



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar



BIHAR RURAL ROADS PROJECT

Bihar Rural Road Development Agency (BRRDA)

Govt. of Bihar

FDR (2021-22)

EMERGENT REPAIR OF ROAD FROM Purna Kasha Pipal CHOUK TO SITAPUR



EMERGENT REPAIR OF ROAD FROM Purna Kasha Pipal CHOUK TO SITAPUR in Mokama Block

DISTRICT	:	Patna	
DIVISION	:	BADH	
BLOCK	:	MOKAMA	
TOTAL LENGTH OF ROAD	:	0.100-2.75	KM
TOTAL COST OF CONSTRUCTION	:	7.241	Lac
CONTINGENCY CHARGE @ 1%	:	0.072	Lac
TOTAL COST OF PROJECT	:	7.313	Lac

SUBMITTED BY:-

EXECUTIVE ENGINEER

RWD BADH

Patna

प्रतिवेदन

पथ का नाम	:- मोकामा प्रखंड में पुराना कसहा पीपल चौक से सीतापुर
पथ की आपातकालीन मरम्मत। (एम0एम0जी0एस0वाई)	
क्षतिग्रस्त पथांश की लम्बाई	:- 23.00 मी0
प्राक्कलित राशि	:- 7.313 लाख रुपये
प्रखंड	:- मोकामा
मद	:- एफ0डी0आर0

प्रस्तुत प्राक्कलन मोकामा प्रखण्ड अंतर्गत मोकामा प्रखंड में पुराना कसहा पीपल चौक से सीतापुर पथ की आपातकालीन मरम्मत कार्य हेतु तैयार किया गया है। प्राक्कलन वर्तमान अनुसूचित दर पर तैयार किया गया है।

इस वर्ष बाढ़ से पथ में हो रहे कटाव से पथ को सुरक्षित करने एवं सम्पर्कता बहाल करने हेतु पथ में ईट टुकड़ेका भराव किया गया है। यह पथ एम0एम0जी0एस0वाई द्वारा निर्मित है। पथ के द्वितिय कि0मी0 में कटाव स्थल पर स्थल काफी नीचा है जिससे प्रति वर्ष बाढ़ के पानी का दबाव रहता है। अतः स्थल पर दो आर0सी0सी0 पुलिया 2x6.00x3.00 M का निर्माण अति आवश्यक है। तत्काल दोनों क्षतिग्रस्त स्थल में ब्रिक बेट भर यातायात बहाल कर दिया गया है। जनहित एवं कार्य हेतु के प्राक्कलन की स्वीकृति

Painakh

28.10.21

कनीय अभियंता
ग्रामीण कार्य विभाग
कार्य प्रशाखा मोकामा

अपेक्षित है।

सहायक अभियंता
ग्रामीण कार्य विभाग
कार्य अवर प्रमंडल मोकामा

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल बाढ़

उपस्थित :- कार्य की जाँच प्रमंडल द्वारा निर्धारित प्रत्यक्ष कार्य प्रमंडल द्वारा करा ली गयी है। जाँच प्रतिवेदन संलग्न है।

