

# GOVT. OF BIHAR



Rural Works Department, Govt of Bihar

Year 2021-22

ESTIMATED COST Rs 326700.00

NAME OF ROAD :- FATEHPUR MORE WARD NO-2 TO NEPAL  
BORDER SSB CAMP TAK

DIVISION :- RWD ,WORKS DIVISION , BIRPUR

CIRCLE :- RWD , WORKS CIRCLE MADHEPURA

Block :- BASANTPUR SUPAUL


## REPORT

An estimate amounting to Rs 326700.00 has been framed to meet the actual cost of expenditure towards flood damage repair work of **FATEHPUR MORE WARD NO-2 TO NEPAL BORDER SSB CAMP TAK** at Damage Lenth 23.70 M near village .  
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, Local sand attached along with the estimate. , brick bats, 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  
Basantpur

  
Rural Works Sub division  
Basantpur

  
Executive Engineer  
RWD Works Division  
Birpur

T/s P

# **DETAILS OF ESTIMATE FOR RESTORATION OF Abstract of Cost**

Division:- RWD work division BIRPUR

BLOCK :- BASANTPUR

Sub division:-BASANTPUR

Year-2021-2022

Length of Breach 0.0237 Km

Length-2.885 Km

Sl. No./ item no.	Item of works	Quantity	Unit	Rate	Amount
1	Supplying of EC Bag, filling of local sand, Stitching and placing in position as per the direction of Engineer-in-charge	14.00	per 100 bag	3610.12	50541.68
2	Supply and Carriage of bricks bats upto 8 km breach and placing in breaches and lying of bats, all.	104.06	CUM	1922.87	200093.85
3	Granular Sub-base with well grade material ( Table 400.1) Construction of Granular sub- base by providing well grade material ( crushed stone Aggregates and local sand), spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with three wheel 80-100 kN static roller capacity to achieve the desired density complete as per Technical Specification Clause 401 For Grading II Material	9.518	cum	3010.64	28655.27

Total Rs **279290.80**

Add 12% GST

**33514.90**

Add 1% Labour cess

**2792.91**

Total

**315598.61**

Add 10% S. Fee

**11099.00**

Total Rs **326697.61**

Say RS **326700.00**

*[Signature]*  
JE

*[Signature]*  
S D O

*[Signature]*  
Executive Engineer

Basantpur

Rural Works Sub division

RWD Works Division

Basantpur

Birpur

Dept. Letter No - 4849 dtd - 7/12/21.  
In reference to E/S/c Letter No - 1890 Dtd 22.04.2022

T/S for Rs 326700 (Rupee Three lakh Twenty six thousand seven hundred only)

*[Signature]*  
17/05/22

Superintending Engineer  
Rural Works Department  
Works Circle Madhepura



**DETAILS OF ESTIMATE FOR RESTORATION OF  
FATEHPUR MORE WARD NO-2 TO NEPAL BORDER SSB CAMP TAK**

**Annexure - A**

**BLOCK :- BASANTPUR**

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

Sub division:- BASANTPUR

Length of Breach- 0.0237 KM, Length :- 2.885 KM

Year-2021-22

Sl. No./ Item no.	Item of works	No.	L	B	H	Quantity
			M	M	M	CUM
1	Supply and Carriage of bricks bats upto 8 km breach and palcing in breaches and lying of bats, all					
		1	13.0	(4.50+3.00)/2	(1.50+1.20)/2	65.81
		1	10.7	(3.70+2.80)/2	(1.0+1.20)/2	38.25
	<b>Total</b>					<b>104.06</b>
2	Supplying of EC Bag with filled in local sand stitching and placing in position as per the direction of Engineer-in-charge					
		2	13.00	(1.75+0.50)/2	(1.50+1.20)/2	19.740
		2	10.70	(1.00+1.50)/2	(1.0+1.20)/2	18.760
	<b>Total</b>					<b>38.500</b>
	<b>Total No. of EC Bags = (38.50x35.315)</b>					<b>1360.000</b>
	<b>SAY NO OF BAGE=</b>					<b>1360.000</b>
	<b>NO OF BAGS/100</b>					<b>14.00</b>
3	Granular Sub-base with Well Granular Material ( Table 400.1)					
	Construction of Granular Sub-base by providing well graded material (Crushed Stone Aggregates and Local Sand) spreading in uniform layers with motor grader on prepared surface, mixing by mix in placde method with rotavator at OMC, and compacting with three wheel 80-100 kN static roller capacity to achieve the desired density, complete as per Technical Specification Clause 401	1	13.0	3.0	0.100	3.900
		1	10.7	3.50	0.150	5.618
	<b>Total</b>					<b>9.518</b>

