

Inspection Report for flood damage work

Date:

1. Name of PIUs-

EE RMD (w) Jension, Marhauri
- Panapur

2. Name of Block/Road-

Motorable dt Road from Lakari
Haradom to Totahar.

A. For Road

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

345m

Brick Bats cut in Road, 24x12x2.5 cm

- Brick Bats

- Tactor Roller

- Brick Bats

345m

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

21-11-2020

Signature of JE/AE/EE

21/11/20

21/11/2020

Signature

(Name of Inspector)



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

Works Division-Marhaura

FDR

(2020-2021)

NAME OF WORK	Motorable of Road From Pakri Narodeom To Totaha		
DISTRIC	Saran		
BLOCK	Panapur		
LENGTH OF ROAD	6.028	KM	
ESTIMATED COST	34.502	Lac	

FDR

GENERAL ABSTRACT OF COST

Block:-- Panapur

District:-- Saran

Length of Road:--

6.028 KM

Name of Road:--

Motorable of Road From Pakri Narodeom To Totaha

SL. No.	Amount
A ESTIMATED COST	: 34.502 Lacs
TOTAL	: 34.502 Lacs

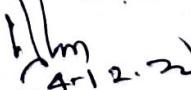

2.12.2020
Junior Engineer


04/12/2020
Asstt. Engineer


Executive Engineer

Technically approved for 34,50,200/-
Two Lakhs Fifty

(Thirty four Lakh fifty thousand)


SE
अधीक्षक अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल, छपरा

Name Of Road :-		Motorable of Road From Pakrj Narodeom To Totaha		Block:-	Panapur
Sl. No.	Description	UNIT	QUANTITY	RATE	AMOUNT (in Rs.)
1	Providing Brick Bats				
	Providing brick bats including spreading laying, Labour for dry graded jhama khoa folter under Brick Pitching or boulder pitching in slope or apron including light ramming etc. All complete job as per approved design specification and direction of E/I, including carriage cost of bricks.				
	Quantity As Per Annexure-1	CUM	1602.13	2153.51	3450184.76
				TOTAL COST =	34,50,184.76

[Signature]
4.12.2020

JE
RWD

[Signature]
04/12/2020

AE
RWD

[Signature]
4/12/20

EE
RWD

ANNEXTURE-1

Name Of Road :- Motorable of Road From Pakri Narodeam To Totaha

Block:- Panapur

Sl. No.	Description	Nos.	LENGTH (m)	WIDTH (m)	HEIGHT (m)	UNIT	QUANTITY
	Ist Time Flood						
1	CH-0.100 Km	2	5.00	1.00	1.00	CUM	10.00 m3
2	CH-0.400 Km	1	15.00	5.00	2.50	CUM	187.50 m3
3	CH-0.400 Km	1	5.00	5.00	2.00	CUM	50.00 m3
4	CH-0.400 Km	1	15.00	3.00	2.00	CUM	90.00 m3
5	CH-0.450 Km	1	20.00	1.00	1.00	CUM	20.00 m3
6	CH-0.450 Km	2	4.00	1.00	2.00	CUM	16.00 m3
7	CH-0.450 Km	1	5.00	5.00	2.25	CUM	56.25 m3
8	CH-0.500 Km	1	32.00	1.50	1.00	CUM	48.00 m3
9	CH-0.500 Km	1	10.00	1.50	1.00	CUM	15.00 m3
10	CH-0.550 Km	1	8.00	5.00	2.50	CUM	100.00 m3
11	CH-0.610 Km	1	1.00	1.50	1.25	CUM	1.88 m3
12	CH-0.625 Km	1	4.00	5.00	1.00	CUM	20.00 m3
13	CH-0.700 Km	1	20.00	5.00	1.00	CUM	100.00 m3
14	CH-0.800 Km	1	35.00	4.00	0.60	CUM	84.00 m3
15	CH-1.050 Km	1	18.00	5.00	1.00	CUM	90.00 m3
16	CH-1.100 Km	1	10.00	2.00	1.00	CUM	20.00 m3
17	CH-1.200 Km	4	5.00	1.50	1.00	CUM	30.00 m3
18	CH-1.310 Km	1	2.00	5.00	1.50	CUM	15.00 m3
19	CH-1.350 Km	1	3.00	3.00	1.50	CUM	13.50 m3
20	CH-1.400 Km	1	7.00	4.00	2.50	CUM	70.00 m3
21	CH-1.440 Km	1	5.00	4.00	3.00	CUM	60.00 m3
22	CH-1.500 Km	1	10.00	5.00	2.00	CUM	100.00 m3
23	CH-1.500 Km	1	10.00	5.00	3.00	CUM	150.00 m3
24	CH-2.600 Km	1	10.00	4.00	0.60	CUM	24.00 m3
25	CH-3.000 Km	1	50.00	1.00	1.50	CUM	75.00 m3
	2nd Time Flood						
1	CH-3.150 Km	1	8.00	5.00	2.50	CUM	100.00 m3
2	CH-3.150 Km	1	20.00	2.00	1.00	CUM	40.00 m3
3	CH-3.150 Km	1	8.00	2.00	1.00	CUM	16.00 m3
TOTAL QUANTITY =							1602.13 m3

