



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

ESTIMATE FOR FLOOD DAMAGED REPAIR

Bihar(बिहार)Map



Name of the Road :-

Dih Pipariya To Basauna

DISTRICT	:	Lakhisarai	
DIVISION	:	Lakhisarai	
BLOCK	:	Pipariya	
TOTAL LENGTH OF ROAD	:	1.066	KM
TOTAL COST	:	4.528	Lac
AVERAGE COST PER KM	:	4.248	Lac
TOTAL COST OF PROJECT	:	4.528	Lac

Submitted By:

Executive Engineer

RWD WORKS DIVISION

Lakhisarai

ESTIMATE FOR FLOOD DAMAGED REPAIR

NAME OF ROAD : Dih Pipariya To Basauna

DISTRICT Lakhisarai

BLOCK Pipariya

DIVISION Lakhisarai

LENGTH OF ROAD (in Km) 1.066

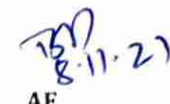
CD STRUCTURES

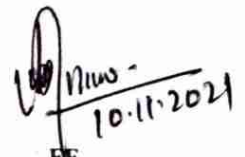
Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
PART-A	RESTORATION COST	
1	GSB GR-II	3.891
	SUB TOTAL	3.891
	LABOUR CESS 1% of cost	0.039
	GST 12 % of cost	0.467
	SEIGNORAGE FEE @ 10 % on Minor Mines	0.131
	TOTAL	4.528
	TOTAL COST OF PROJECT IN LACS =	4.528

Deduct Contractor profit 9.1 %

- 0.412 lakh
Total = 4.116 lakh


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T.S Amount

Construction Cost : Rs. 4.528 lakh

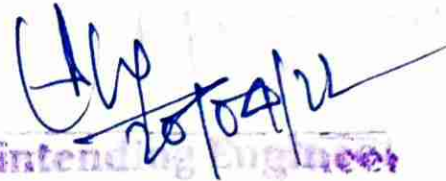
Deduct Contractor profit 9.1% = Rs. 0.412 lakh

Total Rs. 4.116 lakh

Ref. E.E. Letter No. 548 dt. 18.4.2022

Technically Sanctioned for Rs. 4.116 lakh

(Rupees four lakh eleven
thousand six hundred Only
for construction work & 5 Years Maintenance)


Superintending Engineer
Rural Works Department
Works Circle, Munger


20/04/2022

स्थल निरीक्षण प्रतिवेदन

वर्ष 2021-22 के बाढ़ में क्षतिग्रस्त पथों में कराये गए मोटरेबुल कार्य की जाँच।

पथ का नाम :- डीह पिपरिया से बसौना

पथ की लम्बाई :- 1.066 कि०मी०

प्राक्कलित राशि :- 4.528 / - लाख

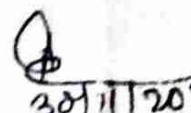
अधीक्षण अभियंता, ग्रामीण कार्य विभाग, कार्य अंचल, मुंगेर के पत्रांक 1162 दिनांक 16.11.2021 द्वारा प्राप्त निदेश के अनुपालन में आज दिनांक 21.11.2021 को ग्रामीण कार्य विभाग, कार्य प्रमंडल, लखीसराय के अधीन बाढ़ से क्षतिग्रस्त पथ का निरीक्षण सहायक अभियंता श्री लौडिक प्रसाद राय के साथ वर्ष 2021-22 में बाढ़ में क्षतिग्रस्त पथ का कराये गए मोटरेबुल कार्य का स्थल निरीक्षण किया। जाँच के समय कार्य प्रखंडल, लखीसराय के सहायक अभियंता श्री संदीप कुमार एवं श्री ब्रजेश कुमार सिंह, कनीय अभियंता श्री श्याम सुन्दर प्रसाद एवं श्री रंजीत कुमार उपस्थित रहे।

