

GOVERNMENT OF BIHAR

UNDER FLOOD DAMAGE REPAIR

Estimate for Restoration of Traffic

DISTRICT : WEST CHAMPARAN BLOCK : YOGAPATTI

YEAR(2020-2021)

NAME OF ROAD : NAWALPUR CHOWK TO SIRKAHIYA

Total Length

:

0.734

KMS

Cost of Pavement (Rs.)

:

4142615

Total Cost Of Road (Rs.)

:

4142615

SUBMITTED BY

Executive Engineer RWD
Works Division, Bettiah

बिहार सरकार
ग्रामीण कार्य विभाग

पत्रांक - मु0अ0-4 (मु0) विविध (कार्य)-23-40/16 - 2254

पटना, दिनांक 30/6/2020

प्रेषक,

पंकज कुमार पाल,
सचिव

सेवा में,

सभी कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
बिहार, पटना।

विषय-

संभावित अतिवृष्टि/बाढ़ के कारण क्षतिग्रस्त पथों के आपातकालीन मरम्मत के संबंध में।


महाशय,

उपर्युक्त विषय के संबंध में कहना है कि राज्य में मानसून अति सक्रिय है जिसके कारण बाढ़ प्रवण जिलों में पथों के क्षतिग्रस्त होने की संभावना है। अतः निदेश दिया जाता है कि वर्तमान मानसून के दौरान अतिवृष्टि/बाढ़ से क्षतिग्रस्त पथों को मोटरेबुल बनाने का कार्य तत्परता से प्राथमिकता में किया जाय जिससे कि पथों में यातायात कम से कम समय तक बाधित रहे। इस क्रम में यह भी निदेश है कि जिला प्रशासन के साथ वर्षा-अवधि के दौरान लगातार समन्वय रखी जाय एवं उनसे प्राप्त पथों की मरम्मत का कार्य प्राथमिकता में करायी जाय।

ऐसे पथ जिनकी अनुरक्षण नीति के अन्तर्गत मरम्मत कार्य की निविदा प्रक्रिया में है उनको भी मोटरेबुल बनाए रखना विभाग का दायित्व है। इन्हें मोटरेबुल बनाए रखने में यदि प्राक्कलन में प्रावधानित मदों का उपयोग किया जाना आवश्यक हो तो वैसे स्थिति में एकरारनामा करने के समय इन मदों की उतनी मात्रा परिमाण विपत्र में से घटा दिया जाए।

क्षेत्रीय पदाधिकारी वर्षा-अवधि के दौरान बिना जिलाधिकारी अथवा अधोहस्ताक्षरी की अनुमति के मुख्यालय नहीं छोड़ेंगे।

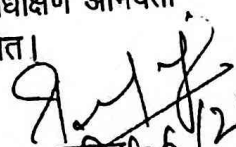
विश्वासभाजन


(पंकज कुमार पाल)
सचिव 30/6/2020

ज्ञापक:- मु0अ0-4 (मु0) विविध (कार्य) 23-40/16 - 2254

प्रतिलिपि:- सभी प्रमंडल आयुक्त/जिलाधिकारी/सभी मुख्य अभियंता/सभी अधीक्षण अभियंता
ग्रामीण कार्य विभाग, बिहार, पटना को सूचनार्थ एवं आवश्यक कारवाई हेतु प्रेषित।

पटना, दिनांक 30/06/2020


सचिव 30/6/2020

TECHNICAL REPORT

Name of Road :- Nawalpur chowk to Sirkahiya
Name of Block :- Yogapatti
Name of Division :- Works Division, Bettiah
Name of District :- West Champaran
Estimated Cost :- Rs. 41,42,615.00
Restoration Length :- 0.734 km

This Estimate is prepared for Restoration of Nawalpur chowk to Sirkahiya

.....road under FDR as per the instruction of Secretary, Rural Works Department, Patna vide,

ज्ञापक:- 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.

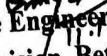
Honorable Chief Minister/Secretary, Rural Works Department, Bihar, Patna/D.M., West Champaran/Bettiah/Concerned MP/MLA has instructed to maintain the traffic and movement of public etc. at the earliest so that public of this area may get connected and for the same Departmental instruction has been issued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


The area surrounding is submerged in water and hence provision of e/w, has been made to maintain the road damage due to flood/heavy rainfall as per availability of material from available tractor. Presently there is no Contractor is employed for Construction and Maintenance of this road 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. 41,42,615.00.

Submitted for Technical Approval please.


