



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

DETAILED PROJECT REPORT FOR FDR



Name of the Road :-		Mathna Malik P.A. PMGSY Sadak me Mahesh Prasad Gupta Ke Ghar se to Laxmipur Sima Tak	
DISTRICT		Vaishali	
DIVISION		Mahua	
BLOCK		Chehrakalan	
TOTAL LENGTH OF ROAD	:	0.610	KM
CONSTRUCTION COST	:	11.956	Lac

Submitted By :-
Executive Engineer
RWD Work Division, Mahua

प्रतिवेदन

कार्य का नाम:- मगना मलिक पं.अं. PMGSY सड़क में महेश प्रसाद
गुप्ता के घर से लक्ष्मीपुर सिमा तक पथ में अप्रत्याशित बाढ़/अतिवृष्टि से क्षतिग्रस्त पथ में
यातायात चालू करने हेतु आपातकालीन मरम्मत कार्य।

प्रखण्ड- चैहराकला
वित्तीय वर्ष - 2021-22
प्राक्कलित राशि - Rs. 11.956 लाख

प्रस्तुत प्राक्कलन जिसकी प्राक्कलित राशि 11.956 लाख है, मगना मलिक पं.अं. PMGSY
सड़क में महेश प्रसाद गुप्ता के घर से लक्ष्मीपुर सिमा तक प्रखण्ड- चैहराकला में यातायात बहाली हेतु आपातकालीन मरम्मत के
लिए तैयार किया गया है।

अभियंता प्रमुख, ग्रामीण कार्य विभाग, बिहार पटना के पत्रांक 4589 दिनांक 13/11/2021 द्वारा
दिये गये निर्देश के आलोक में उक्त पथ के क्षतिग्रस्त पथ में Bamboo pile Brick Bats & Local Sand भरकर पथ को चालू
करने का प्रावधान किया गया है। प्राक्कलन वर्तमान चलू अनुसूचित दर पर तैयार किया गया है। इसकी
घटनोत्तर स्वीकृति अपेक्षित है। MIS में प्राविष्टि की गई है। (प्राति संलग्न)।


06/12/2021

कनीय अभियंता

सहायक अभियंता


06.12.21

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल:-

Inspection Report for Flood Damage Work

Date:- 21/12/2021

1 Name of PIUs :- RWD. Works Division ~~Mathura~~ ~~East~~ Mathura

2 Name of Block/Road :- Chehrakala/Mathma Malik P.A. PMGSY Sadak me Mahesh Prasad
Gupta Kc Ghar to Laxmipur Sima Tak.

(A) For Road:

1. Damage Location/Chainage :- 150m to 500m
2. Damage Length :- 350m
3. Nature of Damage :- Shoulder and PCC bed.
4. Details of Restoration Works :-
 - (i) Material being used in Restoration works:- Sand Bag and Brick Red Bamboo
 - (ii) Equipment's/Tools being used in Restoration works:- 16339 Nos. 189.06m³ 3026.46m
 - (iii) Procedure taken up in Restoration works: Bamboo piling and Sand Bag Filling
 - (iv) Restored Length :- 350m

(B) For Bridge:

1. Damage Location/Chainage :- ~~Ch 150m to Ch 500m~~
 2. Damage Length :- 350m
 3. Nature of Damage :-
 4. Details 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 :-
- N/A

Work Found Satisfactory.


06/12/21
Signature of JE/AE/EE


06/12/21
AE


21/12/21
Signature
(Name of Inspection) E.E. Hazipur

GENERAL ABSTRACT

Name of Road	Mathna Malik P.A. PMGSY Sadak me Mahesh Prasad Gupta Ke Ghar se to Laxmipur Sima Tak
District	Vaishali
Block	Chehrakalan
Division	Mahua
Length of Road (in Km)	0.610 Km

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	Earthwork	0.000
2	Brick Bats	3.903
3	Sand Filling	0.000
4	Sand bag	6.433
5	H.P.	0.000
6	Bamboo piles	1.620
	SUB TOTAL	11.956
	GRAND SUB TOTAL	11.956

06/12/21
JE
RWD

06/12/24
AE
RWD

06-12-21
EE
RWD

As Per S.E. RWD (W) Circle Iduz
Letter No 1179 Dated 01/10/2021
Estimate has been verified by inspecting
E. E. RWD. (W) Division

Technically Sanctioned for Rs. 11.956 lacs (Rs. Eleven
lacs ninety five thousand six hundred) only (Provisionally)

30.12.21
Superintending Engineer
Rural Works Department
Work Circle; Muzaffarpur
30/12/21

Sl. No.	SDB SL NO	MORD Ref. No	Description	Unit	QUANTITY	RATE	AMOUNT (In Rs.)
1			Providing and Laying of Brick Bats Providing laying spreading & compacting Brick Bats including spreading in uniform thickness hand packing (Manual Means) As Per Appendix - I	Cum Total	189.06 189.06	2064.56	390325.71
2		WRD 5.7.40	Sand bag Providing including labour for filling empty cement bag with local sand, stitching the bag and placing including supply of sutali etc. all complete as per approved design, specification and direction of E/ As Per Appendix - IV	Nos Total	16339 16,339.00	39.37	643266.43
3		WRD 5.7.7	Labour for cutting and fixing of 62 mm to 75 mm dia bamboo piles to size and making shoes and driving etc. complete job as per specification and direction of E/I L=350*2=700+vertical 350*2.5=875 Total =700+875 M	M Total	3026.46 3,026.46	53.53	162006.40
Total Cost :-							1195598.54

[Signature]
06.12.21

[Signature]
06/12/21
J.E.

