

Photo (7)



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 :	SABOUR
NAME OF ROAD :	Maheshpur - Alang Parghari		
Total Length of road	:	15.44 KM	
Total Cost of FDR - (Part A)	:	5.53	Lakh
GST @ 12 %	:	0.66	Lakh
LABOUR CESS @ 1 %	:	0.06	Lakh
SEIGNIORAGE FEE @ 10 %	:	0.33	Lakh
TOTAL COST OF RESTORATION WORK	:	6.58	Lakh

SUBMITTED BY
The Executive Engineer
Rural Work Department
Works Division, Kahalgaon

Inspection Report For Flood Damage Work

सं. 10/12/21

Date:- 10/12/21

1. Name of PIUs - E.E. RWD DIVISION - Kahaalgaon

2. Name of Block/ Road - Sabour/ PHQR Maheshpur - Along Pargharzi

A. For Road

1. Damage Location/Chainage CH-2450 mtr to 2950 mtr

2. Damage length - 363.30 mtr

3. Nature of Damage - Pot holes and cutting

4. Detail of Restoration Works

(i) Material being used in Restoration Works: - Black Bit

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

(iii) Procedure Taken up in Restoration Works:

(iv) Restored Length: 363.30 mtr w/ 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

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल कलकता

Signature

(Name of Inspector)

E.E.
RWD(w) Div
Banka-1

प्रतिवेदन

योजना का नाम – "Maheshpur to Alang Parghari " पथ में बाढ़ से क्षतिग्रस्त भाग का मोटरेबुल कार्य।


पथ की लम्बाई – 15.44 कि०मी०

प्राक्कलित राशि – रू० 6.58033लाख

वर्ष 2021 में गंगा नदी में आयी भयंकर बाढ़ से ग्रामीण कार्य विभाग, कार्य प्रमण्डल, कहलगौव अन्तर्गत पीरपैती/कहलगौव/सबौर एवं सन्हौला 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।

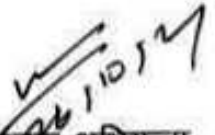
कार्य के उपरान्त इसकी तकनीकी अनुमोदन सह तकनीकी स्वीकृति अपेक्षित है।


26/10/21

कनीस अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य प्रशाखा, सबौर


26/10/21

सहायक अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य अंचल प्रमण्डल सबौर


26/10/21

कार्यपालक अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल कहलगौव

GENERAL ABSTRACT OF COST

Name of Road : Maheshpur - Alang Parghari

District : BHAGALPUR

Length of Road : 15.44 KM

Block : SABOUR

Sl. No	Particulars	Details	Total Cost (in Rs.)
A	Cost of Road Motorable work	3.212	530080 = 00 -5,52,943.00
B	GST @12%		63609 = 00 66,353.16
C	Labour Cess @ 1%		5300 = 00 -5,529.43
D	Seigniorage Fee @10%		33,207.40
	Total Cost of Restoration work		632196 = 00 -6,58,032.99
		SAY	-6,58,033.00

J. E.
26/10/21

A. E.
28/10/21

6,58,033.00
Say Rs. 6,58,033.00


E. E.
26/10/21

Technically sanctioned for Rs 6,58,033.00 (Rupees Six
lacs fifty eight thousand only.)

Superintending Engineer
Rural Works Department
Works Circle, Bhagalpur
12/11/21

P.T.O

Technically Sanctioned for Rs 6,32,200-00 (Rupees
Six lac thirty two thousand two hundred only)


Superintending Engineer
Rural Works Department
Works Circle, Bhagalpur

ESTIMATE FOR ROAD RESTORATION WORK

Name of Road: **Mahehpur - Alang Parghari** Block: **SABOUR** District: **Bhagalpur** Length: **3.212 Km**

Sl. No.	SSR Item No.	Description	No	Length (M)	Width (M)	HD (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, chowkidar, taxes, royalty etc. all complete job as per specification and direction of E/I excluding carriage cost of bricks.							1677.68	530080.00
		As per attached "Annexure - A"					315.96			
							315.96	Cum	1750.04	552,943.00
							Total Cost of Flood Protective work =			5,52,943.00

J. E.
26.7.21

A. E.
26/11/21

E. E.
26/11/21
Rs. 5,30,080.00

Maheshpur - Alang Parghari

Brick Bat Measurement

ANNEXURE - " A "

Length of Road : 15.44 KM

Sr.No.	Chainage (m)	Nos.	Length (m)	Width (m)		Average Width (M)	Depth (m)			Average Depth (M)	Quantity (cum)
1	2450	1	6.00	6.50		6.50	0.90	0.75	0.15	0.60	23.40
2		1	2.30	4.00		4.00		0.75		0.75	6.90
3		1	4.40	1.60		1.60		0.90		0.90	6.34
4		1	6.50	6.65		6.65	0.90	0.80	0.60	0.76	32.85
5		1	5.00	1.75		1.75	0.75			0.75	6.56
6		1	3.20	1.50		1.50	0.60			0.60	2.88
7		1	8.00	2.75		2.75		0.75		0.75	16.50
8	2600	1	6.00	2.00	1.50	1.75		0.45		0.45	4.73
9		1	5.00	2.00		2.00	0.60	0.45		0.50	5.00
10	2650	1	13.20	3.90		3.90	0.45			0.45	23.17
11		1	5.00	1.40		1.40	0.45			0.45	3.15
12		1	3.00	0.30		0.30	0.45			0.45	0.41
13		1	3.20	1.50		1.50	0.60			0.60	2.88
14	2700	1	3.50	0.40		0.40	0.60			0.60	0.84
15	2800	1	112.00	0.90	0.70	0.80	0.60			0.60	53.76
16		1	49.00	0.70		0.70	0.50			0.50	17.15
17	2950	2	128.00	1.00	0.90	0.95	0.45			0.45	109.44
										Total =	315.96

