



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

FLOOD DAMAGE REPORT

DETAIL ESTIMATE OF RESTAURATION WORK

YEAR (2021-2022)

DISTRICT :- BHOJPUR
DIVISION :- ARA
BLOCK :- AGIAON

NAME OF ROAD	:-	T04 TO MADANPUR
LENGTH OF ROAD	:-	2.00 K.M
YEAR OF RESTORATION	:-	2021-22
COST OF RESTORATION	:-	Rs 467200.00
TOTAL COST OF PROJECT	:-	Rs. 4.672 Lacs 3.934

SUBMITTED BY :-

EXECUTIVE ENGINEER

RURAL WORKS DIVISION ARA

BHOJPUR

तकनीकी प्रतिवेदन

जिला : भोजपुर
योजना का नाम : T04 से मदनपुर पथ में रेस्टोरेसन का कार्य।
पथ की लम्बाई : 2.00 कि० मी०।
प्राक्कलित राशि : 4.672 लाख।

प्रस्तुत प्राक्कलन उपरोक्त कार्य हेतु तैयार किया गया है। यह पथ आरा-सहार पथ से मदनपुर ग्राम को जोड़ने वाला एकमात्र पथ है। मदनपुर ग्राम की पुरी आबादी इसी पथ पर निर्भर है। इस पथ के किनारे से पानी बहता है। विगत दिनों में हुई भारी वर्षा के कारण इस पथ को कॉफी क्षति पहुँची है। इस पथ का कुछ पथांश ध्वस्त हो चुका था। पथ में बड़े बड़े गढ़े हो गये थे। पथ में सुगम यातायात हेतु ईट का टुकड़ा डालकर पथ को चालु किया गया है। यह कार्य विभागीय स्तर पर किया गया है।

यह प्राक्कलन, कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमण्डल आरा के निदेश पर तैयार किया गया है। प्राक्कलन में प्रयुक्त दर वर्तमान अनुसूचि दर (01.04.2021 से प्रभावी) पर आधारित है। कार्य हित में तकनीकी एवं प्रशासनिक अनुमोदन अपेक्षित है।



कनीय अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रशाखा अगिर्यौव।



सहायक अभियंता,
ग्रामीण कार्य विभाग,
कार्य अवर प्रमण्डल अगिर्यौव।



कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल आरा।

F.D.R

YEAR (2021- 2022)

RESTAURATION WORK

GENERAL ABSTRACT OF COST

District : T04 TO MADANPUR
Division : ARA
Block : AGIAON
Name of Road : T04 TO MADANPUR
Length of Road : 2.00 K.M

SL.	Item of Work	Amount	
1	TOTAL COST OF RESTORATION	=	393438 / 4,67,206.58
2	COST OF OTHER WORK	=	0.00
	SUB TOTAL	=	4,67,206.58
	Total Cost of Project	Rs.	393438 / 4,67,206.58
	SAY	Rs.	393438 / 4,67,200.00

Bay 3.934 / 200

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15/07/21

Junior Engineer

RWD WORKS SECTION

AGIAON

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28/7/2021

Asstt. Engineer

RWD WORKS SUB-DIVISION

AGIAON

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25/07/21

Executive Engineer

RWD WORKS DIVISION

ARA

Previously in anticipation of action approval & perfect technically sanctioned Rs. 3.934 lakh (Rupees Three lacs sixty three thousand four hundred) only.

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31/7/21
Superintending Engineer
Rural Works Department
Works Circle, ARA

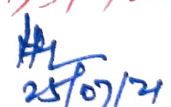
SUMMARY OF COST FOR THE FDR PROJECT

NAME OF ROAD	:	T04 TO MADANPUR
DISTRICT	:	BHOJPUR
BLOCK	:	AGIAON
CONSTITUENCY	:	AGIAON
LENGTH OF ROAD (in Km)	:	2.00 K.M
LENGTH OF BT PAVEMENT	:	150 K.M
LENGTH OF CC PAVEMENT	:	0.500 K.M
No. HABBITATION SERVED	:	1

