SUMMARY OF COST ESTIMATE FOR THE PROJECT

DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD

FROM JADIYA BALUA PATH SHW SE PURAB SWASTHYA UP

NAME OF ROAD: KENDRA P.O. SE PURAB TO MADHOPUR PANCHAYAT SIMA TAK

VIA CHAUHAN, MANDAL, NAUNIYA TOLA

DIVISION: TRIVENIGANJ

BLOCK:- CHHATAPUR

Actual Length of Road :- 1.990 Km

Flood Affected Length of Road :- 0.304 Km

Sr. No.	Description	Amount (In Rs.)
1	SAND BAG	
2	BRICK BATS	800,298.49
3	EC BAG	254,838.65
4	GEO BAG	204,636.00
5	GRANULAR SUB BASE	-
6	HUME PIPE	101.050.54
	Total Cost =	121,259.74 1,176,396.89
	Add:-Labour Cess @1% amt. =	11,763.97
	Add:GST@12% on amt. =	141,167.63
.	Add:S.F.@ 10% on Material =	45.756.24
	TOTAL RESTORATION COST OF THE PROJECT IN LACS	1,375,085

10/6/22

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

Executive Engineer
RWD (W) Division, Triveniganj

Vide Letter 150 81/15 4 (150) Falaces (500) 23-291/2019-4849

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Superintending Engineer
Rural Works Department
Works Circle Madher

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135.00	0.30	3.00	25	6		do per tile direction of engine		CH:-in
117.00	0.30	3.75	26	4				
169.00	0.45	7.50	25	2				CH:-in CH:-in
421.00								Un111
4.80	(-)	3x.62	.79x1.2	2x2		Less For Pipe		
416.200	Cum)	Total (in				Less For Fipe		
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240.00 240.00 7058.82	lirection 1.2	2	bags and pla sing, specific 50 Total (in	itching the oproved de	cal sand, s e as per a	utli and EC bag etc. all complet	of E/I	
240.00	iii codo.	2 cum)	50	proved de	cal sand, s e as per a	ng empty cement bags with lood utli and EC bag etc. all complet e1 no. of EC Bags)	of E/I	Item No. 3
240.00 7058.82 7059.00	1.2 weight and nerator on lead	2 nos.) nos.) nonwoven) with local shine and ge	Total (in A 300 GSM roags 126 Kg itching mach	proved de 2 7 m(Type / filled Geo ead with s	ze 1m X 0 weight of ed nylon thing and ca	utli and EC bag etc. all complet	(0.034m)	CH:-in
240.00 7058.82 7059.00	1.2 weight and nerator on lead	2 nos.) nos.) nonwoven) with local shine and ge	Total (in A 300 GSM roags 126 Kg itching mach	proved de 2 7 m(Type / filled Geo ead with s	ze 1m X 0 weight of ed nylon thing and ca	etli and EC bag etc. all completed and EC bags) aying and filling Geo bags of significant of the second and placing after loading unloaded and placing after loading unloading	(0.034m) (0.034m) (0.034m) (0.034m) (0.034m) (0.034m) (0.034m)	CH:-in
240.00 7058.82 7059.00 0.00 0.00	1.2 weight sand nerator om lead lead 0.5	2 cum) nos.) nonwoven) with local s nine and ge y within 150 Local sand	Total (in A 300 GSM roags 126 Kg itching machelp of trolle Carriage of	7 m(Type / filled Geo lead with striage with I (including	ze 1m X 0 weight of ed nylon thing and ca	etli and EC bag etc. all completed and EC bags) aying and filling Geo bags of significant of the second and placing after loading unloaded and placing after loading unloading	(0.034m) (0.034m) (0.034m) (0.034m) (0.034m) (0.034m) (0.034m)	CH:-in
240.00 7058.82 7059.00	1.2 weight sand nerator om lead lead 0.5	2 cum) nos.) nonwoven) with local s nine and ge y within 150 Local sand	Total (in A 300 GSM roags 126 Kg itching machelp of trolle Carriage of	7 m(Type / filled Geo lead with striage with I (including	ze 1m X 0 weight of ed nylon thing and ca	utli and EC bag etc. all completed and EC bags) aying and filling Geo bags of sitiching in four lines by approvend placing after loading unload te as per specifications and directions.	(0.034m) (0.034m) (0.034m) (0.034m) (0.034m)	CH:-in
240.00 7058.82 7059.00 0.00 0.00	1.2 weight sand nerator om lead lead 0.5	2 cum) nos.) nonwoven) with local s nine and ge y within 150 Local sand	Total (in Total	7 m(Type / filled Geo lead with striage with I (including	ze 1m X 0 weight of ed nylon thing and ca	etli and EC bag etc. all completed and EC bags) aying and filling Geo bags of significant of the second and placing after loading unloaded and placing after loading unloading	(0.034m) (0.034m) (0.034m) (0.034m) (0.034m)	CH:-in
240.00 7058.82 7059.00 0.00 0.00 0.00	1.2 weight sand nerator on lead lead 0.5 1.5	2 cum) nos.) nonwoven) with local sance y within 150 Local sance 3.00 in nos.) ding in noce, mixing	Total (in Total	7 m(Type / filled Geo lead with striage with I (including graded ment on procompacting compacting compacting graded ment on procompacting compacting graded ment on procompacting graded	ze 1m X 0 weight of ed nylon thing and ca ection of E	etli and EC bag etc. all completed and EC bags etc. all completed and in the complete etc. all completed and in the completed and in th	(0.034m) (0.034m) (0.034m) No. 4 Providing of bags including stacking all complement (0.076m) (0.076m) No. 5 Construuniform by mix in roller to	CH:-in
240.00 7058.82 7059.00 0.00 0.00 0.00	1.2 weight sand nerator on lead lead 0.5 1.5	2 cum) nos.) nonwoven) with local sance y within 150 Local sance 3.00 in nos.) ding in noce, mixing	Total (in Total	7 m(Type / filled Geo lead with striage with I (including graded ment on procompacting compacting compacting graded ment on procompacting compacting graded ment on procompacting graded	ze 1m X 0 weight of ed nylon thing and ca ection of E	etli and EC bag etc. all completed and EC bags) aying and filling Geo bags of significations and filled bag 0.07m3 bitching in four lines by approved the as per specifications and direct as per specifications and direct and filling after loading unloading after loading unloading after loading unloading as per specifications and direct and filling after loading after loading and loading after loading afte	(0.034m) (0.034m) (0.034m) No. 4 Providing of bags including stacking all complement (0.076m) (0.076m) No. 5 Construuniform by mix in roller to	CH:-in
0.00 0.00 0.00 0.00	weight and nerator on lead lead 0.5 1.5 0.150 otal (Cum)	2 cum) nos.) nonwoven) with local saine and ge y within 150 Local sand 3.00 in nos.) dding in ice, mixing th wheel tion Clause	Total (in Total	7 m(Type / filled Geo ead with striage with I (including 2 graded mment on pricompacting Technical 3	ze 1m X 0. weight of ed nylon thing and call ection of E widing well er arrange OMC, and mplete as	etli and EC bag etc. all completed and EC bags etc. all completed and in the complete etc. all completed and in the completed and in th	(0.034m) (0.034m) (0.034m) No. 4 Providing stacking all comp km) (0.076m) No. 5 Construuniform by mix i roller to 401.(Gr	CH:-in
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0.00 0.00 0.00 0.00	weight and nerator on lead lead 0.5 1.5 0.150 otal (Cum)	2 cum) nos.) nonwoven) with local saine and ge y within 150 Local sand 3.00 in nos.) dding in ice, mixing th wheel tion Clause	Total (in Total	7 m(Type / filled Geo ead with striage with I (including 2 graded mment on pricompacting Technical 3	ze 1m X 0 weight of ed nylon thing and calection of E	etli and EC bag etc. all completed and EC bags etc. all completed and in the end of the	(0.034m (0.034m (0.034m No. 4 Providing of bags including stacking all complem) (0.076m No. 5 Construuniform by mix i roller to 401.(Gr	CH:-in Item No. 4

