



GOVERNMENT OF BIHAR

NAME OF WORK- Restoration work of road from Dariyapur to Derni

(FDR PART-A)

Length-11.0km

BLOCK-DARIYAPUR

DETAILED PROJECT REPORT

UNDER FDR(2245)

ESTIMATED COST

Rs-16.528Lacs

..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
Daryabur to Desm. Pat
2. Name of Block/Road- Daryabur, CH-480m-520m, CH-700m-730m, CH-1085m-1115m
CH-1290m-1325m, CH-360m-400m, CH-760m-770m

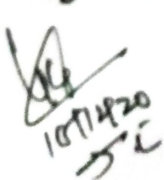
A. For Road

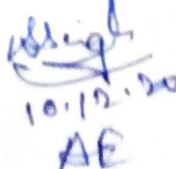
1. Damage Location/Chainage : 
2. Damage Length : 884 m
3. Nature of Damage : G.S.B, WBM Gull, Gull badly damaged.
4. Details of Restoration :
i Material being used in Restoration : G.S.B, WBM Gull, Gull
ii Equipment/Tools being used in Restoration works: Yes
iii Procedure taken up in Restoration works : Laying of G.S.B, WBM Gull & Gull
iv Restored Length : 884 m

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


10/11/20
52


10/12/20
AE


10/12/20
EL

Signature

(Name of Inspector)


10/12/20

प्रमंडल का नाम: ग्रामीण कार्य विभाग, कार्य प्रमंडल सोनपुर

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

पथ की कुल लम्बाई:-11.00कि०मी०

क्षतिग्रस्त पथ की लम्बाई:- 884मी०

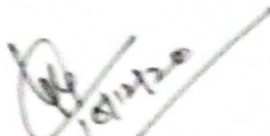
प्राक्कलित राशि:-16.528 लाख

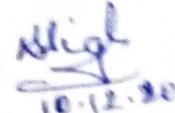
प्रतिवेदन

यह प्राक्कलन सारण जिला अन्तर्गत दरियापुर प्रखंड में दरियापुर से डेरनी पथ ग्रामीण पथ का बाढ़ से क्षतिग्रस्त (FDR) पथांश का पूर्ण-स्थापन कार्य का प्राक्कलन का तैयार किया गया है। इस वर्ष अचानक अत्यधिक बाढ़ आने के कारण Ch3600M से Ch-4000m पथांश पानी में कई दिनों तक डूबे रहने के कारण पथ बिल्कुल क्षतिग्रस्त हो गया। 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 Pot holes को GSB एवं उसके ऊपर WBM Gr2 WBM Gr3 का प्राक्धान किया गया है।

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

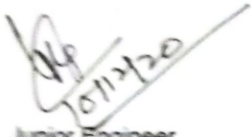

कनीय अभियंता
ग्रामीण कार्य विभाग
कार्य प्रशाखा दरियापुर

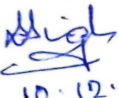

10.12.20
सहायक अभियंता
ग्रामीण कार्य विभाग
कार्य अवर प्रमंडल दरियापुर

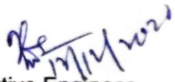

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, सोनपुर

Restoration work of road from Dariyapur to Dorni

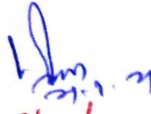
Length of road-	
ABSTRACT OF COST	
1 Cpost of Emergent repair of road & Bridge	Rs. 1,462,680.60
2 Add 1% Labour Cess	Rs. 14,626.81
3 Add 12% GST	Rs. 175,521.67
Total	Rs. 1,652,829.07
Say	Rs. 1,652,800.00


Junior Engineer
RWD(W) Dariyapur


10.12.20
Assistant Engineer
RWD(W) sub division Dariyapur


Executive Engineer
RWD(W) Div Sonpur

T/A Approved for Rs. 16,52,800 (Rupees Sixteen Lacs Fifty two Thousand eight hundred only).


