

GOVT. OF BIHAR



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

Year 2021-22

ESTIMATED COST Rs 2440000.00

NAME OF ROAD :- LO 40 - HOUSE OF MAHENDRA MEHTA TO ARRIA BLOCK
BORDER VIA SHANKARPUR MADARSA (VR-18)

Road Length :- 3.907 KM

DIVISION :- RWD ,WORKS DIVISION , BIRPUR

CIRCLE :- RWD , WORKS CIRCLE MADHEPURA

Block :- BASANTPUR SUPAUL

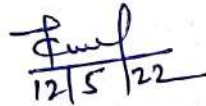
REPORT

An estimate amounting to Rs 2440000.00 has been framed to meet the actual cost of expenditure towards flood damage repair work of LO 40 - HOUSE OF MAHENDRA MEHTA TO ARRIA BLOCK BORDER VIA SHANKARPUR MADARSA (VR-18) at Damage Length- 200 M near village 3.707 to 3.907 KM of Basantpur Block to resume normal traffic facilities for the year 2021-22.

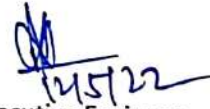
This year's unpredictable rain fall in the Kosi basin broke the rural roads, which increased the problems of the villagers. In this rain, the life of people who were in trouble, were surrounded by water from all sides, it was necessary to resume normal traffic facilities. In the view of above facts breach portion had been restored as soon as possible departmentally with help of local registered agency as directed by department and pressurized by local M.L.A which resumed the normal life of villagers. Measurement of the work had been recorded duly and attached along with the estimate. brick bats, NC Creat, Bamboos, Local Sand, attached along with the estimate. , brick bats, NC Creat, Bamboos, Local Sand has been used to restore the traffic and accordingly estimate has been framed on basis of up-to-date SOR. Hence requested for technical Sanction of the estimate under the head of FDR.



Junior Engineer,
R.W.D., Basantpur



Assistent Engineer,
R.W.D., Basantpur



Executive Engineer,
R.W.D., Works Division, Virpur

DETAILS OF ESTIMATE FOR RESTORATION OF

Abstract of Cost

Division:- R.W.D., Works Division., BIRPUR

BLOCK :- BASANTPUR

Sub division:- BASANTPUR

Length of Breach- 0.200 KM,

Road Length- 3.907 KM

Year-2021-22

Sl. No./ Item no.	Item of works	Quantity	Unit	Rate	Amount
1	Labour for cutting 62mm to 75mm Dia bamboo piles to size and making shoes and driving by jet machine etc. all complete job as per specification and direction of	5280.00	M	45.86	242140.8
2	Labour for Filled 62 M to 75 M bamboos runners in position with all Job,	1164.00	M	5.31	6181.84
3	Supplying of NC Creats with filled in EC bag, local sand stitching and placing in position as per the direction of Engineer-in-charge	1167.00	NO.	778.40	908372.8
4	Supplying bamboo 75mm dia 6m to 8m long at Complete job as per specification and direction of Engineer.	1074.00	NO.	188.39	202338.86
5	Supply and Carriage of bricks bats upto 8 km breach and palcing in breaches and lying of bats, all complete job.	392.19	NO.	1922.87	754130.39

Add 12% GST on item no 5,6&7

Add 1% Labour cess total item

Add S. fee

Total (Rs)

Say (Rs)

2113175.69

253581.08

21131.76

52196.00

2440084.52

2440000.00

Junior Engineer,
R.W.D., Basantpur

Assistant Engineer,
R.W.D., Basantpur

Executive Engineer,

R.W.D., Works Division,

Virpur

Depot. Letter No-4849 date-7/12/21.
In reference to E/C Letter No. 1890 dt-22.04.2022

T/S for Rs 24,40,000 (Rupees Twenty four Lakh
only)

Superintending Engineer
Rural Works Department
Works Circle Madhepura

**DETAILS OF ESTIMATE FOR RESTORATION OF
LO 40 - HOUSE OF MAHENDRA MEHTA TO ARRIA BLOCK BORDER VIA SHANKARPUR MADARSA (VR-18)**

