



Govt. of Bihar

R.W.D. WORKS CIRCLE, GAYA

*Detailed Estimate for Flood
Dammage Repair of Road from
Gaya Sherghati Road To Dadu
Barma.
(Temporary Restoration)*

Head- "-3054-Repair."

District - Gaya

Block - Gurua

Estimated Cost - Rs. 17,85,600/-

Prepared By :-

Executive Engineer

R.W.D. Works Division,

SHERGHATI

ABSTRACT OF COST

Name of Road : **Repair of Flood Damage Road of Gaya Sherghati Road To Dadu Barma.**

Circle - **Gaya**

District - **Gaya**

Division - **Sherghati**

Block - **Gurua**

S.N.	DESCRIPTION	AMOUNT	
1	BRICK BAT'S	Rs	797306.00
2	EARTH WORK	Rs	156663.00
3	HUME PIPE	Rs	435200.00
5	SAND BAG'S	Rs	130510.00
	SUB TOTAL	Rs	1519679.00
	ADD FOR -		
	G.S.T. @ 12 %	Rs	182361.00
	LABOUR CESS @ 1 %	Rs	15197.00
	SEIGNIORAGE FEE	Rs	68270.00
	GRAND TOTAL	Rs.	1785507.00
	Say -	Rs.	1785600.00

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JE
22/9/21
R.W.D

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22/09/2021
A.E
R.W.D

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22/9/21
Executive Engineer
R.W.D., Works Division
Sherghati

for technical sanction for Rs 1785600/-
(1) Sanction 1785600/- (one lakh eighty five thousand six hundred only)

[Signature]
Superintending Engineer
Rural Works Department
Works Circle, Gaya
22/9/21
22/9/21

बाढ़ क्षतिग्रस्त पथों का अन्तर प्रमंडलीय जांच प्रतिवेदन।

1. निरीक्षी पदाधिकारी का नाम एवं पदनाम : श्री मूपेश कुमार, कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, टेकारी।
2. योजना का नाम : गया शेरधाटी पथ से दादुवरमा (PMGSY)
3. पैकेज संख्या : BR-12R-208
4. निरीक्षण की तिथि : 22/11/2021
5. पथ की लंबाई : 3.28 कि०मी०
6. कार्य प्रमंडल का नाम : ग्रामीण कार्य विभाग, कार्य प्रमंडल, शेरधाटी।
7. प्रखंड का नाम : गुरुआ
8. योजना का कार्य (पूर्ण/अपूर्ण) : पूर्ण
9. पथ अनुरक्षण अवधि में है : नहीं
10. क्षतिग्रस्त भाग की लंबाई : (i) 50.50 मी० पूर्ण रूप से क्षतिग्रस्त
(ii) 273 मी० पर्लैक एवं पी०सी०सी० के नीचे का भाग क्षतिग्रस्त
11. क्षतिग्रस्त भाग में कराये गए कार्य की विवरणी (लं० x चौ० x गं०) : मापी विवरीमी संलग्न।
12. Temporary restoration में किन्हीं किस सामग्रियों का उपयोग किया गया है उसका विवरणी : (i) 1000mm dia H.P -30 Nos
(ii) Brick Bar
(iii) Sand bag ~~200000~~ 612000 (5000) Nos.
(iv) Local Soil
13. जांच पदाधिकारी का मंतव्य :


22/11/21
B.E.
निरीक्षण पदाधिकारी नाम एवं पदनाम
हस्ताक्षर

COST ESTIMATE FOR EMERGENT REPAIR OF ROAD DAMAGED DUE TO FLOOD

Name of Work: Gaya Sherghati Road To Dadu Barma

Block: Gurua

District: -

Gaya

Sl.No											Qty	Rate	Unit	Amount
1											3	4	5	6
1	Providing laying, spreading and filling Brick Barre in Flood damage area for making the road motorable as per specification and direction of E.I.													
	In River Trench													
	1	x	4.00	Mx	9.00	Mx	0.45	M+	1.00	M/2=	25.10	Cum		
	1	x	4.00	Mx	9.00	Mx	0.45	M+	1.00	M/2=	25.10	Cum		
	1	x	17.00	Mx	9.00	Mx	1.00	M+	1.20	M/2=	168.35	Cum		
	1	x	11.00	Mx	9.00	Mx	1.20	M+	1.45	M/2=	131.18	Cum		
	Cut top of Earth Filling embankment													
2		1	x	50.50	Mx	7.00	Mx	0.50	M=		175.75	Cum		
											528.43	Cum	1,506.82	/Cum Rs. 757306.00
2	Construction of embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of table 300-2 with lead upto 1000 M (Analysis GOR, RCD)													
		1	x	50.50	Mx	9.00	Mx	0.30	M=		135.35	Cum		
		1	x	50.50	Mx	7.00	Mx	1.50	M=		533.25	Cum		
											668.60	Cum		
	10	x	7.00	Mx	0.7857	x	1.20		1.20	M=	75.20	Cum		
3	Construction of embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of table 300-2 with lead upto 1000 M (Analysis GOR, RCD)													
		1	x	18.00	Mx	0.60	Mx	0.30	M=		3.24	Cum		
		1	x	30.00	Mx	1.00	Mx	0.45	M=		13.50	Cum		
		1	x	35.00	Mx	1.00	Mx	0.60	M=		21.00	Cum		
		1	x	30.00	Mx	1.00	Mx	0.60	M=		18.00	Cum		
		3	x	50.00	Mx	1.00	Mx	0.30	M=		27.00	Cum		
		2	x	30.00	Mx	1.00	Mx	0.60	M=		36.00	Cum		
		2	x	30.00	Mx	1.00	Mx	0.80	M=		36.00	Cum		
		4	x	70.00	Mx	1.00	Mx	0.45	M=		31.50	Cum		
											186.24	Cum	186.24	Cum 202.50 /Cum Rs. 37714.00

4	Providing and laying reinforced cement concrete pipe NP4 culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, back filling, concrete and masonry works in head walls and parapets clause 1106. (Rate Approved vide S.E., RWD, Works Circle No- 1120 Dt. 25.06.2021)												
	1000 mm dia	10	x	3	x	2.50	M=	75.00	M				
5	Empty Cement Bag with Local Sand. (Rate Approved vide S.E., RWD, Works Circle, Gaya No-1120 Dt. 25.06.2021)							75.00	M	75.00	M	5.802.87	/M Rs. 435200.00
								6200.00	Nos				
								6200.00	Nos	6200.00	Nos	21.05	Each Rs. 130510
													1519679

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R.W.D.

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R.W.D.

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Executive Engineer
R.W.D., Works Division
Sherghati