



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 NH-80 To Sankat Bairiya in Mokama Block



Name of the Road :-

EMERGENT REPAIR OF ROAD FROM NH-80 To Sankat Bairiya in Mokama Block

DISTRICT	:	Patna	
DIVISION	:	BADH	
BLOCK	:	MOKAMA	
TOTAL LENGTH OF ROAD	:	0.500 1/4	KM
TOTAL COST OF CONSTRUCTION	:	0.312	Lac
CONTINGENCY CHARGE @ 1%	:	0.003	Lac
TOTAL COST OF PROJECT	:	0.315	Lac

SUBMITTED BY:-

EXECUTIVE ENGINEER
RWD BADH
Patna

प्रतिवेदन

कार्य का नाम : मोकामा प्रखंड में एन०एच०-80 से संकट बैरिया पथ की
आपातकालीन मरम्मत ।

क्षतिग्रस्त पथांश की लम्बाई : 3.50 मी०

प्राक्कलित राशि : ₹० 0.315 लाख

मद : एफ० डी० आर०

प्रस्तुत प्राक्कलन मोकामा प्रखण्ड अंतर्गत एन०एच०-80 से संकट बैरिया पथ का बाढ़
कटाव निरोधक कार्य से संबंधित है । प्राक्कलन वर्तमान अनुसूचित दर पर तैयार किया गया है ।

इस वर्ष के बाढ़ से पथ में हो रहे कटाव से पथ को सुरक्षित करने एवं सम्पर्कता बहाल
करने हेतु ईट टुकड़े का भराव किया गया है । यह पथ नई ग्रामीण पथ अनुरक्षण नीति-2018 (MR-
3054) के अंतर्गत निर्माणाधीन है ।

अतः जनहित एवं कार्यहित में प्राक्कलन की स्वीकृति अपेक्षित है ।

Painal
28.10.21

कनीय अभियंता
(ग्रामीण कार्य विभाग)
कार्य प्रशाखा मोकामा

Painal
28.10.21

सहायक अभियंता
(ग्रामीण कार्य विभाग)
कार्य अवर प्रमंडल मोकामा

Painal
28.10.21

कार्यपालक अभियंता
(ग्रामीण कार्य विभाग)
कार्य प्रमंडल, बाढ़

कुनइयः कार्य की जंगल डाल निर्धारित प्रसवद्व कार्य प्रमंडल
द्वारा करा ली गयी है । जंगल प्रतिवेदन संलग्न है ।

Painal
07-12-21
J.E.
Mokama

Sl. No	Name of Block	Name of Road	Damage Location and Size	Work Completed	Work in Progress	Work Yet To Be Started	Traffic Status	Remarks
14	Belehhi	L091-NH30A Tamaulia Pul To Bihta-Sarmara SH Road via Korari Baghatilla	150 M To 250 M, 2500 M To 2600 M (200 M), 2nd Time- 2.175 Km To 3.300 Km (1125 M)			Work Yet To Be Started	Traffic is not smooth	No any damage. Traffic is smooth. 2nd Time-1125 M Flood Water Overtopped, 40 M Road Wash Out.
15	Athmalgola	Chandradip Rai Primar School To Sahab baba Kutiya	0.00 Km To 1.738 Km (1738 M)	Work Completed			Traffic is smooth	200 M BT Surface Damage.
16	Athmalgola	Ramnagar Diyara Faguli Ram MNP Road To DP Paswan	0.034 Km To 0.634 Km (600 M)	Work Completed			Traffic is smooth	50 M BT Surface, Gr-III and 200 M flank Damage.
17	Athmalgola	Sabnima To Ramnagar Diyara	0.00 M To 1.800 M (1800 M)	Work Completed			Traffic is smooth	400 M Road Crust damage. 600 M flank Damage. 1 RCC Culvert damage.
18	Athmalgola	NH-31 To Ganjpar Gram Hote huye Gangs Kinare Tak	0.070 km To 0.685 Km (615 M)	Work Completed			Traffic is smooth	No any damage. Traffic is smooth.
19	Mokama	NH-80 To Sankat Bairiya	0.640 km To 1.140 Km (500 M)	Work Completed			Traffic is smooth	25 M Road wash out. Restoration Work Completed.
20	Mokama	Nauranga Jalalpur Home To Tune Miyan Home	0.390 km To 0.590 Km (200 M)	Work Completed			Traffic is smooth	No any damage. Traffic is smooth.
21	Mokama	Construction of Road Auntia Chowk To NH-31	0.100 km To 0.315 Km (215 M)	Work Completed			Traffic is smooth	No any damage. Traffic is smooth.

