चौड़ाई	ऊँचाई	मात्रा
	कार्य Deata	का ब्यौरा il of Work		No.	in m.	In m.	In m.	Quantity
			ESTIMAE FOR	TEMPO P	PESTO	RATION	OF ROAD FR	OM
		DETAILED	ESTIMAE FOR GULAB CHAND	TEMPROR	MISE TO	MULLA	LTOLA	
NAME OF RO	AD :-	(GULAB CHAND	MUKHIA H	Specification	n		
Item No. 1 IS	and filling in	Foundation Tre	enches as per Drawi	ng & Technical	Specification			
item No. 1							(0.6+0.2)/2	90.000
				5	30	1.500	(0.6+0.2)/2	90.000
CH:-in .				5	30	1.500	(0.9+1.2)/2	94.500
CH:-in .				2	30	1.500	(0.5+1.2)/2	274.500
CH:-in .					1 1	nong with a	II enreading	2111000
100	rading to red	illired slope and	bat obtained from c	himney with ma C to achelve red	uired densi	ity with all c	omplete as	
pe	er the directi	on of engineer i	n charge.	5	25	1.200	0.600	90.000
CH:-in					25	1.200	0.600	90.000
CH:-in				5	25	1.200	0.600	90.000
CH:-in				5	25	1.200	1 5.555	270.000
			71			0.00-0.5	(-)	0.000
		Le	ess For Pipe	0	22//x	(0.6)2x2.5		
			pags with loocal san				(in Cum)	270.000
H:-in	sutil and EC	, bag etc. all co	implete as per appr	2	50	2	0.6	120.00
					lota	l (in cum)		3529.41
(0.	034m3=1 n	o. of EC Bags)			1.0		3530.00
ý					lota	l (in nos.)		5550.00
em No. 4							woight of	}
Pro	oviding, layir	ig and filling Ge	eo bags of size 1m ng 0.07m3. weight o	X U. / m(Type /	126 Kg y	nonwoven	and including	
bag	gs 420g vol	ume of filled ba	oved nylon thread v	with stitching m	achine and	generator	stacking and	l .
15111	cing after lo	i lilies by apple	oved hylon timead v	in suching in	aoriirio arra	gonorate	amanlata da	
nla		nadina unioadin	g and carriage with	help of trolley	within 150r	n lead all c	ompiete as	
pla	specification	pading unloadir	ng and carriage with	help of trolley Carriage of Loc	within 150r cal sand lea	n lead all c ad 0.5 km)	ompiete as	71 * å
pla per	specification	ons and direction	ng and carriage with on of E/I (including	Carriage of Loc	within 150r cal sand lea 0	n lead all c ad 0.5 km) 3.00	1.5	0.00
pla per	specification	ons and direction	ng and carriage with	help of trolley Carriage of Loo	cal sand lea	d 0.5 km)		
pla per H:-in	specification	ons and direction	on of E/I (including	Carriage of Loc	cal sand lea	d 0.5 km)		0.00
pla per H:-in	specification	ons and directions of Geo Bags	on of E/I (including	Carriage of Loc	cal sand lea	ad 0.5 km) 3.00		0.00
pla per H:-in	specification	ons and direction	on of E/I (including	Carriage of Loc	cal sand lea	d 0.5 km)		0.00
pla per H:-in (0.0	specification	ons and directions	on of E/I (including	Carriage of Loc	cal sand lea	3.00 al (in nos.)		
pla per H:-in (0.0	76m3=1 no	ons and direction. o. of Geo Bags of granular sub-	on of E/I (including	Carriage of Loc 2 well graded ma	Total	3.00 al (in nos.)	1.5	0.00
m No. 5 Corunit	76m3=1 no	ons and direction o. of Geo Bags of granular subwith tractor modernmethod with r	base by providing vounted grader arrar otavator at OMC,	Carriage of Loc 2 well graded management on preand compactin	Total sterial, spre epared surfig with smo	al (in nos.) ading in ace, mixing oth wheel	1.5	0.00
m No. 5 Cor unit by r	76m3=1 nonstruction of form layers mix in place er to achiev	ons and direction o. of Geo Bags of granular subwith tractor modermethod with rector modermethod wit	base by providing bunted grader arrar	Carriage of Loc 2 well graded management on preand compactin	Total sterial, spre epared surfig with smo	al (in nos.) ading in ace, mixing oth wheel	1.5	0.00
m No. 5 Cor unit by r	76m3=1 no	ons and direction o. of Geo Bags of granular subwith tractor modermethod with rector modermethod wit	base by providing vounted grader arrar otavator at OMC,	Carriage of Loc 2 well graded management on preand compactin	Total sterial, spre epared surfig with smo	al (in nos.) ading in ace, mixing oth wheel	1.5	0.00
m No. 5 Cor unit by r	76m3=1 nonstruction of form layers mix in place er to achiev	ons and direction o. of Geo Bags of granular subwith tractor modermethod with rector modermethod wit	base by providing vounted grader arrar otavator at OMC,	Carriage of Loc 2 well graded management on preand compactin	Total sterial, spre epared surfig with smo	al (in nos.) ading in ace, mixing oth wheel	1.5	0.00
m No. 5 Cor unit by r	76m3=1 nonstruction of form layers mix in place er to achiev	ons and direction o. of Geo Bags of granular subwith tractor modermethod with rector modermethod wit	base by providing vounted grader arrar otavator at OMC,	vell graded management on preand compaction as per Technic	Total sand lead of the	ad 0.5 km) 3.00 al (in nos.) ading in ace, mixing oth wheel ation Claus	1.5 e 0.160	0.00
m No. 5 Cor unit by r rolle	76m3=1 nonstruction of form layers mix in place er to achiev(Gr-II Mate	ons and directions on Geo Bags f granular subwith tractor more method with reterior ethological of the desired derial)	base by providing outled grader arrar otavator at OMC, density, complete a	well graded management on preand compacting as per Technic	Total sterial, spre epared surfig with smo	al (in nos.) ading in ace, mixing oth wheel ation Claus	1.5 e 0.160 Total (Cur	0.00
m No. 5 Corunit by rolls 401	76m3=1 nonstruction of form layers mix in place er to achiev(Gr-II Mate	ons and direction o. of Geo Bags of granular subwith tractor modernation with rector modernation with rector modernation with rector desired (erial) Laying Reinford	base by providing vounted grader arrar otavator at OMC,	well graded management on preand compacting as per Technic	Total sterial, spre epared surfig with smo	al (in nos.) ading in ace, mixing oth wheel ation Claus	1.5 e 0.160 Total (Cur	0.00
m No. 5 Corunit by rolls 401	76m3=1 nonstruction of form layers mix in place er to achieve. (Gr-II Material widing and I	ons and direction o. of Geo Bags of granular subwith tractor modernation with rector modernation with rector modernation with rector desired (erial) Laying Reinford	base by providing vounted grader arrar otavator at OMC, density, complete a code Cement Concrete Concr	well graded management on presand compaction as per Technic	Total sand lead of the	al (in nos.) ading in ace, mixing oth wheel ation Claus gn in Singl	e 0.160 Total (Curre	0.00 0.00 0.00 0.00
m No. 5 Corunit by rolls 401	76m3=1 nonstruction of form layers mix in place er to achieve. (Gr-II Material widing and I	ons and direction o. of Geo Bags of granular subwith tractor modernation with rector modernation with rector modernation with rector desired (erial) Laying Reinford	base by providing outled grader arrar otavator at OMC, density, complete a	well graded management on preand compacting as per Technic	Total sterial, spre epared surfig with smo	al (in nos.) ading in ace, mixing oth wheel ation Claus	e 0.160 Total (Curre	0.00 0.00 0.00 0.00 n) 0.00