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67-12-21

J.E.
MOKAMA

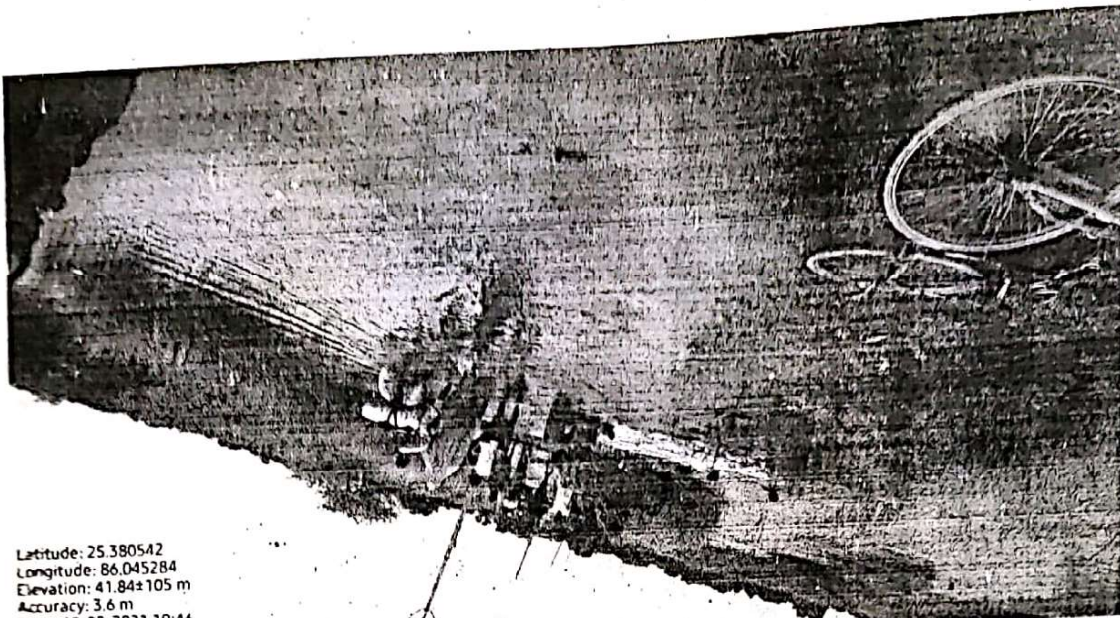
Sl. No	Name of Block	Name of Road	Damage Location and Size	Status of Restoration			Traffic Status	Remarks
				Work Completed	Work in Progress	Work Yet To Be Started		
7	Ghoswari	NH-82 Gram Jhanki to ishanagar Hote Huye Beldari Chak Road	0.950 To 1.050 Km (100 M)	Work Completed			Traffic is smooth	100 M flank damage, 50 M PCC damage
8	Ghoswari	Prastavit Tartar PMGSY path To to Maruka Weldar	0.100 Km To 0.200 Km & 0.400 Km To 1.300 Km (1000 M)	Work Completed			Traffic is smooth	Flank damage 1.00 Km. Road Crust partially damage 875 M. Traffic restored
9	Pandararak	PWD Sahari Sarnera Path To Chakjagmal	0.550 Km - 0.572 Km (22M)	Work Completed			Traffic is smooth	1 RCC Culvert damage 5 M. 22 M Length Road wash out in Flood/Rain Water. Traffic restored
10	Mokama	Naya Kasha To Purana Kasha Janjira Dumra	100 M To 250 M, 1800 M To 1825 M, 2200 M To 2400 M (375 M)	Work Completed			Traffic is smooth	10 M+11 M on two point culvert wash out and 1X15 M road wash out. Now Restored. 2.00 Km Earthen flank damaged. Requir 2 no. RCC culvert of 6 M Span Each & Earthen flank restored.
11	Barh	Khutman Khanda Kona Par To Chandaniya Village	250 M To 400 M, 1300 M To 1500 M (350 M)	Work Completed			Traffic is smooth	150 M PCC Crack, 200 M Flank Damage. Traffic is smooth
12	Athmalgoia	Jaiprakash Halt to Barhiya Village	1600 M To 1800 M (200 M)	Work Completed			Traffic is smooth	200 M BT Surface, Gr-III and flank Damage. Traffic is smooth.
13	Mokama	Purna Kasha Pipal Chowk To Sitapur	2100 M To 2200 M (100 M)	Work Completed			Traffic is smooth	10 M+ 12 M on two point road wash out. Traffic Restored. Required 1 X 6 M RCC Culvert