उक्त पथ के निरीक्षण के दौरान पाया गया कि पथ में बने बड़े गड्ढों में Moorum से भरकर उसके उपर G.S.B. (Gr.II) (जगह-जगह 200mm एवं 150mm मुटाई में) डालकर सम्पीडन का कार्य कराया गया है, जिसका शत प्रतिशत जाँच किया गया है, एवं उक्त पथ के प्राक्कलन एवं मापीपुस्त में दर्ज की गई मापी को कार्य स्थल के अनुसार पाया।


सहायक अभियंता

ग्रा०का०वि०, कार्य प्रमं०

खड़गपुर-तारापुर


30.11.2021
कार्यपालक अभियंता

ग्रा०का०वि०, कार्य प्रमं०

खड़गपुर-तारापुर

तकनीकी प्रतिवेदन

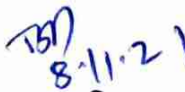
पथ का नाम :- डीह पिपरिया से बसौना

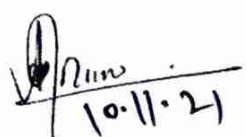
पथ की लम्बाई :- 1.066 कि०मी०

प्राक्कलित राशि :- 4.528 / - लाख

उपर्युक्त पथ को मोटरेबुल करने हेतु मरम्मति का प्राक्कलन, माह अगस्त 2021 में हुई भारी बारिश एवं बाढ़ से पथ कई दिनों तक पथ पानी में डूबा हुआ था एवं बाढ़ का पानी हाव होने से बड़े-बड़े आकार का Pot holes बन गया था, एवं पथ में कटाव भी हो गया था। उक्त पथ लखीसराय जिला के पिपरिया प्रखण्ड में पड़ता है। बाढ़ आने के कारण पूरा प्रखण्ड जलमग्न हो गया था, जिस कारण इस पथ काफी क्षतिग्रस्त हुआ। सचिव महोदय, ग्रामीण कार्य विभाग, बिहार, पटना का पत्रांक- मु०अ०-4(मु०) विविध कार्य-23-60/2020-1937 दिनांक 07.07.2021 द्वारा प्राप्त निदेश के अनुसार क्षतिग्रस्त पथांश का फोटोग्राफ State MIS पर अपलोड करने के पश्चात् पथ का मोटरेबुल कार्य पूर्ण कराकर निदेशानुसार फोटोग्राफ State MIS पर अपलोड करने के उपरान्त कराये गए कार्यों को मापी पुस्त में दर्ज कराकर प्राक्कलन तैयार किया गया है। प्रस्तुत प्राक्कलन अद्यतन अनुसूचित दर एवं सामग्रियों के औसत लीड के आधार पर बनाया गया है। पथ में बने बड़े गड्ढों को G.S.B. (Gr.II) (जगह-जगह 150mm - 200mm की मुटाई में) भरकर सम्पीडन किया गया एवं पथ को मोटरेबुल कराया गया, जिसका तकनीकी अनुमोदन अपेक्षित है।


कनीय अभियंता


सहायक अभियंता


कार्यपालक अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, लखीसराय।

Dih Pipariya To Basauna



Dih Pipariya To Basauna



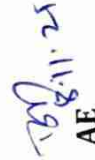
Dih Pipariya To Basauna



Sl. No.	SDB SL.NO	MORD Ref.No	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (In Rs.)
1	4.1	401 (ii)	Granular Sub-base with Well Graded Material (Table 400.1) For Grading II Material 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 smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.								
Qty as per Measurement Cum									258.58		
Net GSB Qty									258.58	1,504.82	3,89,116.00
TOTAL =										3,89,116.00	
TOTAL COST OF PAVEMENT IN RS. (A+B+C+D+E+F)=										3,89,116.00	