12/5/22  
Junior Engineer,  
R.W.D., Basantpur

12/5/22  
Assistent Engineer,  
R.W.D., Basantpur

12/5/22  
Executive Engineer,  
R.W.D., Works Division, Virpur

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

क्रमांक	प्रखण्ड	कार्य का नाम	किये गये कार्य का नाम	स्थल पर किये गये कार्य की मापी				
				No.	L	B	H	Quantity
					M	M	M	CUM
1	Basantpur	FATEHPUR MORE WARD NO-2 TO NEPAL BORDER SSB CAMP TAX	Supply and Carriage of bricks bats					
				1	13.0	(4.50+3.00)/2	(1.50+1.20)/2	65.81
				1	10.7	(3.70+2.80)/2	(1.0+1.20)/2	38.25
							Total	104.06
2			Supplying of EC Bag with filled in local sand	2	13.00	(1.75+0.50)/2	(1.50+1.20)/2	19.740
				2	10.70	(1.00+1.50)/2	(1.0+1.20)/2	18.760
							Total	38.500
				Total No. of EC Bags = (38.50x35.315)				1359.63
				SAY NO OF BAGE=				1360
				NO OF BAGS/100				14
3			Granular Sub-base with Well Granular Material (Table 400.1)					
				1	13.0	3.0	0.100	3.900
				1	10.7	3.50	0.150	5.618
				Total				9.518

कार्यपालक अभियंता,  
ग्रामीण कार्य विभाग,  
कार्य प्रमंडल, सुपौल

कार्यपालक अभियंता,  
ग्रामीण कार्य विभाग,  
कार्य प्रमंडल, वीरपुर

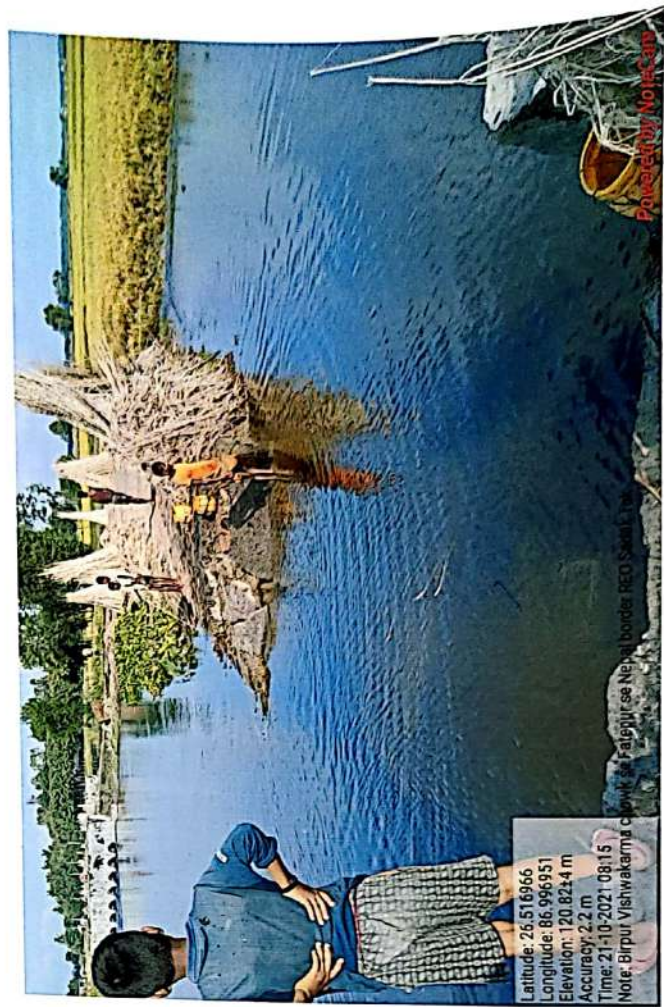
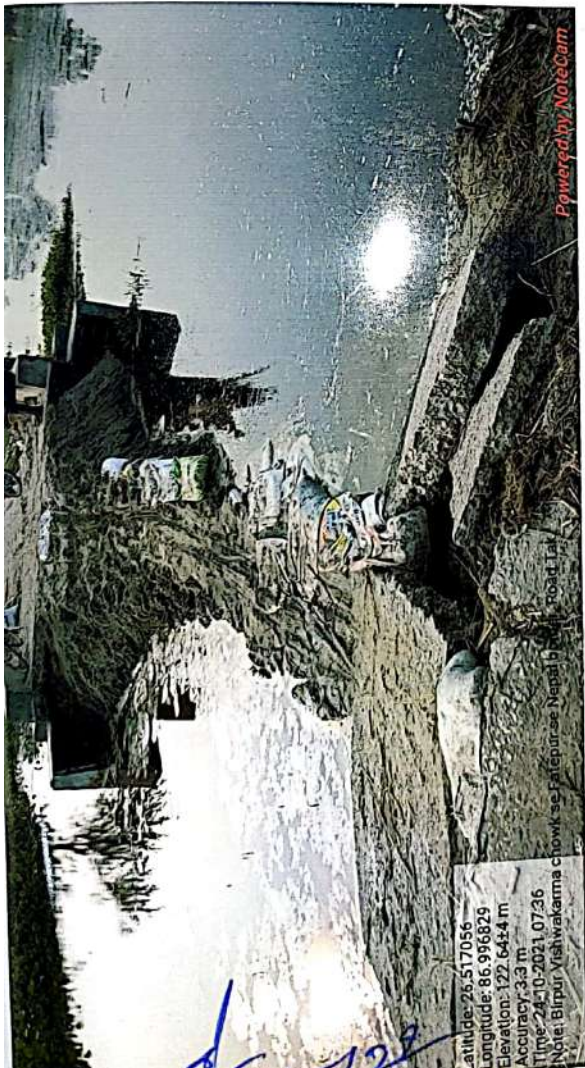
कार्यपालक अभियंता,  
ग्रामीण कार्य विभाग,  
कार्य प्रमंडल, त्रिवेणीगंज

