

Inspection Report for flood damage work

Date:

1. Name of PIUs-

EE RWD (W) Division, Marhaur.

2. Name of Block/Road-

- Pacesrao

A. For Road

Repair of Road Bridges (Damaged by Flood) for Motorable work in Tadike to Arha.

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: - Bricks Bats

iii Procedure taken up in Restoration works :

iv Restored Length :

- 94.55 M

- Cut in Road, Due to Flood. Gravel

- Tactor, Roller, etc

- Bricks Bats

- 94.55 M.

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 :

Signature of JE/AE/EE

Signature

(Name of Inspector)

DISTRICT	:-	Saran	
DIVISION	:-	Marhaura	
BLOCK	:-	Mashrakh	
TOTAL LENGTH OF ROAD	:-	4.900	KM
TOTAL COST OF CONSTRUCTION	:-	24.909	Lac
TOTAL COST OF PROJECT	:-	24.909	Lac

FDR

GENERAL ABSTRACT OF COST

Block:- Mashrakh

District:- Saran

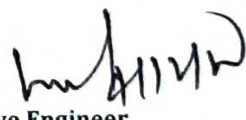
Length of Road:- 4.900 KM

Name of Road:- Estimate for Repair of Road Breaches (Damage By Flood) For Motarable Work in Tediha To Arna.

SL. No.	Item of Work	Amount
A	TOTAL COST	: 24.909 Lacs
	TOTAL	: 24.909 Lacs


4.12.20
Junior Engineer


04/12/2020
Asstt. Engineer


Executive Engineer

Technically approved to Rs 24,90,900 = (Twenty four lacs
only) by
अधीक्षक अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल, छपरा

ANNEXTURE-1

Name Of Road :- Estimate for Repair of Road Breaches (Damage By Flood) For Motarable Work in Tediha To Arna.							Block:- Mashrakh
Sl. No.	Description	Nos.	LENGTH (m)	WIDTH (m)	HEIGHT (m)	UNIT	QUANTITY
1	CH-2.40 km (Part-I)	1	17.00	6.50	5.90	CUM	651.95 m3
2		1	3.05	1.50	0.60	CUM	2.75 m3
3		1	4.10	1.60	0.90	CUM	5.90 m3
4		1	2.10	1.50	0.60	CUM	1.89 m3
5		1	6.00	2.10	1.10	CUM	13.86 m3
6		1	6.20	2.20	1.00	CUM	13.64 m3
7		1	5.90	2.10	1.20	CUM	14.87 m3
9	CH-4.50 KM(Part -II)	1	50.20	6.00	1.50	CUM	451.80 m3
TOTAL QUANTITY =							1156.66 m3

[Signature]
4/12/20
JE
RWD

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04/12/20
AE
RWD

[Signature]
7/1/20
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 RCD	Loading and Unloading of Stone Boulder / Stone aggregate / sand / kanker / Moorum				
	Placing Tractor at loading point, loading with front loader, dumping, turning for return trip, excluding for haulage and return trip.				
	Unit = cum				
	Taking output = 2.25 cum				
	Time required for				
	i) Positioning of Tractor 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 turning for return		0 Min		
	iv) Waiting time, unforeseen Contingencies etc.		0 Min		
	Total		6 Min		
	a) Labour				
	Mate	Day	0.03	305.00	9.15
	Mazdoor for loading and unloading	Day	0.72	287.00	206.64
	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	Supplying for Brick Bats (With OH)	Per Cum		1017.00	1017.00
A	Basic Rate of Brick Bats		0.06		61.02
	Add overhead Charges 6%				1078.02
	Total-				
	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 selgniorage Fee		1.00	107.80	107.80
	Total Cost per Cum		Rs:-		2153.51