JE
RWD
24.12.2020

AE
RWD
04/12/2020

EE
RWD
04/12/2020

Brick Bats Pitching Manual Means

Sl. No.	DESCRIPTION	Unit	Quantity	Rate	Amount in Rs
6.6.1 WRD Bihar	Labour for dry graded jhama khoa folter under Brick Pitching or boulder pitching in slope or apron including light ramming etc. All complete as per approved design specification and direction of E/I.				
	Unit:-Per Cum				
	Taking Output =2.832 Cum				
	Unskilled Mazdoor				
	Add 6% Overhead Charge	Nos.	3	287.00	861.00
	Rate for 2.832 Cum				51.66
	Rate Per Cum(Rs.)=				912.66
					322.27
RCD	Cost of haulage Excluding Loading and Unloading				
	Haulage of Materials By Tractor Excluding Cost Of loading, unloading and stacking				
	Unit-t.km				
	Taking output 3.60 tonnes load and lead 10 km =36.0 t.km				
	(i) Surface Road				
	Speed With load :15 km / hour.				
	a)Machinery.				
	Tractor 3.6 tonnes Capacity				
	Time Taken For onward haulage with load	hour	0.667	549.10	366.25
	Time Taken For empty return trip	hour	0.400	549.10	219.64
	b) Overhead Charges @0.06 on (a)				35.15
	Cost for 36 t km=(a+b+c)/36				621.04
	Say RS.-				17.25
	ii) Unsurface Gravel Road				
	Speed With load :12 km / hour.				
	Speed for empty return trip :20 km / hour.				
	a)Machinery.				
	Tractor 3.6 tonnes Capacity				
	Time Taken For onward haulage with load	hour	0.833	549.10	457.40
	Time Taken For empty return trip 0.50	hour	0.500	549.10	274.55
	b) Overhead Charges @0.06 on (a)				43.92
	Cost for 36 t km=(a+b+c)/840.34				775.87
	Rate per t.km = (a+b+c)/3623.34				21.55
	Say RS.-				21.55

1.1 RCD	Loading and Unloading of Stone Boulder / Stone aggregate / sand / kanker / Moorum				
	Placing Tractor at loading point, loading with frontloader, dumping, turnig for return trip, excluding for haulage and return trip.				
	Unit = cum				
	Taking output = 2.25 cum				
	Time required for				
	i) Positioning of Tracter at loading Point				
	ii) Loading by front end loader 1cum bucket @ capacity 25 cum per hour		1 Min		
	iii) Maneuvering, reverse, dumping and turnig for return		5 Min		
	iv) Wating time, unforeseen Contingencies etc.		0 Min		
	Total		0 Min		
	a) Labour		6 Min		
	Mate				
	Mazdoor for loading and unloading	Day	0.03	305.00	9.15
	b) Machinery	Day	0.72	287.00	206.64
	Tractor 3.60 tonnes capacity	hour	0.10	549.10	54.91
	Front end loader 1 cum bucket capacity @ 25 cum/hour	hour	0.08	1403.00	116.45
	c) Overhead charges @ 0.06 on (a+b)				23.23
	Cost for 2.25 cum = a+b+c+d				410.38
	Cost for 2.25 cum = (a+b+c+d)/2.25				182.39
Note-	Unloading will be done manually.				
1	Suplying for Brick Bats (With OH)				
A	Basic Rate of Brick Bats	Per Cum		1017.00	1017.00
	Add overhead Charges 6%		0.06		61.02
	Total-				1078.02
	Surface Lead	km	7.00		
	Unsurface Lead	km	1.00		
	Factor(3.6/2.25)	cum	1.60		
B	Carriage (with OH)				
	(1.6 x 7 x 17.25) + (1.6 x 1 x 21.55) + 182.39				410.07
C	Cost of Labour for Pitching and Light Ramming as per WRD SOR 6.6.1 (with OH)				322.27
	Total (A+B+C)-				1810.36
	Add 1% Labour Cess (A+B+C)				18.10
	Add 12% GST(A+B+C)				217.24
	Add 10% cost of Material for seigniorage Fee		1.00	107.80	107.80
	Total Cost per Cum		Rs.-		2153.51