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SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :

EMERGENT REPAIR OF ROAD FROM NH-80 To Sankat

District

Bairiya in Mokama Block

BLOCK

Patna

LENGTH OF ROAD (in Km)

MOKAMA

LENGTH OF BT PAVEMENT

~~0.500~~ 1.14

LENGTH OF CC PAVEMENT

0

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
	Total Brick Bats	0.267 0.312
	CONTINGENCY @ 1 %	0.003
	TOTAL COST OF PROJECT :-	0.267 / 0.315

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28.10.21
JE
RWD

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28/10/2021
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RWD

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28/10/21
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RWD

Technically sanctioned for Rs. 0.267 Lakhs i.e. Twenty
Six thousand and seven hundred only
including five year Maintenance Cost

Certified copy

[Signature]
16/11/21
Superintending Engineer
R.W.D. WORKS CIRCLE, PATNA

[Signature]
सफाई सलाहकार
ग्रामीण कार्य विभाग
कार्य अंचल, पटना

[Signature]
Superintending Engineer
R.W.D. WORKS CIRCLE, PATNA

F6

**EMERGENT REPAIR OF ROAD FROM NH-80 To Sankat
Bairiya in Mokama Block**

NAME OF ROAD

Sl. No.	SDB Sl. No.	MORD Ref No	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).						13.052		22724.60
				Cum					15.23	1,741.00	26515.43
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).						12.00		3948.00
				NOS.					44.00	329.00	4606.00
									TOTAL	Rs	331121.43
											26673

Signature
28.10.21
JE (RWD)

Signature
28.10.21
AE (RWD)

Signature
28.10.21
EE (RWD)
WORK DIVISION
BADH
= 0.2667 lac
= 0.267 lac

NAME OF ROAD:

EMERGENT REPAIR OF ROAD FROM NH-80 To Sankat Bairiya in
Mokama Block

BLOCK :-

MOKAMA

DIVISION:- BADH

POT MEASUREMENT OF BRICK BATS

1.00 X

4.70 X

1.00 X

1.20 av

5.64

1.00 X

4.70 X

2.50 X

0.60 av

7.05

12.69 m³

LOOSE QTY:-

$10.877 \times 1.2 = 13.052$
~~15.23~~

After loss void
 $= 12.69 \times 12/14 = 10.8$

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28.10.21
JE (RWD)

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28/10/2021
AE(RWD)

[Signature] 28/10/21
EE (RWD)
WORK DIVISIO
BADH

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

पत्रांक-
प्रेषक,

851 (अनु०)

/पटना, दिनांक-21/06/2021

अधीक्षण अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल, पटना

सेवा में,

कार्यपालक अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, बाढ़।

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

महोदय,

उपर्युक्त विषय के संबंध में कहना है कि कोटेशन के माध्यम से प्राप्त आमंत्रित निविदा में तकनीकी विवरणी एवं वित्तीय विवरणी में सफल एवं न्यूनतम दर दाता M/S Sundar Nirman घोषित किए गए हैं। इनके द्वारा उद्धृत न्यूनतम दर इस पत्र के साथ संलग्न कर भेजी जा रही है। यदि दलों 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 करते हुए उसकी सूचना अधोहस्ताक्षरी के कार्यालय में समर्पित करना सुनिश्चित करें साथ ही साथ अन्य संवेदक अगर इसी न्यूनतम दर पर कार्य करने हेतु ईच्छुक हों तो उन्हें भी सूचीबद्ध कर ली जाये, ताकि भविष्य में आवश्यकता पड़ने पर उनसे काम लिया जा सके।

संबंधित संवेदक का प्राप्त अग्रघन की राशि पत्र के साथ संलग्न की जा रही है।
अनु०-यथोक्त।

