

Inspection Report for flood damage work

Date:

1. Name of PIUs-

EE Road (W) Division, Marhaura

2. Name of Block/Road-

- Panapur

A. For Road

- Motorable of Road from Turki
to Bhorha via Mohammadpur

1. Damage Location/Chainage : -

2. Damage Length

3. Nature of Damage

4. Details of Restoration

: - 153M

Cut in Road, Due to flood & rain

i Material being used in Restoration

ii Equipment/Tools being used in Restoration works:

iii Procedure taken up in Restoration works

iv Restored Length

: Bitum. Pats
: Motor. Roller
: Bitum. Pats
: 153M

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/AF/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 Turki To Bhorha Via Mohammadpur		
DISTRICT	Saran		
BLOCK	Panapur		
LENGTH OF ROAD	2.515	KM	
ESTIMATED COST	17.540	Lac	

FDR

GENERAL ABSTRACT OF COST

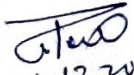
Block:- Panapur

District:- Saran

Length of Road:- 2.515 KM

Name of Road:- Motorable of Road From Turki To Bhorha Via Mohammadpur

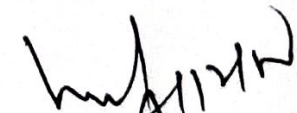
SL. No.	Amount
A ESTIMATED COST	: 17.540 Lacs
TOTAL	: 17.540 Lacs


4.12.2020

Junior Engineer

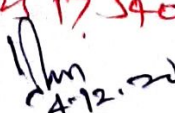

04/12/2020

Asstt. Engineer


4.12.2020

Executive Engineer

Technically approved for Rs 17.54000 = (Seventeen Lacs fifty Four thousand only)


4.12.2020
SE
अधीक्षक अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल, छपरा

Name Of Road :-		Motorable of Road From Turki To Bhorha Via Mohammadpur		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	814.50	2153.51	1754030.11
				TOTAL COST =	17,54,030.11

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4.12.2020

JE
RWD

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04/12/2020

AE
RWD

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4/12/20

EE
RWD

ANNEXTURE-1

Name Of Road :- Motorable of Road From Turki To Bhorha Via Mohammadpur

Block:- Panapur

Sl. No.	Description	Nos.	LENGTH (m)	WIDTH (m)	HEIGHT (m)	UNIT	QUANTITY
1	CH-0.040 km	2	15.00	5.50	1.50	CUM	247.50 m3
2	CH-0.800 km	1	75.00	2.00	1.75	CUM	262.50 m3
3	CH-1.200 km	2	10.00	2.00	1.50	CUM	60.00 m3
4	CH-1.400 km	1	23.00	1.50	1.00	CUM	34.50 m3
5	CH-1.400 km	1	25.00	3.00	2.00	CUM	150.00 m3
6	CH-1.450 km	1	5.00	6.00	2.00	CUM	60.00 m3
TOTAL QUANTITY =							814.50 m3

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4.12.2020
JE
RWD

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04/12/2020
AE
RWD

[Signature]
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 / Stoneaggregate / 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	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	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