



Govt. of Bihar

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :

EMERGENT, REPAIR OF ROAD FROM NH -30 A TO
CHHORIYA PATH UNDER FDR

DISTRICT
BLOCK
DIVISION

PATNA
Belchi
Badh

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	Total Cost of Brick Bat Laying	60211.95 -697350.66
	TOTAL COST OF PROJECT IN LACS =	6.973

6.031

B Kumar
30/10/21
JE
RWD

AE
30.10.21.
AE
RWD

EE
30/10/21
EE
RWD

Technically sanctioned for Rs. 6.031 (Rupees Six lac,
three thousand and four hundred only)

including five year Maintenance Cost

Ed
तकनीकी सलाहकार
ग्रामीण कार्य विभाग
कार्य अंचल, पटना

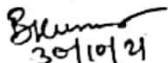
Ed
Superintending Engineer
R.W.D. WORKS CIRCLE, PATNA

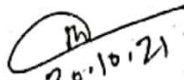
Amman
4/12/2021
Superintending Engineer
R.W.D. WORKS CIRCLE, PATNA

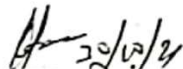
प्रतिवेदन

कार्य का नाम : एन०एच० 30 A से छोरिया पथ का बाढ़ क्षतिग्रस्त पथांश का
आपातकालीन मरम्मत ।
क्षतिग्रस्त पथांश की लम्बाई : 4.6.00
70.00 मी०
प्राक्कलित राशि : रू० 6.933 लाख
मद : एफ० डी० आर०

प्रस्तुत प्राक्कलन बेलछी प्रखण्ड अंतर्गत एन०एच० 30 A से छोरिया पथ का बाढ़ क्षतिग्रस्त पथांश का आपातकालीन मरम्मत का एकरारनामित दर पर रू० 6.933 लाख (छः लाख ^{विंशति} हजार तीन सौ) रूपये मात्र का तैयार किया गया है । इस वर्ष के भीषण बाढ़ से पथ के चार स्थानों पर कटाव एवं बड़े-बड़े गड्ढे बन गये हैं । विभागीय निर्देशानुसार पथ को यातायात योग्य बनाना है, जिसके आलोक में चारो स्थानों पर कटाव से बचाव हेतु बाँस-बल्ला, स्थानीय बालू से भरा सीमेंट बैग एवं गड्ढे में ब्रीकट वेट भर दिया गया है । आवागमन चालू है । अतः कार्यहित में प्राक्कलन की स्वीकृति अपेक्षित है ।

