

Inspection Report for flood damage work

Date:

1. Name of PIUs-

:- EE RWD (W) Division, Muzlaun

2. Name of Block/Road-

- Panapur

A. For Road

Motorable of Road from Raj Uchahat
Siwan to Chamanpura Yadav Tola
Koyance Tola TMC

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

Ch-300, 800, 840, 1.800, 1.900, 2.480,
102.50m, 4.25 km, 843 m
cut in Road, due to flood & rain

: - Brick Bats

: Tactor, Roller

: Brick Bats

: 102.50 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
21/11/2020

Signature of JE/AE/EE

Signature
21/11/20

Signature
21/11/2020

(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 Raj Uchch Path Siwari To Chemanpura Yadav Tola ,Koyaree Tola Tak		
DISTRIC	Saran		
BLOCK	Panapur		
LENGTH OF ROAD	4.658	KM	
ESTIMATED COST	8.648	Lac	

FDR

GENERAL ABSTRACT OF COST

Block:-- Panapur

District:- Saran

Length of Road:--

4.658 KM

Name of Road:--

Motorable of Road From Raj Uchch Path Siwari To Chemanpura Yadav Tola
,Koyaree Tola Tak

SL. No.	Amount
A ESTIMATED COST	: 864850.00 Lacs
TOTAL	: 864850.00 Lacs

[Signature]
4.12.2020

Junior Engineer

[Signature]
04/12/2020

Asstt. Engineer

[Signature]

Executive Engineer

Technically approved for Rs 864850 = (Eight Lacs Sixty Four thousand Eight hundred fifty) only

[Signature]
SE 4-12-20

अधीक्षक अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल, छपरा

Name Of Road :-		Motorable of Road From Raj Uchch Path Siwari To Chemanpura Yadav Tola ,Koyaree Tola Tak		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	406.60	2153.51	864850.00
				TOTAL COST =	864850.00

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4.12.2020

JE
RWD

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04/12/2020

AE
RWD

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04/12/2020

EE
RWD

ANNEXTURE-1

Name Of Road :- Motorable of Road From Raj Uchch Path Siwari To Chemanpura
Yadav Tola ,Koyaree Tola Tak

Block:- Panapur

Sl. No.	Description	Nos.	LENGTH (m)	WIDTH (m)	HEIGHT (m)	UNIT	QUANTITY
1	CH-0.300 km	2	5.00	1.50	1.00	CUM	15.00 m3
2	CH-0.300 km	1	5.00	6.00	2.00	CUM	60.00 m3
3	CH-0.300 km	1	10.00	6.00	1.50	CUM	90.00 m3
4	CH-0.300 km	1	3.00	1.50	1.00	CUM	4.50 m3
5	CH-0.300 km	1	3.00	2.00	1.00	CUM	6.00 m3
6	CH-0.800 km	1	10.00	2.00	1.25	CUM	25.00 m3
7	CH-0.800 km	1	12.00	3.00	2.00	CUM	72.00 m3
8	CH-0.800 km	1	2.00	2.00	1.25	CUM	5.00 m3
9	CH-0.840 km	1	2.50	5.00	1.00	CUM	12.50 m3
10	CH-1.800 km	1	3.00	2.00	0.60	CUM	3.60 m3
11	CH-1.900 km	1	2.00	2.00	0.60	CUM	2.40 m3
12	CH-2.480 km	1	10.00	1.00	1.00	CUM	10.00 m3
13	CH-4.200 km	1	5.00	1.20	1.00	CUM	6.00 m3
14	CH-4.300 km	1	30.00	2.00	1.50	CUM	90.00 m3
TOTAL QUANTITY =							401.60 m3

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4.12.2020
EE
RWD

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		1 Min		
	ii) Loading by front end loader 1cum 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	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

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