

RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

CIRCLE – R.W.D Works Circle, Chapra

DVISION – R.W.D Works Division, Marhaura

Name of Work - Motrable of road from Paiga Bazar Near Mohammad Azad
ka Dukaan to Hnuman Mandir

Block - Amnaur

Estimated Cost – Rs ⁷²¹³⁹³⁼⁰⁰ **988537.00**

2020-21

Inspection Report For Flood Damage Work

Date:

1. Name of PIU - E.E.R.W.D(W) Mookhara.

2. Name of Block/Road - Amnour : Paige Bazar Near Mahomed Akad k
Debdin to Amnour Mondir

A. For Road

1. Damage Location/ Chainage :- at chain 0.010 km.

2. Damage Length :- 0.103 km.

3. Nature of Damage :- Catty due to flood.

4. Details of Restoration :-

I. Materials being used in restoration : Bricks, local soil.

II. Equipment/Tools being used in restoration works : Roller, Tractor etc -

III. Procedure taken up in Restoration works : Laying & filling of

IV. Restored Length : 0.108 km.

B. For Bridge

1. Damage Location/ Chainage :-

2. Damage Length :-

3. Nature of Damage :-

4. Details of Restoration :-

I. Materials being used in restoration :

II. Equipment/Tools being used in restoration works :

III. Procedure taken up in Restoration works :

IV. Restored Length :

Signature of AE/JE/EE

Signature

(Name of Inspector)

RWD (W) - SONEPUR

ABSTRACT OF COST

Name of Work - Motrable of road from Paiga Bazar Near Mohammad Azad ka
Dukaan to Hnuman Mandir

Block - Amnaur

S.No	Particulars	Amount (In Rs.)
1	Cost of Motrable Work	988537.00
	Total Cost	988537.00

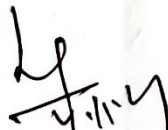
7,21,393/-

7,21,393/-


J.E.

RWD

Amnaur


A.E.

RWD

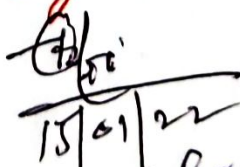
Amnaur


E.E.

RWD

Amnaur

T/S for Rs. 7,21,393/-
(Rupees Seven lakhs. twenty one thousand.
three hundred ninety three) only.


15/01/22
S.E.
Superintending Engineer
Rural (Works) Deptt.
Works Circle, Chapra

Detailed Estimate

Road: Motrable of Road From Paiga Bazar Near Mohammad Azad ka Dukaan to Hanuman Mandir

Bhawan Lal Sharma Azad Ka Dukaan to Hanuman Mandir									
No.	Item	No	Length	Width	Avg.H/D	Qty	Unit	Rate	Amount
1	Providing laying and spreading brick bats in road ditches all complete as per approved design, specification and direction of E/I.	1	21.8	3.9	$\frac{1.00}{1.1}$	93.53	85.02		
		1	22.5	4.1	$\frac{1.05}{1.2}$	110.70	96.86		
		1	19.8	3.75	$\frac{0.65}{0.95}$	70.54	48.26		
		1	21	3.85	$\frac{0.50}{0.95}$	76.81	40.42		
		1	18	3.9	$\frac{0.45}{0.95}$	66.69	31.59		
		Total					$\frac{302.15}{418.27}$	Cum	2300.58
2	Filling and spreading local sand over brick bats as per drawing and technical specification Clause 303.5.9	1	21.8	3.9	0.10	8.51			
		1	22.5	4.1	0.10	9.23			
		1	19.8	3.75	0.10	7.43			
		1	21	3.85	0.10	8.09			
		1	18	3.9	0.10	7.02			
		Total					40.28	Cum	652.27
TOTAL								988537.00	

S. 8/11/21
J.E

RWD
Amnaur

4/11/21
A.E
RWD
Amnaur

721393/-
E.E
RWD
Amnaur

FDR(2021-2022)

प्रतिवेदन

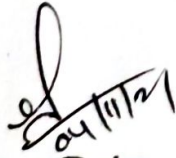
पथ का नाम:- Paige Bazar Near M. L. Road Kadubur to
पथ की लम्बाई:- Hemman Marder.
पथ के क्षतिग्रस्त भाग की लम्बाई:- 0-103
प्रखंड:- Arum जिला :-सारण
प्रमंडल:-ग्रामीण कार्य विभाग कार्य प्रमंडल, मधौरा
अंचल:-ग्रामीण कार्य विभाग कार्य अंचल, छपरा
प्राक्कलित राशि:- 721373/-