S.E. Chhapra

Restoration work of road from Dariyapur to Dorni

Sl No	Item of work	Nos	Length	width	Height	Quantity	unit	Rate	Amount
1	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-193 to 200m	2	6.00	1.125	0.30	4.05			
	CH-480 to 520m	2	40.00	1.125	0.60	54.00			
	CH-700 to 730m	2	30.00	1.125	0.45	30.38			
	CH-1085 to 1115m	2	28.00	1.125	0.375	23.63			
	CH-1290 to 1325m	2	35.00	1.125	0.60	47.25			
	Total					159.30	cum	230.65	36743.25
2	Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with three wheel 80-100 kN static roller capacity to achieve the desired density, complete as per Technical Specification Clause 401								
	CH-193 to 200m	1	6.00	3.75	0.15	3.38			
	CH-480 to 520m	1	40.00	3.75	0.15	22.50			
	CH-700 to 730m	1	30.00	3.75	0.15	16.88			
	CH-1085 to 1115m	1	28.00	3.75	0.15	15.75			
	CH-1290 to 1325m	1	35.00	3.75	0.15	19.69			
	Total					78.19	cum	2822.41	220677.18
	WBM Grading 2								
7	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-193 to 200m	1	6.00	3.75	0.075	1.69			
	CH-480 to 520m	1	40.00	3.75	0.075	11.25			
	CH-700 to 730m	1	30.00	3.75	0.075	8.44			
	CH-1085 to 1115m	1	28.00	3.75	0.075	7.88			
	CH-1290 to 1325m	1	35.00	3.75	0.075	9.84			
	Total					39.09	cum	5012.39	195953.1

Restoration work of road from Dariyapur to Derna

No	Item of work	Nos	Length	width	Height	Quantity	unit	Rate	Amount
1	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-15 to 17m	1	2.00	1.50	0.075	0.17			
	CH-193 to 200m	1	8.00	3.75	0.075	1.69			
	CH-400 to 420m	2	1.50	1.50	0.075	0.34			
	CH-450 to 456m	1	8.00	1.50	0.075	0.90			
	CH-480 to 520m	1	40.00	3.75	0.075	11.25			
	CH-700 to 730m	1	30.00	3.75	0.075	8.44			
	CH-1050 to 1065m	4	1.50	1.50	0.075	0.68			
	CH-1085 to 1115m	1	28.00	3.75	0.075	7.88			
	CH-1290 to 1325m	1	36.00	3.75	0.075	9.84			
	CH-3200 to 3207m	1	7.00	3.75	0.075	1.97			
	CH-3600 to 4000m	1	400.00	3.75	0.075	112.50			
	CH-5620 to 5626m	1	6.00	3.75	0.075	1.69			
	CH-6890 to 6898m	1	8.00	1.60	0.075	0.96			
	CH-7180 to 7190m	1	10.00	2.25	0.075	1.69			
	CH-7210 to 7217m	1	7.00	1.85	0.075	0.97			
		1	2.00	1.50	0.075	0.23			
		1	5.00	1.80	0.075	0.68			
	CH-7300 to 7400m	1	8.00	1.27	0.075	0.76			
		1	4.50	1.25	0.075	0.42			
	CH-7500 to 7600m	1	5.00	1.20	0.075	0.45			
		1	5.80	1.20	0.075	0.52			
		2	2.00	1.50	0.075	0.45			
	CH-7600 to 7700m	1	5.00	1.65	0.075	0.62			
		1	4.00	0.90	0.075	0.27			
		1	3.00	1.50	0.075	0.34			
		1	30.00	1.25	0.075	2.81			
		1	6.00	1.25	0.075	0.56			
	CH-7800 to 7900m	1	4.00	1.25	0.075	0.38			
		1	4.50	1.25	0.075	0.42			
		1	5.00	1.30	0.075	0.49			
		1	30.00	1.20	0.075	2.70			
		1	25.00	3.75	0.075	7.03			
	CH-8000 to 8100m	1	30.00	1.65	0.075	3.71			
		1	9.00	1.20	0.075	0.81			
	CH-8300 to 8400m	1	30.00	1.20	0.075	2.70			
		1	10.00	0.90	0.075	0.68			
		1	20.00	3.75	0.075	5.63			

Restoration work of road from Dariyapur to Derni

Item of work	Nos	Length	width	Height	Quantity	unit	Rate	Amount
CH-8500 to 9100m	1	25.00	3.75	0.075	7.03			
	1	4.50	1.75	0.075	0.59			
	1	5.50	1.65	0.075	0.68			
Total					201.90	cum	4999.10	1009307.04

Rs. 1,462,680.60

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

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

[Signature]
Executive Engineer
RWD(W) DiV Sonpur