



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 :	Pirpainti
NAME OF ROAD :	L097-PMGSY Athniya Ram Nagar Road to Kamtiya Tola (VR73)		
Total Length of road	:	1.32 KM	
Total Cost of FDR - (Part A)	:	3.58	Lakh
GST @ 12 %	:	0.43	Lakh
LABOUR CESS @ 1 %	:	0.04	Lakh
SEIGNIORAGE FEE @ 10 %	:	0.22	Lakh
TOTAL COST OF RESTORATION WORK	:	4.26	Lakh
SUBMITTED BY The Executive Engineer Rural Work Department Works Division, Kahalgaon			

Inspection Report For Flood Damage Work

10/12/21

Date:- 10/12/2021

1. Name of PIUs - E.E. RWD (W) Division, Kahalgau.

2. Name of Block/ Road Pirpainti / LG 7 - PMASR Athniya Ram Nagar Road to Kamtiya tola.

A. For Road

1. Damage Location/Chainage ch 0.70 to 1.150 Km

2. Damage length 93 m

3. Nature of Damage Cutting and pot-holes.

4. Detail of Restoration Works

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

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

(iii) Procedure Taken up in Restoration Works:

(iv) Restored Length: 93 m in Cutting and 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:

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
JE

Signature
AE

कार्यपालक अभियंता
आपसीय कार्य विभाग
कार्य प्रमंडल काहलगाँव

Signature
(Name of Inspector)
EE.
RWD (W) Div.
Banke-1

प्रतिवेदन

योजना का नाम - " L097-PMGSY Athniya Ram Nagar Road to Kamtiya Tola " पथ में बाढ़ से क्षतिग्रस्त भाग का मोटरेबुल कार्य।
पथ की लम्बाई - 1.32 कि०मी०
प्राक्कलित राशि - ₹० 4.26401 लाख

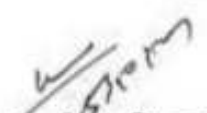
वर्ष 2021 में गंगा नदी में आयी भयंकर बाढ़ से ग्रामीण कार्य विभाग, कार्य प्रमण्डल, कहलगाँव अन्तर्गत पीरपैती/कहलगाँव/सबौर एवं सन्हीला प्रखण्ड के लगभग 89 पथ /पुल बाढ़ से प्रभावित हुये हैं। इनमें कुछ पथों में कटाव/गड्ढे हो जाने के कारण विभाग द्वारा समय-समय पर प्राप्त दिशा निर्देशों /आदेशों के आलोक में तत्काल 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, पीरपैती


सहायक अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य अवर प्रमण्डल पीरपैती


कार्यपालक अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल कहलगाँव

GENERAL ABSTRACT OF COST

Name of Road : L097-PMGSY Athniya Ram Nagar
Road to Kamtiya Tola (VR73)
(BR-06R-277)

District : BHAGALPUR

Length of Road : 1.32 KM

Block : Pirpainti

Sl. No	Particulars		Details	Total Cost (in Rs.)
A	Cost of Road Motorable work	:	1.32	3,48,521.00 3,68,303.00
B	GST @12%	:		41,823.00 42,996.36
C	Labour Cess @ 1%	:		3,485.00 3,583.03
D	Seigniorage Fee @10%	:		21,833.00 24,510.17
	Total Cost of Restoration work	:		4,15,662.00 4,26,400.56
			SAY	4,26,401.00

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25-10-2021
J. E.

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25/10/21
A. E.

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4,26,401.00
4,15,662.00
4,15,662.00
E. E.

Technically Sanctioned for Rs 4,26,401.00 (Rupees four lac twenty six thousand four hundred only).

Superintending Engineer
Rural Works Department
Works Circle, Bhagalpur

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PTO

Technically Sanctioned for Rs 4,5,700 = (Rupees
four lac fifteen thousand seven hundred) only.

[Signature]
Superintending Engineer
Rural Works Department
Works Circle, Bhagalpur

ESTIMATE FOR ROAD RESTORATION WORK

Name of Road: Baijnathpur to Baldpur.

Block: Shahkund

District: Bhagalpur

Length : 1.400 Km

Sl. No.	SSR Item No.	Description	No	Length (M)	Width (M)	H/D (M)	Qty.	Unit	Rates (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, chowkilar, taxes, royalty etc. all complete job as per specification and direction of E/I excluding carriage cost of bricks.								
		As per attached " Annexure - A "					204.74		1677.68	348,521.00
							204.74	Cum	1760.04	3,60,303.00
							Total Cost of Flood Protective work =			3,58,303.00

J. E.
25-10-2021

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25/10/21

E. E.
25/10/21
3,58,303.00

L097-PMGSY Athniya Ram Nagar Road to Kamtiya Tola (VR73)