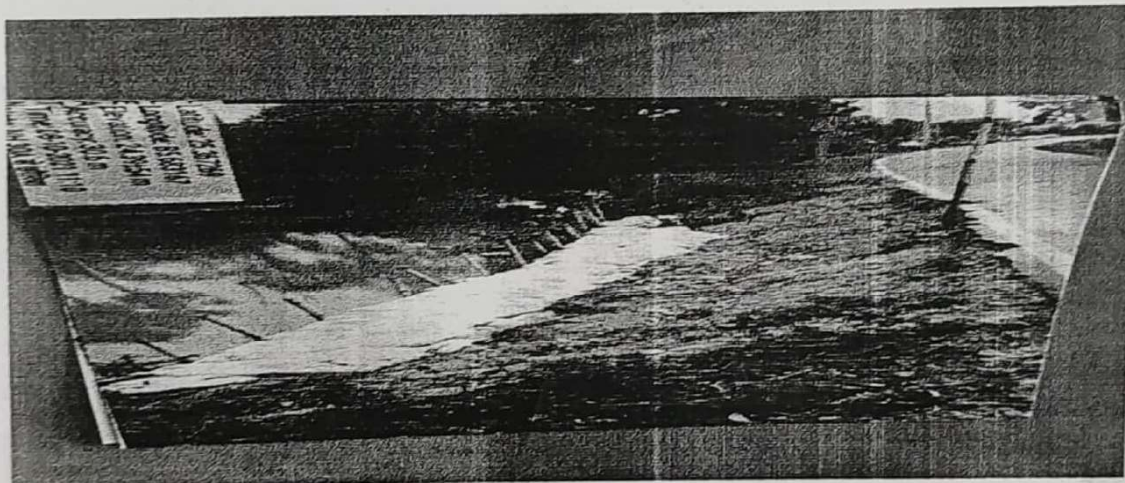
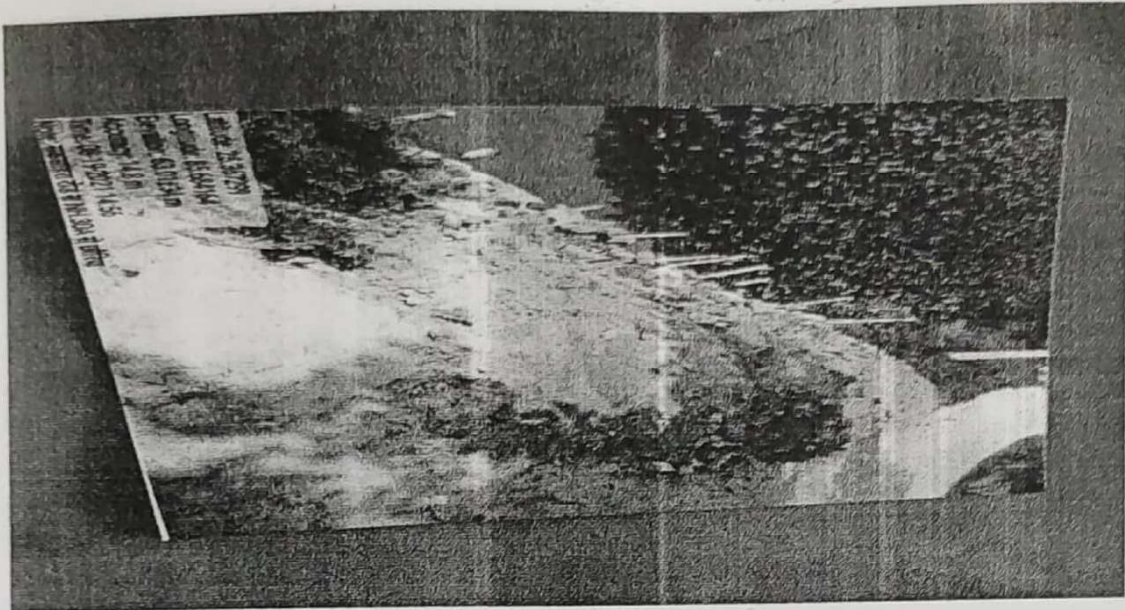

30/10/21
कनीय अभियंता
बेलछी


30.10.21
सहायक अभियंता
बेलछी


30/10/21
कार्यपालक अभियंता
(ग्रामीण कार्य विभाग)
कार्य प्रमंडल, बाढ़

उपरोक्त कार्य की जांच अंचल द्वारा निर्धारित अनुसूची
काम प्रमंडल द्वारा करा ली गई है। जांच प्रतिवेदन
संलग्न है।