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Office from

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Executive Engineer
Rural Vorks Department
Work Division, Trivenigan

Calculation of Seigniorage Fees

DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM GULAB CHAND MUKHIA

NAME OF ROAD :- HOUSE TO MULLAH TOLA

CHHATAPUR BLOCK :-

S.No	SOR NO	DESRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
1/1	12.3	Sand filling in Foundation Trenches as per Drawing &				1
		Technical Specification	274.50	Cum	116.85	32075.33
2/2	A/R	Sand Providing & laying Brick Bat				
	TOK -	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	i
		required density with all complete as per the direction				
		of engineer in charge.		-	4000.00	270040.00
		Brick Bats	270.00	Cum	1032.00	278640.00
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	120.00	Cum	116.85	14022.00
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)				70.7
		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)			B	
		Unit = Cum			A La Sala	
	_	Taking output = 300 cum				
	Star A.	Coarse graded granular sub-base material as per Table 400.2				
i	ja e	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)	108.0	0 Cum	185.94	20081.52
		Cost for 300 cum = a			•	142652.88
		Rate psr Cum = (a)/300		Cum	1	475.51
			0.00		475.51	0.00
$-\Gamma$		GSB Gr-II			1	0.00
			1	+	TOTAL	324737.33
		Seigniorage Fees @10% of Basic Amount			Say	324737.33

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Executive Engineer Rural Jorks Department Work Division, Triveniganj

Estimate of Flood affected Road

NAME OF ROAD :- DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM BLOCK :- GULAB CHAND MUKHIA HOUSE TO MULLAH TOLA

CHHATAPUR

S.No	SOR NO	DESRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
1	301.5	Sand filling in Foundation Trenches as per Drawing & Technical Specification	274.50	Cum	549.11	150731.90
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.	270.00	Cum	1922.87	519174.90
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	3530.00	nos.	36.10	127437.38
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
	93 1	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Roww(1000mm Dia).	0.00	m	4041.99	0.00
1]	Fotal		19.7	Rs.	797344.18

Executive Engineer Rural Jorks Department Work Division, Trivenigani

Bill of Quantity

DETAILED ESTIMAE FOR TEMPRORY

NAME OF ROAD :- RESTORATION OF ROAD FROM GULAB CHAND
MUKHIA HOUSE TO MULLAH TOLA

BLOCK :-

CHHATAPUR

DISTRICT :-

SUPAUL

	I	DESRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
.No	301.5	Sand filling in Foundation Trenches as per Drawing &	274.50	Cum	549.11	150731.90
1/1	301.5	Technical Specification				
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 required density with all complete as per the direction of engineer in charge.	270.00	Cum	1922.87	519174.90
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	3530.00	nos.	36.10	127437.38
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
					Say	797344.18
		Seigniorage Fees				32473.73
		Add @12% GST		g - 8		95681.30
_		Add @1% Lebour Cess			1 12	7973.44
_					G.	933472.66
	No.				Say	933473.00

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Executive Engineer
Rural Yorks Department
Work Division, Trivenigan