



GOVERNMENT OF BIHAR

NAME OF WORK- Restoration work of road from Dariyapur Bajahiya REO Road se
Malahichak rural Road

(FDR PART-A)

Length-6.5km

BLOCK-DARIYAPUR

DETAILED PROJECT REPORT

UNDER FDR(2245)

ESTIMATED COST

Rs-16.434 Lacs

..PREPARED BY :-
EXECUTIVE ENGINEER
RWD(W) DIVISION
SONPUR

Inspection Report for flood damage work

Date:

1. Name of PIUs- R.W.D(W) Div Sonpur

2. Name of Block/Road- Darjapur - Darjapur Bajamya R.E.O road
De Malanchak Rural road

A. For Road

1. Damage Location/Chainage : CH-750m-900m, CH-1000m-1900m, CH-3400m-3490
CH-5400-5450m

2. Damage Length : 1190m

3. Nature of Damage : Shoulder Cutting one side of road

4. Details of Restoration :

i Material being used in Restoration : No

ii Equipment/Tools being used in Restoration works: - No

iii Procedure taken up in Restoration works : Blocks filling with G.W

iv Restored Length : 1190km

B. For Bridge

1. Damage Location/Chainage :

2. Damage Length :

3. Nature of Damage :

4. Details of Restoration :

i Material being used in Restoration :

ii Equipment/Tools being used in Restoration works:

iii Procedure taken up in Restoration works :

iv Restored Length :

Signature of JE/AE/EE

Signature

(Name of Inspector)

10/12/20
S.E

High
10/12/20
AE

12/12/20
EE

प्रमंडल का नाम: ग्रामीण कार्य विभाग, कार्य प्रमंडल सोनपुर

कार्य का नाम:- सारण जिला अन्तर्गत दरियापुर प्रखंड में दरियापुर बजहिया त्म पथ से मलाहीचक ग्रामीण पथ का बाढ़ से क्षतिग्रस्त (FDR) पथांश का पूर्ण:स्थापन कार्य।

पथ की कुल लम्बाई:- 6.51 कि०मी०

क्षतिग्रस्त पथ की लम्बाई:- 1.190 कि०मी०

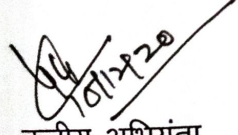
प्राक्कलित राशि:- 16.344 लाख

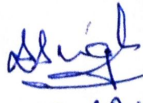
प्रतिवेदन

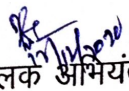
यह प्राक्कलन सारण जिला अन्तर्गत दरियापुर प्रखंड में दरियापुर बजहिया त्म पथ से मलाहीचक ग्रामीण पथ का बाढ़ से क्षतिग्रस्त (FDR) पथांश का पूर्ण:स्थापन कार्य का प्राक्कलन का तैयार किया गया। पथ में CH- 750मी० से CH- 900मी०, CH-1000मी०-से CH-1900मी०, एवं CH-3400मी० से CH 3490 मी० एवं CH- 5400 मी० से CH- 5450मी० में बाढ़ के पानी का अधिक Current रहने के कारण पथ में एक तरफ भारी कटाव हुआ है, जिसके कारण आवागमन बाधित है।

प्रस्तावित प्राक्कलन में पथ के कटे हुए पथांश में Brick Bats एवं मिट्टी भरकर पथ को मोटेरेबुल करने का प्रावधान किया गया है।

यह प्राक्कलन वर्तमान अनुसूचित दर पर तैयार किया गया है, जिसकी स्वीकृति आपेक्षित है।


कनीय अभियंता
ग्रामीण कार्य विभाग
कार्य प्रशाखा दरियापुर

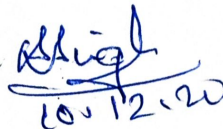

10.12.20
सहायक अभियंता
ग्रामीण कार्य विभाग
कार्य अवर प्रमंडल दरियापुर

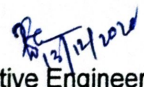

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, सोनपुर

Restoration work of road from Dariyapur Bajahiya REO Road se Malahichak rural Road