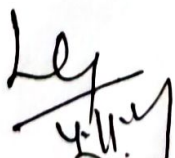
प्रस्तुत प्राक्कलन गत माह जिला क्षेत्र अंतर्गत बाढ़ एवं अतिवृष्टि से क्षतिग्रस्त पथों के मोटेबुल कार्य हेतु कुल रुपये 721373/- लाख मात्र के लिए तैयार किया गया है। विदित है की गत जून

महीने से सितम्बर अक्टूबर महीने तक लगातार अन्तराल पर जिला क्षेत्र अंतर्गत असामयिक रूप से पथ क्रस्ट काफी क्षतिग्रस्त हो गया जिससे पथों पर आवागमन बुरी प्रभावित हो गया। ऐसी परिस्थिति में पथों पर आम जनता को सुलभ आवागमन प्रदान करने हेतु विभागीय उच्चाधिकारियों से प्राप्त आदेश एवं इस संबंध में विभाग से निर्गत दिशा निर्देश के अलोक में तत्काल प्रभाव से प्रभावित पथों में कटाव/क्षतिग्रस्त भाग में अवश्यकतानुसार Brick Bats भरकर चलने लायक बनाया गया है।

इस प्रकार कटाव/क्षतिग्रस्त भाग में अवश्यकतानुसार Brick Bats इत्यादि मर्दों का प्रावधान करते हुए प्राक्कलन कुल रुपये 721373/- लाख का तैयार किया गया है जो कार्य हित में आवश्यक एवं जनपयोगी है।

प्राक्कलन वर्तमान अनुसूचित दर पर तैयार किया गया है, जिस पर स्वीकृति अपेक्षित है।


कनीय अभियंता


सहायक अभियंता


कार्यपालक अभियंता

1.1 RCD	Loading and Unloading of Stone Boulder / Stoneaggregate / sand / kanker / Moorum				
	Placing Tractor at loading point, loading with frontloader,dumping, turnig for return trip,excluding for haulage and return trip.				
	Unit = cum				
	Taking output = 2.25 cum				
	Time required for				
	i) Positioning of Tracter at loading Point		1 Min		
	ii) Loading by front end loader 1cum bucket @ capacity 25 cum per hour		5 Min		
	iii) Maneuvering, reverse, dumping and turnig for return		0 Min		
	iv) Wating time,unforeseen Contingencies etc.		0 Min		
	Total		6 Min		
	a) Labour				
	Mate	Day	0.03	316.00	9.48
	Mazdoor for loading and unloading	Day	0.72	304.00	218.88
	b) Machinery				
	Tractor 3.60 tonnes capacity	hour	0.10	652.00	65.20
	Front end loader 1 cum bucket capacity @ 25 cum/hour	hour	0.08	#####	265.68
	c) Overhead charges @ 0.06 on (a+b)				33.55
	Cost for 2.25 cum = a+b+c+d				592.80
	Cost for 2.25 cum = (a+b+c+d)/2.25				263.47
Note-	Unloading will be done manually.				
1	Suplying for Brick Bats (With OH)				
A	Basic Rate of Brick Bats	Per Cum	#####		1006.00
	Add overhead Charges 6%		0.06		60.36
	Total-				1066.36
	Surface Lead	km	7.00		
	Unsurface Lead	km	1.00		
	Factor(3.6/2.25)	cum	1.60		
B	Carriage (with OH)				
	$(1.6 \times 7 \times 20.48) + (1.6 \times 1 \times 25.59) + 263.47$				533.83
C	Cost of Labour for Pitching and Light Ramming as per WRD SOR 6.6.1 (with OH)				341.36
	Total (A+B+C)-				1941.55
	Add 1% Labour Cess (A+B+C)				19.42
	Add 12% GST(A+B+C)				232.99
	Add 10% cost of Material for seigniorage Fee		1.00	106.64	106.64
	Total Cost per Cum		Rs:-		2300.58

EE RWD

Analysis of Rates (FORMAT F8)

		#REF!	CUM		#REF!
600	Filling and Spreading Local Sand Over Brick Bats As Per Drawing and Technical Specification Clause 305.3.9				
1	Fine Sand Filling				
	Unit = cum				
a)	Labour				
	Mate				
	Mazdoor Unskilled	day	0.01	310.00	3.10
b)	Material	day	0.30	304.00	91.20
	Sand assuming 20% voids				
c)	Overheads @6 % on (a+b)	day	1.20	141.75	170.10
d)	Contractor's profit @ 10% on (a+b+c)				15.86
	Rate per cum = a+b+c+d				28.03
	Carriage cost:-				308.29
	Fine Sand	nos.	1.20	185.01	222.01
	Cost per cum including Carrige				530.30
	Labour cess 1%				5.30
	GST 12%				63.64
	Seignorage 10%				53.03
	TOTAL COST	cum			652.27