



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

PLAN HEAD- FDR YEAR 2021-22

DISTRICT :- WEST CHAMPARAN
BLOCK :- NARKATIAGANJ

Estimate for Repair of Road breaches
(Damaged by Flood) for Moteribility in
BETIYA JILA ANTARGAT NKE PRAKHAND
KE BETIYA, SATHI NKE ROAD HAMIRPUR
DHALA To KHAP TOLA MAHADALIT BASTI

LENGTH OF ROAD (In Km)- 2.4 KM

ESTIMATED COST -	5.579	Lacs
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SUBMITTED BY:
EXECUTIVE ENGINEER,
RWD WORKS DIVISION,
NARKATIAGANJ

TECHNICAL REPORT

Name of Road :- *Betiya Jila Antargat NKE Prakhand Ke Betiya Sathi NKE Road Hamirpur Phala to Khap tota Mahadalit Basti*

Name of Block:- Narkatiyaganj

Name of Division:- Narkatiyaganj

Name of District:- West Champaran

Estimated Cost:- *5.579 Lacs*

This Estimate is prepared for Restoration of *Betiya Jila Antargat NKE Prakhand Ke Betiya Sathi NKE Road Hamirpur Phala to Khap tota Mahadalit Basti*

.....road under FDR as per the instruction of Secretary, Rural Works Department, Patna vide, शापांक:- मु0अ0 -4 (मु0) विविध (कार्य) 23 -60 /2020-1937 पटना, दिनांक 07.07.2021. Road remains effected from flood about 01 to 02 weeks and heavy amount of water passed through it.

Honorable Chief Minister/Secratery, Rural Works Department, Bihar, Patna/D.M., West Champaran, Bettiah/Concerned MP/MLA has instructed to maintain the traffic and movement of public etc. at the earliest so that public of this area may get connected and for the same Departmental instruction has also been issued to fill the gap made by flooded immediately.

The area surrounding is submerged in water and hence provision of *Brick Rats*has been made to maintain the road damage due to flood/heavy rainfall as per availability of material from available place by tractor. Presently there is no Contractor is employed for Construction and Maintenance of this road hence the work has been carried out Departmentally and due to this, provision of Contractor profit is not mentioned in the estimate.

In view of above, it is requested to approve the estimate amounting to Rs. *5.579 Lacs* please.

Submitted for ~~Technical~~ ^{Administrative} Approval please.

Bh...
07/11/2021
Junior Engineer,
Narkatiyaganj

Bh...
14/11/2021
Assistant Engineer,
Narkatiyaganj

Bh...
14/11/21
Executive Engineer
R.W.D.(W) Division, Narkatiyaganj

ग्रामीण कार्य विभाग
बिहार, सरकार

पत्रांक - मु0अ0-4 (मु0) विविध कार्य-23-60/2020 - 1937

पटना, दिनांक 07/07/2021

प्रेषक,

पंकज कुमार पाल (ना020से0)
सचिव

सेवा में,

सभी कार्यपालक अभियंता
ग्रामीण कार्य विभाग,

विषय-

बाढ़ अतिवृष्टि से क्षतिग्रस्त पथों/पुलियों को यातायात लायक (Motorable) करने
के संबंध में।

महाशय,

उपर्युक्त विषय के संबंध में निदेश दिया जाता है कि प्रमंडल अन्तर्गत सभी अभियंता बाढ़/अतिवृष्टि से क्षतिग्रस्त पथों का शत प्रतिशत निरीक्षण करेंगे। पथों/पुलियों के क्षतिग्रस्त भाग से पानी उतरते ही उसे यातायात लायक बनाने की कारवाई एवं Motorable किये जाने से पहले तथा Motorable कार्य के बाद का Real time, Geo tagged photographs को MIS पर तत्क्षण अपलोड किया जाना सुनिश्चित करेंगे। इन कार्यों को कराने हेतु कार्यपालक अभियंता पूर्ण रूप से जिम्मेवार होंगे। कार्य न कराने की स्थिति में उनके विरुद्ध अनुशासनिक कार्रवाई की बाध्यता होगी।

विश्वासभाजन

(पंकज कुमार पाल)