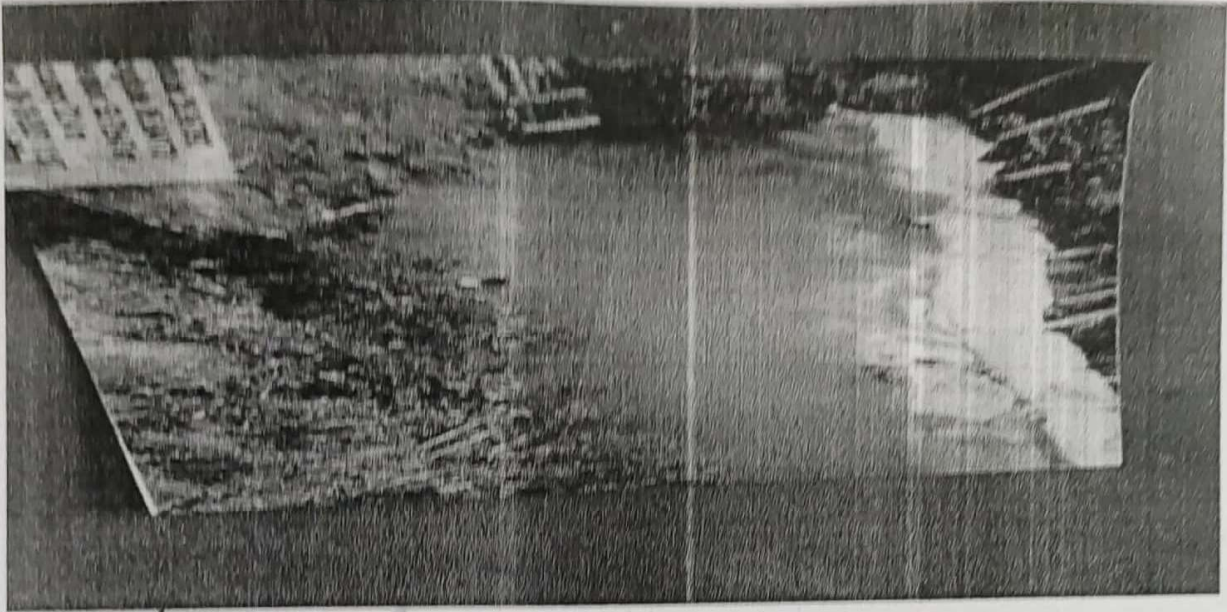
Sl. No	Name of Block	Name of Road	Damage Location and Size	Status of Restoration			Traffic Status	Remarks
				Work Completed	Work in Progress	Work Yet To Be Started		
22	Mokama	Aunta Chowk To NH-31 Road via Ram Balak Mahto House	0.200 km To 0.900 Km (700 M)	Work Completed			Traffic is smooth	No any damage. Traffic is smooth.
23	Barh	Nadawa Fatehpur To Nakkichak Road	2.700 km To 2.850 Km (150 M)	Work Completed			Traffic is smooth	No any damage. Traffic is smooth.
24	Pandarak	construction Road from Sadh baba chowk to Gwasashekpura via Parsama Madadpur	0.200 km To 0.220 Km, 0.400 Km To 0.430 Km, 0.600 Km .650 Km & 0.800 Km To 0.900 Km (200 M)	Work Completed			Traffic is smooth	150 M Road Surface Damage. Restoration Work Completed
25	Ghoswari	Construction of Road from Balba To Sadha	0.100 km To 1.900 Km (1800 M)	Work Completed			Traffic is smooth	Flank Damage In 350 M Length. Road Crust 200 M Partially Damage and 100 M fully damage.
26	Belchhi	Gram Pura to Gram Mankaura Via Gram Naya Bigha Tak Path	0.150 km To 0.350 Km (200 M)	Work Completed			Traffic is smooth	200 M Flank Damage, 150 M PCC Crack. Traffic is smooth
27	Ghoswari	Pajina Samyagarh PMGSY Road to Malpur Bigha East Tola	0.010 km To 0.450 Km (440 M)	Work Completed			Traffic is smooth	Traffic is smooth. H/P Culvert partially damage.
28	Ghoswari	NH-82 To Bhola Asthan Prastabit High School Ghoswari	0.010 km To 1.160 Km (1150 M)	Work Completed			Traffic is smooth	Flank Damage in 500 M Length. Traffic is smooth.
29	Belchhi	NH-30A to Chhoriya Path	0.500 km To 0.520 Km and 0.750 Km To 0.800 Km (70 M)	Work Completed			Traffic is smooth	Flank Damage in 70 M Length. Now Restore and work completed.



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AE.