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	MAIN WORK	
I	PREPARATORY WORKS	= 0.00
II	BRICK BATS WORK	= 340439 405720.98
	TOTAL	= 340439 405720.98
	Add 12% GST on Total Amount	= 40853 48686.52
	Add 1% Labour Cess on Total Amount	= 3404 4057.21
	Seigniorage Fees @ 10%	= 8741.87
	SUB TOTAL (A)	= 393438 467206.58
2	CROSS DRAINAGE STRUCTURES	
I	HUME PIPE	= 0.00
II	RCC	= 0.00
III	BOX	= 0.00
IV	Utility Pipe (300 mm Dia)	= 0.00
V	DISMANTLING OF CD	= 0.00
VI	REPAIR OF CD WORK	= 0.00
	TOTAL	= 0.00
	Add 12% GST on Total Amount	= 0.00
	Add 1% Labour Cess on Total Amount	= 0.00
	Seigniorage Fees @ 10%	= 0.00
	SUB TOTAL (B)	= 0.00
	TOTAL COST OF RESTORATION (A+B)	= 393438 467206.58


Junior Engineer
 RWD WORKS SECTION
 AGIAON


Asstt. Engineer
 RWD WORKS SUB-DIVISION
 AGIAON


Executive Engineer
 RWD WORKS DIVISION
 ARA

Say, 3,934 face

DETAIL ESTIMATE OF FDR

Name of Site: T04 TO MADANPUR

RCD Brick Bats

Providing and filling Brick Bats in ditches including cost of Brick Bats and labour all Complete Job as per specification and direction of E/I.

	U	L	B		D		QTY		
	Cum	12.50	2.50	Avg	0.65	Avg	20.31		
	Cum	9.50	2.05	Avg	0.75	Avg	14.61		
	Cum	7.50	2.55	Avg	0.60	Avg	11.48		
	Cum	8.20	1.90	Avg	0.60	Avg	9.35		
	Cum	9.30	1.55	Avg	0.65	Avg	9.37		
	Cum	11.20	1.85	Avg	0.75	Avg	15.54		
	Cum	13.50	2.40	Avg	0.55	Avg	17.82		
	Cum	11.00	2.10	Avg	0.50	Avg	11.55		
	Cum	6.50	2.15	Avg	0.75	Avg	10.48		
	Cum	8.50	2.40	Avg	0.40	Avg	8.16		
	Cum	11.00	2.30	Avg	0.60	Avg	15.18		
	Cum	8.50	2.50	Avg	0.75	Avg	15.94		
	Cum	9.50	2.10	Avg	0.75	Avg	14.96		
	Cum	11.40	2.00	Avg	0.60	Avg	13.68	1806.81	340439.24
Net Quantity	Cum	121.13					188.42	2,153.25	4,05,720.98
TOTAL COST IN RS.=								4,05,720.98	340439.24

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15/07/21

Junior Engineer
RWD WORKS SECTION
AGIAON

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25/7/2021

Asstt. Engineer
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AGIAON

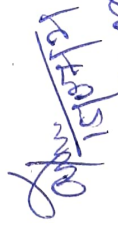
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25/07/21

Executive Engineer
RWD WORKS DIVISION
ARA

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24.11.2021

Executive Engineer
R.W.D. (W.) Div., Buxar

SEIGNIORAGE FEE										
Name of Site: T04 TO MADANPUR										
Sl. No.	SDB SI.NO	MORD Ref.No	Description	Unit	Quantity	Rate	Amount (In Rs.)	Total Material Required	Material Amount	Seigniorage Fee 10%
BRICK BATS										
1	RCD	11.9	Providing and filling Brick Bats in ditches including cost of Brick Bats and labour all complete job as per specification and direction of E/I.							
			Unit = Cum	UNIT	QTY	RATE	AMT	QTY	AMT	
		a)	Material							
			Brick Bats	Nos	450	1.031	463.95			
			Rate Per Cum (a)				463.95			
			Total Cost =	Cum			463.95	188.42	87,418.73	8,741.87
Total Construction Cost (With 10% Seigniorage Fee) :-										8,741.87


 J.E. Aggarwal


 25/7/24


 25/7/24

ANALYSIS OF CARRAIGE BY ROAD

District : BHOJPUR Block : AGIAON
Name of Road : T04 TO MADANPUR
Cost of Haulage Excluding Loading & Unloading as per SOR

Type of Road	Per Ton. Km by Truck
For Surface Road	9.09
Unsurface Gravel Road	11.00
Kachha Road	22.13