 P. N. Singh
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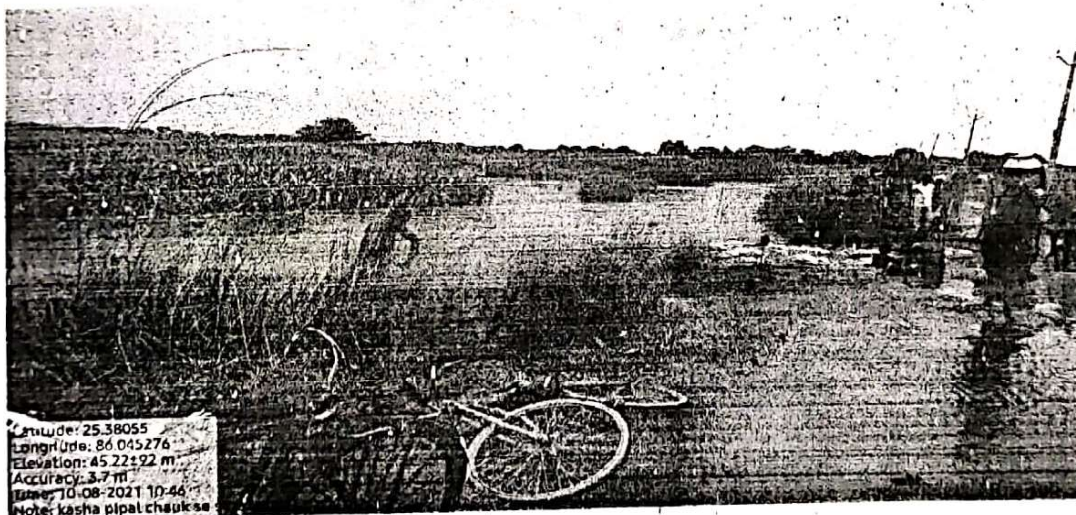
Sl. No	Name of Block	Name of Road	Damage Location and Size	Status of Restoration			Traffic Status	Remarks
				Work Completed	Work In Progress	Work Yet To Be Started		
7	Ghoswari	NH-82 Gram Jhanki to ishanagar Hore Huye Beldari Chak Road	0.950 To 1.050 Km (100 M)	Work Completed			Traffic is smooth	100 Km. Road Crust damage, 50 M PCC damage
8	Ghoswari	Prastavi Tantar PMGSY path To to Maruka Weldar	0.100 Km To 0.200 Km & 0.400 Km To 1.300 Km (1000 M)	Work Completed			Traffic is smooth	100 Km. Road Crust damage 875 M. Traffic stored
9	Pandarak	PWD Sahari Samnera Path To Chakjagnal	0.550 Km - 0.572 Km (22M)	Work Completed			Traffic is smooth	100 Km. Road Crust damage 5 M. 22 M wash out in Flood/Rain traffic restored
10	Mokama	Naya Kasha To Purana Kasha Janjira Dura	100 M To 250 M, 1800 M To 1825 M, 2200 M To 2400 M (375 M)	Work Completed			Traffic is smooth	100 Km. Road Crust damage 5 M. 22 M wash out in Flood/Rain traffic restored
11	Barh	Khutman Khanda Kona Par To Chandaniya Village	250 M To 400 M, 1300 M To 1500 M (350 M)	Work Completed			Traffic is smooth	100 Km. Road Crust damage 5 M. 22 M wash out in Flood/Rain traffic restored
12	Athmalgola	Jaiprakash Halt to Barhiya Village	1600 M To 1800 M (200 M)	Work Completed			Traffic is smooth	100 Km. Road Crust damage 5 M. 22 M wash out in Flood/Rain traffic restored
13	Mokama	Puma Kasha Pipal Chowk To Sitapur	2100 M To 2200 M (100 M)	Work Completed			Traffic is smooth	100 Km. Road Crust damage 5 M. 22 M wash out in Flood/Rain traffic restored

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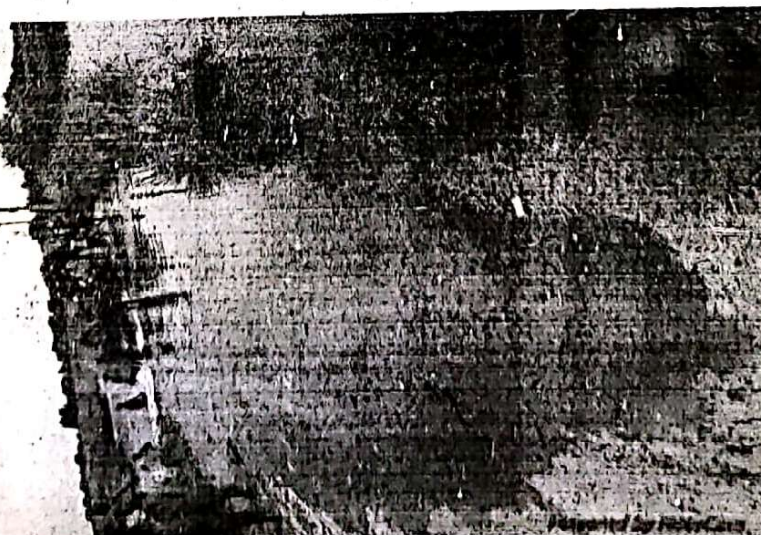
28/10/2021
A/B