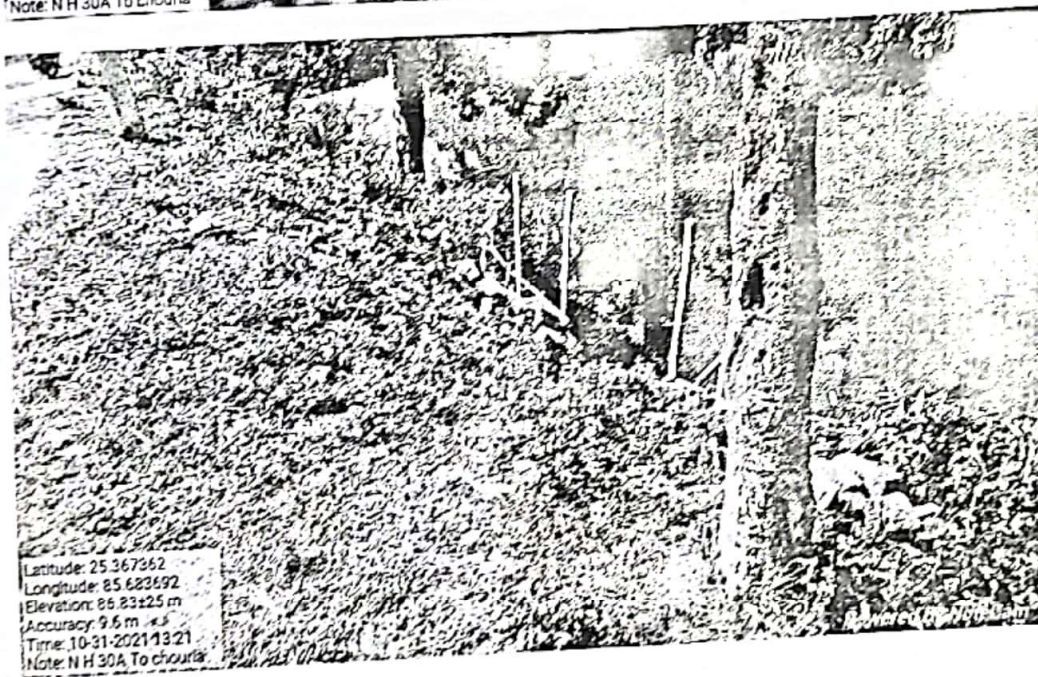
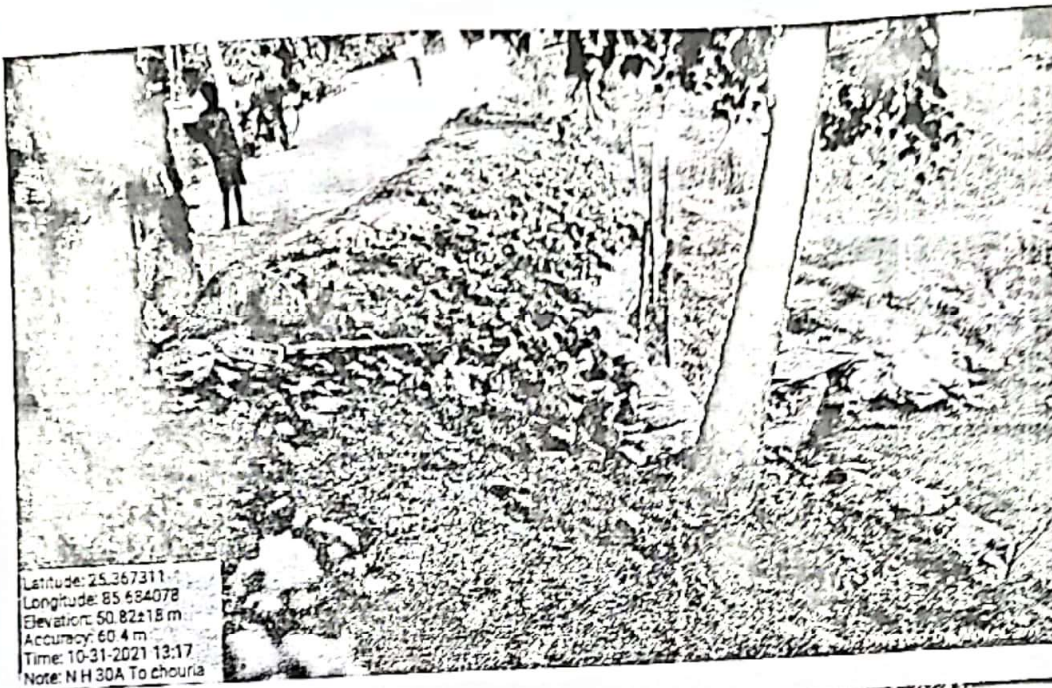
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SV
 20/10/21
 SE

