

GOVERNMENT OF BIHAR
UNDER FLOOD DAMAGE REPAIR
Estimate for Restoration of Traffic

DISTRICT :	WEST CHAMPARAN	BLOCK :	NARKATIAGANJ
YEAR(2020-2021)			
NAME OF ROAD :	MATYARIA PMGSY TO SHERAHWA		
TOTAL LENGTH	:	0.232	KMS
COST OF PAVEMENT (RS.)	:	520433.65	LACS
TOTAL COST OF ROAD (RS.)	:	520433.65	LACS
SUBMITTED BY			
Executive Engineer RWD			
Works Division, Narkatiaganj			

TECHNICAL REPORT

Name of Road :- Matiyasia Pragsy to Sheshnua

Name of Block :- Narkatiaganj

Name of Division :- Narkatiaganj

Name of District :- West Champaran

Estimated Cost :- 2.39942 Lakh

Restoration Length :- 0.232 KM

This Estimate is prepared for Restoration of Matiyasia Pragsy to Sheshnua

.....road under FDR as per the instruction of Secretary, Rural Works Department, Patna vide, झापांक:- मु0अ0 -4 (मु0) विविध (कार्य) 23 -40 /16-2254 पटना, दिनांक 30.06.2020. Road remains effected from flooded about 01 to 02 weeks and heavy amount of water passed through it.

Honorable Chief Minister/Secretary, 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 Earthwork & Brick bat 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. 2.39942 please. Submitted for Technical Approval please.

B. Kumar.
23/12/2020
Junior Engineer,
Narkatiaganj

R.S.
23/12/2020
Assistant Engineer,
Narkatiaganj

R.
23/12/2020
Executive Engineer
R.W.D.(W) Division, Narkatiaganj

कार्यपालक अभियन्ता का कार्यालय

ग्रामीण कार्य विभाग, कार्य प्रमंडल, बगहा-2

पत्रांक-.....१८५५...../ बगहा-2, दिनांक-.....२५.११.२०/२०२०/

प्रेषक:-

कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, बगहा-2।

सेवा में,

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

विषय:- वर्ष 2020 के बाढ़ में क्षतिग्रस्त पथों को मोटरेबुल कराने हेतु किये गये कार्यों की जाँच के संबंध में।

प्रसंग:- भवदीय पत्रांक-1312/बेतिया, दिनांक-26.08.2020।

महाशय,

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 श्री दिगम्बर झा एवम् श्री नन्द किशोर साह के साथ निरीक्षण किया गया। निरीक्षण के दौरान का प्रमंडल, नरकटियागंज द्वारा प्रतिवेदित सभी पथों पर कार्य कराया गया है एवम् यातायात चालु है।

सादर सूचनार्थ एवम् अग्रेत्तर कार्रवाई हेतु समर्पित।

अनु०:- निरीक्षण किये गये पथों की सूची।

विश्वासभाजन,

(दिगम्बर झा)

सहायक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा-2

(नन्द किशोर साह)

सहायक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा-2

(आनन्द बिहारी झा)

कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा-2

ज्ञापांक-.....१८५५...../बगहा-2, दिनांक-.....२५.११.२०/२०२०/

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

कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा-2

34	Sikta	Sikta to Bheriharwa	0.133	19,72,961.00
35	Sikta	Sikta to Surajpur	0.028	4,39,443.00
36	Sikta	Sikta to Chhapaniya	0.098	9,97,953.00
37	Sikta	Sikta to Ekdeyari	0.09	5,29,712.00
38	Sikta	Sikta to Khap tola	0.083	7,67,337.00
39	Sikta	Sikta to Sundergawan	0.109	6,60,731.00
40	Sikta	T03 to Dharampur	0.284	16,76,700.00
41	Sikta	Baishakhwa to Sargatiya	0.029	3,90,616.00
42	Sikta	Bishkhawa to Sikta	0.048	9,58,963.00
43	Sikta	Dhamaura to Narkatia	0.052	6,71,372.00
44	Gaunaha	Gaunaha Rly Station to Sithi	0.12	11,06,352.00
45	Gaunaha	Marjadi to Marjadpur	0.11	16,66,842.00
46	Gaunaha	Mehnaul kal to Hardi	0.13	14,33,177.00
47	Gaunaha	PWD Road to Dhamaura	0.045	2,89,055.00
48	Gaunaha	RWD Road to Harpur	0.095	9,21,546.00
49	Gaunaha	REO Road to Mahuawa Bhusha	0.07	13,11,852.00
50	Narkatiaganj	REO Road to Panchamwa	0.475	16,29,029.00
51	Narkatiaganj	Pokhariya to Somgadh	0.675	15,20,124.00
52	Narkatiaganj	Maniyari Bridge to Bridge	0.16	7,47,248.00
53	Narkatiaganj	Sisai to Rakhai	0.11	3,24,989.00
54	Narkatiaganj	T01 to Chintawanpur	0.35	13,45,653.00
55	Narkatiaganj	Satwariya to Manjhariya	0.378	15,92,386.00
56	Narkatiaganj	NKE PWD Road se Khap tola to Mahadalit Basti hote hue Dhaminaha Basti	0.212	6,36,513.00
57	Narkatiaganj	T01 to Senuriya Naya tola	0.06	6,21,851.00
58	Narkatiaganj	Siswa to Roari	0.08	7,55,945.00
59	Narkatiaganj	Dhobaha to Inarwa	0.44	16,27,769.00
60	Narkatiaganj	Barai tola to Bhashurari Petrol Pump via Sikarpur bairia	0.362	14,62,769.00
61	Narkatiaganj	PWD Road to Bazar tola	0.24	4,60,545.00
62	Narkatiaganj	Sathi to Dharampur	0.63	15,25,968.00
63	Narkatiaganj	Midraul PMGSY to Balua Path	0.85	6,36,832.00
64	Narkatiaganj	Binwaliya to Barwa	0.235	6,20,616.00
65	Narkatiaganj	Matiyariya PMGSY to Sherahwa	0.232	2,39,942.00
66	Narkatiaganj	Mathura to Belwaniya	0.302	7,34,549.00
67	Narkatiaganj	Marhiya to Banwaria	0.255	4,27,695.00
68	Narkatiaganj	L022 to Barwa Baruli	0.1	14,27,512.00
69	Narkatiaganj	Narkatiaganj Manjahriya to Manwa parsi Ekderwa	0.26	14,65,222.00
70	Narkatiaganj	Gopalpur to Fhulwariya	0.475	7,91,830.00

