



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

DETAILED PROJECT REPORT FOR REPAIRING OF ROAD F.D.R. PART - A (2021 - 22)

DETAILED ESTIMATE For F.D.R. Motrable Work

T. A. COPY

DISTRICT :	BHAGALPUR	BLOCK :	Sanhaula
NAME OF ROAD :	PMGSY Path Bamia to RCD Path		
Total Length of road	:	2.00 KM	
Total Cost of FDR - (Part A)	:	1.03	Lakh
GST @ 12 %	:	0.12	Lakh
LABOUR CESS @ 1 %	:	0.01	Lakh
SEIGNIORAGE FEE @ 10 %	:	0.06	Lakh
TOTAL COST OF RESTORATION WORK	:	1.22	Lakh
SUBMITTED BY The Executive Engineer Rural Work Department Works Division, Kahalgaon			

Inspection Report For Flood Damage Work

स-होला

Date:- 10/12/2021

1. Name of PIUs - E.E. RWD(w) Division, Kahalgaon

2. Name of Block/ Road Sanhola/ PMGSY Path Banua to RCD path

A. For Road

1. Damage Location/Chainage ch. 0 to 2.0 km

2. Damage length 88.50 m

3. Nature of Damage pot-holes.

4. Detail of Restoration Works

(i) Material being used in Restoration Works: Brick-Bat

(ii) Equipment's/ Tools Being used in Restoration Works:

(iii) Procedure Taken up in Restoration Works:

(iv) Restored Length: 88.50 m in pot-holes

B. For Bridge

1. Damage Location/Chainage

2. Damage length

3. Nature of Damage

4. Detail of Restoration Works

(i) Material being used in Restoration Works:

(ii) Equipment's/ Tools Being used in Restoration Works:

(iii) Procedure Taken up in Restoration Works:

(iv) Restored Length:

Nil

C. Requirement Of New CD/Bridges

(i) Name of Road:

(ii) Location/ Chainage

(iii) Type of CD Work/Length required

Notes:-

- Upload one Photograph of damaged portion if available
- Attach minimum Two Photograph (during restoration & after restoration) Photographs should be Geotags and at Least one Photo be captured in selfie mode.

Motorable work found Satisfactory.

Signature of JE/AE/EE AE
JE

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल कटगौव

Signature
(Name of Inspector)
EE
RWD(w) Div.
Banka - I

प्रतिवेदन

योजना का नाम - " PMGSY Path Bamia to RCD Path" पथ में बाढ़ से क्षतिग्रस्त भाग का मोटरेबुल कार्य।
पथ की लम्बाई - 2.000 कि०मी०
प्राक्कलित राशि - ₹० 1.22314 लाख

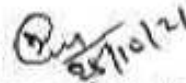
वर्ष 2021 में गंगा नदी में आयी भयंकर बाढ़ से ग्रामीण कार्य विभाग, कार्य प्रमण्डल, कहलगाँव अन्तर्गत पीरपैती/कहलगाँव/सबौर एवं सन्हौला प्रखण्ड के लगभग 89 पथ /पुल बाढ़ से प्रभावित हुये हैं। इनमें कुछ पथों में कटाव/गड़ढे हो जाने के कारण विभाग द्वारा समय-समय पर प्राप्त दिशा निर्देशों /आदेशों के आलोक में तत्काल युद्धस्तर पर इन पथों को Brick-Bats/ Sand Bag, Bamboo Piling एवं GSB के द्वारा मोटरेबुल कार्य कराया गया है। मोटरेबुल कार्य के बाद सभी पथों में आवागमन चालू हो चुका है।

कराये गये कार्य का प्राक्कलन ग्रामीण कार्य विभाग, कार्य अंचल भागलपुर के पत्रांक 470 दिनांक 22.06.2021 के द्वारा स्वीकृत दर पर तैयार किया गया है तथा इस कार्य का विवरण विभागीय MIS पर FDR Module में प्रविष्ट किया गया है।

कार्य के उपरान्त इसकी तकनीकी अनुमोदन सह तकनीकी स्वीकृति अपेक्षित है।



कनीय अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य प्रशाखा, सन्हौला



सहायक अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य अवर प्रमण्डल सन्हौला



