



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar



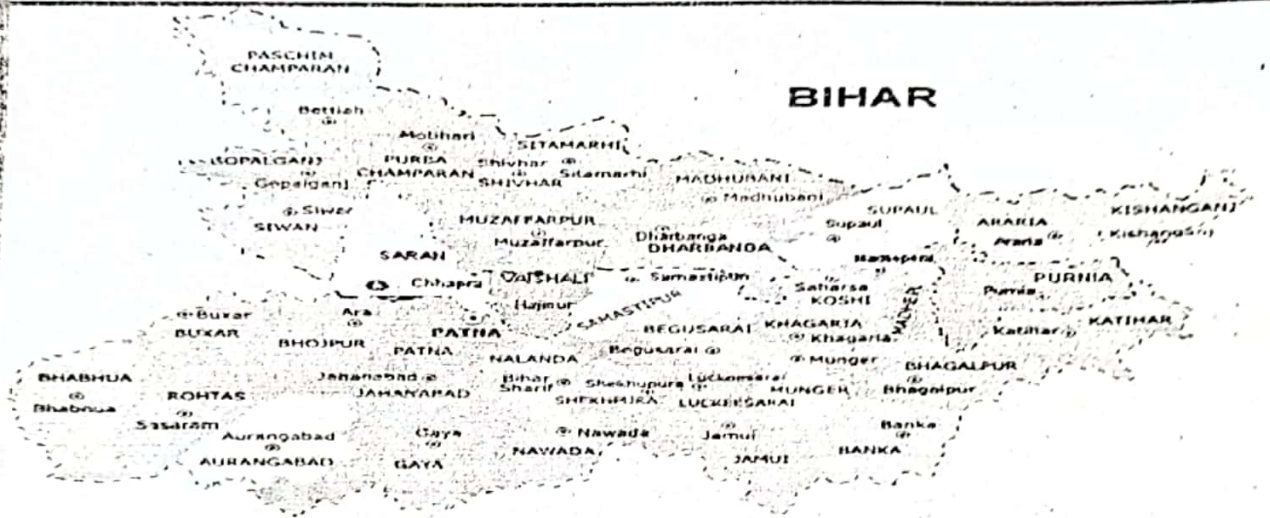
BIHAR RURAL ROADS PROJECT

Bihar Rural Road Development Agency (BRRDA)

Govt. of Bihar

FDR (2021-22)

EMERGENT REPAIR OF ROAD FROM MRL07-More to Tartar in Mokama Block



Name of the Road :-

EMERGENT REPAIR OF ROAD FROM MRL07-More to Tartar in Mokama Block

DISTRICT	:	Patna	
DIVISION	:	BADH	
BLOCK	:	MOKAMA	
TOTAL LENGTH OF ROAD	:	4.020 7.90	KM
TOTAL COST OF CONSTRUCTION	:	2.273 2.140	Lac
CONTINGENCY CHARGE @ 1%	:	0.0230.021	Lac
TOTAL COST OF PROJECT	:	2.296 2.161	Lac

SUBMITTED BY:-

EXECUTIVE ENGINEER

RWD BADH

Patna

प्रतिवेदन

कार्य का नाम : मोकामा प्रखंड में मोर से तारतर पथ की आपातकालीन मरम्मत कार्य ।

क्षतिग्रस्त पथांश की लम्बाई : 5.60 मी०

प्राक्कलित राशि : ₹ 2.296 लाख 2.161 लाख

मद : एफ० डी० आर०

प्रस्तुत प्राक्कलन मोकामा प्रखण्ड अंतर्गत मोर से तारतर पथ का बाढ़ कटाव निरोधक कार्य का प्राक्कलन वर्तमान अनुसूचित दर पर मो० ^{2.161} 2.296 लाख (₹० दो लाख ^{कोल्ट} ~~उन्तीस~~ हजार ~~छ-~~ ~~ह~~ सौ रूपये) मात्र का तैयार किया गया है ।