Latitude: 25.380542
 Longitude: 86.045284
 Elevation: 41.84±105 m
 Accuracy: 3.6 m
 Time: 10-08-2021 10:46
 Note: kasha pipal chauk se sitapur



Latitude: 25.38055
 Longitude: 86.045276
 Elevation: 45.22±92 m
 Accuracy: 3.7 m
 Time: 10-08-2021 10:46
 Note: kasha pipal chauk se

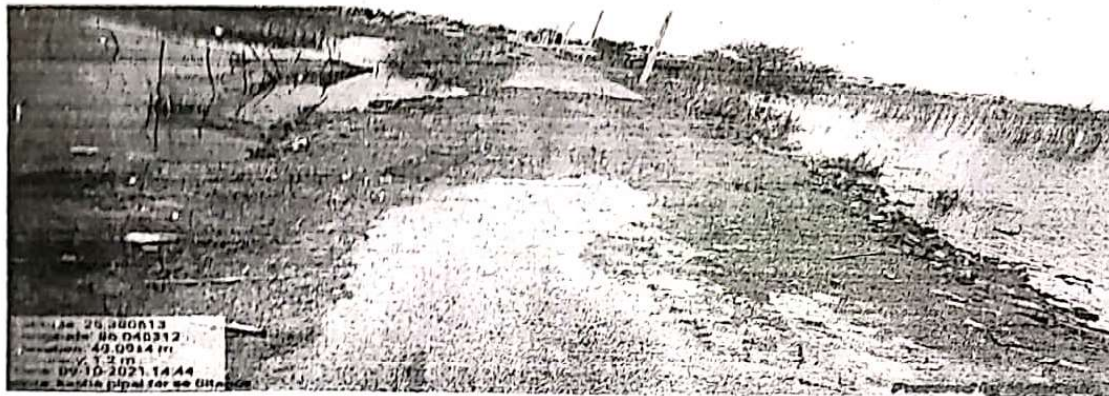


Latitude: 25.380516
 Longitude: 86.045276
 Elevation: 29.04±104 m
 Accuracy: 3.5 m
 Time: 10-08-2021 10:45
 Note: kasha pipal chauk se sitapur