N
 30/10/21
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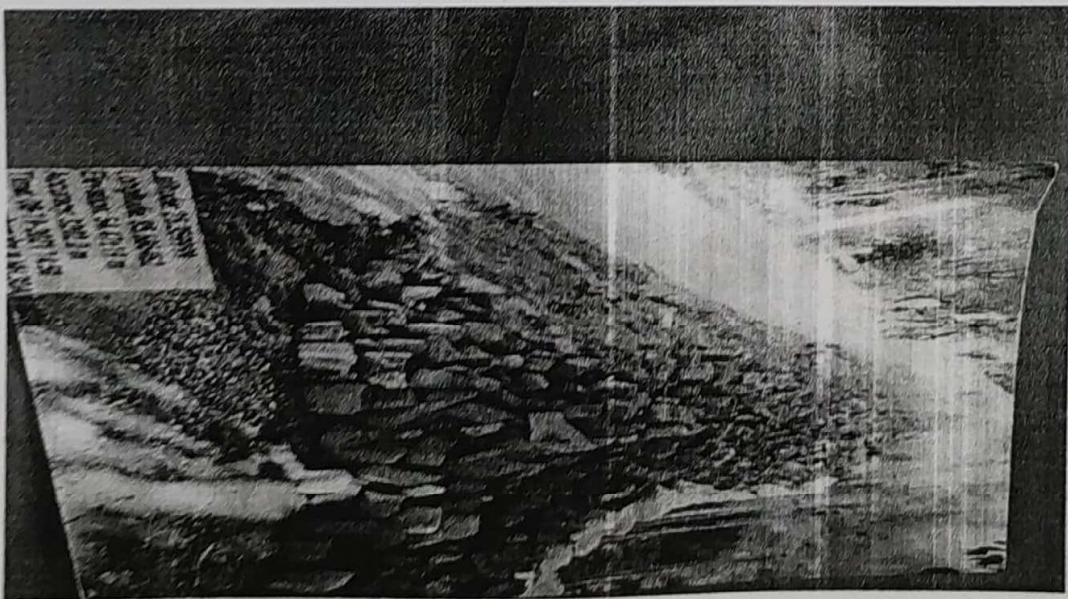