Annexure - A

Division:- R.W.D., Works Division, VIRPUR

BLOCK :- BASANTPUR

Sub division:- BASANTPUR

Length of Breach:- 0.200 KM, Road Length- 3.807 KM

Year 2021-22

No./ Item no.	Item of Works	No.	L	B	H	Unit	Quantity
1	Labour for cutting 62mm to 75mm Dia bamboo piles to size and making shoes and driving by jet machine etc. all complete job as per specification and direction of Engineer-in-charge.	1	(105.0+87.0)	5	5.500	M	5280.00
2	Labour for filled 62 M to 75 M bamboos runners in position with all job.	1	(105+88)	6		M	1164.00
3	Supplying bamboo 75mm dia 6m to 8m long at Complete job as per specification and direction of Engineer.	1	(5280+1164)			M	6444.00
			No. of Bamboos		6444/6=	NO.	1074.00
4	Supplying of NC Creats with filled in EC bag, local sand stitching and placing in position as per the direction of Engineer-in charge	1	35.00	(4.5+2.5)/2	(1.0+1.25)/2	CUM	137.81
		1	30.00	(3.50+2.0)/2	(1.25+1.50)/2	CUM	113.44
		1	30.00	(3.50+3.0+2.25)/3	(1.30+1.50)/2	CUM	122.50
		1	10.00	(3.50+2.9)/2	(1.30+1.5)/2	CUM	44.80
		1	30.00	(4.10+3.2+3.0)/3	(1.35+1.6)/2	CUM	151.93
		1	30.00	(3.5+2.65)/2	(1.35+1.60)/2	CUM	136.07
		1	28.00	(3.50+2.6)/2	(1.30+1.50)/2	CUM	11.56
				Total			826.10
				NO OF NC CREATS	826.10*35.315/25	NO.	1167.00
5	Supply and Carriage of bricks bats upto 8 km breach and palcing in breaches and lying of bats, all complete job.	1	35.00	(5.20+4.5+4.10+3.5)/4	0.5	CUM	75.69
		1	30.00	(3.5+3.1+3.0)/3	0.65	CUM	62.40
		1	30.00	(3.5+3.0+2.9)/3	(1.5+0.30)/2	CUM	84.6
		1	10.00	(3.50+3.0+3.2)/3	(1.5+0.25)/2	CUM	28.3
		1	30.00	(4.15+3.75+2.5)/3	0.8	CUM	83.2
		1	30.00	(3.5+3.10+2.65)/3	0.4	CUM	37.0
		1	28.00	(3.6+3.4+2.5)/3	0.3	CUM	21.0
						TOTAL	392.19

Junior Engineer,
R.W.D., Basantpur

Assistant Engineer,
R.W.D., Basantpur

Executive Engineer,
R.W.D., Works Division, Virpur

FDR 2021-22 अन्तर्गत कार्य प्रमंडल, वीरपुर के अधीन बाढ़/अतिवृष्टि से क्षतिग्रस्त गोटरेबुल कार्यों की विस्तृत प्रतिवेदन

क्रमांक	प्रखण्ड	कार्य का नाम	जिसे गये कार्य का नाम	स्थल पर किये गये कार्य की मापी				
				No.	L	B	H	Unit Quantity
1			bamboo piles	1	(105.0+87.0)	5	5.500	M 5280.00
2			Labour for Filled 62 M to 75 M bamboos	1	(106+88)	6		M 1164.00
3			Supplying bamboo 75mm dia 6m to 8m long at	1	(5280+1164)			M 6444.00
			Complete job as per		No. of Bamboos		6444/6=	NO. 1074.00
4			NC Creats	1	35.00	(4.5+2.5)/2	(1.0+1.25)/2	CUM 137.81
				1	30.00	(3.50+2.0)/2	(1.25+1.50)/2	CUM 113.44
				1	30.00	(3.50+3.0+2.25)/3	(1.30+1.50)/2	CUM 122.50
				1	10.00	(3.50+2.9)/2	(1.30+1.5)/2	CUM 11.80
				1	30.00	(4.10+3.2+3.0)/3	(1.35+1.6)/2	CUM 151.93
				1	30.00	(3.5+2.65)/2	(1.35+1.60)/2	CUM 136.07
				1	28.00	(3.50+2.6)/2	(1.30+1.50)/2	CUM 119.56
							Total	826.10
						NO OF NC CREATS	826.10*35.315/25	NO. 1167.00
				1	35.00	(5.20+4.5+4.10+3.5)/4	0.50	CUM 75.69
5			bricks bats	1	30.00	(3.5+3.1+3.0)/3	0.65	CUM 62.40
				1	30.00	(3.5+3.0+2.9)/3	(1.5+0.3)/2	CUM 84.60
				1	10.00	(3.50+3.0+3.2)/3	(1.5+0.25)/2	CUM 28.30
				1	30.00	(4.15+3.75+2.5)/3	0.80	CUM 83.20
				1	30.00	(3.5+3.10+2.65)/3	0.40	CUM 37.00
				1	28.00	(3.6+3.10+2.50)/3	0.30	CUM 21.00
							TOTAL	392.19