8/11/24

JE
RWD


8/11/24

AE
RWD


10/11/2021

EE
RWD

Pot Measurement GSB Gr-II

Name of Road:- Dih Pipariya To Basauna

Nos.	Length (m)	Width (m)	Thickness (m)	Qty. (Cum.)
1st Km.				
			0.2	0.2
1	1	1	0.2	2
1	4	2.5	0.2	0.4
2	1	1	0.2	1.6
1	10	0.8	0.2	2.5
1	5	2.5	0.2	4.5
1	6	3.75	0.2	0.2
1	1	1	0.2	2
1	4	2.5	0.2	2.4
1	6	2	0.2	2
1	4	2.5	0.2	2
2	5	1	0.2	2
2	5	1	0.2	4
2	10	1	0.2	18
1	30	3	0.2	7.5
1	15	2.5	0.2	8
10	2	2	0.2	6
8	2.5	1.5	0.2	6
1	30	1	0.2	0.9
2	1.5	1.5	0.2	7.5
1	15	2.5	0.2	7.2
6	3	2	0.2	1
5	1	1	0.2	1.2
1	3	2	0.2	1.2
2	2	1.5	0.2	5
1	10	2.5	0.2	1.5
5	1.5	1	0.2	6
10	2	1.5	0.2	1.8
4	1.5	1.5	0.2	0.4
1	2	1	0.2	0.6
2	1.5	1	0.2	2.5
1	5	2.5	0.2	0.45
1	1.5	1.5	0.2	6
10	2	1.5	0.2	6
6	2.5	2	0.2	2
2	2.5	2	0.2	2
1	10	1	0.2	1
1	5	1	0.2	1
5	1	1	0.2	1.2
1	3	2	0.2	1.2
2	2	1.5	0.2	5
1	10	2.5	0.2	1.5
5	1.5	1	0.2	1.35
3	1.5	1.5	0.2	0.4
1	2	1	0.2	8
10	2	2	0.2	

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Signature
10-11-2024

Nos.	Length (m)	Width (m)	Thickness (m)	Qty. (Cum.)
			0.2	1.6
8	1	1	0.2	2
5	2	1	0.2	3
5	2	1.5	0.2	2.25
5	1.5	1.5	0.2	1.8
3	2	1.5	0.2	3
1	5	3	0.2	7.5
6	2.5	2.5	0.2	15
2	30	1.25	0.2	0.6
3	1	1	0.2	1.8
3	3	1	0.2	3.2
8	2	1	0.2	0.6
3	1	1	0.2	2.4
1	8	1.5	0.2	6
1	30	1	0.2	3.2
8	2	1	0.2	0.64
4	1	0.8	0.2	2.5
1	5	2.5	0.2	2.25
5	1.5	1.5	0.2	1.8
3	2	1.5	0.2	3
1	5	3	0.2	7.5
6	2.5	2.5	0.2	15
2	30	1.25	0.2	0.6
3	1	1	0.2	1.8
3	3	1	0.2	3.2
8	2	1	0.2	0.6
3	1	1	0.2	2.4
1	8	1.5	0.2	1.2
1	3	2	0.2	4.5
1	6	3.75	0.2	0.14
2	0.6	0.6	0.2	3.2
1	20	0.8	0.2	0.4
2	1	1	0.2	0.4
1	2	1	0.2	0.8
5	1	0.8	0.2	7.5
1	10	3.75	0.2	
			Total	258.58

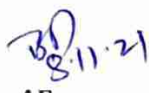
Name of Road :-

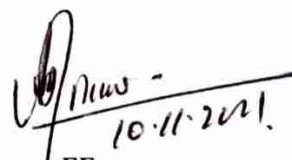
Dih Pipariya To Basauna

SEIGNIORAGE FEE

Material	Unit	Quantity	Basic rate	Amount	Seigniorage fee
Earth	m3	0.00	34.82	0.00	0.00
GSB 26.5-9.5	m3	115.84	604.91	70075.10	7007.51
GSB 9.5-2.36	m3	82.75	514.58	42579.23	4257.92
Local sand	m3	132.39	141.85	18779.94	1877.99
Agg-63-45 G2	m3	0.00	480.64	0.00	0.00
Screening B	m3	0.00	397.73	0.00	0.00
Moorum	m3	0.00	159.97	0.00	0.00
Coarse sand	m3	0.00	200.80	0.00	0.00
Brick Bats	m3	0.00	1032.00	0.00	0.00
				131434.27	13143.43


