



बिहार सरकार

ग्रामीण कार्य विभाग

Rural Works Department, Govt. of Bihar

HEAD-FDR

STATE :- BIHAR

DETAILED PROJECT REPORT

DISTRICT :- Madhubani

CIRCLE :- Darbhanga

BLOCK :- Jhanjharpur

Estimate for Motorable of the Road from NH-57 to Tajpur
under FDR at Block- **Jhanjharpur** in Madhubani District.

TOTAL COST FOR MOTORABLE Rs.

~~2.60372 lac.~~

2.145 lac

Submitted by:

Executive Engineer

RWD(W) Division, Jhanjharpur

तकनीकी प्रतिवेदन

पथ का नाम :- NH-57 to Tajpur

प्राक्कलित राशि :- 2.145 lac

प्रमण्डल का नाम:- झंझारपुर

अंचल का नाम :- दरभंगा

योजना का नाम :- F.D.R-2245

प्रस्तुत प्राक्कलन विभागीय स्तर से कराये गये कार्य के आलोक NH-57 to

Tajpur

पथ के लिए तैयार किया गया है, जो कि बाढ़ एवं अतिवृष्टि के कारण हुए कटाव/ जलजमाव/ Wave Cut के कारण क्षतिग्रस्त हो गया था जिसके कारण आवागमन बाधित हो गया था । फलतः ग्रामीणों को काफी कठिनाईयों का सामना करना पड़ रहा था ।

यह प्राक्कलन सचिव महोदय, ग्रामीण कार्य विभाग, पटना बिहार के पत्रांक- मु0अ0- 4 (मु0) विविध (कार्य)- 23 - 60/2020- 1937 पटना, दिनांक- 07.07.2021 के आदेश के आलोक में तैयार किया गया है ।

इस प्राक्कलन में क्षतिग्रस्त हुए पथांश को ईट के टुकड़े/मिट्टी/स्थानीय बालु से भरकर उसका संपीडन किये जाने का प्रावधान करते हुए कार्य संपादित किया जा चुका है ।

प्रस्तुत प्राक्कलन संपादित कार्य के समय लागू अनसूचित दर (संवेदक लाभांश छोड़कर) पर तैयार किया गया है । यह कार्य लोकहित एवं जनहित में अत्यावश्यक है । अतः इस प्राक्कलन की स्वीकृति अपेक्षित है ।

कनीय अभियंता

सहायक अभियंता

कार्यपालक अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल, झंझारपुर

Estimate for Motorability of road damaged by flood from NH-57 to Tajpur For Year 2021

Head :- FDR 2245

Length :- 1.800 km

SI No.	Item No.	Name of Item	Unit	Quantity As per Appendix - I	Rate	Amount
1		Providing and filling brick bats in ditches/ damaged embankment including cost of brick bats and labour all complete job as per specification and direction of E/I.	Cum	92.571 m ³ 109.77	2004.96	181591.23 220091.14

181591=00

₹ 2,20,091.14

Add 12 % GST ₹ 21750

Add 1 % L.C ₹ 1815.91

Add S. Fee (109.77 x 1063.00) x 10 % ₹ 11,668.91

90.59 103 Total ₹ 2,14,546.02

Say ₹ 2,14,546=00

Junior Engineer
R.W.D. Works Section,
Jhanjharpur

Assistant Engineer
R.W.D. Work sub Div.
Jhanjharpur

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

कार्यपालक अभियंता जयनगर के जाँचों उपरांत पत्रांक 710/दिनांक 23/05/22)
Technically sanctioned for Rs 2,14,546=00 (Rupees two lac-
forty four thousand four hundred forty
six only)

Superintending Engineer
RWD Work Circle, Darbhanga
Abhinav
26/05/22

Inspection Report of Flood Damage Work

Name of PIUs :- RWD Works Division, Jhanjharpur

Name of Block :- Jhanjharpur

Name of Road :- NH 57 to Rajpur

A. For Road

1. Damage Location Chainage :- 20 m, 150, 280, 560, 640, 690, 920
2. Damage Length :- 108
3. Nature of Damage :- Brick bats
4. Details of Restoration Works
 - i. Materials being used in restoration works:- Brick bats
 - ii. Equipment's/Tools being used in Restoration works:-
 - iii. Procedure taken up in Restoration works:- 90.571 m
 - iv. Restored Length:- 108

B. For Bridge

1. Damage Location Chainage :-
2. Damage Length :-
3. Nature of Damage :-
4. Details of Restoration Works
 - i. Materials being used in restoration works:-
 - ii. Equipment's/Tools being used in Restoration works:-
 - iii. Procedure taken up in Restoration works:-
 - iv. Restored Length:-

C. Requirement Of New CD/ Bridges

- i. Name of Road:-
- ii. Location/ Chainage:-
- iii. Type of CD Work/ Length required:-

— S —

[Signature]
21/05/22

Signature of JE/AE/EE

[Signature]
25/4/22

[Signature]
21/5

Signature
(Name of Inspection)

Name of Road :- NH-57 to Tajpur

Length :- 1.800 km

Appendix - I

Measurement for restoration of Embankment and shoulder with Brick Bat
(Measurement in mtr.)

Block :- Jhanjharpur

Chainage	Nos.		Length (in Mtr.)		Bidth (in Mtr.)		Thickness (in Mtr.)				Quantity	
ch. 0	1	x	2.50	x	(1.50+2.0+0.90)/3	x	1.47					
ch. 20	1	x	10.00	x	(0.40+0.30+0.35)/3	x	0.35	0.30	0.30	av. =	1.10	cum
ch. 150	1	x	4.30	x	(2.0+3.0+1.50)/3	x	2.17	0.60	0.60	av. =	2.10	cum
ch. 280	1	x	3.50	x	(1.30+0.90+0.80)/3	x	1.00	0.30	0.30	av. =	2.80	cum
ch. 560	1	x	29.00	x	(0.50+0.60+0.70)/3	x	0.60	0.40	0.40	av. =	1.40	cum
ch. 640	1	x	1.00	x	0.90	x	0.90	0.60	0.60	av. =	7.83	cum
ch. 690	1	x	3.00	x	0.20	x	0.20	0.80	0.80	av. =	0.36	cum
ch. 920	2	x	15.00	x	(0.60+0.70+0.90)/3	x	0.73	0.80	0.80	av. =	0.41	cum
ch. 920	1	x	16.00	x	(0.60+0.70+0.90)/3	x	0.73	0.60	0.60	av. =	10.75	cum
ch. 990	1	x	5.00	x	0.30	x	0.30	0.40	0.40	av. =	4.69	cum
ch. 1340	1	x	2.50	x	(1.50+1.70+1.60)/3	x	1.60	0.75	0.75	av. =	1.13	cum
ch. 1570	1	x	16.00	x	(1.75+5.45)/2	x	3.60	0.65	0.65	av. =	2.60	cum
								1.20	1.00	av. =	57.60	cum
Total qty.										=	109.77	cum

Reduction for H.P. $3 \times \frac{22}{7} \times (0.30/3) \times 2.50 = 1.57$
 92.80
 2.229
 90.571 m^3

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