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, गुवागल

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, वीरपुर

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, त्रिवेणीगंज

अधीक्षण अभियंता,
ग्रामीण कार्य विभाग,
कार्य अंचल, मधेपुरा

मालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, वीरपुर, समिति के जाँच प्रतिवेदन के अनुसार Post Facto M.B. एवं Post Facto प्राक्कलन तैयार कर सक्षम पदाधिकारी को अग्रोत्तर कार्रवाई हेतु समर्पित।

अधीक्षण अभियंता,
ग्रामीण कार्य विभाग,
कार्य अंचल, मधेपुरा

L040 - House of Mahender Mehta To Arasia
Block Border via Shastripur Modarra.



12/5/22
AE

X

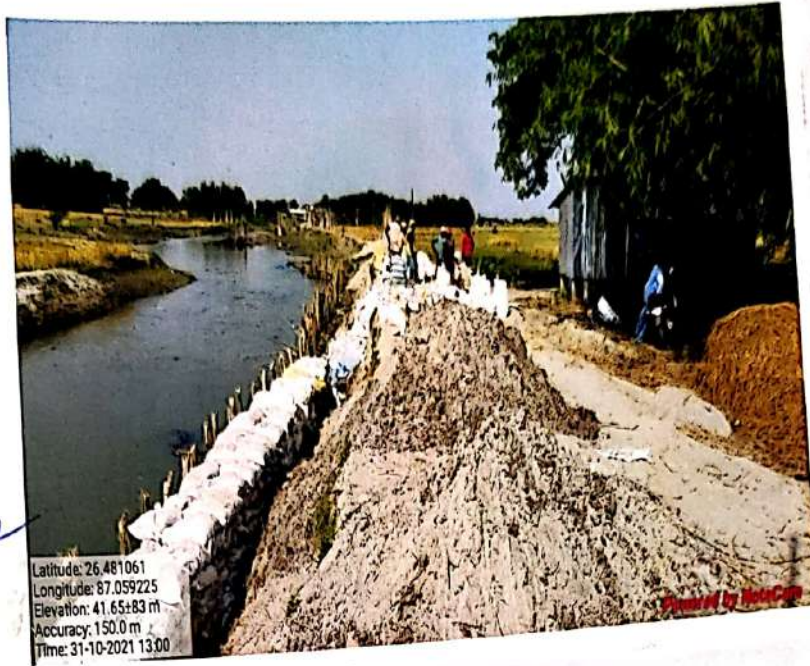


12/5/22
AE

X

12/5/22
EE

LO 40- House at Mahender Mehta To Arasia Block
Border via Shankerpur Madarsa.



of
12/5/22
AE

AE



of
12/5/22
AE

AE

of
12/5/22
AE

LO 40 House of Mahender Moha To Araria Block
Border Via Shamkarpur Madassa



Yes



Yes

12/5/22
AE

14/5/22
EC

LO 40 House of Mahender Mehta To Asanta Block
Border via Shankerpur Madarsa.



X_h



X_h

12/5/22

12/5/22

LO 40 - House at Dohendar Naha To Arasia Block Border
Vla Shantapur Naddara.



X



X

Ful
12/15/22
AC

12/15/22
EE

1. NW. Restoration of road from Lohr -
House of Mahendra Mehta to Araria block -

Schedule XLV-Form No. 134
border via Shankarpur Madarsa. (VR-18)

RW. D. Birpur DIVISION

RWD Basantpur. SUB-DIVISION

MEASUREMENT BOOK

1001
662

Name of Work—
 Situation of Work—
 Agency by which work is executed—
 Date of Measurement—
 No. and date of agreement

(These four lines should be repeated at the commencement of the measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/CO. Restoration of road from					
to house of mahendra maha					
to Araria block border via					
shankar madarsa (vr. 18)					
Year 2021-22.					
Agency- Departmental					
Date- 23/6/22					

