

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 :	BELWA TO SIRISIA
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TOTAL LENGTH	:	0.446	KMS	
COST OF PAVEMENT (RS.)	:	1252033.28	LACS	
TOTAL COST OF ROAD (RS.)	:	1252033.28	LACS	

SUBMITTED BY

Executive Engineer RWD

Works Division, Narkatiaganj

TECHNICAL REPORT

Name of Road :- Belwa to Sirisia

Name of Block :- Narkatiyaganj

Name of Division :- Narkatiyaganj

Name of District :- West Champaran

Estimated Cost :- 12.52033 Lakh

Restoration Length :- 0.446 Km

This Estimate is prepared for Restoration of Belwa to Sirisia

.....road under FDR as per the instruction of Secretary, Rural Works Department, Patna vide,
ज्ञापक:- मु0अ0 -4 (मु 0) 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
..... Boil 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. 12.52033 Lakh please.

Submitted for Technical Approval please.

23/12/2020
Engineer,
Narkatiyaganj

23/12/2020
Assistant Engineer,
Narkatiyaganj

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-.....24/12/2020/

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।

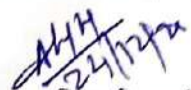
अनु०:- निरीक्षण किये गये पथों की सूची।


24/12/20

(दिगम्बर झा)
सहायक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा-2

(नन्द किशोर साह)
सहायक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा-2

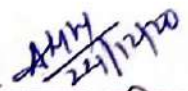
विश्वासभाजन,


24/12/20

(आनन्द बिहारी झा)
कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा-2

ज्ञापांक-.....954...../ बगहा-2 दिनांक-.....24/12/20/

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


24/12/20

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	Koirdgaun 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

Handwritten signature and date 24/12/20

Handwritten signature and date 24/12/20
 कार्यपालक अभियंता
 ग्रामीण कार्य विभाग
 कार्य प्रमंडल नरकटियागंज

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

Block:	NARKATTAGANJ	Length:	446.000 m
		Cutting length	446 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
		(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					326.233	Cum.	25.32	8260.23

23/12/2022

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					326.233	cum	450.77	147057.21
5	RCD	Laying brick bats on prepared soil surface as per Specification & direction of Engineer Incharge								
		As per measurement					530.54	cum	1703.77	903922.89
6	RCD	Laying Jhama metal on prepared soil surface as per Specification & direction of Engineer Incharge								
		As per measurement					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								1059240.33
		Say Rs. (Lac)								1059240.33
		Add GST @12%								127108.84
		Add Labour Cess @1%								10592.40
		Add Seignrage Fee@10% of basic material rate								55091.71
		Total Cost of work								1252033.28

[Signature]
23/12/2020
J.E.

[Signature]
23/12/2020

Technically Approved for Amount ₹ 12,52,033.
(Twelve lac fifty two thousand and thirty
three rupees) only.


31.12.20
Superintendent Engineer
Rural Works Department
Works Circle, Ballari
Govt. of Karnataka


27/12/20

Detailed Measurement(EARTHWORK)

No	L(m)	W(m) FLANK	D(m)	Qty(cum)
1	50	$(1.0+1.2)/2$	$(1.2+1.4+1.6)/3$	77.000
2	20	$(1.5+2.0)/2$	$(1.0+1.2+1.5)/3$	86.333
4	10	$(0.5+1.0)/2$	$(0.600+0.300)/2$	13.500
10	5	$(0.8+1.0)/2$	$(1.0+1.2)/2$	49.500
1	30	$(1.0+1.4)/2$	$(0.5+0.6)/2$	19.800
2	18	$(1.1+1.3)/2$	$(0.4+0.6)/2$	21.600
2	60	$(0.5+1.0)/2$	$(0.3+0.6)/2$	40.500
2	40	$(0.4+0.6)/2$	$(0.3+0.6)/2$	18.000
TOTAL	446			326.23

Detailed Measurement(BRICKBAT)

No	L(m)	W(m)	D(m)	Qty(cum)
1	50	$(3.5+4.5)/2$	$(0.5+0.75+1.0)/3$	150.000
1	20	$(1.5+2.0)/2$	$(1.0+1.2+1.5)/3$	43.167
4	10	$(3.0+3.4)/2$	$(0.600+0.300)/2$	57.600
2	5	$(2.0+2.5)/2$	$(1.0+1.2)/2$	24.750
1	30	$(1.0+1.4)/2$	$(0.5+0.6)/2$	19.800
2	18	$(1.1+1.3)/2$	$(0.4+0.6)/2$	21.600
TOTAL				316.92

RE DAMAGED(MEASUREMENT)

Detailed Measurement(BRICKBAT)

No	L(m)	W(m)	D(m)	Qty(cum)
1	40	$(2.5+3.0)/2$	$(0.25+0.5+0.75)/3$	55.000
1	18	$(1.0+1.5)/2$	$(0.5+1.0+1.5)/3$	22.500
4	10	$(3.0+3.4)/2$	$(0.600+0.300)/2$	57.600
3	5	$(2.0+2.5)/2$	$(1.0+1.2)/2$	37.125
1	30	$(1.0+1.4)/2$	$(0.5+0.6)/2$	19.800
2	18	$(1.1+1.3)/2$	$(0.4+0.6)/2$	21.600
TOTAL				213.63

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23/12/2020
J.E

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