Assistant Engineer,
Yogapatti


Executive Engineer,
R.W.D.(W) Division, Bettiah


Junior Engineer,
Yogapatti

(RURAL WORKS DEPARTMENT, GOVT. OF BIHAR)
COST ESTIMATE FOR traffic Restoration

Name of Road: NAWALPUR CHOWK TO SIRKAHIYA
District: WEST CHAMPARAN

Block: YOGAPATTI
Cutting length

Length: 734.000 m
734.00 M

S. No.	SOR Item No.	Description	No	Length (M)	Width (M)	H/D (M)	Qty.	Unit	Rates (in Rs.)	Amount
		(B) EARTHWORK								
1	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					458.621	Cum.	25.32	11612.27
2	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					458.621	cum	450.77	206733.84
3	RCD	Laying brick bats on prepared soil surface as per Specification & direction of Engineer Incharge								
		As per measurement					719.83	cum	1703.77	1226428.07
4	RCD	Laying Jhama metal on prepared soil surface as per Specification & direction of Engineer Incharge								
		As per measurement					972.60	cum	2106.67	2048934.7
		Total Road work								3493708.
		Say Rs.								419245.
		Add GST @12%								34937.
		Add Labour Cess @1%								194724
		Add Seignrage Fee@10% of basic material rate								414261
		Total Cost of work								414261
		Say Total Rs.								

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J.E.

(S)
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(RURAL WORKS DEPARTMENT, GOVT. OF BIHAR)
COST ESTIMATE FOR traffic Restoration

Name of Road: NAWALPUR CHOWK TO SIRKAHIYA
District: WEST CHAMPARAN

Block: YOGAPATTI
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		(B) EARTHWORK								
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		As per measurement					458.621	Cum.	25.32	11612.27
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		As per measurement					458.621	cum	450.77	206733.84
3	RCD	Laying brick bats on prepared soil surface as per Specification & direction of Engineer Incharge								
		As per measurement					719.83	cum	1703.77	1226428.07
4	RCD	Laying Jhama metal on prepared soil surface as per Specification & direction of Engineer Incharge								
		As per measurement					972.60	cum	2106.67	2048934.70
		Total Road work								3493708.88
		Say Rs.								3493708.88
		Add GST @12%								419245.07
		Add Labour Cess @1%								34937.09
		Add Seignrage Fee@10% of basic material rate								194724.18
		Total Cost of work								4142615.21
		Say Total Rs.								4142615

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Detailed Measurement Earth Work				
No	L(m)	W(m)	D(m)	Qty(cum)
2	12	$(3.1+2.1)/2$	$(2.20+1.8+1.2)/3$	116.480
3	9	$(3.20+2.6)/2$	$(1.50+1.10+0.800)/3$	88.740
4	4.5	$(2.8+1.95)/2$	$(0.900+0.500)/2$	29.925
6	3.5	$(3.10+2.75)/2$	$(0.900+0.750)$	50.676
3	8	$(2.9+1.75)/2$	$(1.200+0.800)/2$	55.800
5	6	$(3.10+2.10)/2$	$(2.1+1.5+0.9)/3$	117.000
TOTAL	43			458.62

Detailed Measurement Jhama Brick				
No	L(m)	W(m)	D(m)	Qty(cum)
1	170	$(7.5+5.5)/2$	$(0.60+0.50+0.45)/3$	570.917
1	80	$(6.5+5.5)/2$	$(0.50+0.35)/2$	204.000
1	35	$(6.0+5.0)/2$	$(0.30+0.20)/2$	48.125
2	25	$(5.8+4.5)/2$	$(0.35+0.15)/2$	64.375
1	8	$(6.0+5.5)/2$	$(0.25+0.15)/2$	9.200
3	3	$(5.0+4.05)/2$	$(0.25+0.15)/2$	8.145
1	30	$(7.5+6.0+5.0)/3$	$(0.50+0.35+0.25)/3$	67.833
TOTAL	351			972.60

Detailed Measurement Brick Bat				
No	L(m)	W(m)	D(m)	Qty(cum)
1	180	$(5.5+3.75)/2$	$(0.5+0.40+0.30)/3$	333.000
1	90	$(5.5+3.75)/2$	$(0.50+0.40+0.30)/3$	166.500
1	35	$(5.0+3.80)/2$	$(0.45+0.35+0.25)/3$	53.900
2	25	$(4.5+3.70)/2$	$(0.35+0.30)/2$	66.625
1	8	$(6.0+5.5)/2$	$(0.25+0.20)/2$	8.370
3	3	$(4.05+3.75)/2$	$(0.35+0.25)/2$	10.530
1	35	$(5.0+3.80)/3$	$(0.50+0.35+0.25)/3$	56.467
3	6	2.6	0.30	14.040
4	3.5	1.8	$(0.35+0.20)/2$	6.930
3	2.5	1.85	0.25	3.469
TOTAL	388			719.83

Redu.
17.8.20
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