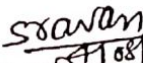


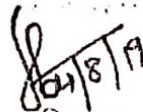
प्रतिवेदन

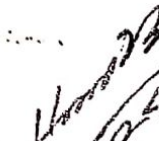
योजना का नाम : थारु पंचायत भवन से गोपालपुर पथ का FDR अन्तर्गत मरम्मत कार्य।
पथ की लंबाई : 1.870 कि०मी०
प्राक्कलित राशि : 1.960 लाख।
प्रखंड : पूसा।

प्रस्तुत प्राक्कलन विगत दिनों आई बाढ़/अतिवृष्टि से क्षतिग्रस्त पथों को मरम्मत हेतु पत्रांक 3193 दिनांक 26.07.2019 सचिव, ग्रामीण कार्य विभाग, पटना बिहार एवं जिलाधिकारी समस्तीपुर के पत्रांक 1053 दिनांक 16.08.2019 के आदेशानुसार बनाया गया है। पथ में अतिवृष्टि द्वारा कटाव एवं क्षतिग्रस्त स्थलो का जाँच कर पथ को आवागमन सुचारु करने हेतु वर्तमान में आपातकालीन मरम्मत की गई है।

प्राक्कलन में आवश्यकता अनुसार ब्रीक बैट से भराई एवं GSB का प्रावधान किया गया है। यह प्राक्कलन वर्तमान अनुसूचित दर पर संवेदक लभांश छोड़कर बनाया गया है। प्राक्कलन के प्रशासनिक स्वीकृति की प्रत्यासा में जनहित में आपातकालीन मरम्मत कराई गई हैं।


क.नीय अगियता
ग्रामीण कार्य विभाग
कार्य प्रशाखा, पूसा


सहायक अगियता
ग्रामीण कार्य विभाग
कार्य अवर प्रमंडल, पूसा


कार्यपालक अगियता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, समस्तीपुर

FDR

GENERAL ABSTRACT OF COST

Block:--

Pusa

District: Samastipur

Construction Length of Road:-- 0.084 KM

Name of Road:--

Tharu Panchyat Bhawan To Gopalpur

SL. No.	Item of Work	Amount
A	TOTAL COST OF CONSTRUCTION	1.966 Lacs
	GST @12% & LABOUR CESS @1%	0.256 Lacs
	TOTAL(A)	2.221 Lacs

Junior Engineer *ssawan 09/08/19*

Asstt. Engineer *8/24/19*

Executive Engineer *10/24/19*

Technically Approved for Rs. 2.221 Lacs, say Two Lacs, Twenty two thousand and one hundred and one only.

SE
-RWB
अधीक्षण अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल-समस्तीपुर
31/9/19

Sl. No.	SDB SL/NO	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (In Rs.)
1		supplying filling brick bat compacted manually by CI hammer								
		supplying filling brick bat compacted manually by CI hammer including all complete job								
		CH 1.650 km to CH - 1.662 km Cum	Cum	1	12.00	3.500	0.180	7.56		
		CH 1.710 km to CH - 1.735 km Cum	Cum	1	8.00	3.000	0.205	4.92		
		CH 1.710 km to CH - 1.735 km Cum	Cum	1	17.00	3.500	0.225	13.39		
		CH 1.748 km to CH - 1.771 km Cum	Cum	1	25.00	2.750	0.225	15.47		
		CH 1.780 km to CH - 1.814 km Cum	Cum	1	22.00	3.500	0.200	15.40		
		Net Qty: Cum						56.74	1,778.32	1,00,895.00
2	4.1	Granular Sub-base with Well Graded Material (Table 400.1) (By mix in place method) For Grading II Material							A) SUB TOTAL =	1,00,895.00
		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.								
		CH - 1.650 km to 1.662 km Cum	Cum	1	12.00	3.500	0.150	6.30		
		CH 1.710 km to 1.735 km Cum	Cum	1	8.00	3.000	0.150	3.60		
		CH 1.710 km to 1.735 km Cum	Cum	1	17.00	3.500	0.150	8.93		
		CH 1.748 km to 1.771 km Cum	Cum	1	25.00	2.750	0.150	10.31		
		CH 1.780 km to 1.814 km Cum	Cum	1	22.00	3.500	0.150	11.55		
		Net GSB Qty						40.69	2,351.93	95,694.00
									B) SUB TOTAL =	95,694.00
									TOTAL COST OF PAVEMENT IN RS. (A+B)=	1,96,589.00

