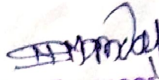


प्रमाणित किया जाता है कि इस
मापी पुस्त में कुल 100 (एक सौ)
पृष्ठ हैं। जो कि सहायक अभियंता
ग्रामीण कार्य विभाग, कार्य अवर
प्रमंडल.....Dhaka.....के
पदनाम से निर्गत किया जाता है।


Executive Engineer
R. W. D. (Works)
Division, Dhaka
16.9.21

K/LA
10/03/21

Sch. XLV - Form No. 134

_____ DIVISION

Dhaka SUB-DIVISION

Measurement Book

No. 1738

Name _____

Date of first entry _____

Date of last entry _____

Inspection Report For Flood Damage Works

Date :-

1. Name of PIUs – Executive Engineer, R.W.D. (W.D.) Motihari
2. Name of Block - Dhaka
3. Name of Road – Karmawa - Barharwa

(A) For Road

1. Damage Location/ Chainage :-
2. Damage Length :- ~~57 M~~ 50 M (Fifty Metres)
Ab. Dhaka
3. Nature of Damage :- Flood & Heavy Rain
4. Details of Restoration Works.
 - (i) Material being used in Restoration Works :- Bricks Bats
 - (ii) Equipments/Tools being used in Restoration Works :-
 - (iii) Procedure taken up in Restoration Works :-
 - (iv) Restored Length :- ~~57 M~~ 50 M (Fifty Metres)
AF, Dhaka

Ans
15/03/22
DE

10/03/22
DE

Signature of Inspecting Officer
(Executive Engineer)
R.W.D., (W.D.) Motihari
15/3/22



ग्रामीण कार्य विभाग

Rural Works Department, Govt. of Bihar

PLAN HEAD-FDR

YEAR 2021-2022

DISTRICT;-EAST CHAMPARAN

BLOCK;-DHAKA

Estimate for Repair of Road breaches (Damaged by Flood)
For Motorability in KARMAWA - BARAHARWA

ESTIMATED COST;-Rs. ~~1415200.00~~

~~1331700.00~~

LENGTH: KM

~~1086900.00~~

~~81781700.00~~

Submitted by:

Executive Engineer

RWD WORKS DIVISION

DHAKA

F.D.R (2021-22)

तकनीकी प्रतिवेदन

पथ का नाम :- करमावा - ५५८२क

प्रमंड का नाम :- हिरा

शीर्ष :- MR 3054

प्राक्कलित राशि :- ~~7689000~~ 14152000 ~~13217000~~ Rs. 10869000
~~-8178,70000~~

अनुरक्षण अवधि :- निर्माण

प्रस्तुत प्राक्कलन करमावा - ५५८२क में अतिवृष्टि / बाढ़ से क्षतिग्रस्त पथांशों यातायात पुनर्स्थापन हेतु तैयार किया गया है जिसकी प्राक्कलित राशि Rs. 14152000 है। प्रस्तुत प्राक्कलन सचिव, ग्रामीण कार्य विभाग, पटना के पत्रांक-1937 दिनांक-07.07.2021 के निर्देशानुसार तैयार किया गया है पथ में अतिवृष्टि/बाढ़ के कारण क्षतिग्रस्त पथांशों में bricks bats से भरने का प्रावधान किया गया है।

प्राक्कलन में दिये गये दर वर्तमान अनुसूचित दर के अनुरूप है।

Keshav
20/11/21

जननीय अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रशाखा 2/10/21

Prakash
20/11/2021

सहायक अभियंता,
ग्रामीण कार्य विभाग,
कार्य अवर प्रमंडल 2/10/21

Prakash
20/11/21

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल 2/10/21

Name of Work:- Estimate for repair of Road breaches (Damage by Flood) for Motorability in Karmawa-Baraharwa

HEAD :- FDR

Length :-

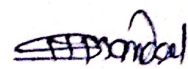
Sl. No.	Name of Road	Unit	Qty	Rate	Amount
1	Labour for laying dry graded jhama khoa Or stone Filter under Brick Pitching in Slope or apron including light ramming etc. aii complete as per approved design. <u>Specification and direction of ... E/I</u>	M3	560.6	1938.89	1086941.00
2	Providing and laying RCC NP3 for culverts On First class bedding of granular material In single/dubal row including fixing collar with <u>CM 1:2 but excluding excavation.... E/I</u>	M	00.00	7297.86	00.00
3	Sand Filled with Approved Materials Seposited at site from road way cutting and excavation from drain and foundation of other strecture graded and compected as per Technical. Specification..... E/I	Bag			

Total (In Rs.) 1086941.00

Say Total :- Rs. 1086900.00

J.E

A.E.


21.11.21
E.E.

Post facto T.S. is accorded for

Rs. 10,86,900.00 (Ten lacs

Eighty six thousand Nine
hundred =) only.

~~8/16/04/2022~~

S.E.

R.W. D W.C

Motihari

ne of Work:- Estimate for repair of Road breaches (Damage by Flood) for

Karmawa-Baraharwa

Appendix – 1

Measurement for surfacing the Breach with Filling

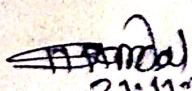
No.	Chainage KM	Length(M)	Avg.Width(M)	Avg.Depth(M)	Quantity(cum)
	0.00 to	5.00	$3.40+7.60/2$	5.20	143.00
		6.00	$3.75+5.25/2$	3.2	86.40
		20.00	$3.10+4.40/2$	2.40	180.00
		5.00	$2.60+3.40/2$	3.60	54.00
		6.00	$2.30+3.70/2$	3.20	57.60
		<u>8.00</u>	<u>$1.80+2.70/2$</u>	<u>2.20</u>	<u>39.60</u>

Total Qty. :-

560.60 M3

J.E

A.E.