सचिव

ज्ञापांक- मु0अ0-4 (मु0) विविध कार्य-23-60/2020 - 1937

पटना, दिनांक 07/7/2021

प्रतिलिपि-सभी अधीक्षण अभियंता को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित। साथ ही उन्हें निदेश दिया जाता है कि वे लगातार अनुश्रवण एवं निरीक्षण करते हुए क्षतिग्रस्त भाग को अतिशीघ्र यातायात लायक बनवाने की कार्रवाई सुनिश्चित करेंगे।

सचिव

ज्ञापांक-मु0अ0-4 (मु0) विविध कार्य-23-60/2020 - 1937

पटना, दिनांक 07/7/2021

प्रतिलिपि-सभी मुख्य अभियंता, ग्रामीण कार्य विभाग को सूचनार्थ एवं लगातार अनुश्रवण करने हेतु प्रेषित।

सचिव

कार्यपालक अभियन्ता का कार्यालय

ग्रामीण कार्य विभाग, कार्य प्रमंडल, बेतिया

प्रेषक:-

पत्रांक-..... / बेतिया, दिनांक..... /

सेवा में,

कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, बेतिया।

विषय :-

अधीक्षण अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य अंचल, बेतिया।

प्रसंग:-

कार्य प्रमंडल, नरकटियागंज में वर्ष 2021 के बाढ़ में क्षतिग्रस्त पथों को मोटरेबुल कराने हेतु किये गये कार्यों की जाँच के संबंध में।
भवदीय पत्रांक-1325/बेतिया, दिनांक-14.11.2021 एवम् अभियन्ता प्रमुख, ग्रामीण कार्य विभाग, बिहार, पटना का पत्रांक-मु0अ0-4(मु0) विविध (कार्य)-23-291 / 2019-4589, दिनांक-13.11.2021।

महाराज,

उपर्युक्त विषयक एवम् प्रासंगिक पत्र के अनुपालन में कार्य प्रमंडल, नरकटियागंज द्वारा उपलब्ध कराये गये मोटरेबुल पथों की सूची में अंकित पथों का अधोहस्ताक्षरी द्वारा सहायक अभियन्ता के साथ निरीक्षण किया गया। निरीक्षण के दौरान कार्य प्रमंडल, नरकटियागंज द्वारा प्रतिवेदित सभी पथों पर कार्य कराया गया है एवम् यातायात चालु है।

सादर सूचनार्थ एवम् अग्रत्तर कार्रवाई हेतु समर्पित।

अनु0- निरीक्षण किये गये पथों की सूची।

विश्वासभाजन,

sol

कार्यपालक अभियन्ता
ग्रा0का0वि0, का0प्र0, बेतिया।

ज्ञापांक- 3244(अनु0)/बेतिया, दिनांक- 25/11/2021 /

प्रतिलिपि:- कार्यपालक अभियन्ता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, नरकटियागंज को सूचनार्थ सम्प्रेषित।

Alakh
25.11.21

कार्यपालक अभियन्ता
ग्रा0का0वि0, का0प्र0, बेतिया।

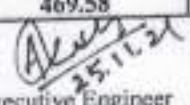
FDR list 2021 (Temporary Restoration)