Name of Road :- Mathna Malik P.A. PMGSY Sadak me Mahesh Prasad Gupta Ke Ghar se to Laxmipur Sima Tak

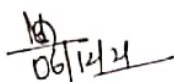
Block :- Chehrakalan

Appendix - I

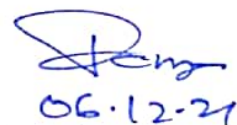
Measurement for Surfacing the breach Brick Bats								
S. No	Chainage (KM)	Nos	Length (M)	Width (M)	Av. Width (M)	Thickness (M)	Av. Thickness (M)	Quantity (Cum)
1		1	18.95	$(0.76+0.72)/2$	0.740	$(0.65+1.08)/2$	0.87	12.2
2		1	9.25	$(1.05+0.9)/2$	0.980	$(1.2+0.8)/2$	1.00	9.07
3		1	11.45	$(0.86+0.5)/2$	0.680	$(0.78+0.95)/2$	0.87	6.77
4		1	13.68	$(0.75+0.8)/2$	0.780	$(0.79+1.1)/2$	0.95	10.14
5		1	19.30	$(0.85+0.65)/2$	0.750	$(1.05+1.2)/2$	1.13	16.36
6		1	16.05	$(0.95+0.75)/2$	0.850	$(0.85+1.2)/2$	1.03	14.05
7		1	17.62	$(1.1+0.86)/2$	0.980	$(1.1+0.84)/2$	0.97	16.75
8		1	29.80	$(0.8+1.2)/2$	1.000	$(1.24+0.95)/2$	1.10	32.78
9		1	27.45	$(0.9+0.86)/2$	0.880	$(0.94+0.76)/2$	0.85	20.53
10		1	27.85	$(1.04+0.97)/2$	1.010	$(0.45+0.9)/2$	0.68	19.13
11		1	28.50	$(0.85+1)/2$	0.930	$(1.1+1.32)/2$	1.21	32.07
12		1	23.65	$(0.94+0.86)/2$	0.900	$(0.8+1.1)/2$	0.95	20.22
Total (Cum) :-								210.07
Deduction for Voids 10 % (Cum)								21.01
Total Quantity (Cum)								189.06


06/12/21

Junior Engineer,
Rural Works Department,
Work Section,
Mahua


06/12/21

Assistant Engineer,
Rural Works Department,
Work Sub Division,
Mahua


06.12.21

Executive Engineer,
Rural Works Department,
Work Division,
Mahua

Name of Road :- Mathna Malik P.A. PMGSY Sadak me Mahesh Prasad Gupta Ke Ghar se to Laxmipur Sima Tak

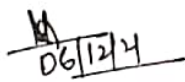
Block :- Chehrakalan

Appendix - IV

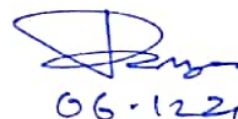
Measurement for sand filling in sand bag								
S. No	Chainage	Nos	Length (M)	Width (M)	Av. Width (M)	Thickness (M)	Av. Thickness (M)	Quantity (Cum)
1		1	29.54	(0.8+1.4)/2	1.100	(0.98+1.15)/2	1.070	34.77
2		1	14.20	(0.77+1.05)/2	0.910	(0.95+1.15)/2	1.050	13.57
3		1	21.50	(1.3+1.8)/2	1.550	(0.84+1.3)/2	1.070	35.66
4		1	13.85	(2.35+2.64)/2	2.500	(1.9+1.74)/2	1.820	63.02
5		1	19.25	(1.45+1.32)/2	1.390	(1.2+1.38)/2	1.290	34.52
6		1	16.48	(2.35+2.72)/2	2.540	(1.35+1.48)/2	1.420	59.44
7		1	29.85	(1.1+0.95)/2	1.030	(1.35+1.2)/2	1.280	39.35
8		1	20.68	(1.4+0.8)/2	1.100	(1.35+1.48)/2	1.420	32.3
9		1	29.45	(0.68+1)/2	0.840	(1.1+1.25)/2	1.180	29.19
10		1	29.60	(1+1.24)/2	1.120	(1.25+1.1)/2	1.180	39.12
11		1	6.52	(0.85+1.25)/2	1.050	(1.4+1.25)/2	1.330	9.11
12		1	25.20	(0.92+1.26)/2	1.090	(1.35+1.45)/2	1.400	38.46
13		1	28.56	(1.2+1.28)/2	1.240	(1.55+1.65)/2	1.600	56.66
14		1	18.45	(1.05+1.1)/2	1.080	(1.4+1.25)/2	1.330	26.5
15		1	21.50	(0.76+0.93)/2	0.850	(1.65+1.28)/2	1.470	26.86
16		1	24.60	(0.75+1.2)/2	0.980	(1.25+1.1)/2	1.180	28.45
Total								566.98
Nos of sand bag @0.0347 cum/bag								16339


06/12/21

Junior Engineer,
Rural Works Department,
Work Section,
Mahua


06/12/21

Assistant Engineer,
Rural Works Department,
Work Sub Division,
Mahua


06.12.21

Executive Engineer,
Rural Works Department,
Work Division,
Mahua

Appendix - IV
Bamboo Piling

S. No	Disc.	Length	C/C	No. of Vertical Post/ Runner	Av. Hight	Total Length in (M)
1	Vertical Post	349.23	0.450	776	3.000	2328.00
2	Runner	349.23		2		698.46
Total Length (m)						3026.46


06/12/21
J.E.


06/12/21
A.R.


06.12.21