



GOVERNMENT OF BIHAR

NAME OF WORK- Restoration work of road from Barwe RCD path se Sundarpur path

(FDR PART-A)

Length-6.85km

BLOCK-DARIYAPUR

DETAILED PROJECT REPORT

UNDER FDR(2245)

ESTIMATED COST

Rs-28.311Lacs

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

Inspection Report for flood damage work

Date:

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

2. Name of Block/Road- Darigapur, Barwa R.C.D Path Se Sundarpur

A. For Road

1. Damage Location/Chainage CH-400-450m, CH-2600M-2690M, CH-2700M-2800M, CH-4100M-4200M
2. Damage Length : 5.29M (0.529Km) CH-4200M-4300M, CH-5000M-5100M
3. Nature of Damage : Road washout and worn Gr II & Gr III damaged
4. Details of Restoration :
i Material being used in Restoration : DPO
ii Equipment/Tools being used in Restoration works: — DPO
iii Procedure taken up in Restoration works : Filling of Bricks/Bats in ditch
iv Restored Length : Position, Restored with 100mm Gr II & Gr III

— 529.75M

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/AF/EE

Signature

(Name of Inspector)

15/12/20
S.C.

10.12.20
AE

15/12/20
EE

15/12/20

प्रमंडल का नाम:

ग्रामीण कार्य विभाग, कार्य प्रमंडल सोनपुर

कार्य का नाम:-

सारण जिला अन्तर्गत दरियापुर प्रखंड में बारवे RCD पथ से सुन्दरपुर पथ का बाढ़ से क्षतिग्रस्त (FDR) पथांश का पूर्ण:स्थापन कार्य।

पथ की कुल लम्बाई:- 6.85कि०मी०

क्षतिग्रस्त पथ की लम्बाई:-529.75मी०

प्राक्कलित राशि:-28.311 लाख

प्रतिवेदन

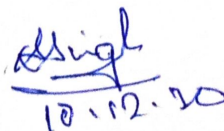
यह प्राक्कलन सारण जिला अन्तर्गत दरियापुर प्रखंड में बारवे RCD पथ से सुन्दरपुर पथ का बाढ़ से क्षतिग्रस्त (FDR) पथांश का पूर्ण:स्थापन कार्य का प्राक्कलन का तैयार किया गया है। इस वर्ष अत्यधिक बाढ़ आने के कारण Ch-5000M से Ch-6000m पथांश पानी में कई दिनों तक डूबे रहने के कारण पथ बिल्कुल क्षतिग्रस्त हो गया। पथ में CH-400मी० से CH-450मी०, CH-2600मी० से CH-2690मी०, CH-2700मी० से CH 2800 मी० एवं CH-4100मी० से CH- 4200मी० में बाढ़ के पानी का अधिक Current रहने के कारण पथ में भारी कटाव हुआ है। साथ ही साथ पानी में भी पथ से भारी वाहनों के आवागमन होने के कारण पथ में कई स्थानों पर एक फीट से डेढ़ फीट गहरा कई pot holes बन गये हैं, जिसके कारण पथ से आवागमन दुष्कर हो गया है।

प्रस्तावित प्राक्कलन में पथ के कटे हुए पथांश में Brick Bats से भरकर एवं आवश्यकतानुसार उसके ऊपर WBM Gr2 WBM Gr3 का प्रावधान किया गया है।

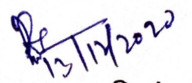
यह प्राक्कलन वर्तमान अनुसूचित दर पर तैयार किया गया है, जिसकी स्वीकृति आपेक्षित है।



कनीय अभियंता
ग्रामीण कार्य विभाग
कार्य प्रशाखा दरियापुर



सहायक अभियंता
ग्रामीण कार्य विभाग
कार्य अवर प्रमंडल दरियापुर

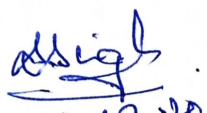


कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, सोनपुर

Restoration work of road from Barwe RCD path se Sundarpur path

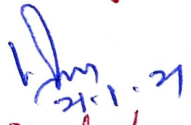
Length of road-	6.85km
ABSTRACT OF COST	
1 Cost of Emergent repair of road & culvert	Rs. 2,505,379.03
2 Add 1% Labour Cess	Rs. 25,053.79
3 Add 12% GST	Rs. 300,645.48
	Total Rs. 2,831,078.30
	Say Rs. 2,831,100.00


15/11/20
Junior Engineer
RWD(W) Dariyapur


10.12.20
Assistant Engineer
RWD(W) sub division Dariyapur


13/11/2020
Executive Engineer
RWD(W) DiV
Sonpur

T/A Approved for Rs. 28.311 lakh (Rupees twenty eight lac
Thirty One Thousand One hundred) only.