21.11.21
E.E.

BRICK BATS PITCHING MANUAL MEANS

6.6.1 WRD Bihar	Labour for laying dry graded Shama Khora or stone filler under Brick Pitching or Battered Pitching in slope or apron including light ramming etc. all complete as per approved design, specifications and direction of E/I.			
	Unit :- Per Cum			
	Taking Output = 2.832 Cum			
	Unskilled Mazdoor	144	3	432.00
	Add 0% Overhead Charges			0
	Rate for 2.832 Cum			432.00
	Rate per Cum (Rs.) -			152.65
1.4 RCD	Cost of Haulage Excluding Loading and Unloading			
	Haulage of materials by Tractor excluding cost of loading, unloading and packing			
	Unit = t km			
	Taking output 3.60 tonnes load and lead 10 km = 36.0 t km			
	(i) Surfaced Road			
	Speed with load : 15 km / hour.			
	Speed while Returning empty : 25 km / hour.			
	a) Machinery.			
	Tractor 3.6 tonne capacity			
	Time taken for onward haulage with load	hour	0.887	432.00
	Time taken for empty return trip.	hour	0.607	288.00
	b) Overhead charges @ 0.00 on (a)			0.00
	c) Contractor's profit @ 0.1 on (a+b)			0.00
	cost for 36 t km = a+b+c			720.00
	Rate per t km = (a+b+c)/36			20.00
	Say Rs. -			20.00
	(ii) Unsurfaced Graveled Road			
	Speed with load: 12 km / hour			
	Speed for empty return trip : 20 km / hour			
	a) Machinery			
	Tractor 3.6 tonnes capacity			
	Time taken for onward haulage with load hour 0.833	hour	0.833	432.00
	Time taken for empty return trip hour 0.500	hour	0.500	288.00
	b) Overhead charges @ 0.05 on (a)			0.00
	c) Contractor's profit @ 0.1 on (a+b)			0.00
	Cost for 36 t km = a+b+c 840.34			840.34
	Rate per t.Km = (a+b+c)/36 23.34			23.34
	Say Rs. -			23.34

1.1 RCD	Loading and Unloading of Stone Boulder/ Stone aggregates/Sand /Kanker/Moorum			
	Placing Tractor at loading point, loading with frontloader, dumping, turning for return trip,			
	Unit = cum			
	Taking output = 2.25 cum			
	Time required for			
	i) Positioning of Tractor at loading point		1 Min	
	ii) Loading by front end loader 1 cum bucket capacity @ 25 cum per hour		5 Min	
	iii) Maneuvering, reversing, dumping and turning for return		0 Min	
	iv) Waiting time, unforeseen contingencies etc		0 Min	
	Total		6 Min	
	a) Labour			
	Mate	day	0.03	321.00
	Mazdoor for loading and unloading	day	0.72	304.00
	b) Machinery			
	Tractor 3.60 tonnes capacity	hour	0.1	612.00
	Front end-loader 1 cum bucket capacity @ 25 cum/hour	hour	0.083	1594.00
	c) Overhead charges @ 0.00 on (a+b)			0.00
	d) Contractor's profit @ 0.1 on (a+b+c)			0.00
	Cost for 2.25 cum = a+b+c+d			422.01
	Rate per cum = (a+b+c+d)/ 2.25			187.56
Note:-	Unloading will be done manually.			
1.	Supplying for Brick Bats (with OH)			
A.	Basic Rate of Brick Bats	Per Cum		987.00
	Add overhed Charges		0%	0.00
	Total -			987.00
	Surface Lead	KM	7	
	Unsurface Lead	KM	1	
	Factor (3.6/2.25)	Cum	1.60	
B.	Carriage (with OH)			
	(1.6 x 7 x 18.14) + (1.6 x 1 x 22.66) + 187.56			426.98
C.	Cost of Labour for Pitching and Light Ramming as per WRD SOR 6.6.1 (with OH)			322.03
	Total (A+B+C) -			1736.01
	Add 1% Labour Cess (A+B+C)			17.36
	Add 12% GST (A+B+C)			208.32
	Add 10% basic rate of material for seigniorage fee		1	987.00
	Total Cost per Cum		Rs.-	2060.40

Sumab
20/11/24
A.E

प्रमाणित किया जाता है कि इस
मापी पुस्त में कुल 100 (एक सौ)
पृष्ठ हैं। जो कि सहायक अभियंता
प्राणीय कार्य विभाग, कार्य अवर,
प्रमंडल.....Dharwad..... के
पदनाम से निर्गत किया जाता है।

~~समस्त~~
कावेपालक अभियन्ता 10/9/21
प्राणीय कार्य विभाग
कार्य प्रमंडल, कर्नाटक
XLV
16/03/21

Sch. XLV - Form No. 134

_____ DIVISION

Dharwad SUB-DIVISION

Measurement Book

No. 1742

Name _____

Date of first entry _____

Date of last entry _____

Name of Work-

Situation of Work-

Agency by which work is executed-

Date of Measurement-

No. and date of agreement

(These four lines should be repeated at the commencement of the measurement relating to each work.

[illegible]

Particulars	Details of actual measurement				Contents of area	
	No.	L.	B.	D.		
		Abstract of cost				
V ₁	P/V	19 hours for laying				
		dry good & theme that				
		under brick bats pitching				
	as per				Est	
		vide Tm B P 1				
560.607 ^B	①	R.	1928.89	1 m ³ B	1086941.0	
				T Rs.	1086941.0	
				Say Rs.	1086900.6	
Subendra Kr				(N)ing		
18-04-22				18-04-22		
J.E				AE		
C&P						
Harmanlal						
18-4-22						
CE						