



ग्रामीण कार्य विभाग

Rural Works Department, Govt. of Bihar

FLOOD DAMAGED REPAIR (F.D.R.)

STATE :- BIHAR
DISTRICT :- SIWAN
BLOCK :- BASANTPUR

Basantpur Surajpura (Mathia) To Bazipur Via Shekhpura

ESTIMATED COST - RS.

~~812200.00~~ 8,12,500/-

SUBMITTED BY :-
EXECUTIVE ENGINEER
RWD (W) DIVISION
MAHARAJGANJ

Report

Name of Work :- Motorable work of Basantpur Surajpura (Mathia) To Bazipur Via Shekhpura

Estimated Cost :- 812200.00 8,12,500/-

Total length of Road :- 7.950 km

Description :- The present estimate has been farmed under the supervision of Assistant engineer in accordance with the order of Executive Engineer, RWD, Maharajganj, letter No. - 1574 dated 18-08-2020. The part of above mentioned road has been damaged due to heavy rain/flood. And due to this damage the transporation has been obstructed. The immediate motorable work is necessary in public interest. Villagers will be benefitted by the completion of this motorable work.

In the estimate there has been a provision of repairing the damaged part of the road & making it motorable by filling brickbats. In the context of post flood scenario there is still the flow of water which prevails through the damaged part of the road.

In this estimate the rate of raw materials and labour wages has been prepared after the analysis of new rate. This estimate is as per the specifications. The estimate is devoted to technical and administrative acceptance.

[Signature]
20/12/20
J.E.

[Signature]
20/12/20
A.E.

[Signature]
20/12/20
E.E.

**Detailed Estimate For Motorable Work in Road from Basantpur Surajpura (Mathia)
To Bazipur Via Shekhpura damaged due to Heavy rain/flood for year 2020-2021**

Sr.	Items	No.	L (M.)	W (M.)	D (M.)	Qty.	Unit	Rate	Amount
1	Providing brick bats billed in ditches including all cost of labour & material with all complete job.								
	CH - 0 M to 41 M	1	3.50	(4.00 + 3.00)/2	0.125	1.53	M3		
	CH - 120 M to 130 M	1	10.00	(2.00+2.00)/2	0.200	4.00	M3		
	CH - 470 M to 500 M	1	30.00	(5.00 + 2.50) /2	0.150	16.88	M3		
	CH - 600 M to 860 M	8	30.00	3.75	0.150	135.00	M3		
		1	20.00	3.75	0.150	11.25	M3		
	CH - 1025 M to 1095 M	2	30.00	3.75	0.150	33.75	M3		
		1	10.00	3.75	0.150	5.63	M3		
	CH - 1267 M to 1317 M	1	30.00	3.75	0.300	33.75	M3		
		1	20.00	3.75	0.300	22.50	M3		
	CH - 1817 M to 1820 M	1	3.00	(1.00+1.00	0.150	0.45	M3		
	CH - 2800 M to 2803 M	1	3.00	3.75	0.125	1.41	M3		
	CH - 6783 M to 6792 M	1	12	5.00	1.200	72	M3		
						338.14	M3		
	Less for H.P.	3.16	1.23	1.23	5.00	23.90	M3	2412.11	757957.00
						314.23	M3	2427.65	762845.39
2	Providing & laying 1000 MM Dia NP3 Hume Pipe in single row -do-do- complete job.	4	2.50			10.00	M	2744.50 4159.56	27445.00 41595.60
									7854.00 80444.99
	Add 1 % Contingency								7854.00 8044.45
								Total	793256.00 812489.44
								Say	812500.00

