

RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

CIRCLE – R.W.D Works Circle, Chapra

DIVISION – R.W.D Works Division, Marhaura

Name of Work - Motrable of road from Kanya Vidyalay to Amnaur Tarraiya
road to Parsuram Gandak Via Gausi Amnaur

Block - Amnaur

Rs-1211264/-
Estimated Cost – Rs-1351536.00

2020-21

FDR(2021-2022)

प्रतिवेदन

पथ का नाम:- Moteseb G Road from Kaniya Vidyalaya to Amroha Town

पथ की लम्बाई:- 1.65 Km

पथ के क्षतिग्रस्त भाग की लम्बाई:-

प्रखंड:- ममरी जिला :-सारण

प्रमंडल:-ग्रामीण कार्य विभाग कार्य प्रमंडल,मदौरा

अंचल:-ग्रामीण कार्य विभाग कार्य अंचल,छपरा

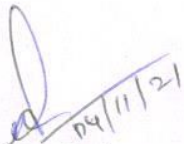
प्राक्कलित राशि:- 1211264 = 00

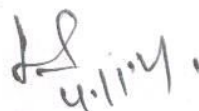
प्रस्तुत प्राक्कलन गत माह जिला क्षेत्र अंतर्गत बाढ़ एवं अतिवृष्टिसे क्षतिग्रस्त पथो के मोटरबुल कार्य हेतु कुल रुपये 1211264/- लाख मात्र के लिए तैयार किया गया है।
विदित है की गत जून

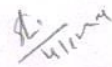
महीने से सितम्बर अक्टूबर महीने तक लगातार अन्तराल पर जिला क्षेत्र अंतर्गत असामयिक रूप से पथ क्रस्ट काफी क्षतिग्रस्त हो गया जिससे पथो पर आवागमन बुरी प्रभावित हो गया। ऐसी परिस्थिति में पथो पर आम जनता को सुलभ आवागमन प्रदान करने हेतु विभागीय उच्चाधिकारियोंसे प्राप्त आदेश एवं इस संबंधमें विभाग से निर्गत दिशा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

इस प्रकार कटाव/क्षतिग्रस्त भाग में अवश्यकतानुसार Brick Bats इत्यादि मदों का प्रावधान करते हुए प्राक्कलन कुल रुपये 1211264/- 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

Inspection Report For Flood Damage Work

Date:

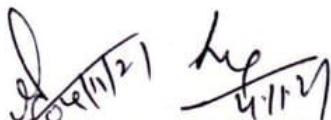
1. Name of PIU - E.E. R.W.D. (W) Mardaula
2. Name of Block/Road - Annuur - Motorable of Road from Kanya Bidyalaya
to Annuur Tariya road to Bussuram and Gondeli via
Gausi Annuur -

A. For Road

1. Damage Location/ Chainage :- 1.00 km to -
2. Damage Length :- 0.207 km.
3. Nature of Damage :- Rain cut also to flood.
4. Details of Restoration :-
I. Materials being used in restoration : Bricks, local sand.
II. Equipment/Tools being used in restoration works : Roller, Tractor, G.C.B, etc..
III. Procedure taken up in Restoration works : Laying, filling and leveling.
IV. Restored Length : 0.055 km.

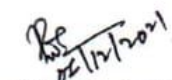
B. For Bridge

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 -

Mottrable of road from Kanya Vidyalay Amnaur Tarraiya
road to Parsuram Gandak Via Gausi Amnaur

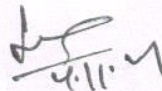
Block - Amnaur

S.No	Particulars	Amount (In Rs.)
1	Cost of Mottrable Work	+351536.00 - 12/1264 = 0
	Total Cost	+351536.00 - 12/1264 = 0.


J.E.

RWD

Amnaur


A.E.

RWD

Amnaur


E.E.

RWD

Marhaura

T/S. for Rs. 12,11,264/- (Rupees twelve lakhs
eleven thousand two hundred sixty four only)


Superintending Engineer
Rural (Works) Deptt.
Works Circle, Chapra

Detailed Estimate

Name Of Road: Motrable of Road From Kanya Vidyalay of Amnaur Tarraiya Road to Parsurampur Gandak Via Gausi Amnaur

Name of Road: Motorable Road									
Sl.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	22.00	4.00 3.00	1.60 1.20	140.80	66.00	✓	
		2	36.00	2.00	1.40	86.40	✓		
		2	32.00	3.10	1.70	138.88	✓		
		2	22.00	2.00	1.80	57.20	✓		
		2	95.00	3.10	0.50-0.25	147.25	✓		
		Total					495.73 570.53	cum	2300.58
2	Filling and spreading local sand over brick bats as per drawing and technical specification Clause 303.5.9	1	22.00	3.00 2.00	0.10	660.80	✓		
		2	36.00	2.00	0.10	7.20	14.40	✓	
		2	32.00	3.10	0.10	0.92	19.84	✓	
		2	22.00	2.00	0.10	4.40	8.80	✓	
		2	95.00	3.10	0.10	29.45	58.90	✓	
		Total					108.54 59.77	cum	652.27
TOTAL								13,51,536.00	
12/12/26									

J.E
RWD
Amnaur

A.E
RWD
Amnaur

E.E
RWD
Marhaura

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 x 7 x 20.48) + (1.6 x 1 x 25.59) + 263.47				533.83
C	Cost of Labour for Pitching and Light Ramming as per WRD SOR 6.6.1 (with OH)				
	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

Analysis for Carriage by Road & Rail

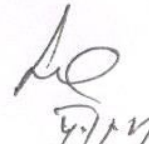
FORM F8

Name of Road:--
District:-

Estimate for Repair of Road Breaches (Damage By Flood) For Motarable Work in Chapra Marhaura Path 2 Se Uttar Tola 2 Tak
Saran
Block :- Marhaura

Sl No	Item with Source	Unit	Source Up to	Carriage Cost & Lead in Km				Loading & Unloading Cost	Carriage Cost by Rail Head	Total `	Min Total `				
				Pucka / Surface		Katcha									
3	Local Sand	Cum	Local	$\frac{8.00}{4.99}$	x 10.10	x 2.00 Km	= Rs 32.38	$\frac{8.00}{4.99}$	x 24.30	x 1.00 Km	= Rs 38.96	113.67			Rs. 185.01


04/11/21
JE
RWD


7.11.21
AE
RWD


EE
RWD

Analysis of Rates (FORMAT F8)

			#REF!	CUM		#REF!
11.2	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	day	0.01	310.00	3.10
		Mazdoor Unskilled	day	0.30	304.00	91.20
	b)	Material				
		Sand assuming 20% voids	day	1.20	141.75	170.10
	c)	Overheads @6 % on (a+b)				15.86
	d)	Contractor's profit @ 10% on (a+b+c)				28.03
		Rate per cum = a+b+c+d				308.29
		Carriage cost:-				
		Fine Sand	nos.	1.20	185.01	222.01
		Cost per cum including Carriage				530.30
		Labour cess 1%				5.30
		GST 12%				63.64
		Seignorage 10%				53.03
		TOTAL COST	cum			652.27