विष्वासभाजन

अधीक्षण अभियंता

ग्रामीण कार्य विभाग, कार्य अंचल, पटना

21.06.21

21.06.21

Sl. No.	Material	Specifications	Unit	Lowest M/S. Similar Nirmal Bidder Rate	Amount in Word
1	Empty Cement Bags	Empty Cement Bags. Synthetic should be old but in good condition of 1.20 cft. Capacity.	Each	8.71	Eight Rupees & Seventy One Paise
2	Bamboos	Bamboos should be 100mm dia 6 to 8m long.	Each	170.00	One Hundred & Seventy Rupees
3	Brickbats		M3	1741.00	One Thousand Seven Hundred & Forty One Rupees
4	Local Sand		M3	117.00	Three Hundred & Thirty Seven Rupees
5	Kilo Rubbish		M3	1068.00	One Thousand & Sixty Eight Rupees
6	Hume Pipe (NP3) 600mm Dia		M	1044.50	One Thousand Forty Four & Fifty Paise
7	Hume Pipe (NP3) 1000mm Dia		M	3362.80	Three Thousand Three Hundred Sixty Two & Eighty Paise
8	Boulders	Minimum Size 300mm	M3	1861.35	One Thousand Eight Hundred Sixty One & Thirty Five Paise
9	Granular Sub base Material Grading-II		M3	1814.00	One Thousand Eight Hundred & Ninety Rupees
10	Stone Metal Aggregates Gr-II		M3	1857.80	One Thousand Eight Hundred & Fifty Seven Rupees
11	Stone Metal Aggregates Gr-III		M3	1810.26	One Thousand Eight Hundred Ten & Twenty Six Paise
12	Screening Material Type-B		M3	2712.58	Two Thousand Seven Hundred Twelve & Fifty Eight Paise
13	Nylon Crates	Nylon crate of size 1m3 (max 1m x 1m) with 20mm mesh of specification 12603.4.24 ie having 24 threads of weight 165 1.5 gm	Each	45.00	Forty Five Rupees

Estimator

RWD.

..... Check Dates

महेश्वरी महेश्वरी

अधीन और धन

महेश्वरी महेश्वरी

अधीन और धन

Supervising Engineer

Type	Quantity	Unit	Standard Rate	Amount in Words
Unskilled Labour	110 cft. Soft Earth.	Each	329.00	Three Hundred & Twenty Nine Rupees
Semi Skilled Labour		Each	343.00	Three Hundred & Forty Three Rupees
Skilled labour		Each	418.00	Four Hundred & Eighteen Rupees
Mason		Each	396.00	Three Hundred & Ninety Six Rupees
Head mason		Each	445.00	Four Hundred & Forty Five Rupees
Bhisti		Each	329.00	Three Hundred & Twenty Nine Rupees
Carpenter		Each	396.00	Three Hundred & Ninety Six Rupees
Head Carpenter		Each	445.00	Four Hundred & Forty Five Rupees
Night Guard		Each	343.00	Three Hundred & Forty Three Rupees
Electrician		Each	421.00	Four Hundred & Twenty One Rupees

Estimator
R.W.D
Works Circle, Patna

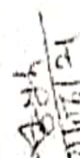
प्रमुख एवं अधिकारी
ग्रामीण कार्य विभाग
कार्य प्रवेश गेट

सहायक सिलसिलेदार
ग्रामीण कार्य विभाग
कार्य अंतर्गत, पटना

Superintending Engineer
R.W.D WORKS CIRCLE, PATNA

Sl.	Description of Machine	Activity	Output of Machine	Output	Unit	Lowest Bidder's Bidder Rate	Amount in Word
1.	Front End Loader 1.0 cum bucket capacity (JCB)	Soil Loading/Aggregate Loading	Cum/hour	60/25	Per Hour	1585.00	One Thousand Five Hundred & Eighty Five Rupees
2.	8-10 Ton Smooth Wheeled Roller	Compaction/Consolidation	Cum/hour	70/25	Per Hour	907.00	Nine Hundred & Seven Rupees
3.	Tractor with Trolley	Transportation of Material	25 HP Capacity	3 to 5 Ton	Ton/Trip	647.00	Six Hundred & Forty Seven Rupees
4.	Tipper	Transportation of Material	Cum	5.50	Ton/Trip	41.50	Forty One & Fifty Paise
5.	Tractor with Tipper	Transportation of Material	25 HP Capacity	3 to 5 Ton	Ton/Trip	667.50	Six Hundred Sixty Seven & Fifty Paise
6.	Generator Set	Generation of Electrical energy	KVA	5	Per Hour	4183.00	Four Thousand One Hundred & Eighty Three Rupees


Estimator
 R W D
 Works Circle, Patna


 प्राक्कलन पदाधिकारी
 ग्रामीण कार्य विभाग
 कार्य अंचल, पटना


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

Inspection Report for Flood Damage Work

Date :- 27.11.2021

1. Name of PIUs :- Executive Engineer, RWD, works (D) Barh
2. Name of Block / Road :- Mokama / NH-80 to Sambat Baisiya
- A. For Road
 1. Damage Location / Chainage :- Near ch. 0.900 Km
 2. Damage Length :- 9.4 m
 3. Nature of Damage :- Scour in the road Embankment
 - 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 : 9.4 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 :

N/A

[Signature]
02.12.21
ME

[Signature]
27/11/21
Name of Inspector
Executive Engineer
R.W.D. Works Division, Patna