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Name of Road

Dih Pipariya To Basauna

Sl. No.	Description	Unit	Quantity	Material Analysis (Minor Mines)																		
				Earth	GSB 53-9.5	GSB 26.5-9.5	GSB 9.5-2.36	Local sand	Agg-63-45 G2	Screening B	Mooru m	53-22.4 G3	Agg 13.2 mm	agg 9.5-4.75	agg 4.75 below	agg 40	agg 20	agg 10	Stone Aggs	stone	Coarse sand	cement
1	GSB Grading II	m3	258.58			115.8	82.7	132.39														
				0.00	0.00	115.84	82.75	132.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

J.E. 8/11/24

8.11.24
A.E.

10.11.2021
E.E.

Analysis for Carriage by Road & Rail

Name of Road:--- Dih Pipariya To Basauna

District:- Lakhisarai

Block :- Pipariya

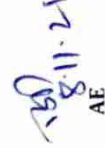
Sl No	Item with Source	Unit	Source Up to	Carriage Cost & Lead in Km					Katcha	Loading & Unloading Cost	Carriage Cost by Rail Head	Total *	
				Pucka / Surface									
1	Stone Metal Gr-I & Gr-II	Cum	Sheikhpura	8.00 4.59	x 7.94	x 46.00 Km	= Rs 636.58	8.00 4.59	x 19.23	x 0.00 Km	= Rs 0.00	210.23	Rs. 846.81
2	Stone Metal Gr-III / GSB	Cum	Sheikhpura	8.00 4.99	x 7.94	x 46.00 Km	= Rs 585.56	8.00 4.99	x 19.23	x 0.00 Km	= Rs 0.00	210.23	Rs. 795.79
3	Stone Aggregate / Chips	Cum	Sheikhpura	8.00 4.99	x 7.94	x 26.00 Km	= Rs 330.97	8.00 4.99	x 19.23	x 0.00 Km	= Rs 0.00	210.23	Rs. 1899.31
4	Stone Boulder	Cum	Sheikhpura	8.00 4.80	x 7.94	x 46.00 Km	= Rs 608.73	8.00 4.80	x 19.23	x 0.00 Km	= Rs 0.00	210.23	Rs. 818.96
5	Coarse Sand	Cum	Kiul River	8.00 4.99	x 7.94	x 33.00 Km	= Rs 420.07	8.00 4.99	x 19.23	x 1.00 Km	= Rs 30.83	113.70	Rs. 564.60
6	Binding Material/Moorum	Cum	Sheikhpura	8.00 6.00	x 7.94	x 46.00 Km	= Rs 486.99	8.00 6.00	x 19.23	x 0.00 Km	= Rs 0.00	113.70	Rs. 600.69
7	Local Sand	Cum	Local	8.00 4.99	x 7.94	x 2.00 Km	= Rs 25.46	8.00 4.99	x 19.23	x 1.00 Km	= Rs 30.83	113.70	Rs. 169.99
8	Brick	1000 Nos	Local	8.00 2.00	x 7.94	x 7.00 Km	= Rs 222.32	8.00 2.00	x 19.23	x 1.00 Km	= Rs 76.92	477.52	Rs. 776.76
9	Cement	MT	Local	8.00 8.00	x 7.94	x 17.00 Km	= Rs 134.98	8.00 8.00	x 19.23	x 0.00 Km	= Rs 0.00	316.10	Rs. 451.08
10	Steel	MT	Local	8.00 8.00	x 7.94	x 17.00 Km	= Rs 134.98	8.00 8.00	x 19.23	x 0.00 Km	= Rs 0.00	337.28	Rs. 472.26
11	Bitumen Emulsion	MT	Barauni	8.00 8.00	x 7.94	x 93.00 Km	= Rs 738.42	8.00 8.00	x 19.23	x 0.00 Km	= Rs 0.00	361.31	Rs. 1099.73
12	Bitumen	MT	Barauni	8.00 8.00	x 7.94	x 93.00 Km	= Rs 738.42	8.00 8.00	x 19.23	x 0.00 Km	= Rs 0.00	361.31	Rs. 1099.73
13	Hume Pipe (1000 mm)	m	Lakhisarai	8.00 10.00	x 7.94	x 29.00 Km	= Rs 184.21	8.00 10.00	x 19.23	x 0.00 Km	= Rs 0.00	81.88	Rs. 266.09
14	Hume Pipe (600 mm)	m	Lakhisarai	8.00 25.00	x 7.94	x 29.00 Km	= Rs 73.68	8.00 25.00	x 19.23	x 0.00 Km	= Rs 0.00	35.09	Rs. 108.77
15	Brick Bat	Cum	Local										Rs. 1032.00