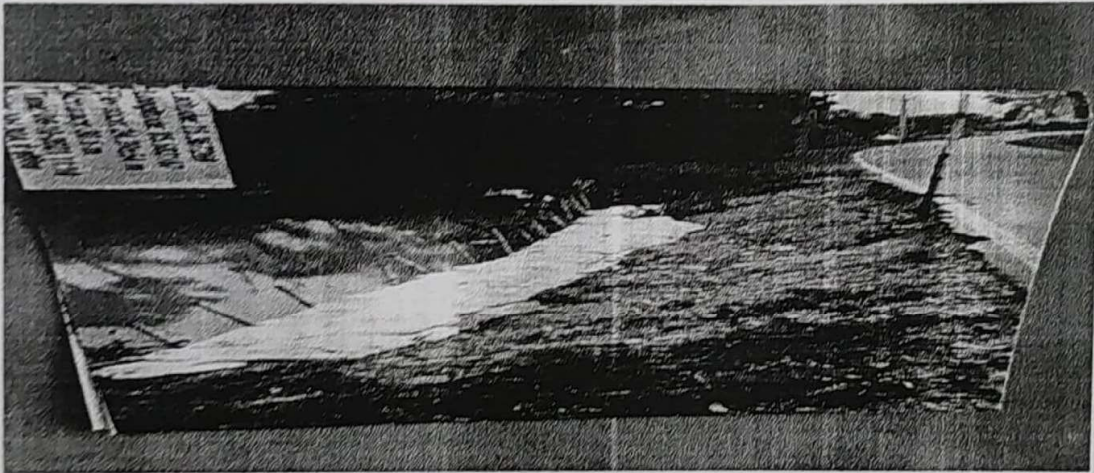
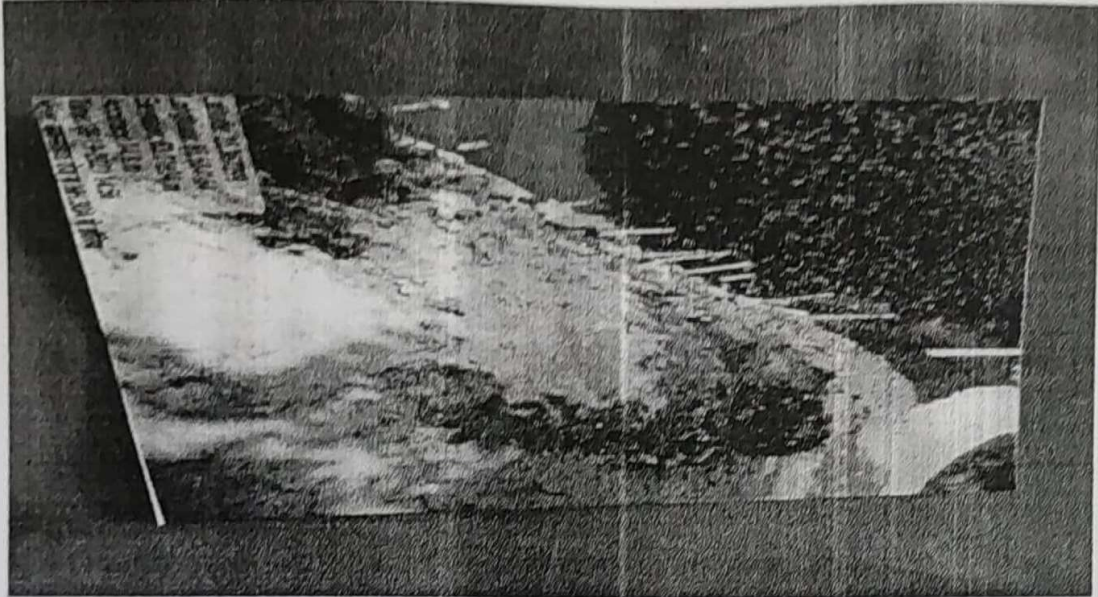
20/10/21