इस वर्ष बाढ़ से पथ में हो रहे कटाव से पथ को सुरक्षित करने एवं सम्पर्कता बहाल करने हेतु बाँस के बोरे से बहाव को रोकते हुए पथ में ईट टुकड़े का भराव किया गया है । यह पथ पी०एम०जी०एस०वाई० (Phase-II) के अन्तर्गत निर्माणाधीन है ।

अतः जनहित एवं कार्यहित में प्राक्कलन की स्वीकृति अपेक्षित है ।

PicNailh
28.10.21
कनीय अभियंता
(ग्रामीण कार्य विभाग)
कार्य प्रशाखा मोकामा

[Signature]
28/10/21
सहायक अभियंता
(ग्रामीण कार्य विभाग)
कार्य अवर प्रमंडल मोकामा

[Signature] 28/10/21
कार्यपालक अभियंता
(ग्रामीण कार्य विभाग)
कार्य प्रमंडल, बाढ़

सुनश्चः कार्य को जल्द अंगल जाए निर्धारित प्रबंध कार्य प्रमंडल जाए कर ली जाय है । जल्द स्तरीकरण संलग्न है ।

PicNailh
07-12-21
J.E.
Mokama

Flood Damaged Road List of Barh (With Google Sheet)

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		
1	Belchhi	Korari to Paighamberpur	0.750 Km To 0.760 Km (10 M)	Work Completed			Traffic is smooth	Required one H/P Culvert, Traffic restored
2	Pandarak	L049-T02 to Shahzadpur Bathoi	1st Time-0.950 Km To 0.970 & 2.200 Km to 2.210 (30 M), 2nd Time-0.850 Km To 0.885 Km (35)	Work Completed			Traffic is smooth	Required 1x6 M and 1x3 M RCC Culvert, Traffic restored, 2nd Time-35 M Traffic Restore.
3	Ghoswari	Ghoswari Karra PMGSY Road to Kanya Vidalya pajina	0.550 Km To 0.675 Km (125 M)	Work Completed			Traffic is smooth	1x3 M New RCC Culvert is require in place of damage hume pipe culvert constructed by Panchayat. Flood Water Logged. Traffic is Smooth.
4	Bath	NH-30A (Saksohra Barh Road) to Brahmini Asthan	0.350 Km To 0.500 Km (150 M)			Work Yet To Be Started	Traffic is not smooth	Flood/Rain Water Log In 200 M Length. Require RCC Culvert (1 X 6 X 4 M). Traffic is not smooth
5	Ghoswari	MRL11-NH 82 to NH 31 Via Gosai gaon.	1.600 Km To 1.900 Km (300 M)	Work Completed			Traffic is smooth	No any damage. Traffic is smooth.
6	Mokama	MRL07-More to Tartar	2.000 Km To 6.00 Km, 6.500 Km To 6.520 Km (4020 M)	Work Completed			Traffic is smooth	Old weir damage and 1x25 M H/L Bridge required. 4.00 Km Flank damage.

Painkari
28.10.21
J.E.

28/10/2021
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J.E.

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD : EMERGENT REPAIR OF ROAD FROM MRL07-More to Tartar in
 District Mokama Block
 BLOCK Patna
 MOKAMA
 LENGTH OF ROAD (in Km) 4.020 7.90
 LENGTH OF BT PAVEMENT
 LENGTH OF CC PAVEMENT 0

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
	Total Brick Bats	1.549 2.140 2.273
	CONTINGENCY @ 1%	1.549 0.021 0.023
	TOTAL COST OF PROJECT :-	2.161 2.296