Sl.No.	Block Name	Name of Road	Length of road (KM)	Amount (in Lac)
1	Narkatiaganj	T01 To Khairwa	3.45	10.439
2	Narkatiaganj	T01 Mathura to Belwaria	1.556	16.901
3	Narkatiaganj	PWD Road To Bazar Tola	3.645	4.386
4	Narkatiaganj	Binwariya To Barwa	2.055	1.066
5	Narkatiaganj	REO Road To Pachamwa	13.077	12.093
6	Narkatiaganj	REO Road To Bargajwa	2.53	3.769
7	Narkatiaganj	Katgharwa To Rajpur	6.927	8.735
8	Narkatiaganj	Rajpur To Katgharwa	2.7	3.341
9	Narkatiaganj	PWD Road NKE Bettah Main Road Koigama Chowk To Vikrampur Hote Hue Rajpur PMGSY Tak Sadak Nirman	2.52	7.169
10	Narkatiaganj	Serahwa To Pipra	2.6	4.016
11	Narkatiaganj	Serahwa To Takiya	3.06	4.572
12	Narkatiaganj	Marhiya To Banwariya Mandir	1.8	4.371
13	Narkatiaganj	L022 To Rakhai	3.85	6.261
14	Narkatiaganj	Samhuta To Belwa Murli	6.6	11.466
15	Narkatiaganj	T01 To Amwa Tola	2.04	8.691
16	Narkatiaganj	Pokhariya To Trilokwa	11.32	8.916
17	Narkatiaganj	Rampur L024 To Berwa Barauli	2.622	4.178
18	Narkatiaganj	Dhobha L022 To Inderwa	6.182	5.512
19	Narkatiaganj	Gopalpur to Phulwariya	1.6	7.521
20	Narkatiaganj	NKE Manjharis Manwaparsi To Ekdarwa	14.5	31.46
21	Narkatiaganj	Ajua PWD Road To Ledhiharwa	6.7	1.406
22	Narkatiaganj	Satwariya To Manjharis	1.92	20.647
23	Narkatiaganj	Shikarpur To Malda	1.45	7.289
24	Narkatiaganj	Chintamanpur To Malda	1.98	12.395
25	Narkatiaganj	Narkatiaganj To mainatand	3.25	7.286
26	Narkatiaganj	Phulwariya PMGSY To Purwi Tola	3.34	8.425
27	Narkatiaganj	Marhya Brahm Sthan To Chaturbhujwa	1.935	9.704
28	Narkatiaganj	Hichhopal To Bhasurari	8.9	12.682
29	Narkatiaganj	PWD Road To Sugauli	1.335	5.084
30	Narkatiaganj	Matiyaria PMGSY To Sherahwa	1.485	7.672
31	Narkatiaganj	L021 To Nautanwa	1.2	5.405
32	Narkatiaganj	Matiyaria PMGSY To Chaturbhujwa	2.83	3.35
33	Narkatiaganj	T03 To Bijwaniya	1.75	3.452
34	Narkatiaganj	NKE Thori Main Road To Mai Sthan Via Daharwa Tola	2.75	7.846
35	Narkatiaganj	Betiya Jila Antargat NKE Prakhand Ke Betiya Sathi NKE Road Hamirpur Dhala To Khap Tola Mahadalit Basti	2.4	5.579
36	Narkatiaganj	Main Road Padariya To Kukara Part I	2.365	8.194
37	Narkatiaganj	Primary School Amwa To Bhagwanpur Tola Kesharia	1.5	3.082
38	Narkatiaganj	Bettiah P.W.D. Path Me Koerganwa Nabkatola Chowk To Puraniya Harijan Patti Tak Kalikaran	2.5	3.804

82	Chanpatiya	Chanpatiya Lalgadh karnemiya to tirhutiya chowk via lalgadh	3.6	0.88
83	Chanpatiya	Chaubey tola math to Primary school	1.6	0.985
84	Chanpatiya	Chiran Chowk to Anil Prasad	1.6	0.978
85	Chanpatiya	Hira Mukhiya to ratan thakar road	0.93	3.457
86	Chanpatiya	Kuriya kothi to Mahra via chuhari	9.5	15.556
87	Chanpatiya	Mahaveer Chowk to Maluniya via Pipra Naurangiya	2.3	0.978
88	Chanpatiya	Narkatiaganj Transformer to Yamuna ram	0.87	1.158
89	Chanpatiya	Bettiah Mainatand Road to Ranipur	1.1	1.893
90	Mainatand	Marjadwa to Balirampur	9.4	2.811
91	Mainatand	Ganhariya to Manpur	2.7	7.545
92	Mainatand	Shinghashani to Sberahwa	11.6	12.856
93	Mainatand	Jabdi to Shahpur Parsa	1.75	9.873
94	Mainatand	Hardiya to Pachgachhiya	2.495	1.915
95	Mainatand	Done Canal to Padariya	8.875	20.794
96	Mainatand	T02 to Rampur	1.492	9.296
97	Gaunaha	PWD Road to Banbsiriya	5.172	1.868
98	Gaunaha	PWD Road to Parsauni	3.243	17.752
99	Gaunaha	Narkatiaganj to Mahuwa Parsa	22.4	4.891
100	Gaunaha	REO Road to Mahuwa Bhusa	2.55	4.16
101	Gaunaha	Bairiya to Parsa road	4.404	2.729
102	Gaunaha	Sahodra to Domath	5	1.898
103	Gaunaha	Domath to Ratni	1.293	0.825
104	Gaunaha	PWD Road to Badauli	1.94	3.67
105	Gaunaha	Amolwa PMGSY Road to Bharhwa	1.85	0.768
106	Gaunaha	L037 to Nahariya tola	2.35	1.57
107	Gaunaha	Semra Sri rampur to Bairathwa	1.65	1.384
108	Gaunaha	Triveni Canal T04 to Kharkatwa	2.99	3.696
109	Gaunaha	Laxmipur Chhathiya Ghat to Khadwa tola	1.185	3.998
110	Gaunaha	Mainatand to Ramnagar	18.43	2.158
111	Sikta	Sikta to Khap tola	8.363	5.477
112	Sikta	Sikta to Bishnpur	8.3	6.65
113	Sikta	Baishakhwa to Sikta	9.915	14.776
114	Sikta	Parsa to Jagiraha	1.406	7.212
115	Sikta	L040 Dhankutwa Mandir Chowk to Jagiriya tola	2.168	6.842
116	Sikta	Ekdari to Biraith	8.47	25.955
117	Sikta	L040 to Lakhaure	2.638	11.542
118	Sikta	Sikta to Surajpur	1.21	14.179
119	Sikta	Sikta to Chhapaniya	3.87	16.762
120	Sikta	L038 to Dakshin tola	1.5	3.963
121	Sikta	Bettiah Mainatand PWD Road to Sirisiya Bazar	4.8	4.139
122	Sikta	Balthar to Bhawari	4.982	12.05
123	Sikta	Guleriya to Mushar toli	0.89	6.785
124	Sikta	Bisbakhwa to Sargatiya	3	7.281
125	Sikta	PWD Bettiah Mainatand road to Marjadwa via gauripur	6.5	10.44
126	Sikta	Jhumka to Dhukhi Chhapar	4	11.32
127	Sikta	Sikta to Bheriharwa	9.36	10.083
128	Sikta	Dumra to Narkatiya	4.469	10.053