Chainage	No.	Length (in m)	Width (in m)	Depth (in m)	Qty (in Cum)
<u>700m</u>	1 x	8.50	$\frac{6.00 + 7.50}{2}$	0.70	40.16 ✓
<u>873m</u>	1 x	5.00	$\frac{6.00 + 7.50}{2}$	1.00	33.75 ✓
	2 x	5.00	$\frac{3.00 + 3.00}{2}$	0.30	9.00 ✓
	1 x	18.00	$\frac{2.00 + 2.20}{2}$	0.50	18.90 ✓
	1 x	15.50	$\frac{2.30 + 1.50}{2}$	0.50	14.73 ✓
<u>1150m</u>	1 x	8.00	$\frac{6.00 + 7.50}{2}$	1.00	54.00 ✓
	1 x	20.00	$\frac{1.30 + 1.30}{2}$	1.00	26.00 ✓
	1 x	8.00	$\frac{1.40 + 1.40}{2}$	1.00	11.20 ✓
Total					207.74 cum

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J-E

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Material Statement and S.F Calculation

L097-PMGSY Athniya Ram Nagar Road to Kamiya Tola (VR73) (BR-06R-277)

Sl. No.	Description of Work	material Details	unit	Per Unit Qty	Consumed Qty	Rate of material	Total Rate	Total amount	10% S.F amount
1	Brick Bats	Brick bats	Cum	2.83		1051.00	2976.43		
		Cost of 2.832 Cum =A			257.74		2976.43	218335	21833.00
		Rate per Cum -(A/2.832)			204.74		1051.00	245181.74	24518.17
								Total Rs.	24518.17

21833.00

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Carriage Cost of Material via Road

RWD, works Division, Kahalgaon

District:- BHAGALPUR

Division - Kahalgaon

Sl No	Item	Unit	Source	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 Chetaki	8.00	x 7.47	x 52 Km	= Rs 677.02	8.00	x 18.09	x 0 Km	= Rs 0.00	870.64
2	Stone Metal Gr-III / GSB Via Road	Cum	Mirza Chetaki	4.59	x 7.47	x 52 Km	= Rs 622.75	4.59	x 18.09	x 0 Km	= Rs 0.00	816.37
3	Stone Aggregate / Chips Via Road	Cum	Mirza Chetaki	4.99	x 7.47	x 52 Km	= Rs 622.75	4.99	x 18.09	x 0 Km	= Rs 0.00	816.37
4	Stone Boulder /Via Road	Cum	Mirza Chetaki	4.80	x 7.47	x 52 Km	= Rs 647.40	4.80	x 18.09	x 0 Km	= Rs 0.00	841.02
5	Coarse Sand/Via Road	Cum	Hanwara	8.00	x 7.47	x 36 Km	= Rs 421.13	8.00	x 18.09	x 0 Km	= Rs 0.00	536.01
6	Mooram/Via Road	Cum	Mirza Chetaki	4.99	x 7.47	x 52 Km	= Rs 517.92	4.99	x 18.09	x 0 Km	= Rs 0.00	622.80
7	Bitumen Barasuni / Via Road	MT	Barasuni	8.00	x 7.47	x 125 Km	= Rs 933.75	8.00	x 18.09	x 0 Km	= Rs 0.00	1298.75
8	Bitumen Emulsion /Via Road	MT	Fatcha	8.00	x 7.47	x 212 Km	= Rs 1583.64	8.00	x 18.09	x 0 Km	= Rs 0.00	1948.64
9	Local Sand	Cum	Local	4.99	x 7.47	x 2 Km	= Rs 23.95	4.99	x 18.09	x 1 Km	= Rs 29.00	157.83
10	Brick	1000 Nos	Local	2.00	x 7.47	x 7 Km	= Rs 209.16	2.00	x 18.09	x 1 Km	= Rs 72.36	723.14
11	Cement	MT	Local	8.00	x 7.47	x 7 Km	= Rs 52.29	8.00	x 18.09	x 0 Km	= Rs 0.00	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	389.99
13	Humus Pipe (1000 mm)	M	Goidda	10.00	x 7.47	x 58 Km	= Rs 346.61	10.00	x 18.09	x 0 Km	= Rs 0.00	422.30
14	Humus Pipe (600 mm)	M	Goidda	25.00	x 7.47	x 58 Km	= Rs 138.64	25.00	x 18.09	x 0 Km	= Rs 0.00	171.08
15	Humus Pipe (300 mm)	M	Goidda	60.00	x 7.47	x 58 Km	= Rs 57.77	60.00	x 19.82	x 0 Km	= Rs 0.00	90.21
16	Bamboo	Nos	Kursela	8.00	x 7.47	x 42 Km	= Rs 313.74	8.00	x 19.82	x 0 Km	= Rs 0.00	631.38
17	Brick bats	Cum	Local	2.00	x 7.47	x 7 Km	= Rs 209.16	2.00	x 18.09	x 1 Km	= Rs 72.36	475.14
18	Klin Rubbish	Cum	Local	2.00	x 7.47	x 7 Km	= Rs 209.16	2.00	x 18.09	x 1 Km	= Rs 72.36	386.40

Cost Of Haulage Excluding Loading & Unloading As Per SOR

* Subjected to Verification of Lead

Type of Road	Per Ton. Km By Tipper	Per Ton. Km By
For Surface Road	8.19	7.47
For Un Surface Road	8.05	8.99
For Katcha Road	19.82	18.09

25-10-2021
Junior Engineer

25/10/21
Asst Engineer

25/10/21

Executive Engineer