अधीक्षक अभियंता,  
ग्रामीण कार्य विभाग,  
कार्य अंचल, मधेपुरा

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

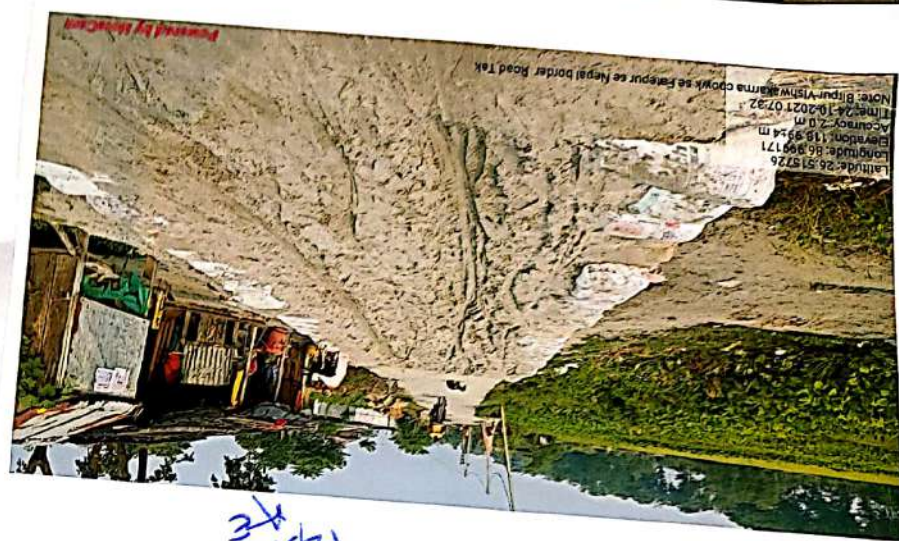
अधीक्षक अभियंता,  
ग्रामीण कार्य विभाग,  
कार्य अंचल, मधेपुरा