JE 07/05/16
RWD

AE
RWD

	EE	RWD
1	0.0000	0.0000
2	0.0000	0.0000
3	0.0000	0.0000
4	0.0000	0.0000
5	0.0000	0.0000
6	0.0000	0.0000
7	0.0000	0.0000
8	0.0000	0.0000
9	0.0000	0.0000
10	0.0000	0.0000
11	0.0000	0.0000
12	0.0000	0.0000
13	0.0000	0.0000
14	0.0000	0.0000
15	0.0000	0.0000
16	0.0000	0.0000
17	0.0000	0.0000
18	0.0000	0.0000
19	0.0000	0.0000
20	0.0000	0.0000
21	0.0000	0.0000
22	0.0000	0.0000
23	0.0000	0.0000
24	0.0000	0.0000
25	0.0000	0.0000
26	0.0000	0.0000
27	0.0000	0.0000
28	0.0000	0.0000
29	0.0000	0.0000
30	0.0000	0.0000
31	0.0000	0.0000
32	0.0000	0.0000
33	0.0000	0.0000
34	0.0000	0.0000
35	0.0000	0.0000
36	0.0000	0.0000
37	0.0000	0.0000
38	0.0000	0.0000
39	0.0000	0.0000
40	0.0000	0.0000
41	0.0000	0.0000
42	0.0000	0.0000
43	0.0000	0.0000
44	0.0000	0.0000
45	0.0000	0.0000
46	0.0000	0.0000
47	0.0000	0.0000
48	0.0000	0.0000
49	0.0000	0.0000
50	0.0000	0.0000
51	0.0000	0.0000
52	0.0000	0.0000
53	0.0000	0.0000
54	0.0000	0.0000
55	0.0000	0.0000
56	0.0000	0.0000
57	0.0000	0.0000
58	0.0000	0.0000
59	0.0000	0.0000
60	0.0000	0.0000
61	0.0000	0.0000
62	0.0000	0.0000
63	0.0000	0.0000
64	0.0000	0.0000
65	0.0000	0.0000
66	0.0000	0.0000
67	0.0000	0.0000
68	0.0000	0.0000
69	0.0000	0.0000
70	0.0000	0.0000
71	0.0000	0.0000
72	0.0000	0.0000
73	0.0000	0.0000
74	0.0000	0.0000
75	0.0000	0.0000
76	0.0000	0.0000
77	0.0000	0.0000
78	0.0000	0.0000
79	0.0000	0.0000
80	0.0000	0.0000
81	0.0000	0.0000
82	0.0000	0.0000
83	0.0000	0.0000
84	0.0000	0.0000
85	0.0000	0.0000
86	0.0000	0.0000
87	0.0000	0.0000
88	0.0000	0.0000
89	0.0000	0.0000
90	0.0000	0.0000
91	0.0000	0.0000
92	0.0000	0.0000
93	0.0000	0.0000
94	0.0000	0.0000
95	0.0000	0.0000
96	0.0000	0.0000
97	0.0000	0.0000
98	0.0000	0.0000
99	0.0000	0.0000
100	0.0000	0.0000

