

**GOVERNMENT OF BIHAR
RURAL WORKS DEPARTMENT**

F.D.R.



DETAILED PROJECT REPORT

VOLUME - 1

DISTRICT :	GAYA	BLOCK :	GURUA.
PACKAGE NO. :	BR-	LINK NO.:	L
NAME OF ROAD :	Temporary restoration of Gaya sherghati road TO Dadu barma under head FDR		

Total Length	:	0.0505	KMS	COST PER KM
Cost of temporary repair (Rs.)	:	15.22	LACS	-
No. of CD Work	:	0	NOS.	-
Cost of CDs (Rs.)	:	0.00	LACS	-
Total Cost Of Road (Rs.)	:	15.22	LACS	-
Add 1.0% Labour Cess	:	0.15	LACS	-
Add 12.0% GST	:	1.83	LACS	-
Add signiorage	:	0.00	LACS	-
Total Cost Of Road Including Labour Cess, GST & Seigniorage Fee (Rs.)	:	17.200	LACS	-

Submitted By
Executive Engineer
RWD Div.SHERGHATI,
GAYA

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD : Temporary restoration of Gaya sherghati road TO Dadu barma under head FDR

DISTRICT

GAYA

CD STRUCTURES

BLOCK

GURUA.

HUME PIPE

0

LENGTH OF ROAD (in Km)

0.051

RCC CULVERT

0

LENGTH OF restoration (Mtr)

50.5

300 mm Utility Pipe

0

LENGTH OF CC PAVEMENT (Mtr)

0

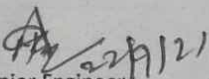
BOX CELL CULVERT

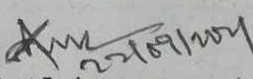
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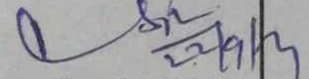
CAUSEWAY / MINOR BRIDGE

0

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	Fillin of brick bats	8.093
2	EARTHWORK in emb	1.289
	eARTHWORK flank	0.331
3	Supplying of hume pipe	4.927
4	other item	0.582
	SUB TOTAL OF COST IN LACS =	15.222
	Add 1.0% Labour Cess	0.152
	Add 12.0% GST	1.827
	Add Seigniorage Fee	0.000
	COST OF restoration IN LACS =	17.200


Junior Engineer
RWD (W) Div-SHERGHATI.


Assistant Engineer
RWD (W) Div-


Executive Engineer
RWD (W) Div-

Temporary restoration of Gaya sherghati road TO Dadu barma under head FDR						Length: 50.500 m			
S.	Description	No	Length	Width	H/D	Qty.	Unit	Rates	Amount
1	Filling of brick bats in river trench.	1	4.00	9.00	(0.45+1.00)/2	26.10			
		1	4.00	9.00	(0.45+1.00)/2	26.10			
		1	17.00	9.00	(1.00+1.20)/2	168.30			
		1	11.00	9.00	(1.20+1.45)/2	131.18			
	on top of earth filling embankment.	1	50.500	7.00	0.50	176.75			
						528.43	cum	1531.47	809267
2	Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5								
	embankment	1	50.500	9.00	0.3	136.35			
		1	50.50	7.00	1.50	530.25			
						666.60			
	Deduction for H.P.	10	7.00	22/7x4	(1.2) ²	79.63			
						586.97	cum	219.53	128857
3	Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 100 m as per Technical Specification Clause 301.5								
	Flank	1	18.00	0.60	0.30	3.24			
		1	30.00	1.00	0.45	13.50			
		1	35.00	1.00	0.60	21.00			
		1	30.00	1.00	0.60	18.00			
		3	30.00	1.00	0.30	27.00			
		2	30.00	1.00	0.60	36.00			
		2	30.00	1.00	0.60	36.00			
		1	70.00	1.00	0.45	31.50			
						186.24	cum	177.86	33125
4	Providing and laying reinforced cement concrete pipe NP3 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry	10	3	2.5		75	M	6,569.39	492704
5	Supplying of empty cement bag	1	1	6200		6200.00	no.	3.50	21700
6	labour for filling of empty cement bag with sand and stacking on site					125.00	no.	292.00	36500
									1522153
	Say Rs. (Lac)								15.222

Junior Engineer

RWD (W) Div-SHERGHATI.

Asstt. Engineer

RWD (W) Div-SHERGHATI.

Executive Engineer

RWD (W) Div-SHERGHATI.