कार्यपालक अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल कहलगाँव

GENERAL ABSTRACT OF COST

Name of Road : PMGSY Path Barnia to RCD Path

District : BHAGALPUR

Length of Road : 2.00 KM

Block : Sanhaula

SL No	Particulars	Details	Total Cost (in Rs.)
A	Cost of Road Motorable work	2.00	98530=00 ✓ -1,02,780.00
B	GST @12%		11824=00 ✓ -12,333.60
C	Labour Cess @ 1%		985=00 ✓ -4,027.80
D	Seigniorage Fee @10%		8,172.52 ✓
	Total Cost of Restoration work		117511=00 ✓ 4,22,313.92
		SAY	1,22,314.00

[Signature]
J. E.

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A. E.

[Signature]
E. E.

Rs. 1,22,314.00
Say Rs. 1,17,500=00

Technically Sanctioned for Rs 1,22,314.00 (Rupees one lac twenty two thousand three hundred) only.

Superintending Engineer
Rural Works Department
Works Circle, Bhagalpur

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Technically sanctioned for Rs 1,17,500-00 (Rupees one
Lac Seventeen thousand five hundred) only



Superintending Engineer
Rural Works Department
Works Circle, Bhagalpur

ESTIMATE FOR ROAD RESTORATION WORK

Name of Road: PMGSY Path Bamia to RCD Path Block: Sanhaula District: Bhagalpur Length: 2.000 Km

Sl. No.	BSR Item No.	Description	No.	Length (M)	Width (M)	H/D (M)	Qty.	Unit	Rate (in Rs.)	Amount (in Rs.)
1	4.5	Providing brick bats including spreading laying hand packing and compacting with C.I. Hammer in layers not exceeding 75 mm thick including cost of light, barriers, danger signals, chowkidar, taxes, royalty etc. as complete job as per specification and direction of Etl excluding carriage cost of bricks.							1677.68	98530.00
		As per attached "Annexure - A"					58.73			
							58.73	Cum	1750.94	1,02,780.00
							Total Cost of Flood Protective work =			1,02,780.00

J. E.

A. E.

E. E.

PMGSY Path Bamia to RCD Path

CSB Bricks Batts

ANNEXURE - " A "

Length of Road : 2.00 km

Sr.No.	Chainage (m)	Nos.	Length (m)	Width (m)			Average Width (M)	Depth (m)			Average Depth (M)	Quantity (cum)
1	0 - 2000	1	8.00	2.00			2.00	0.500			0.500	8.00
		4	4.00	2.50			2.50	0.300			0.300	12.00
		1	12.00	1.50			1.50	0.300			0.300	5.40
		2	2.50	1.00			1.00	0.500			0.500	2.50
		1	15.00	2.00			2.00	0.300			0.300	9.00
		2	5.00	1.50			1.50	0.200			0.200	3.00
		4	3.00	2.50			2.50	0.500			0.500	15.00
		1	6.00	1.00			1.00	0.300			0.300	1.80
		1	4.50	1.50			1.50	0.300			0.300	2.03
											Total =	58.73

[Signature]
25/10/21
J.E

[Signature]
25/10/21
AE

[Signature]
25/10/21

Material Statement and S.F Calculation

PMGSY Path Bamia to RCD Path						Pirpanti		
SL No.	Description of Work	material Details	unit	Per Unit Qty	Consumed Qty	Rate of material	Total Rate	Total amount
1	Brick Bats	Brick bats	Cum	2.83		1051.00	2976.43	
		Cost of 2.832 Cum =A					2976.43	
		Rate per Cum -(A/2.832)			58.73		1051.00	61725.23
								6172.52
							Total Rs.	6172.52