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Executive Engineer
Rural Forks Department
Work Division, Trivenigani

Estimate of Flood affected Road

NAME OF ROAD :- JADIYA BALUA PATH SHW SE PURAB SWASTHYA UP KENDRA P.O. SE BLOCK :- PURAB TO MADHOPUR PANCHAYAT SIMA TAK VIA

CHHATAPUR

	L con No	DESRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
S.No	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.	416.20	Cum	1922.87	800298.49
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	7059.00	nos.	36.10	254838.65
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	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
	94 1	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Roww(1000mm Dia).	30.00	m	4041.99	121259.74
	17	Cotal			Rs.	1176396.89

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Executive Engineer
Rural /orks Department Work Division, Trivenigani

Calculation of Seigniorage Fees

SE PURAB SWASTHYA UP KENDRA P.O. SE PURAB TO MADHOPUR PANCHAYAT SIMA TAK VIA

NAME OF ROAD :- CHAUHAN, MANDAL, NAUNIYA TOLA

CHHATAPUR BLOCK :-

	T COD NO	DESRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
S.No	SOR NO	Sand filling in Foundation Trenches as per Drawing &				
1/1	12.3	Technical Specification			140.05	0.00
		Sand	0.00	Cum	116.85	0.00
2/2	A/R	Providing & laying Brick Bat	ļ			
212		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	1			
		of engineer in charge.		-	4000.00	429518.40
		Brick Bats	416.20	Cum	1032.00	429310.40
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	240.00	Cum	116.85	28044.00
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.	=		To and	
1		For Grading II Material (with Coarse Sand Screening)				
		Unit = Cum			14-1	90j
		Taking output = 300 cum		-	134	N. 1
		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
	ſ	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		
		(e),oo	0.00		47E E4	475.51
-		GSB Gr-II	0.00	Cum	475.51	0.00
-+					TOTAL	0.00
		Seigniorage Fees @10% of Basic Amount	+		TOTAL	457562.40
					Say	45756.24

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Executive Engineer
REGURAL Aorks Department
WHATER HISTORY TO THE PROPERTY OF THE PROPERTY OF

Bill of Quantity

DETAILED ESTIMAE FOR TEMPRORY
RESTORATION OF ROAD FROM JADIYA BALUA
RATH SHW SE PURAB SWASTHYA UP KENDRA P.

NAME OF ROAD: PATH SHW SE PURAB SWASTHYA UP KENDRA P.O. SE PURAB TO MADHOPUR PANCHAYAT SIMA TAK VIA CHAUHAN,MANDAL,NAUNIYA TOLA

BLOCK :-

CHHATAPUR

DISTRICT :-

SUPAUL

S.No	SOR NO	DESRIPTION 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 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.	416.20	Cum	1922.87	800298.49
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	7059.00	nos.	36.10	254838.65
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. welght 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.	30.00	m	4041.99	121259.74
				,	Say	1176396.89
		Seigniorage Fees		Ar Ai		45756.24
		Add @12% GST				141167.63
		Add @1% Lebour Cess				11763.97
						1375084.73
			7		Say	1375085.00

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Executive Engineer
Rural Jorks Department
Work Division, Trivenigani