K. S. J.
26.10.21

[Signature]
26/10/21

[Signature]
26/10/21

Material Statement and S.F Calculation

Maheshpur - Alang Parghari						Pirpainti			
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					2976.43		
		Rate per Cum = (A/2.832)			315.96		1051.00	332073.96	33207.40
								Total Rs.	33207.40

W
21/10/12

Carriage Cost of Material via Road

RWD, works Division, Kahaigaon

Sl No	Item	Unit	Source	Carriage Cost & Lead in Km				Katcha	Loading & Unloading Cost	Division - Kahaigaon		Lowest Rate
				Pucka / Surface	Facha / Surface	Carriage Cost	Lead in Km			Carriage By Road	Carriage By Rail	
1	Stone Metal Gr-II/Via Road	Cum	Mirza Chetki	8.00 x 7.47 x 52 Km	8.00 x 18.09 x 0 Km	= Rs 677.02	8.00	193.62	870.64	0.00	870.64	870.64
2	Stone Metal Gr-III / GSB Via Road	Cum	Mirza Chetki	8.00 x 7.47 x 52 Km	8.00 x 18.09 x 0 Km	= Rs 622.75	8.00	193.62	816.37	0.00	816.37	816.37
3	Stone Aggregate / Chips Via Road	Cum	Mirza Chetki	8.00 x 7.47 x 52 Km	8.00 x 18.09 x 0 Km	= Rs 622.75	8.00	193.62	816.37	0.00	816.37	816.37
4	Stone Boulder /Via Road	Cum	Mirza Chetki	8.00 x 7.47 x 52 Km	8.00 x 18.09 x 0 Km	= Rs 647.40	8.00	193.62	841.02	0.00	841.02	841.02
5	Coarse Sand/Via Road	Cum	Banwara	8.00 x 7.47 x 36 Km	8.00 x 18.09 x 0 Km	= Rs 431.13	8.00	104.88	536.01	0.00	536.01	536.01
6	Morram/Via Road	Cum	Mirza Chetki	8.00 x 7.47 x 52 Km	8.00 x 18.09 x 0 Km	= Rs 517.92	8.00	104.88	622.80	0.00	622.80	622.80
7	Bitumen Barasuni/ Via Road	MT	Barasuni	8.00 x 7.47 x 125 Km	8.00 x 18.09 x 0 Km	= Rs 933.75	8.00	365.00	1298.75	0.00	1298.75	1298.75
8	Bitumen Emulsion /Via Road	MT	Fatoha	8.00 x 7.47 x 212 Km	8.00 x 18.09 x 0 Km	= Rs 1583.64	8.00	365.00	1948.64	0.00	1948.64	1948.64
9	Local Sand	Cum	Local	8.00 x 7.47 x 2 Km	8.00 x 18.09 x 1 Km	= Rs 23.95	8.00	104.88	157.83	0.00	157.83	157.83
10	Brick	1000 Nos	Local	8.00 x 7.47 x 7 Km	8.00 x 18.09 x 1 Km	= Rs 209.16	8.00	441.62	723.14	0.00	723.14	723.14
11	Cement	MT	Local	8.00 x 7.47 x 7 Km	8.00 x 18.09 x 0 Km	= Rs 52.29	8.00	317.64	369.93	0.00	369.93	369.93
12	Steel	MT	Local	8.00 x 7.47 x 7 Km	8.00 x 18.09 x 0 Km	= Rs 52.29	8.00	337.70	389.99	0.00	389.99	389.99
13	Humus Pipe (1000 mm)	M	Godda	8.00 x 7.47 x 58 Km	8.00 x 18.09 x 0 Km	= Rs 346.61	8.00	75.69	422.30	0.00	422.30	422.30
14	Humus Pipe (600 mm)	M	Godda	8.00 x 7.47 x 58 Km	8.00 x 18.09 x 0 Km	= Rs 138.64	8.00	32.44	171.08	0.00	171.08	171.08
15	Humus Pipe (300 mm)	M	Godda	8.00 x 7.47 x 50.00 Km	8.00 x 19.82 x 0 Km	= Rs 57.77	8.00	32.44	90.21	0.00	90.21	90.21
16	Bamboo	Nos	Kurvela	8.00 x 7.47 x 42 Km	8.00 x 19.82 x 0 Km	= Rs 313.74	8.00	317.64	369.93	0.00	369.93	369.93
17	Brick bats	Cum	Local	8.00 x 7.47 x 7 Km	8.00 x 18.09 x 1 Km	= Rs 209.16	8.00	193.62	870.64	0.00	870.64	870.64
18	Klin Rubbish	Cum	Local	8.00 x 7.47 x 7 Km	8.00 x 18.09 x 1 Km	= Rs 209.16	8.00	104.88	157.83	0.00	157.83	157.83

* Subjected to Verification of Lead

Cost Of Haulage Excluding Loading & Unloading As Per SOR

Type of Road	Per Ton. Km By Tipper	Per Ton. Km By
For Surface Road	8.19	7.47
For Un Surface Road	8.85	8.99
For Katcha Road	19.82	18.09


 Junior Engineer


 Asst. Engineer


 Executive Engineer