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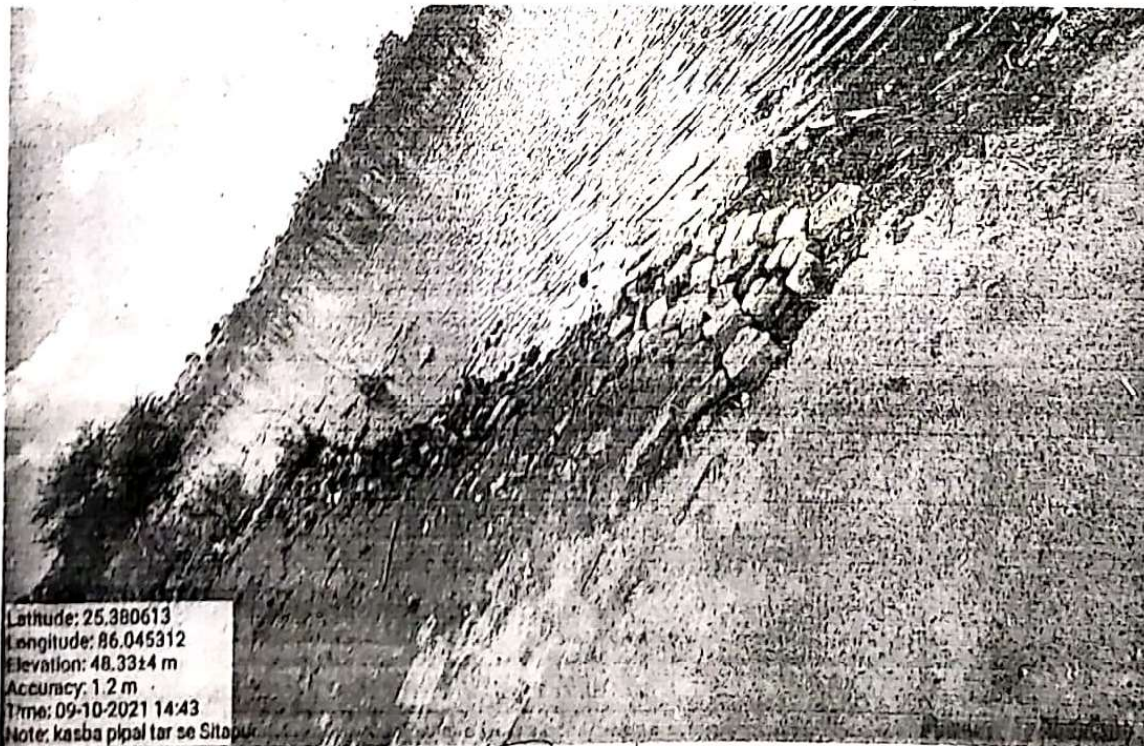
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Latitude: 25.380613
Longitude: 86.045312
Elevation: 49.0514 m
Accuracy: 1.2 m
Time: 09-10-2021 14:44
Note: kasba pipal tar se Sitapur



Latitude: 25.380613
Longitude: 86.045312
Elevation: 49.0514 m
Accuracy: 1.2 m
Time: 09-10-2021 14:44
Note: kasba pipal tar se Sitapur



Latitude: 25.380613
Longitude: 86.045312
Elevation: 48.3314 m
Accuracy: 1.2 m
Time: 09-10-2021 14:43
Note: kasba pipal tar se Sitapur

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SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :

EMERGENT REPAIR OF ROAD FROM Purna Kasha Pipal CHOUK
TO SITAPUR in Mokama Block

District

Patna

BLOCK

MOKAMA

LENGTH OF ROAD (in Km)

0.100 2.75

LENGTH OF BT PAVEMENT

0

LENGTH OF CC PAVEMENT

SL No.	DESCRIPTION	AMOUNT (LAKHS)
	Total Brick Bats	6.207 7.241
	CONTINGENCY @ 1 %	0.072
	TOTAL COST OF PROJECT :-	6.207 7.313

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RWD

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EE
RWD

Technically sanctioned for Rs. 6.207 Lacs (Rupees Six Lakh
Twenty thousand and three hundred only)
including five year Maintenance Cost

Certified copy

Anuman
16/12/2021
Superintending Engineer
R.W.D. WORKS CIRCLE, PATNA

[Signature]
15/12/21

[Signature] *[Signature]*
तथा निम्नी सलाहकार Superintending Engineer
ग्रामीण कार्य विभाग R.W.D. WORKS CIRCLE, PATNA
कार्य अंचल, पटना

NAME OF ROAD	F6
EMERGENT REPAIR OF ROAD FROM PURNA KASHA PIPAL CHAUK TO SITAPUR IN MOKAMLA BLOCK	

SL No.	SDB SL NO	MORD RefNo	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (In Rs.)
1			Supplying Brick bats with carriages at site including labour cess ,GST and seigniorage fee (excluding over head and CP).								
				Cum					305.485 -356.40	1,741.00	531845 -6,20,492.10
3			Supplying Unskilled Labour for Brick bats for spreading compacting and leveling and laying and filling in empty cement bag including labour cess , GST and (excluding over head and CP).								
				nos.					270.00 -315.00-	329.00	88501 -4,03,635.00

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AE(RWD)