AL.

129	Sikta	Sikta to Sundargawan	3.079	4.453
130	Sikta	L038 to Jhakhara	1.5	4.175
131	Sikta	Gram Guleriya to tatwa guleriya hote hue bishambhara dhukhi chhapar high School	4.305	6.044
132	Sikta	L057 to Khap tola	1.275	1.538
Total			469.58	922.934


 Executive Engineer
 Rural Works Department
 Work Division, Bettiah

GENERAL ABSTRACT OF COST

ESTIMATE FOR REPAIR OF ROAD BREACHES (DAMAGED BY FLOOD) FOR
MOTERIBILITY IN BETIYA JILA ANTARGAT NKE PRAKHAND KE BETIYA,
SATHI NKE ROAD HAMIRPUR DHALA TO KHAP TOLA MAHADALIT BASTI

DISTRICT - WEST CHAMPARAN

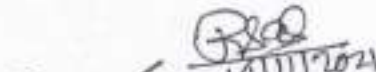
DIVISION - NARKATIAGANJ

BLOCK - NARKATIAGANJ

LENGTH OF ROAD (in Km)- 2.4 KM

SL. No.	Item of Work	Amount
1	EARTH WORK	
2	BRICK BATS	0.000 Lacs
3	SAND BAGS	4.585 Lacs
4	BAMBOOS PILING AND RUNNER	0.000 Lacs
5	HUME PIPE	0.000 Lacs
	COST OF RESTORATION	0.000 Lacs
	ADD SEIGNIORAGE FEE @ 10% OF MATERIAL COST	4.585 Lacs
	ADD LABOUR CESS @ 1%	0.398 Lacs
	ADD GST @ 12%	0.046 Lacs
		0.550 Lacs
	TOTAL COST OF RESTORATION OF ROAD	5.579 Lacs


Junior Engineer


Asstt. Engineer


Executive Engineer

Technically sanctioned/ approved for Amount ₹ 5.579 Lacs (Rupees Five lacs fifty seven thousand nine hundred) Only including G.S.T., L.C.E.S & S. Fee.