12/5/21

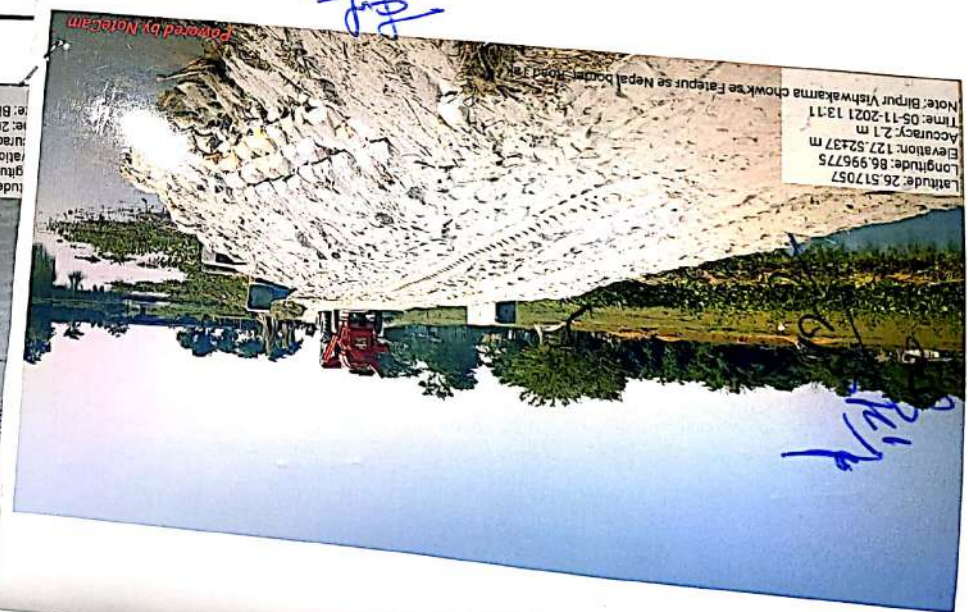




Latitude: 26.515726  
 Longitude: 86.99171  
 Elevation: 118.954 m  
 Accuracy: 2.0 m  
 Time: 24-10-2021 07:32  
 Note: Birpur Vishwakarma Chowk se Falepur se Nepal border Road Tak

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*Handwritten:* 12/12/22  
 12



Latitude: 26.517057  
 Longitude: 86.996775  
 Elevation: 127.5237 m  
 Accuracy: 2.1 m  
 Time: 05-11-2021 13:11  
 Note: Birpur Vishwakarma Chowk se Falepur se Nepal border Road Tak

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*Handwritten:* 12/12/22  
 12



Latitude: 26.515677  
 Longitude: 86.99119  
 Elevation: 128.644 m  
 Accuracy: 6.0 m  
 Time: 20-10-2021 10:42  
 Note: Birpur Vishwakarma Chowk se Falepur se Nepal border Road Tak

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*Handwritten:* 12/12/22  
 12



Restoration from. Lathbury more w. 2  
to Nepal border S.S.B. Camp tak.  
**Schedule XLV-Form No. 134**

R.W.D. Woods Brothers DIVISION

R.W.D. Co. Bascom SUB-DIVISION

# MEASUREMENT BOOK

Year - 2021-22.

1005  
6/6/22



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/W - Restoration of road from Fatehpur more ward No. 2 to Nepal border SSB Camp etc.					
Agency - Departmental.					
Authority - E.E., R.W.D. W.D.V. Birtapur					
Date - 23/08/22					

①	Pro supply and laying of bricks bats with concrete in full 20 ft.				
	$1 \times 13.0 \times (4.50 + 3.0) / 2 \times (1.5 + 1.2) / 2$				
					$= 65.81 \text{ m}^3$
	$1 \times 10.70 \times (3.70 + 2.8) / 2 \times (1.0 + 1.2) / 2$				
					$= 38.25 \text{ m}^3$
	Total qty :				$104.06 \text{ m}^3$

2/2	Pro supply and lay of E.C. bag with filled local sand with all				
	etc - do - etc.				

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Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$2 \times 13.0 \times (1.75 + 0.5) / 2 \times (1.5 + 1.2) / 2$					$19.74 m^3$
$2 \times 10.70 \times (1.0 + 1.50) / 2 \times (1.0 + 1.2) / 2$					$18.76 m^3$
					Total = $38.50 m^3$
No EC bag = $38.50 \times 25.315$ No.					$1360.49$
No of % bag = $14.0$ Nos.					
③ Pro. by spr. and credit to G.S. 1/15 with local sand					
					all do - do etc.
$1 \times 13.0 \times 3.0 \times 0.10$					$3.90 m^3$
$1 \times 10.70 \times 3.50 \times 0.15$					$5.618 m^3$
					Total = $9.518 m^3$
<div style="display: flex; justify-content: space-between;"> <div> <p><i>[Signature]</i> 23/8/22 JE</p> </div> <div> <p><i>[Signature]</i> 23/8/22 AG</p> </div> </div>					
material statement					
① Stone - $6.91 m^3$					
② B/bat - $104.06 m^3$					
③ 4 sand - $43.07 m^3$					
<div style="display: flex; justify-content: space-between;"> <div> <p><i>[Signature]</i> 23/8/22 JE</p> </div> <div> <p><i>[Signature]</i> 23/8/22 AG</p> </div> </div>					

Continuation



# Abstract of work

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W. Restoration of road from Fatehpur more ward No. 2 to Nepal border S.S.B. camp site.					
Agency - Departmental					
Authority - E.D., R.W.D.W. Div. Bikaner.					
Date - 23/06/22					
① supplying and laying of brick-kats with carriage etc. with all 2-89.					
volume - ① = $104.06 m^3$					
@ 1922 = 87/m <sup>3</sup>					
					Rs. 200093=
② for supply and laying of bags with filled local sand with all etc. etc.					
volume - ② = 14 NOS.					
@ 3610 = 12% of					
					Rs. 50541=

Continuation