for J.E
25/10/24
Bin

25/10/24

Carriage Cost of Material via Road

RWD, works Division, Khabalgao

District:- BHAGALPUR

Division - Khabalgao

Sl No	Item	Unit	Source	Particular / Surface	Carriage Cost & Lead in Km	Katcha	Loading & Unloading Cost	Carriage By Road	Carriage By Rail	Total	Lowest Rate
1	Stone Metal Gr-II/Via Road	Cum	Mirza Choudh	8.00 x 7.47 x 52 Km	= Rs 677.02	8.00 x 18.09 x 0 Km	= Rs 0.00	193.62	0.00	870.64	870.64
2	Stone Metal Gr-III / GSB Via Road	Cum	Mirza Choudh	8.00 x 7.47 x 52 Km	= Rs 622.75	8.00 x 18.09 x 0 Km	= Rs 0.00	193.62	0.00	816.37	816.37
3	Stone Aggregate / Chips Via Road	Cum	Mirza Choudh	8.00 x 7.47 x 52 Km	= Rs 622.75	8.00 x 18.09 x 0 Km	= Rs 0.00	193.62	0.00	816.37	816.37
4	Stone Boulder /Via Road	Cum	Mirza Choudh	8.00 x 7.47 x 52 Km	= Rs 647.40	8.00 x 18.09 x 0 Km	= Rs 0.00	193.62	0.00	841.02	841.02
5	Coarse Sand/Via Road	Cum	Harawara	8.00 x 7.47 x 36 Km	= Rs 431.13	8.00 x 18.09 x 0 Km	= Rs 0.00	104.08	0.00	536.01	536.01
6	Minerum/Via Road	Cum	Mirza Choudh	8.00 x 7.47 x 52 Km	= Rs 517.92	8.00 x 18.09 x 0 Km	= Rs 0.00	104.08	0.00	622.80	622.80
7	Bitumen Harawari/Via Road	MT	Harawari	8.00 x 7.47 x 325 Km	= Rs 923.75	8.00 x 18.09 x 0 Km	= Rs 0.00	365.00	0.00	1298.75	1298.75
8	Bitumen Emulsion /Via Road	MT	Fatuba	8.00 x 7.47 x 212 Km	= Rs 1583.64	8.00 x 18.09 x 0 Km	= Rs 0.00	365.00	0.00	1948.64	1948.64
9	Local Sand	Cum	Local	8.00 x 7.47 x 2 Km	= Rs 23.95	8.00 x 18.09 x 1 Km	= Rs 2.00	304.88	0.00	157.83	157.83
10	Brick	1000 Nos	Local	8.00 x 7.47 x 2 Km	= Rs 209.16	8.00 x 18.09 x 1 Km	= Rs 77.36	441.62	0.00	723.14	723.14
11	Cement	MT	Local	8.00 x 7.47 x 2 Km	= Rs 52.29	8.00 x 18.09 x 0 Km	= Rs 0.00	317.64	0.00	369.93	369.93
12	Steel	MT	Local	8.00 x 7.47 x 7 Km	= Rs 52.29	8.00 x 18.09 x 0 Km	= Rs 0.00	337.70	0.00	389.99	389.99
13	Humo Pipe (1000 mm)	M	Godda	8.00 x 7.47 x 58 Km	= Rs 346.61	8.00 x 18.09 x 0 Km	= Rs 0.00	75.09	0.00	422.30	422.30
14	Humo Pipe (600 mm)	M	Godda	8.00 x 7.47 x 58 Km	= Rs 130.64	8.00 x 18.09 x 0 Km	= Rs 0.00	32.44	0.00	171.08	171.08
15	Humo Pipe (300 mm)	M	Godda	8.00 x 7.47 x 58 Km	= Rs 57.77	8.00 x 18.09 x 0 Km	= Rs 0.00	32.44	0.00	90.21	90.21
16	Bamboo	Nos	Kursela	8.00 x 7.47 x 42 Km	= Rs 313.74	8.00 x 18.09 x 0 Km	= Rs 0.00	317.64	0.00	631.38	631.38
17	Brick base	Cum	Local	8.00 x 7.47 x 2 Km	= Rs 209.16	8.00 x 18.09 x 1 Km	= Rs 72.36	193.62	0.00	475.14	475.14
18	Klin Rubbish	Cum	Local	8.00 x 7.47 x 2 Km	= Rs 209.16	8.00 x 18.09 x 1 Km	= Rs 72.36	104.88	0.00	386.40	386.40

• Subjected to Verification of Lead

Cost Of Haulage Excluding Loading & Unloading As Per SDR

Type of Road	Per Ton. Km. by Trolley	Per Ton. Km. by
For Surface Road	8.19	7.47
For Un. Surface Road	8.85	8.59
For Katcha Road	19.82	18.09

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Junior Engineer

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Asst. Engineer

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Executive Engineer