Cost of Haulage Excluding Loading & Unloading as per SOR

Type of Road	Per Ton. Km by Tipper	Per Ton. Km by Truck
For Surface Road	10.10	7.94
Unsurface Gravel Road	12.10	9.56
Kachha Road	24.30	19.23

* Subjected to Verification of Lead

 JE
8/11/24
AE
RWD

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8/11/24
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10.11.24

Analysis for Carriage Through Railway from Quarry Site to Work Site

Mirzachawki to Kiul

Material -Stone Aggregate / Chips

Quarry Site to Mirzachawki Railway Yard (By Road)

Pucka/ Surface	=	$\frac{8.00}{4.99}$	x	7.94	x	4.00 Km	=	Rs 50.92
Unsurface Gravel Road	=	$\frac{8.00}{4.99}$	x	9.56	x	0.00 Km	=	Rs 0.00
Kachha Road	=	$\frac{8.00}{4.99}$	x	19.23	x	0.00 Km	=	Rs 0.00
Loading & Unloading	=						=	Rs 210.23

(i) Total "A" = Rs 261.15

Mirzachawki Railway Yard to Kiul Railway Yard = 157.00 Km

Railway freight charge from Mirzachawki Railway station = For 1 MT 157.00 Km = Rs 316.10 = Rs 316.10

Busy Season charge 12% of Railway freight charge = For 1 MT = 12% = Rs 37.93

Railway Development Charge to 5% of Railway freight = For 1 MT = 5% = Rs 15.81

Railway Terminal Charge Rs 40/- Per Tonne Per Terminal For 1 MT 2 x Rs 40.00 = Rs 80.00