Say Rs 7.933 Lacs :-

Handwritten: 20/12/20
JE

Handwritten: Alex
20/12/20
AB

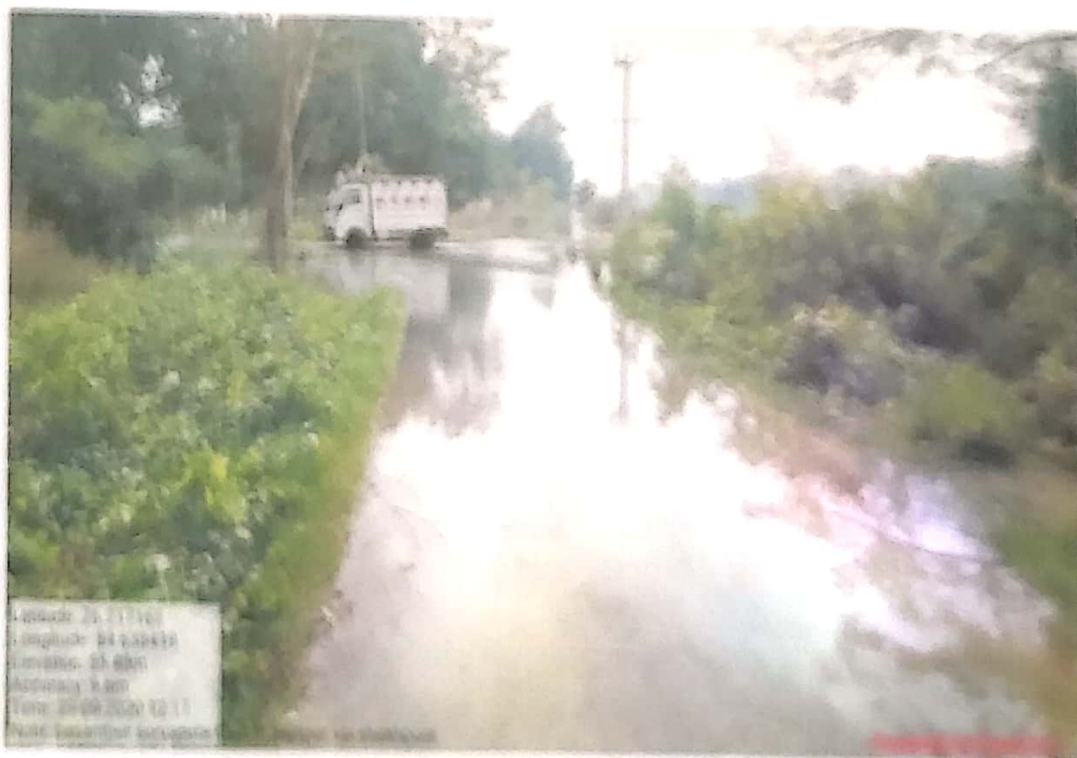
Handwritten: 20/12/20

Technically Approved for Rs 7.933 Lacs (Rupees Seven Lacs Ninety Three Thousand & Three Hundred) only

Handwritten: 21/01/21
अधीक्षण अभियंता
ग्रामीण कार्य विभाग कार्य अंचल-सिवान
R 21/01/2021
u

1	Providing brick bats billing in ditcel Including all cost of labour & material				
A.	Basic Rate of Brick Bats (RCD SOR)	Per Cum		1017.00	1017.00
	Add Royalty (450 Bricks/Cum)		450.00	0.00	0.00
	Add overhead Charges		6%		61.02
	Total				1078.02
	Surface Lead	KM	7		
	Unsurface Lead	KM	1		
	Factor (3.6/2.25)	Cum	1.60		
B.	Carriage (With OH)				
	$(1.6 \times 7 \times 17.25) + (1.6 \times 1 \times 21.55) + 1$				410.07
C.	Cost of labour pitching and light				383.15
D.	Contractor Profit @ 10% on (A+B+C)				187.12
	Total (A+B+C+D) -				2058.36
	Add 1 % Labour Cess				20.58
	Add 12 % GST				247.00
	Add 10 % cost of Material for Seignior		1.00	101.70	101.70
	Total cost per Cum			Rs.-	2427.65
2	Providing Empty Cement Bag billed				
A	Basic rate of sand Bag	Per Bag		8.46	8.46
	Add overhead charges		6%		0.51
	Total -				8.97
	1. No. cement bag filled with 40 kg/1				
	Conversion Factor : 1 M3 = 35.31466				
	1) Cubic Meter = Cubic Foot/35.3146				
	2) Cubic Meter = 1.2/ 35.3146667				
	3) Cubic Meter = 0.034				
	Hence 1 No. Sand bag filled with 0.03				
	Surface Lead	Km	2		
	Katcha Lead	Km	1		
	Factor (3.6/2.5)	Cum	1.60		
B.	Carriage (with OH)				
	$(1.6 \times 7 \times 17.25) + (1.6 \times 1 \times 26.95) + 1$				280.71
	Cost of carriage of sand in filling of o				
			280.71	0.034	9.54
C.	Cost of labour for filling sand bag,				6.08
D.	Contractor Profit @ 10% on (A+B+C)				2.46
	Total (A+B+C+D) -				27.05
	Add 1% Labour Cess				0.27
	Add 12% GST				3.25
	Add 10% Cost of Material for Seignior		0.034	14.19	0.48
	Total Cost per Bag			Rs.-	31.04

**Name of Road :- Basantpur Surajpura
(Mathia) To Bazipur Via Shekhpura**



①
20/12/20
SE

AB
20/12/20
AB

AB
20/12/20

Name of Road :- Basantpur Surajpura (Mathia) To Bazipur Via Shekhpura



20/12/20
JG

Ahu
20/12/20
AB

20/12/20

**Name of Road :- Basantpur Surajpur (Mathia)
To Bazidpur Via Shekhpura**



20/12/20
SG

Alex
20/12/20
AB

20/12/20