Patna
 28.10.21
 JE
 RWD

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 28/10/2021
 AE
 RWD

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 28/10/21
 EE
 RWD

Technically sanctioned for Rs. 1,84,941 (Rupees One lakh
 Eighty Four thousand and Nine hundred only)

including five year Maintenance Cost

Certified copy

[Signature]
 16/12/2021
 Superintending Engineer
 R.W.D. WORKS CIRCLE, PATNA

[Signature]
 15/11/21

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

EMERGENT REPAIR OF ROAD FROM MRL07-More to Tartar in Mokama Block

Sl. No.	Sub Sl. No	MSRD 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).								
				Cum					86.523	1,741.00	150,355.55
									108.55		
									104.92		175,702.49
2			Supplying local sand with carriages for filling in empty cement bag, including labour cess ,GST and seigniorage fee (excluding over head and CP).	cum					8.5	337.00	2,864.50
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).						524.00	329.00	21,580.00
				nos.					9660		
4			Supplying Cement Bags with carriages at site including labour cess ,GST and seigniorage fee (excluding over head and CP).								
				nos.					250.00	8.71	2,177.50
4			Supplying 100 mm dia Bamboo (6 mtr. To 8 mtr.) at site including labour cess ,GST and seigniorage fee (excluding over head and CP).								
				nos.					10.00	170.00	1,700.00

28.10.21
J E (RWD)

Total: 7
 1/28/81
 EE (RWD)
 WORK DIVISION
 PATNA

~~214028.00~~

AE(RWD) 28/10/2021

EE (RWD)
12/28/81

657891

E OF ROAD:

EMERGENT REPAIR OF ROAD FROM Naya Kasha To Purana
Kasha Janjira Dumra in Mokama Block

K :-

MOKAMA

DIVISION: BADH

POT MEASUREMENT

bats:-

1.00 X	5.30 X	3.60 X	3.00 av	54.06	47.70	Abt. av. lvs. neat to GA 10 x 12 = 72055 126
1.00 X	4.00 X	2.60 X	3.50 av	36.40		
				84.10	90.46 m3	

ent Bags:-

LOOSE QTY:- 108.55 ~~100.92~~
42.085 x 1.20 = 50.503
20.00 x 5.00 x 2.00 200.00
10.00 x 5.00 x 1.00 50.00
200.00 Nos
250 Nos
250 lvs
1.00 x 8.50 x 6.00 x 2.00 102.00

1 Sand:-

Painash
26.10.21
JE (RWD)

JE
28/10/2021
AE(RWD)

28/10/21
EE (RWD)
WORK DIVISIC
BADH

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

पत्रांक-
प्रेषक,

851 (अ-20)

/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 सकल 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 दरो में कोई त्रुटि दृष्टिगोचर हो तो अविलंब उसका निराकरण करा लिया जाये।

अतः आपको निर्देश 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 इच्छुक हो तो उन्हें भी सूचीबद्ध कर ली जाये, ताकि नविष्य में आवश्यकता पड़ने पर उनसे काम लिया जा सके।

संबंधित संवेदक का प्राप्त अग्रचन की राशि पत्र के साथ संलग्न की जा रही है।

अनु०-यथोक्त।

विश्वासभाजन

अधीक्षण अभियंता

ग्रामीण कार्य विभाग, कार्य अंचल, पटना

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 & Ninety 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 & Ninety 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

प्रमाणित
सहस्र
प्रमाणित
सहस्र
प्रमाणित
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प्रमाणित
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प्रमाणित
सहस्र

Supervising Engineer
R.W.D WORKS CIRCLE, PATNA

III. TOOLS PLANTS & MACHINERIES WITH QUANTITIES FOR Works Division : Barh

Sl.	Description of Machine	Activity	Output of Machine	Unit	Lowest M/S Sundar 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

20/10/24

Estimator
R.W.D.

Works Circle, Patna

21/10/24

Inspector of Works
Barh and Barh
and Barh

22/10/24

Inspector of Works
Barh and Barh
and Barh

23/10/24

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, Work(D), Patna

2. Name of Block / Road :- Mokama / MRL 07. More to Tartar

A. For Road

1. Damage Location / Chainage :- Near ch. 5.950 Km

2. Damage Length :- 9.300 m

3. Nature of Damage :- Scour in the Road ^{Embankment} 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 : 9.300 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
AE

[Signature]
21/12/21
Name of Inspector
Executive Engineer
R.W.D. Works Division, Patna