1815

Analysis for Carriage by Road & Rail
Tharu Panchyat Bhawan To Gopalpur

District:- Samastipur

Block:- Pusa

SI No	Item with Source	Unit	Source Up to	Pucka / Surface	Carriage Cost & Lead in Km	Katcha	ding & loading Cost	Carriage Cost by Pail Head	Total
1	Stone Metal Gr-I & Gr-II	Cum	Sheikhpura	8.00 x 8.20 x 12.00 Km = Rs 171.50	8.00 x 19.80 x 0.00 Km = Rs 0.00		89.90	1040.42	Rs. 1301.91
2	Stone Metal Gr-III / GSB	Cum	Sheikhpura	4.59 x 8.20 x 12.00 Km = Rs 157.76	4.59 x 19.80 x 0.00 Km = Rs 0.00		89.90	979.53	Rs. 1227.29
3	Stone Aggregate / Chips	Cum	Mirza Cheuki	8.00 x 8.20 x 12.00 Km = Rs 157.76	8.00 x 19.80 x 0.00 Km = Rs 0.00		89.90	1403.93	Rs. 1651.59
4	Stone Boulder	Cum	Sheikhpura	4.99 x 8.20 x 12.00 Km = Rs 164.00	4.99 x 19.80 x 0.00 Km = Rs 0.00		89.90	1007.24	Rs. 1261.14
5	Course Sand	Cum	Kuil	8.00 x 7.47 x 90.00 Km = Rs 1077.84	8.00 x 18.09 x 0.00 Km = Rs 0.00		104.14		Rs. 1181.98
6	Local Sand	Cum	Local	4.99 x 7.47 x 2.00 Km = Rs 23.95	4.99 x 18.09 x 1.00 Km = Rs 29.00		104.14		Rs. 157.09
7	Brick	1000 Nos	Local	8.00 x 7.47 x 7.00 Km = Rs 209.16	8.00 x 18.09 x 1.00 Km = Rs 72.36		432.90		Rs. 720.42
8	Cement	MT	Local	2.00 x 7.47 x 10.00 Km = Rs 74.70	2.00 x 18.09 x 0.00 Km = Rs 0.00		314.36		Rs. 389.06
9	Steel	MT	Local	8.00 x 7.47 x 10.00 Km = Rs 74.70	8.00 x 18.09 x 0.00 Km = Rs 0.00		333.78		Rs. 408.48
10	Bitumen Emulsion	MT	Muzaffarpur	8.00 x 7.47 x 65.00 Km = Rs 485.55	8.00 x 18.09 x 0.00 Km = Rs 0.00		361.95		Rs. 847.50
11	Bitumen	MT	Barauni	8.00 x 7.47 x 55.00 Km = Rs 410.85	8.00 x 18.09 x 0.00 Km = Rs 0.00		361.95		Rs. 772.80
12	Hume Pipe (1000 mm)	m	Samastipur	8.00 x 7.47 x 10.00 Km = Rs 59.76	8.00 x 18.09 x 0.00 Km = Rs 0.00		75.20		Rs. 134.96
13	Hume Pipe (600 mm)	m	Samastipur	10.00 x 7.47 x 10.00 Km = Rs 23.90	10.00 x 18.09 x 0.00 Km = Rs 0.00		32.23		Rs. 56.13
14	Hume Pipe (300 mm)	m	Samastipur	25.00 x 7.47 x 10.00 Km = Rs 9.96	25.00 x 18.09 x 0.00 Km = Rs 0.00		32.23		Rs. 42.19
				60.00 x 7.47 x 10.00 Km = Rs 9.96	60.00 x 18.09 x 0.00 Km = Rs 0.00		32.23		Rs. 42.19

Cost of Haulage Excluding Loading & Unloading as per SO aa

Type of Road	Per Ton. Km by Tipper	Per Ton. Km by Truck
For Surface Road	8.20	7.47
Unsurface Gravel Road	9.90	8.99
Kachha Road	19.80	18.09

* Subjected to Verification of Lead

Signature
JE
RWD

Signature
AE
RWD

EE
RWD

Name of Road:- Analysis for Carriage by Road & Rail
Tharu Panchyat Bhawan To Gopalpur

Block :- Pusa
District:- Samastipur

0.200 KM.

Sl No	Item	Unit	Carriage Cost By Road (Per cum)	Carriage Cost By Road & Rail (Per cum)	Minimum Carriage Cost (Adopted in DPR)
1	Stone Metal Gr-I & Gr-II	Cum	1833.52	1301.81	1301.81
2	Stone Metal Gr-III / GSB	Cum	1693.75	1227.29	1227.29
3	Stone Aggregate / Chips	Cum	3166.13	1651.59	1651.59
4	Stone Boulder	Cum	2090.70	1261.14	1261.14
5	Course Sand	Cum	1180.66	1181.98	1180.66
6	Local Sand	Cum	155.77	157.09	155.77
7	Brick	1000 Nos	714.74	720.42	714.74
8	Cement	MT	389.06	389.06	389.06
9	Steel	MT	408.48	408.48	408.48
10	Bitumen Emulsion	MT	843.04	847.50	843.04
11	Bitumine (Barauni)	MT	768.34	772.80	768.34
12	Hume Pipe (1000 mm)	Pipe	133.99	134.96	133.99

SRAYON
24/08/19
Junior Engineer

8/24/8/19
Asstt. Engineer

24/8/19
Executive Engineer