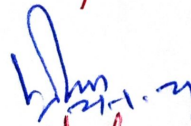
Length of road-	6.5km
ABSTRACT OF COST	
1 Cpost of Emergent repair of road & Bridge	Rs. 1,446,339.94
2 Add 1% Labour Cess	Rs. 14,463.40
3 Add 12% GST	Rs. 173,560.79
	Total Rs. 1,634,364.13
	Say Rs. 1,634,400.00


Junior Engineer
RWD(W) Dariyapur


Assistant Engineer
RWD(W) sub division Dariyapur


Executive Engineer
RWD(W) Div
Sonpur

T/A Approved for Rs. 16,34,400/- (Rupees Sixteen Lacs Thirty Four Thousand Four hundred) only.


S.E. Chandra

Restoration work of road from Dariyapur Bajahiya REO Road se Malahichak rural Road

Sl No	Item of work	Nos	Length	width	Height	Quantity	unit	Rate	Amount
4	Providing and laying Brick Bats								
	Placing tractor at loading point, loading with front end loader umpong, turning for return trip excluding time for haulage and return trip.								
	CH-750M to CH900M	1	150.00	1.00	0.60	90.00			
	CH-1000M to CH-1900M	1	900.00	1.05	0.50	472.50			
	CH-3400M to CH-3490M	1	90.00	1.10	0.76	75.24			
	CH-5400M to CH5450M	1	50.00	1.05	0.75	39.38			
						677.12	cum	1949.55	1320070.48
5	Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5								
	CH-750M to CH900M	1	150.00	0.60	0.80	72.00			
	CH-1000M to CH-1900M	1	900.00	0.60	0.76	410.40			
	CH-3400M to CH-3490M	1	90.00	0.60	0.76	41.04			
	CH-5400M to CH5450M	1	50.00	0.60	0.8	24.00			
						547.44	cum	230.65	126269.46
									1446339.94

[Signature]
10/12/20
Junior Engineer
RWD(W) Dariyapur

[Signature]
10/12/20
Assistant Engineer
RWD(W) sub division
Dariyapur

[Signature]
13/12/20
Executive Engineer
RWD(W) DiV Sonpur

Rate Analysis for Carriage of Materials

Name of road:-

Restoration work of road from Daryapur Balahiya REO Road se Malahichak rural Road

Sl NO	Item	Unit	Source	Carriage Cost & Lead in Km				Loading & Unloading Cost	Carriage cost by Rail Head	Total (By Road)
				Pucka/Surface	Katcha					
1	Brick/Brick Bats	cum	Local	$\frac{3.6}{1.91} \times 18.98 \times 7 \text{ km} =$	$\frac{3.6}{1.91} \times 29.65 \times 1.0 \text{ km} =$		Rs. 250.37	Rs. 55.88	0.00	Rs. 503.20
2	Local Sand	cum	Local	$\frac{3.6}{2.04} \times 18.98 \times 7 \text{ km} =$	$\frac{3.6}{2.04} \times 29.65 \times 1.0 \text{ km} =$		Rs. 234.41	Rs. 52.32	0.00	Rs. 393.33
3	Earth	cum	Local	$\frac{8}{6} \times 0 \times 0 \text{ km} =$	$\frac{8}{6} \times 29.65 \times 1.0 \text{ km} =$		Rs. 0.00	Rs. 39.53	0.00	Rs. 146.13
4	Hume Pipe(1000mm)	M	Hajipur	$\frac{8}{10} \times 18.98 \times 20 \text{ km} =$	$\frac{8}{10} \times 29.65 \times 0.0 \text{ km} =$		Rs. 303.62	Rs. 0.00	0.00	Rs. 495.73
5	Hume Pipe(600mm)	M	Hajipur	$\frac{8}{25} \times 18.98 \times 20 \text{ km} =$	$\frac{8}{25} \times 29.65 \times 0.0 \text{ km} =$		Rs. 121.45	Rs. 0.00	0.00	Rs. 203.78

Cost of Haulage Excluding Loading & Unloading as per S O R

Type of Road	Per Ton. Km by Tractor	Per Ton. Km by Tipper
For Surface Road	18.98	
Unsurface Gravel Road	23.71	
Katcha Road	29.65	

18/12/20
AE

10/12/20
AE

18/12/20
AE