Superintendent Engineer
Rural Works Department
Works Circle, Bettiah
Govt. of Bihar

Name of Work:-

Estimate for Repair of Road breaches (Damaged by Flood) for Motorability in BETIYA JILA
ANTARGAT NKE PRAKHAND KE BETIYA, SATHI NKE ROAD HAMIRPUR DHALA To KHAP TOLA
MAHADALIT BASTI

Head - FDR

SI No.	Item No.	Name of Item	unit	No	Length	Width	Height	Qty.	Rate	Amount
1		EARTH WORK - Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5	cum		As Per Appendix I			0	134.33	0
2		Providing and Labour for consolidation in Jhama metal by Road Roller in proper grade camber and super elevation dry and wet rolling including cost of running charge of roller driver and khalasi making and maintaining diversion light barrier - do - do - danger signal etc. all complete.	cum		As Per Appendix II			0.000	0.00	0.00
3		Providing and Labour for laying dry graded Brick Bats including light ramming etc. all complete as per approved design, specification and direction of E/I.	cum		As per Mesurment Sheet			213.990	2142.53	458479.99
4		Providing, Filling Sand Bag, Stitching and Placing etc. all complete as per specification and direction of E/I.	Nos.		As per Mesurment Sheet			0.000	19.67	0.00
5		Providing and Labour for cutting 62 mm to 75 dia Bamboo piles to size and making shoes and driving etc. complete job as per specification and direction of E/I.	RM		As per Mesurment Sheet			0.000	47.61	0.00
6		Providing and Labour for fitting & fixing 62 mm to 75 dia Bamboo runners in position at every vertical pile with 150 mm long nails or 38 swg G.I. wire including cost of G.I. wire or nails etc. complete job as per specification and direction of E/I.	RM		As per Mesurment Sheet			0.000	26.85	0.00
7		Providing and laying 1000 mm dia reinforced cement concrete pipe NP3 for culvert on first class bedding of granular material in single row excluding excavation, protection works, backfilling, concrete and masonry.	RM		0 Nos*2.5m			0.000	6287.65	0.00
8		Providing and laying 600 mm dia reinforced cement concrete pipe NP3 for culvert on first class bedding of granular material in single row excluding excavation, protection works, backfilling, concrete and masonry.	RM		0 Nos*2.5m			0.000	2625.98	0.00
TOTAL (in Re.)										458479.99

[Signature]
14/11/2024

Junior Engineer,
Rural Works Department,
Works Section, NARKATIAGANJ

[Signature]
14/11/2024

Assistant Engineer,
Rural Works Department,
rks Sub Division, NARKATIAGA

[Signature]
14/11/2024

Executive Engineer,
Rural Works Department,
Works Division, NARKATIAGANJ

SEIGNIORAGE FEE CALCULATION SHEET

Item description	unit	Quantity of Consuming Item	Materials Required/ Unit	Unit	Quantity/ Unit	Total Quantity Required	Rate	Amount	Seigniorage Fee (RS)	Final Amount (RS)
Earth Work	Cum	0.00	Earth	Cum	1.0	0.00	34.82	0.00	0.00	0.00
Brick bats	Cum	213.99	Brick bats	Cum	1.2	256.79	1549.51	397895.57	39789.56	39789.56
Sand Bags	per bag	0.00	sand	Cum	0.034	0.00	286.55	0.00	0.00	0.00
Total Amount of seigniorage fee in construction (Rs)										39789.56

Signature
8.12

Signature
सहायक अभियंता
ग्रामीण कार्य विभाग
कार्य अवर प्रमंडल, नरकटियागंज

Signature
कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, नरकटियागंज

Name of Work:-

Estimate for Repair of Road breaches (Damaged by Flood) for
Moteribility in BETIYA JILA ANTARGAT NKE PRAKHAND KE
BETIYA, SATHI NKE ROAD HAMIRPUR DHALA To KHAP TOLA
MAHADALIT BASTI

Appendix - II						
Measurement for surfacing the Breach with Brick Bats						
Sl. No.	Chainage	Nos	Length (M)	Av. Width (M)	Thickness (M)	Quantity (cum)
1		1	30.00	3.50 Av.	0.60 Av.	63.00
2		1	20.00	2.60 Av.	0.30 Av.	15.60
3		1	35.00	3.00 Av.	0.45 Av.	47.25
4		1	50.00	2.60 Av.	0.30 Av.	39.00
5		3	15.00	1.10 Av.	0.60 Av.	29.70
6		2	16.00	1.80 Av.	0.25 Av.	14.40
7		1	8.00	2.10 Av.	0.30 Av.	5.04
Total						213.99
Deduction for 0Nos old 1000 mm HP at 0 m (3.142*0.36*0)						0.00
Deduction for 0Nos old 600 mm HP at 0 m (3.142*0.22*0)						0.00
Net Quantity of Brick Bats						213.99


Junior Engineer


Asistant Engineer


Executive Engineer



14/11/21
 JRE

14/11/2021
 JRE