EE (RWD)
WORK DIVISION
BADH

TOTAL	724,137.40-
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Q1.0530-29

~~6.203-lac~~

6. 2. 7

NAME OF ROAD

EMERGENT REPAIR OF ROAD FROM PURNA
KASHA PIPAL CHAUK TO SITAPUR IN MOKAMA
BLOCK

BRICK BATS POT MEASUREMENT

1.00 X 8.00 X 6.00 X 1.50 av 72.00
1.00 X 15.00 X 6.00 X 2.50 av 225.00

297.00 m³

254.571 X 1.2 = 305.485
~~356.4~~

Loose Qty:-

Purnan
28.10.21
JE (RWD)

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28.10.21
AE (RWD)

[Signature]
EE (RWD)

WORK DIVISION
BADH

अधीक्षण अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य अंचल, पटना।

/पटना, दिनांक-21/06/2021

851 (9/30)

अधीक्षण अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल, पटना

प्रमंडल अभियंता
ग्रामीण कार्य विभाग
प्रमंडल, बाढ़।

Very Short Notice No. RWD/FDR/Patna /01(2021-22) के तहत आमंत्रित कोटेशन
अनुसार कार्य प्रमंडल, बाढ़ में न्यूनतम दर दाता के साथ एकरारनामा करने के संबंध में।

उपरोक्त विषय के संबंध में कहना है कि कोटेशन के माध्यम से प्राप्त आमंत्रित निविदा में
न्यूनतम दर दाता एवं वित्तीय दृष्टिकोण में सफल एवं न्यूनतम दर दाता M/S Sundar Nirman घोषित
जा रहा है। इनके द्वारा उद्धृत न्यूनतम दर इस पत्र के साथ संलग्न कर भेजी जा रही है। यदि दरों में
कोई त्रुटि दृष्टिगोचर हो तो अविलंब उसका निराकरण करा लिया जाये।

अतः आपको निदेश दिया जाता है कि उक्त संवेदक से 03 (तीन) दिनों के अंदर एकरारनामा
करा जाए उसकी सूचना अधोहस्ताक्षरी के कार्यालय में समर्पित करना सुनिश्चित करें साथ ही साथ अन्य
न्यूनतम दर अगर इसी न्यूनतम दर पर कार्य करने हेतु ईच्छुक हो तो उन्हें भी सूचीबद्ध कर ली जाये, ताकि
विषय में आवश्यकता पड़ने पर उनसे काम लिया जा सके।

संबंधित संवेदक का प्राप्त अद्यतन की राशि पत्र के साथ संलग्न की जा रही है।
प्रमाण-यथोक्त।

विश्वासभाजन

21/6/21

अधीक्षण अभियंता
ग्रामीण कार्य विभाग, कार्य अंचल, पटना

21/6/21

21.06.21

Sl. No.	Item Description	Quantity	Unit	Rate	Amount
1	Empty Cement Bags	1000	Each	1.20	1200.00
2	Bamboos	1000	M3	1.70	1700.00
3	Brickbats	1000	M3	1.71	1710.00
4	Local Sand	1000	M3	1.37	1370.00
5	Kiln Rubbish	1000	M3	1068.00	1068000.00
6	Hume Pipe (NP3) 600mm Dia	1000	M	1044.50	1044500.00
7	Hume Pipe (NP3) 1000mm Dia	1000	M	3362.80	3362800.00
8	Boulders	1000	M3	1861.35	1861350.00
9	Granular Sub base Material Grading-II	1000	M3	1814.00	1814000.00
10	Stone Metal Aggregates Gr-II	1000	M3	1857.00	1857000.00
11	Stone Metal Aggregates Gr-III	1000	M3	1810.26	1810260.00
12	Screening Material Type-B	1000	M3	2712.58	2712580.00
13	Nylone Crate	1000	Each	45.00	45000.00

Estimator
RWD
Work Circle Palna
प्रासकलन पदाधिकारी
ग्रामीण कार्य विभाग
राज्य प्रभुत्व प्राप्ति

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Approved
Superintending Engineer