BKumar
 30/10/21
 SE

W
 30.10.21
 AE.

30/10/21
 OR



B. Kumar
30/10/21
JE

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30.10.21
AE

30/10/21

1:6

EMERGENT REPAIR OF ROAD FROM NH -30 A TO CHHORIYA PATH

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).						276.17		480725
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					322.14	1741.00	560845.74
				cum					31.96	337.00	10770.52
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).						241.45		95737
4			Supplying Cement Bags with carriages at site including labour cess, GST and seigniorage fee (excluding over head and CP).	nos.					333.00	329.00	109557.00
5			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.					940.00	8.71	8187.40
				nos					47.00	170.00	7990.00
									TOTAL	Rs	1697350.66

602411.92

AE(RWD)
30/10/21

JE (RWD)
30/10/21

EE (RWD)
30/10/21
WORK DIVISION
PATNA

NAME OF ROAD :

EMERGENT REPAIR OF ROAD FROM NH-30 A TO CHHORIYA

POT MEASUREMENT

Brick bats	1.00	M	x	7.00	M	(1.20+4)/2	M	x	2.22	39.13
	1.00	M	x	17.00	M	(1.00+3.50)/2	M	x	2.8	107.10
	1.00	M	x	12.00	M	(1.20+3.50)/2	M	x	2.1	59.22
	1.00	M	x	10.00	M	(1.00+3.20)/2	M	x	3	63.00
Loose Qty. Og Brick Bats:- $2.30 \times 10 \times 1.20 = 276.12$										268.45 m ³
										322.14 m ³
Laying Cement Bags filled with local sand	2.00	x		200.00	x					400.00
	1.00	x		150.00						150.00
	1.00	x		140.00						140.00
	1.00	x		250.00	x					250.00
										940.00
Qty of Cement Bags:-										940.00 No.

After loss net of
 268.45×12
 $\frac{14}{14} = 2730 \text{ IC}$

Supplying 100
mm dia
Bamboo (6 mtr
to 8 mtr)

47 No

Bikun
30/10/21
JE(RWD)

A E (RWD)

E E (RWD)
~~PATNA~~
 Barh

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

पत्रांक- 851 (अनु०)
प्रेषक,

/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।

महाशय,

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 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 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 भविष्य में आवश्यकता पड़ने पर उनसे काम लिया जा सके।

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

अनु०-यथोक्त।

विश्वासभाजन

(Signature)
21/6/21

अधीक्षण अभियंता
ग्रामीण कार्य विभाग, कार्य अंचल, पटना

(Signature)
21.06.21

(Signature)
21.06.21

Lowest Bidder Rate
Works Division : Bath

Sl. No.	Material	Specifications	Unit	Lowest M/S Standard Nirman 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	337.00	Three Hundred & Thirty Seven Rupees
5	Kiln Rubbish <i>Local Rubbish</i>		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 Nine Hundred & Ninety Rupees
10	Stone Metal Aggregates Gr-II		M3	1857.00	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
13	Nylone Crate	Nylone crate of size 1m3(1mx1mx1m) with 20mm mesh of specification 1260/3/4/24, ie 14x16x3 2-wood threads of weight 165 1/-5mm.	Each	45.00	Forty Five Rupees

Estimator

P W D

Works Circle, Patna

प्राधिकारी
पाठकन पदाधिकारी

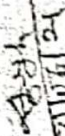
प्राचीन कार्य विभाग
कार्य अंचल, पटना

तकनीकी सल्लाहकार
प्राचीन कार्य विभाग
कार्य अंचल, पटना

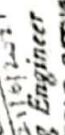
Superintending Engineer
R.W.B. WORKS CIRCLE, PATNA

Sl.	Description of Machine	Activity	Output of Machine	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	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


 21/06/24
 प्रायकलन पदाधिकारी
 आसीन कार्य विभाग
 कार्य अंचल, पटना


 तथानिका सहायकार
 प्रायोग कार्य विभाग
 कार्य अंचल, पटना


 21/06/24
 Superintending Engineer
 R.W.D. WORKS CIRCLE, PATNA

Inspection Report for Flood Damage Work

Date :- 24.11.21

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

2. Name of Block / Road :- Belchi / NH-30A to chhoriya Path

A. For Road

1. Damage Location / Chainage :- Ch. 0.800 to 0.900 Km

2. Damage Length :- 46 m

3. Nature of Damage :- Scour in the road, ^{embankment} due to flood.

i. Material being used in Restoration works :- Brick Bats, Bamboo & cement bags

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

iii. Procedure taken up in Restoration works : Brick bats spreading & laying and Bamboo filling

iv. Restored Length : 46 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 is satisfactory.

N/A

Signature
02.12.21
96

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