Sl.	Item with Source	Unit	Source Up to	Carriage Cost & Lead in Km										Loading & Unloading Cost	Total		
				Pucka / Surface					Katcha								
1	Brick	1000	Local	8.00 2.00	x 9.09	x	7.00 Km	=	Rs 254.50	8.00 2.00	x 22.13	x	1.00 Km	=	Rs 88.51	522.46	Rs. 865.47
																	Rs. 865.47

for 15/07/21
25/7/2021
JB Agiaon

HAULAGE BY TRUCK

Sl. No.	SDB Sl. No.	MORD Ref No.	DESCRIPTION	Unit	Quantity	Rate	Amount in Rs
1	1.10	(i)	Haulage excluding Loading & Unloading Haulage of materials by tipper excluding cost of loading, unloading and stacking. Unit = t.km Taking output 10 t load and lead 10 km = 100 t.km Case-I : Surfaced Road Speed with load: 25 km per hour Speed while returning empty: 35 km per hour Machinery Tipper 10 t capacity Haulage with load Empty return trip Overheads @ 12 % on (a) Contractor's profit on (a+b) Cost for 100 t-km = a+b Rate per cum = (a+b) / 100	hour hour	0.400 0.286	1183.00 1183.00	473.20 338.34 97.38 0.00 908.92 9.09
			Rate Per Km.	Cum			9.09
2	1.10	(ii)	Haulage excluding Loading & Unloading Haulage of materials by tipper excluding cost of loading, unloading and stacking. Unit = t.km Taking output 10 t load and lead 10 km = 100 t.km Case-II: Unsurfaced Gravel Road. Speed with load: 20 km/hour Speed for empty return trip: 30 km/hour Machinery Tipper 10 t capacity Haulage with load Empty return trip Overheads @ 12% on (a) Contractor's profit on (a+b) Cost for 100 t-km = a+b Rate per cum = (a+b) / 100	hour hour	0.50 0.33	1183.00 1183.00	591.50 390.39 117.83 0.00 1099.72 11.00
			Rate Per Km.	Cum			11.00
3	1.10	(iii)	Haulage excluding Loading & Unloading Haulage of materials by tipper excluding cost of loading, unloading and stacking. Unit = t.km Taking output 10 t load and lead 10 km = 100 t.km				

		Contractor's profit @ 10% on (a+b+c) Cost for 2000 Nos. = (a+b+c+d) Rate for 1000 bricks = (a+b+c)/2	Total Cost	Nos	Total Lodging & Unloading of Brick Per 1000 = 261.23 + 261.23 =	
d)	RCD					0.00 522.47 261.23
						261.23
						522.46
6						
11.9		BRICK BATS				
(A)		Providing and filling Brick Bats in ditches including cost of Brick Bats and labour all complete job as per specification and direction of E/I.				
a)		For 1 Cum=1.5 Cum				
b)		Labour		Day	1.80	292.00
c)		Mazdoor (Unskilled)		Cum	1.50	1,031.00
d)		Material		No	450.00	0.865
		Brick Bats				525.60
		Carriage Cost				1,546.50
		No of Bricks Per Cum 300 Nos (850 for 100cft)				389.46
		Overheads @ 12% on (a+b)				248.65
						2710.21
						1806.81
WRD		Total Cost (A)				
BIHAR		Rate Per Cum=(a+b+c+d)/1.5				
6.61		Labour for laying dry graded Jhama Khoa for stone filter under brick pitching or boulder pitching in slope or including light ramming etc. all complete job as per approved design and direction of E/I				
(B)		Unit- Cum				
a)		Taking Output=2.832 Cum				
b)		Labour		Day	3.00	292.00
		Mazdoor (Unskilled)				875.00
		Overheads @ 12% on (a)				105.12
						981.12
		Total Cost (B)				
		Rate Per Cum (B)/2.832				
		Total Cost of Brick Bats Per Cum (A+B)		Cum		2153.25



F.D.R (2021-22)

Name of Site	T04 TO MADANPUR
BLOCK	AGIAON
DIVISION	RWD ARA



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F.D.R (2021-22)

Name of Site
BLOCK
DIVISION

T04 TO MADANPUR
AGIAON
RWD ARA



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25/7/2021

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15/07/21

F.D.R (2021-22)

Name of Site
BLOCK
DIVISION

T04 TO MADANPUR
AGIAON
RWD APA



Latitude 25.3094
Longitude 84.50216
Elevation 75.72±12 m
Accuracy 13.2 m
Time 13-07-2021 16:08
Note: moranpur

Powered by NoteCam



Latitude 25.309333
Longitude 84.500952
Elevation 49.68±11 m
Accuracy 129.0 m
Time 13-07-2021 16:05
Note: moranpur

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15/07/21

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25/7/21

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