	Type	Output	Unit	Lowest M.S. Sundar Nirman Bidder Rate	Amount in Word
1	Unskilled Labour	110 cft. Soft Earth.	Each	329.00	Three Hundred & Twenty Nine Rupees
2	Semi Skilled Labour		Each	343.00	Three Hundred & Forty Three Rupees
3	Skilled labour		Each	418.00	Four Hundred & Eighteen Rupees
4	Mason		Each	396.00	Three Hundred & Ninty Six Rupees
5	Head mason		Each	445.00	Four Hundred & Forty Five Rupees
6	Bhisti		Each	329.00	Three Hundred & Twenty Nine Rupees
7	Carpenter		Each	396.00	Three Hundred & Ninty Six Rupees
8	Head Carpenter		Each	445.00	Four Hundred & Forty Five Rupees
9	Night Guard		Each	343.00	Three Hundred & Forty Three Rupees
10	Electrician		Each	421.00	Four Hundred & Twenty One Rupees

Estimator
R.W.D
Works Circle, Patna

प्रायकलन पदाधिकारी
ग्रामीण कार्य विभाग
कार्य प्रवेश पट्टा

नगरपालिका सलाहकार
ग्रामीण कार्य विभाग
कार्य प्रवेश पट्टा

Superintending Engineer
R.W.D WORKS CIRCLE, PATNA

III. TOOLS PLANS & MACHINERIES WITH DRIVERS ETC.

Works Division : Barh

SL	Description of Machine	Activity	Output of Machine	Unit	Lowest M/S Sundry Nirman Bidder Rate	Amount in Word
1.	Front End Loader 1.0 cum bucket capacity (JCB)	Soil Loading/Aggregate Loading	Cum/hour	Per Hour	1585.00	One Thousand Five Hundred & Eighty Five Rupees
2.	8-10 Ton Smooth Wheeled Roller	Compaction/ Consolidation	Cum/hour	Per Hour	907.00	Nine Hundred & Seven Rupees
3.	Tractor with Trolley	Transportation of Material	25 HP Capacity	Ton/Trip	647.00	Six Hundred & Forty Seven Rupees
4.	Tipper	Transportation of Material	Cum	Ton/Trip	41.50	Forty One & Fifty Paise
5.	Tractor with Tipper	Transportation of Material	25 HP Capacity	Ton/Trip	667.50	Six Hundred Sixty Seven & Fifty Paise
6.	Generator Set	Generation of Electrical energy	KVA	Per Hour	4183.00	Four Thousand One Hundred & Eighty Three Rupees

Estimator
R W D
Works Circle, Patna

प्रमुख पदाधिकारी
आजीन कार्ड विभाग
कार्ड प्रमेल परदा

सकल सलानकार
प्राप्तिन कार्ड विभाग
कार्ड अंचल, पटना

Supervising Engineer
R.W.D. WORKS CIRCLE, PATNA

Inspection Report for Flood Damage Work

Date :- 24.11.2021

1. Name of PIUs :- Executive Engineer, R.W.D. Works (D) Barh

2. Name of Block / Road :- Mokama / Purra Kasha Pipal choul to Sitapur

A. For Road

1. Damage Location / Chainage :- Near Ch. 2.300 and 2.500 Km

2. Damage Length :- 23 m

3. Nature of Damage :- Breach in the road due to flood.

i. Material being used in Restoration works :- Brick Bats

ii. Equipments / Tools being used in Restoration works : J.C.B., tractor

iii. Procedure taken up in Restoration works : Brick Bats ^{laying} spreading

iv. Restored Length : 22 m

B. For Bridge

1. Damage Location / Chainage :-

2. Damage Length :-

3. Nature of Damage :-

4. Details of Restoration Works :-

i. Material being used in Restoration works :-

ii. Equipments / Tools being used in Restoration works :

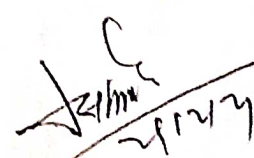
iii. Procedure taken up in Restoration works :

iv. Restored Length :

Work has been done satisfactory

N/A

02.12.21
ATC


Name of Inspector
Executive Engineer
R.W.D. Works Division, Patna