21.1.21
S.E. Chapra,

Restoration work of road from Barwe RCD path se Sundarpur path

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-400m to 450m	1	3.00	5.50	0.60	9.90	cum		
		1	3.00	5.50	0.90	14.85			
	CH-950m to 965m	1	15.00	0.90	0.90	12.15			
	CH-1500m to 1530m	1	15.00	1.50	0.90	20.25			
	CH-2600m to 2690m	1	90.00	5.50	1.00	495.00			
	CH-2700m to 2800m	1	30.00	1.10	0.900	29.70			
		1	5.00	5.50	0.760	20.90			
		1	30.00	1.25	0.900	33.75			
	CH-2800m to 3900m	1	5.00	0.90	0.900	4.05			
		1	30.00	0.80	0.750	18.00			
		1	20.00	0.80	0.900	14.40			
		1	50.00	0.60	0.900	27.00			
	CH-4100m to 4200m	2	5.00	0.50	0.800	4.00			
		3	3.00	0.50	0.900	4.05			
	CH-4100m to 4200m	1	8.00	0.90	0.900	6.48			
		1	4.50	5.50	0.900	22.28			
	CH-4200m to 4300m	1	10.00	1.00	0.900	9.00			
	CH-5000 to 5100m	1	10.00	0.50	0.900	4.50			
	CH-5100 to 5200m	1	6.00	1.50	0.800	7.20			
		1	3.00	1.50	0.600	2.70			
						760.16		1949.55	1481961.22
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-400m to 450m	2	50	1.875	0.9	168.75			
	CH-2300m to 2400m	2	100	1.875	1.1	412.50			
	CH-2400m to 2600m	2	200	1.875	0.75	562.50			
	CH-2600m to 2800m	2	200	1.875	0.91	682.50			
	CH-4100m to 4200m					1826.25	cum	230.65	421232.65
	WBM Grading 2								
3	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405.								
	CH-400m to 450m	1	3.00	3.75	0.075	0.84			
		1	3.00	3.75	0.075	0.84			
	CH-950m to 965m	1	15.00	0.90	0.075	1.01			

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Sl No	Item of work	Nos	Length	width	Height	Quantity	unit	Rate	Amount
	CH-1500m to 1530m	1	15.00	1.50	0.075	1.69			
	CH-2400m to 2600m	1	10.00	3.75	0.075	2.81			
		1	1.80	3.75	0.075	0.51			
	CH-2600m to 2690m	1	90.00	3.75	0.075	25.31			
	CH-2700m to 2800m	1	30.00	1.10	0.075	2.48			
		1	5.00	3.75	0.075	1.41			
		1	30.00	1.25	0.075	2.81			
	CH-2800m to 2900m	1	5.00	0.90	0.075	0.34			
		1	30.00	0.80	0.075	1.80			
		1	20.00	0.80	0.075	1.20			
		1	50.00	0.60	0.075	2.25			
	CH-3200m to 3550m	1	3.00	1.50	0.075	0.34			
		1	6.00	2.10	0.075	0.95			
		1	10.00	1.00	0.075	0.75			
	CH-4100m to 4200m	1	8.00	0.90	0.075	0.54			
		1	4.50	3.75	0.075	1.27			
	CH-4200m to 4300m	1	10.00	1.00	0.075	0.75			
	CH-4300m to 5000m	1	5.45	3.75	0.075	1.53			
		1	8.00	0.90	0.075	0.54			
		3	3.00	0.50	0.075	0.34			
		2	5.00	0.50	0.075	0.38			
		1	50.00	0.60	0.075	2.25			
		1	20.00	0.80	0.075	1.20			
		1	5.00	0.80	0.075	0.30			
		1	30.00	1.00	0.075	2.25			
		1	5.00	3.75	0.075	1.41			
		1	30.00	1.00	0.075	2.25			
	CH-5000 to 5100m	1	10.00	0.50	0.075	0.38			
	CH-5100 to 5200m	1	6.00	1.50	0.075	0.68			
		1	3.00	1.50	0.075	0.34			
						59.33	cum	4927.81	292365.43
4	WBM Grading 3								
	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405.								
	CH-400m to 450m	1	3.00	3.75	0.08	0.84			
		1	3.00	3.75	0.075	0.84			
	CH-950m to 965m	1	15.00	0.90	0.075	1.01			
	CH-1500m to 1530m	1	15.00	1.50	0.075	1.69			
	CH-2400m to 2600m	1	10.00	3.75	0.075	2.81			
		1	1.80	3.75	0.075	0.51			
	CH-2600m to 2690m	1	90.00	3.75	0.075	25.31			
	CH-2700m to 2800m	1	30.00	1.10	0.075	2.48			
		1	5.00	3.75	0.075	1.41			
		1	30.00	1.25	0.075	2.81			
	CH-2800m to 2900m	1	5.00	0.90	0.075	0.34			