Sub-Total = For 1 MT = Rs 449.84

Add GST 1% = Rs 0.00

Total = For 1 MT = Rs 449.84

Rate for Railway freight Charge "B" For 1 Cum = Rs 449.84 x 1.60 = Rs 719.75

Add 12% Overhead = 12% = Rs 86.37

Add 10% Contractor Profit = 10% = Rs 80.61

(ii) Gross Rate for Railway freight Charge = For 1 Cum = Rs 886.73

(iii) Loading & Unloading Cost = For 1 Cum = Rs 210.23

Carriage Cost from Quarry to Kiul Railway Yard

(i) + (ii) + (iii) = For 1 cum = Rs 261.15 + Rs 886.73 + Rs 210.23 = 1358.11

Schedule XLV-Form No. 134

Motorable of Road from Dil Rajpurg
to Basenung

DIVISION

Laxhi Sewai

SUB-DIVISION

Pipariy

MEASUREMENT BOOK

680

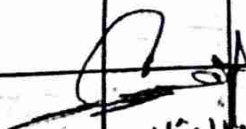
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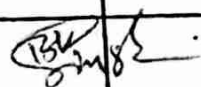
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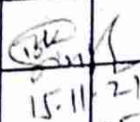
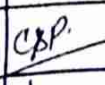
13	9.00	2.00	1.40	1.90
14	12.00	2.00	1.40	2.90
15	15.00	2.00	1.40	3.90
16	18.00	2.00	1.40	4.90
17	21.00	2.00	1.40	5.90
18	24.00	2.00	1.40	6.90
19	27.00	2.00	1.40	7.90
20	30.00	2.00	1.40	8.90
21	33.00	2.00	1.40	9.90
22	36.00	2.00	1.40	10.90
23	39.00	2.00	1.40	11.90
24	42.00	2.00	1.40	12.90
25	45.00	2.00	1.40	13.90
26	48.00	2.00	1.40	14.90
27	51.00	2.00	1.40	15.90
28	54.00	2.00	1.40	16.90
29	57.00	2.00	1.40	17.90
30	60.00	2.00	1.40	18.90
31	63.00	2.00	1.40	19.90
32	66.00	2.00	1.40	20.90
33	69.00	2.00	1.40	21.90
34	72.00	2.00	1.40	22.90
35	75.00	2.00	1.40	23.90
36	78.00	2.00	1.40	24.90
37	81.00	2.00	1.40	25.90
38	84.00	2.00	1.40	26.90
39	87.00	2.00	1.40	27.90
40	90.00	2.00	1.40	28.90
41	93.00	2.00	1.40	29.90
42	96.00	2.00	1.40	30.90
43	99.00	2.00	1.40	31.90
44	102.00	2.00	1.40	32.90
45	105.00	2.00	1.40	33.90
46	108.00	2.00	1.40	34.90
47	111.00	2.00	1.40	35.90
48	114.00	2.00	1.40	36.90
49	117.00	2.00	1.40	37.90
50	120.00	2.00	1.40	38.90
51	123.00	2.00	1.40	39.90
52	126.00	2.00	1.40	40.90
53	129.00	2.00	1.40	41.90
54	132.00	2.00	1.40	42.90
55	135.00	2.00	1.40	43.90
56	138.00	2.00	1.40	44.90
57	141.00	2.00	1.40	45.90
58	144.00	2.00	1.40	46.90
59	147.00	2.00	1.40	47.90
60	150.00	2.00	1.40	48.90
61	153.00	2.00	1.40	49.90
62	156.00	2.00	1.40	50.90
63	159.00	2.00	1.40	51.90
64	162.00	2.00	1.40	52.90
65	165.00	2.00	1.40	53.90
66	168.00	2.00	1.40	54.90
67	171.00	2.00	1.40	55.90
68	174.00	2.00	1.40	56.90
69	177.00	2.00	1.40	57.90
70	180.00	2.00	1.40	58.90
71	183.00	2.00	1.40	59.90
72	186.00	2.00	1.40	60.90
73	189.00	2.00	1.40	61.90
74	192.00	2.00	1.40	62.90
75	195.00	2.00	1.40	63.90
76	198.00	2.00	1.40	64.90
77	201.00	2.00	1.40	65.90
78	204.00	2.00	1.40	66.90
79	207.00	2.00	1.40	67.90
80	210.00	2.00	1.40	68.90
81	213.00	2.00	1.40	69.90
82	216.00	2.00	1.40	70.90
83	219.00	2.00	1.40	71.90
84	222.00	2.00	1.40	72.90
85	225.00	2.00	1.40	73.90
86	228.00	2.00	1.40	74.90
87	231.00	2.00	1.40	75.90
88	234.00	2.00	1.40	76.90
89	237.00	2.00	1.40	77.90
90	240.00	2.00	1.40	78.90
91	243.00	2.00	1.40	79.90
92	246.00	2.00	1.40	80.90
93	249.00	2.00	1.40	81.90
94	252.00	2.00	1.40	82.90
95	255.00	2.00	1.40	83.90
96	258.00	2.00	1.40	84.90
97	261.00	2.00	1.40	85.90
98	264.00	2.00	1.40	86.90
99	267.00	2.00	1.40	87.90
100	270.00	2.00	1.40	88.90