Name of Road: MATIYARIA PMGSY TO SHERAHWA
District: WEST CHAMPARAN

Block: NARKATTIAGANJ Length: 232.000 m
Cutting length 232 M

S. No.	SOR Item No.	Description	No	Length (M)	Width (M)	H/D (M)	Qty.	Unit	Rates (in Rs.)	Amount
1	2.13. C	Removal of Hume pipe Removing all types of Hume pipes and stacking within a lead of 1000 m including Earthwork and Dismantling of Masonry Works as per Technical Specification Clause 202.								
			0	0.00		0	0.00			
							0.00	M	381.23	0.00
2		Providing and laying reinforced cement concrete pipe NP3 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry								
							0.00	M	4744.43	0.00
3	3.3	(B) EARTHWORK Construction of Embankment with Material Obtained from Roadway cutting								
		Construction of embankment with approved materials deposited at site from roadway cutting and excavation from drain and foundation of other structures graded and compacted to meet requirement of Tables 300.1 and 300.2 as per Technical Specification Clause 301.5 excluding C.P.								
		As per measurement					208.400	Cum.	25.32	5276.69

23/11/2020
J.R.

S. No.	SOR Item No.	Description	No	Length (M)	Width (M)	H/D (M)	Qty.	Unit	Rates (in Rs.)	Amount
4	RCD	Placing Tractor at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip excluding C.P. including Carriage								
		As per measurement								
5	RCD	Laying brick bats on prepared soil surface as per Specification & direction of Engineer Incharge					208.400	cum	450.77	93941.11
6	RCD	Laying Jhama metal on prepared soil surface as per Specification & direction of Engineer Incharge					201.09	cum	1703.77	342603.32
							0.00	cum	2106.67	0.00
7	RCD(12.9)	Laying filled sand bag, stitching and placing etc.all complete as per specification and direction of Engineer Incharge	0				0.00	per bag	24.59	0.00
		Total Road work								
		Say Rs. (Lac)								441821.12
		Add GST @12%								441821.12
		Add Labour Cess @1%								53018.53
		Add Seignrage Fee@10% of basic material rate								4418.21
		Total Cost of work								21175.78
										520433.65

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23/12/2020
AF

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23/12/2020
J.E

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23/12/2020
E.E

Technically approved for Amount ₹ 5,20,434.00 (Five
lacs twenty thousand four hundred thirty four) only.

[Signature]
31/12/20
Superintendent Engineer
Rural Works Department
Works Circle, Bettiah
Govt. of Bihar

No

2

2

2

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DT

Detailed Measurement(EARTHWORK)				
No	L(m)	W(m)	D(m)	Qty(cum)
2	40	$(1.0+1.2)/2$	$(1.0+1.25+1.5)/3$	110.000
2	12	$(1.4+1.6)/2$	$(0.90+0.70+0.30)/3$	22.800
2	50	$(0.8+1.0)/2$	$(0.6+0.8)/2$	63.000
4	7	$(0.75+1.25)/2$	$(0.60+0.30)/2$	12.600
TOTAL	232			208.40

Detailed Measurement(BRICK BAT)				
No	L(m)	W(m)	D(m)	Qty(cum)
1	35	$(2.0+2.6)/2$	$(1.0+1.25+1.5)/3$	100.625
2	12	$(1.8+2.0)/2$	$(0.90+0.70+0.30)/3$	23.180
1	30	$(2.5+3.0)/2$	$(0.6+0.8)/2$	57.750
2	7	$(3.0+3.2)/2$	$(0.60+0.30)/2$	19.530
TOTAL	232			201.09


 23/12/2020
 J.E


 23/12/2020
 A.E


 23/12/20
 E.E

Latitude: 27.096277
 Longitude: 84.428833
 Elevation: 129.58 m
 Accuracy: 1.5 m
 Time: 26-09-2020 14:41
 Note: mangrove project



Latitude: 27.096277
 Longitude: 84.428833
 Elevation: 129.58 m
 Accuracy: 1.5 m
 Time: 26-09-2020 14:42
 Note: mangrove project



Latitude: 27.093555
 Longitude: 84.428833
 Elevation: 129.58 m
 Accuracy: 1.5 m
 Time: 26-09-2020 14:42
 Note: mangrove project



P. Kumar
 23/12/20

J.R

G. S. S.
 23/12/2020
 A-E