

GOVERNMENT OF BIHAR

UNDER FLOOD DAMAGE REPAIR

Estimate for Restoration of Traffic

DISTRICT :	WEST CHAMPARAN	BLOCK :	NARKATIAGANJ
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YEAR(2020-2021)

NAME OF ROAD :	SATHI(HICHHOPAL) TO BHASURARI
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TOTAL LENGTH	:	0.680	KMS	
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COST OF PAVEMENT (RS.)	:	1544539.36		
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TOTAL COST OF ROAD (RS.)	:	1544539.36		
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SUBMITTED BY

Executive Engineer RWD

Works Division, Narkatiaganj

TECHNICAL REPORT

Name of Road :- Sathi (Hichhopal) to Bhasuani

Name of Block:- Narkatiyaganj

Name of Division:- Narkatiyaganj

Name of District:- West Champaran

Estimated Cost:- 15.44539 Lakh

Restoration Length:- 0.680 KM

This Estimate is prepared for Restoration of Sathi (Hichhopal) to Bhasuani

.....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/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 Earthwork, Boil & bit 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. 15.44539 Lakh please.

Submitted for Technical Approval please.

B. K. Mahanta
23/12/20
Senior Engineer,
Narkatiyaganj

B. K. Mahanta
23/12/2020
Assistant Engineer,
Narkatiyaganj

P. K. Mahanta
23/12/20
Executive Engineer
R.W.D.(W) Division, Narkatiyaganj

कार्यपालक अभियन्ता का कार्यालय

ग्रामीण कार्य विभाग, कार्य प्रमंडल, बगहा-2

पत्रांक-.....954...../ बगहा-2, दिनांक-.....24.1.12/2020/

प्रेषक:-

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

सेवा में,

अधीक्षण 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 कार्य प्रमंडल, नरकटियागंज द्वारा प्रतिवेदित सभी पथों पर कार्य कराया गया है एवम् यातायात चालु है।

सादर सूचनार्थ एवम् अग्रेत्तर कार्रवाई हेतु समर्पित।

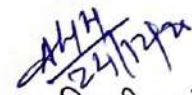
अनु०:- निरीक्षण किये गये पथों की सूची।

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-.....954...../बगहा-2 दिनांक-.....24.1.12/2020/

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


कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा-2

71	Narkatiaganj	L022 to Rakhahi	0.302	4,15,914.00
72	Narkatiaganj	Belwa to Sirisiya	0.446	12,52,033.00
73	Narkatiaganj	Pokhariya to Trilokwa	0.315	9,10,369.00
74	Narkatiaganj	REO Road to Bargajwa	0.24	5,73,469.00
75	Narkatiaganj	Koirgaun to Rampur	0.076	15,53,505.00
76	Narkatiaganj	Bargajwa me transformar Kabristan to Manjhi Sha ke Dukan tak	0.28	6,74,805.00
77	Narkatiaganj	Sathi to Bhashurari (Hichhopal)	0.68	15,44,539.00
78	Narkatiaganj	Semra Mandir to Pipra me Ramprawesh Ke ghar tak	0.22	3,10,358.00
79	Narkatiaganj	Sikarpur to Malda	0.21	16,57,218.00
Total			15.664	7,47,61,792.00

24/12/20
OE

24/12/20
कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल नरकटियागंज

24/12/20
Executive Engineer
RWD (W) Div., Bagaha-2

COST ESTIMATE FOR traffic Restoration

Name of Road: **SATHI(HICHHOPAL) TO BHASURARI**
District: **WEST CHAMPARAN**

Block: **NARKATIAGANJ** Length: **680.000 m**
Cutting length **680 M**

S. No.	SOR Item No.	Description	No	Length (M)	Width (M)	H/D (M)	Qty.	Unit	Rates (in Rs.)	Amount
		(B) EARTHWORK								
3	3.3	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					682.250	Cum.	25.32	17274.57
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					682.250	cum	450.77	307539.95
5	RCD	Laying brick bats on prepared soil surface as per Specification & direction of Engineer Incharge								
		As per measurement					579.75	cum	1703.77	987755.65
		Total Road work								1312570.17
		Say Rs. (Lac)								1312570.17
		Add GST @12%								157508.42
		Add Labour Cess @1%								13125.70
		Add Seignrage Fee@10% of basic material rate								61335.06
		Total Cost of work								1544539.36

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Technically approved for Amount ₹ 15,44,539 = ₹
(Fifteen lacs forty four thousand five hundred and
thirty nine rupees) only.

31.12.22
Superintendent Engineer
Rural Works Department
Works Circle - Bettiah
Govt. of Bihar

Detailed Measurement(EARTHWORK)				
No	L(m)	W(m)	D(m)	Qty(cum)
1	50	$(1.4+2.0)/2$	$(1.5+2.0)/2$	148.750
2	40	$(1.0+1.5+2.0)/3$	$(0.75+1.0+1.25)/3$	120.000
3	20	$(1.5+2.5)/2$	$(0.60+0.30)/2$	54.000
5	10	$(1.25+1.75)/2$	$(0.60+0.2)/2$	30.000
2	15	$(0.5+1.0+1.5)/3$	$(0.5+1.0+1.5)/3$	30.000
4	25	$(0.5+1.0)/2$	$(0.5+0.75+1.0)/3$	56.250
20	5	$(1.0+1.2)/2$	$(0.75+1.0)/2$	96.250
5	10	$(0.8+1.0)/2$	$(1.2+1.5)/2$	60.750
1	60	$(1.0+1.5)/2$	$(0.3+0.4)/2$	52.500
2	50	$(0.5+1.0)/2$	$(0.3+0.6)/2$	33.750
TOTAL	680			682.25

Detailed Measurement(BRICK BAT)				
No	L(m)	W(m)	D(m)	Qty(cum)
1	40	$(1.4+2.0)/2$	$(1.0+1.5)/3$	85.000
1	25	$(3.6+2.5)/2$	$(0.60+0.30)/2$	34.313
5	10	$(3.2+2.4)/2$	$(0.60+0.2)/2$	56.000
1	20	$(3.0+3.5+4.0)/3$	$(0.6+1.0+1.5)/3$	72.333
1	25	$(2.5+3.5)/2$	$(0.3+0.45+0.6)/3$	33.750
2	5	$(2.0+2.2)/2$	$(0.3+0.6)/2$	9.450
2	10	$(2.2+2.4)/2$	$(0.6+0.9)/2$	34.500
TOTAL				325.35

RE DAMAGED(MEASUREMENT)

Detailed Measurement(BRICK BAT)				
No	L(m)	W(m)	D(m)	Qty(cum)
1	40	$(1.4+2.0)/2$	$(1.0+1.5)/3$	85.000
1	20	$(3.6+2.5)/2$	$(0.60+0.30)/2$	27.450
2	10	$(3.2+2.4)/2$	$(0.60+0.2)/2$	22.400
1	25	$(2.5+3.5)/2$	$(0.3+0.45+0.6)/3$	33.750
4	5	$(2.0+2.2)/2$	$(0.3+0.6)/2$	18.900
2	10	$(2.2+2.4)/2$	$(0.6+0.9)/2$	34.500
1	60	$(1.0+1.4)/2$	$(0.3+0.6)/2$	32.400
TOTAL				254.40

Byman
23/12/2020
J.E.

P.S.
23/12/2020
A.E.

P
23/12/20
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