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x2.00x2.00x0.2					1.20
2x2.00x1.50x0.2					1.20
1x10.00x2.50x0.2					5.00
5x1.50x1.00x0.2					1.50
3x1.50x1.50x0.2					1.35
1x2.00x1.00x0.2					0.40
10x2.00x2.00x0.2					8.00
8x1.00x1.00x0.2					1.60
5x2.00x1.00x0.20					2.00
5x2.00x1.50x0.2					3.00
5x1.50x1.50x0.20					2.25
3x2.00x1.50x0.20					1.80
1x5.00x3.00x0.20					3.00
2x30.00x1.25x0.20					15.00
6x2.50x2.50x0.2					7.50
3x1.00x1.00x0.2					0.60
3x3.20x1.00x0.2					1.80
8x2.00x1.00x0.2					3.20
3x1.00x1.00x0.2					0.60
1x8.00x1.50x0.2					2.40
1x30.00x1.00x0.2					6.00
8x2.00x1.00x0.2					3.20
1x5.00x2.50x0.20					2.50
5x1.50x1.50x0.2					2.25
3x2.00x1.50x0.2					3.00
6x2.50x2.50x0.2					15.00
3x1.00x1.00x0.2					0.60

Particulars	Details of actual measurement				Contents area
	No.	L.	B.	D.	
87	2.77	1.77	+0.2	=	3.20
37	1.77	+1.77	+0.2	=	0.60
17	8.77	1.50	+0.20	=	2.40
17	3.77	2.77	+0.20	=	1.20
17	6.77	+3.75	+0.2	=	4.50
27	0.6	+0.6	+0.2	=	0.14
17	20.77	+8	+0.2	=	3.20
27	1.77	+1.77	+0.20	=	0.40
17	2.77	+1.77	+0.20	=	0.41
57	1.77	+0.80	+0.2	=	0.80
17	10	+3.75	+0.2	=	7.50
					258.580


 15.11.21
 S.B.


 15.11.21
 AE

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
1. Boundary and P/L's					
CSB Contn. in Area					
only					
V.M.P. @					
$208.58 \text{ m}^2 \times 1504.87 / \text{m}^2 = 3,89,116$					
Add 1% Lab & Cos $\rightarrow$ RS 38911.6					
Add 12% Cost $\rightarrow$ RS 46694.2					
Add 10% Scaffolding fee					
CSB Contn.					
$26.5 \text{ mm} \times 9.5 \text{ mm}$					
$115.84 \text{ m}^2 \times 604.91 / \text{m}^2 = 10.15$					
$9.5 \text{ mm} \times 2.36 \text{ mm}$					
$92.75 \times 514.58 \times 104 \rightarrow$ RS 42581.00					
C.C. fixed					
$132.39 \text{ m}^2 \times 141.85 \times 104 \rightarrow$ RS 1878.00					
RS 452845.00					
 15-11-21 JE  15-11-21 AE  C.B.P.					
 15-11-2021 E.E.					

Inspection Report for Flood Damage Work

Date :- 30.11.2021

Name of PIU :- E E RWD, Kharagpur - Tarapur

Name of Block/ Road :- Pipariya / Motorable of road from Dik Pipariya to Basara

A. For Road

1. Damage Location/ Chainage :- ch 366 m to 766 m
2. Damage Length :- 0.400 km
3. Nature of Damage :- Road crust Badly Damaged during flood & over Topping
4. Details of Restoration Works :- Pondsip GSB Gr II
- (i) Material being in Restoration works :- GSB Gr II
- (ii) Equipment's /Tools being used in Restoration works :- JCB, Tractor, Roller
- (iii) Procedure take up in Restoration works :- Filling of GSB Gr II layer wise
- (iv) Restored Length :- 0.400 km

B. For Bridge :-

1. Damage Location/ Chainage :-
2. Damage Length :-
3. Nature of Damage :-
4. Details of Restoration Works :-
- (i) Material being in Restoration works :-
- (ii) Equipment's /Tools being used in Restoration works :-
- (iii) Procedure take up in Restoration works :-
- (iv) Restored Length :-


30/11/2021
Signature
(Name of Inspection)