

Inspection Report for flood damage work

Date:

1. Name of PIUs-

EE RWD (W) Division, Marhaura
Motorable of Road from Pakuli (Tob)
to Champur Charihary
- Panpur -

2. Name of Block/Road-

A. For Road

1. Damage Location/Chainage :

2. Damage Length :

3. Nature of Damage :

4. Details of Restoration :

i Material being used in Restoration - Boulders

ii Equipment/Tools being used in Restoration works :

iii Procedure taken up in Restoration works :

iv Restored Length :

- Tractor, Roller
- Boulders
- 172M

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

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 Fakuli (T06) To Chainpur Charihara.		
DISTRIC	Saran		
BLOCK	Panapur		
LENGTH OF ROAD	4.400	KM	
ESTIMATED COST	15.182	Lac	

FDR

GENERAL ABSTRACT OF COST

Block:- Panapur

District:- Saran

Length of Road:-

4.400 KM

Name of Road:-

Motorable of Road From Fakuli (T06) To Chainpur Charihara.

SL. No.	Amount
A ESTIMATED COST	: 15.182 Lacs
TOTAL	: 15.182 Lacs

ATP
4.12.2020
Junior Engineer

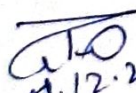
AP
04/12/2020
Asstt. Engineer

W
04/12/2020
Executive Engineer

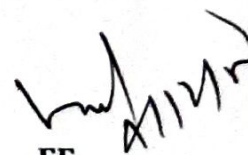
Technically approved for Rs 1518200 :- (Fifteen Lakhs Eighteen thousand Two hundred only)

SA
4.12.2020
अधीक्षक अभियंता
RWD
ग्रामीण कार्य विभाग
कार्य अंचल, छपरा

Name Of Road :-		Motorable of Road From Fakull (T06) To Chalnpur Charihara.		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	705.00	2153.51	1518221.27
				TOTAL COST =	15,18,221.27


 24.12.2020
 JE
 RWD


 04/12/2020
 AE
 RWD


 EE
 RWD

ANNEXTURE-1

Name Of Road :- Motorable of Road From Fakuli (T06) To Chainpur Charihara.

Block:- Panapur

Sl. No.	Description	Nos.	LENGTH (m)	WIDTH (m)	HEIGHT (m)	UNIT	QUANTITY
1	CH- 50 M	1	30.00	5.00	0.60	CUM	90.00 m3
2	CH- 100 M	1	7.00	5.00	1.00	CUM	35.00 m3
3	CH- 120 M	1	5.00	4.00	1.00	CUM	20.00 m3
4	CH- 200 M	1	22.00	5.00	1.50	CUM	165.00 m3
5	CH- 250 M	1	18.00	5.00	1.50	CUM	135.00 m3
6	CH- 400 M	1	5.00	4.00	1.00	CUM	20.00 m3
7	CH- 600 M	1	15.00	5.00	1.00	CUM	75.00 m3
8	CH- 1450 M	1	5.00	2.00	1.00	CUM	10.00 m3
9	CH- 1550 M	1	5.00	4.00	1.00	CUM	20.00 m3
10	CH- 4350 M	1	30.00	5.00	0.30	CUM	45.00 m3
11	CH- 4350 M	1	30.00	5.00	0.60	CUM	90.00 m3
TOTAL QUANTITY =							705.00 m3

At
21/12/2020
R

By
04/12/2020
AB

By
21/12/20

JE
RWD

AE
RWD

EE
RWD

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	Nos.	3	287.00	861.00
	Add 6% Overhead Charge				51.66
	Rate for 2.832 Cum				912.66
	Rate Per Cum (Rs.) =				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 front loader, 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		1 Min		
	ii) Loading by front end loader 1 cum bucket @ capacity 25 cum per hour		5 Min		
	iii) Maneuvering, reverse, dumping and turnig for return		0 Min		
	iv) Wating time, unforeseen Contingencies etc.		0 Min		
	Total		6 Min		
	a) Labour				
	Mate				
	Mazdoor for loading and unloading	Day	0.03	305.00	9.15
	b) Machinery				
	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