



GOVERNMENT OF BIHAR

NAME OF WORK- Restoration work of road & Bridge in road Darni to katsa

(FDR PART-A)

Length-7.30km

BLOCK-DARIYAPUR

DETAILED PROJECT REPORT UNDER FDR(2245)

ESTIMATED COST

Rs-13.349 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- Daryapur, Derna to Katsa

A. For Road

1. Damage Location/Chainage CH-4000-406m CH-2400m-2500m, CH-5700m-5704m
CH-2200m-2256m

2. Damage Length

+324m

3. Nature of Damage

: Road washed with GSB, WBM, Gr II, WBM, Gr II

4. Details of Restoration

i Material being used in Restoration

GSB, WBM, Gr II & Gr III

ii Equipment/Tools being used in Restoration works: Yes

iii Procedure taken up in Restoration works

Filling of cracks with GSB, WBM, Gr II & Gr III

iv Restored Length — 324m

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)

Signature
10.12.20
AE

Signature
10.12.20
EE

Signature
10.12.20

प्रमंडल का नाम: ग्रामीण कार्य विभाग, कार्य प्रमंडल सोनपुर

कार्य का नाम:— सारण जिला अन्तर्गत दरियापुर प्रखंड में डेरनी से कटसा पथ का बाढ़ से क्षतिग्रस्त (FDR) पथांश का पूर्ण:स्थापन कार्य।
पथ की कुल लम्बाई:—7.3 कि०मी०

क्षतिग्रस्त पथ की लम्बाई:— 324मी०

प्राक्कलित राशि:—13.349लाख

प्रतिवेदन

यह प्राक्कलन सारण जिला अन्तर्गत दरियापुर प्रखंड में डेरनी से कटसा 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 Ch2200M से Ch-2600m पथांश पानी में कई दिनों तक डूबे रहने के कारण पथ बिल्कुल क्षतिग्रस्त हो गया। पथ में CH- 400मी० से CH-406मी०, CH-5700मी०-से CH-5704मी०, CH-6100मी० से CH 6108 मी० एवं CH- 6400मी०-से CH- 6406मी० में बाढ़ के पानी का अधिक Current रहने के कारण पथ में 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 Pot holes को आवश्यकतानुसार GSB एवं उसके उपर WBM Gr2 WBM Gr3 का प्रावधान किया गया है।

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

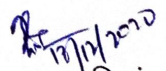


कनीय अभियंता
ग्रामीण कार्य विभाग
कार्य प्रशाखा दरियापुर



10.12.20

सहायक अभियंता
ग्रामीण कार्य विभाग
कार्य अवर प्रमंडल दरियापुर

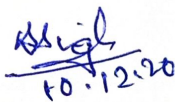


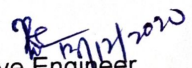
कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, सोनपुर

Restoration work of road culvert in road Derni to katsa

Length of road-	7.3km
ABSTRACT OF COST	
1 Cpost of Emergent repair of road & Bridge	Rs. 1,181,328.83
2 Add 1% Labour Cess	Rs. 11,813.29
3 Add 12% GST	Rs. 141,759.46
Total	Rs. 1,334,901.57
Say	Rs. 1,334,900.00


15/12/20
Junior Engineer
RWD(W) Dariyapur


10.12.20
Assistant Engineer
RWD(W) sub division Dariyapur


15/12/20
Executive Engineer
RWD(W) DiV
Sonpur

T/A Approved for Rs - 13,34,900 (Rupees Thirteen Lacs Thirty Four Thousand nine hundred) only.


S.E. Chapra

Restoration work of road & Bridge in road Dorni to katsa

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-5700M to CH-5704M	1	4.50	7.50	0.80	27.00			
	CH-6100M to CH-6108M	1	8.00	6.50	0.76	39.52			
	CH-6400M to CH-6406M	1	5.00	7.20	0.76	27.36			
						93.88	cum	1949.55	183023.88
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							230.65	
	CH-3300M to CH-4000M	2	700	1.875	0.9	2362.50			
	CH-5700M to CH-5704M	2	30	1.75	0.8	84.00			
	CH-6100M to CH-6108M	2	50	1.8	0.6	108.00			
	CH-6400M to CH-6406M	2	40	1.875	0.76	114.00			
						2668.50	cum	230.65	615501.34
3	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-400M to CH-406M	1	6.00	4.05	0.15	3.65			
	CH-5700M to CH-5704M	1	4.50	4.05	0.15	2.73			
	CH-6100M to CH-6108M	1	8.00	4.05	0.15	4.86			
	CH-6400M to CH-6406M	1	5.00	4.05	0.15	3.04			
						14.28	cum	2719.16	38819.41

Restoration work of road & Bridge in road Darni to katsa

SI No	Item of work	Nos	Length	width	Height	Quantity	unit	Rate	Amount
	WBM Grading 2								
4	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 CH-406M	1	6.00	3.75	0.075	1.69			
	CH-5700M to CH-5704M	1	4.50	3.75	0.075	1.27			
	CH-6100M to CH-6108M	1	8.00	3.75	0.075	2.25			
	CH-6400M to CH-6406M	1	5.00	3.75	0.075	1.41			
						6.61	cum	5130.89	33911.98
	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 CH-406M	1	6.00	3.75	0.075	1.69			
	CH-2200M to CH-2256M	1	56	3.75	0.075	15.75			
	CH-2200M to CH-22500M	1	50	3.75	0.075	14.06			
	CH-2400M to CH-2500M	1	100	3.75	0.075	28.13			
	CH-5700M to CH-5704M	1	4.50	3.75	0.075	1.27			
	CH-6100M to CH-6108M	1	8.00	3.75	0.075	2.25			
	CH-6400M to CH-6406M	1	5.00	3.75	0.075	1.41			
						64.55	cum	4803.83	310072.21

Rs. 1,181,328.83

[Signature]
Junior Engineer
RWD(W) Dariyapur

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

[Signature]
12/12/2020
Executive Engineer
RWD(W) Div Sonpur