1. Labour for cut/roots					
bamboos 101/15 62m					
75 mm cut/roots					
actual 1200					
$1 \times 87.0 \times 5.0 \times 5.50 \text{ m} = 2392.50 \text{ m}$					
$1 \times (100+5) \times 5.0 \times 5.50 \text{ m} = 2887.5 \text{ m}$					
Total = 5280.0m					

2. Labour for bamboo runners					
in position 101/15 62m					
75 mm cut/roots					
actual 1200					
$1 \times 88.0 \times 6.0 \text{ Nos} = 528.0 \text{ m}$					
$1 \times (100+6) \times 6.0 \text{ Nos} = 696.00 \text{ m}$					

Continuation

Total = 1164.0m.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3. supply and laying of 62mm to 75mm bamboos on the floor					
1. - 23					
1. - 23	①				= 5280.0 m.
1. - 23	①				= 1,64.0 m.
Total					= 6444.0 m
No. of bamboos					= 644.0 / 6.0
Qty					= 1074 Nos.

4. 800. gms supply / R / 100.
N.C. coats with

Filled in the chaps with local sand sticking and placing in the position					
1. - 23					
1 x 35.0 x (4.5 + 2.5) / 2 x (1.0 + 1.25) / 2 av					
= 137.81 m ³					
1 x 30.0 x (3.5 + 2.0) / 2 x (1.25 + 1.50) / 2 av					
= 113.44 m ³					
1 x 30 x (3.50 + 3.0 + 2.25) / 3 x (1.3 + 1.50) / 2 av					
= 122.50 m ³					
1 x 10.0 x (3.5 + 2.90) / 2 x (1.30 + 1.50) / 2 av					
= 44.80 m ³					
1 x 30.0 x (4.10 + 3.20 + 3.0) / 3 x (1.35 + 1.60) / 2					
= 157.93 m ³					

Continuation

3
Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x30.0x(3.50+2.65)/2x(1.35+1.6)/2					
					= 136.07 m ³
1x28.0x(3.50+2.6)/2x(1.30+1.50)/2					
					= 119.56 m ³
Total =					826.10 m ³
No of Nos. = 826.10 x 35.35/25					
					= 1167.0 Nos.

S. for supply and laying
of bricks/batts with
Cement mortar
1:2:3

1x35.0x(5.2+4.5+4.10+3.5)/4x0.50					
					= 75.60 m ³
1x30.0x(3.5+3.10+3.0)/3x0.65					= 62.4 m ³
1x30.0x(3.50+3.0+2.90)/3x(1.50+0.3)/2					= 84.60 m ³
1x10.0x(3.50+3.0+3.2)/3x(1.5+0.25)/2					= 28.30 m ³
1x30x(4.15+2.75+2.50)/3x0.80					= 83.20 m ³
1x30x(3.50+3.10+2.65)/3x0.40					= 37.0 m ³
1x28.0x(3.6+3.10+2.50)/3x0.30					= 21.0 m ³
Total =					392.19 m ³

Continuation

Abstract of work

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W - Restoration of road from 1040. House of Mahendra mehra to Araria block border via Shamsapur mehra (VR-18).					
Agency - Departmental.					
Authority - EE RWD W.DIV. Bihar.					
Date - 23/5/22					

① Labour of bamboo piles
with cutting & making of shafts
and piling withal
as per -

volume ① = 5280.0 m.

at 45.86 /m

6, 242, 141.2

② Labour for bamboo survey
62 to 75 mm in position
of pile withal 2-2.

volume ① = 11640 m.

at 5.31 /m

6181.2

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
③ For supply and carriage of bamboo (2 mpts) round cut (Ld)					
1000					
Vol. (2) = 1074.0 m					
Ch. 188 = 39/No					
					242331.00
④ For SLIPING, etc creates unfilled					
etc bags with local					
3rd in place.					
1000					
Vol. - (3) = 1167.0 m					
Ch. 778 = 40/No					
					908392.00
⑤ For long and carriage of Brick bats with					
all to - E.					
Vol. (3) = 392.19 m ³					
Ch. 1922 = 87/m ³					
					754130.00
					2113.175.00
Add - 12% Crst. (4)					253581.00
" 1% L. Cess (4)					21132.00
Continuation					2384888.00

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