



GOVERNMENT OF BIHAR

NAME OF WORK- Restoration work of road & Culvert in road Dharmagat PMGSY road to Dharmagat village rural road

(FDR PART-A)

Length-2.70km

BLOCK-DARIYAPUR

DETAILED PROJECT REPORT UNDER FDR(2245)

ESTIMATED COST

Rs-2.568 Lac

..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- Darayapur, Dharmagat P.M.G.Sy road to Dharmagat
Village Rural road

A. For Road

1. Damage Location/Chainage CH-380m-390m, CH-500-515, CH-4360-CH-365m

2. Damage Length : 29.25m

3. Nature of Damage : Road washout

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

Filling of bridge bays and

iv Restored Length — 29.25m

: Elw

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

10.12.20
AE

10/12/20
EE

10/12/20

प्रमंडल का नाम:

ग्रामीण कार्य विभाग, कार्य प्रमंडल सोनपुर

कार्य का नाम:-

सारण जिला अन्तर्गत दरियापुर प्रखंड में धर्मागत PMGSY पथ से धर्मागत ग्रामीण पथ का बाढ़ से क्षतिग्रस्त (FDR) पथांश का पूर्णस्थापन कार्य।

पथ की कुल लम्बाई:- 2.7कि०मी०

क्षतिग्रस्त पथ की लम्बाई:- 29.25मी०

प्राक्कलित राशि:- 2.568 लाख

प्रतिवेदन

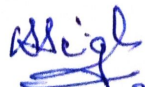
यह प्राक्कलन सारण जिला अन्तर्गत दरियापुर प्रखंड में धर्मागत PMGSY पथ से धर्मागत ग्रामीण पथ का बाढ़ से क्षतिग्रस्त (FDR) पथांश का पूर्णस्थापन कार्य का प्राक्कलन का तैयार किया गया। पथ में CH- 360मी० से CH-365मी०, CH- 500मी०-से CH-515मी०, एवं CH-380मी० से CH 390 मी० में बाढ़ के पानी का अधिक Current रहने के कारण पथ में भारी कटाव हुआ है, जिसके कारण आवागमन बाधित है।

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

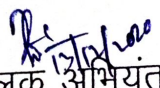
यह प्राक्कलन वर्तमान अनुसूचित दर पर तैयार किया गया है, जिसकी स्वीकृति आपेक्षित है।


10/12/20

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

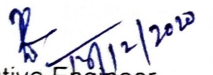
Restoration work of road & Culvert in road Dharmagat PMGSY road to
Dharmagat village rural road in Dariyapur Block

Length of road-	2.7KM
ABSTRACT OF COST	
1 Cpost of Emergent repair of road & Bridge	Rs. 227,281.49
2 Add 1% Labour Cess	Rs. 2,272.81
3 Add 12% GST	Rs. 27,273.78
	Total Rs. 256,828.09
	Say Rs. 256,800.00



Junior Engineer
RWD(W) Dariyapur

Assistant Engineer
RWD(W) sub division Dariyapur


Executive Engineer
RWD(W) Div
Sonpur

T/A Approved for Rs. 2,56,800/- (Rupees two lacs 56 thousand eight hundred) only.


S.E. Chapra

**Restoration work of road & Culvert in road Dharmagat PMGSY road to Dharmagat village
rural road in Dariyapur Block**

SI No	Item of work	Nos	Length	width	Height	Quantity	unit	Rate	Amount
1	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-380M to CH-390M	1	9.25	1.50	0.60	8.33			
	CH-500M to CH-515M	1	15.75	6.00	0.60	56.70			
	CH-360M to CH365M	1	4.25	1.25	0.60	3.19			
						68.21	cum	1818.03	124012.56
2	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-380M to CH-390M	1	9.25	1.125	$\frac{(0.6+1.5)}{2}$	10.92			
	CH-500M to CH-515M	1	15.75	$\frac{(16+7.0)}{2}$	$\frac{(1.5+2.5+3.3)}{3}$	440.73			
	CH-360M to CH365M	1	4.25	1.125	$\frac{(0.6+1.5)}{2}$	5.02			
						456.67	cum	226.13	103268.93

Rs. 227,281.49

[Signature]
Junior Engineer
RWD(W) Dariyapur

[Signature]
10.12.20
Assistant Engineer
RWD(W) sub division
Dariyapur

[Signature]
Executive Engineer
RWD(W) DiV Sonpur

Rate Analysis for Carraige of Materials

Restoration work of road & Culvert in road Dharmagat PMGSY road to Dharmagat village rural road in Daryapur Block

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	$\frac{3.6}{1.91} \times 18.98$	X 7 km =	Rs. 250.37	$\frac{3.6}{1.91} \times 29.65$	X 1.0 km =	Rs. 55.88	196.95	0.00	Rs. 503.20
2	Local Sand	cum	Local	$\frac{3.6}{2.04} \times 18.98$	X 7 km =	Rs. 234.41	$\frac{3.6}{2.04} \times 29.65$	X 1.0 km =	Rs. 52.32	106.60	0.00	Rs. 393.33
3	Earth	cum	Local	$\frac{8}{6} \times 0$	X 0 km =	Rs. 0.00	$\frac{8}{6} \times 29.65$	X 1.0 km =	Rs. 39.53	106.60	0.00	Rs. 146.13
4	Hume Pipe(1000mm)	M	Hajipur	$\frac{8}{10} \times 18.98$	X 20 km =	Rs. 303.62	$\frac{8}{10} \times 29.65$	X 0.0 km =	Rs. 0.00	192.11	0.00	Rs. 495.73
5	Hume Pipe(600mm)	M	Hajipur	$\frac{8}{25} \times 18.98$	X 20 km =	Rs. 121.45	$\frac{8}{25} \times 29.65$	X 0.0 km =	Rs. 0.00	82.33	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	

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