

अधीक्षण अभियन्ता का कार्यालय
ग्रामीण कार्य विभाग, कार्य अंचल, छपरा।

पत्रांक: ५२५३

छपरा, दिनांक २२-०१-२१

प्रेषक,

अधीक्षण अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य अंचल, छपरा।

सेवा में,

कार्यपालक अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, मधौरा।

विषय :- F.D.R योजनान्तर्गत २ (दो) अदद योजनाओं का प्राक्कलन अनुमोदनोपरान्त लौटाने के संबंध में।

प्रसंग :- आपका पत्रांक १६८ अनु० दिनांक १८.०१.२०२१

महाशय,

उपरोक्त प्रासंगिक विषय के आलोक में F.D.R योजनान्तर्गत २ (दो) अदद योजनाओं का प्राक्कलन अनुमोदनोपरान्त अग्रेतर कारवाई हेतु लौटाया जा रहा है। जो निम्नलिखित है :-

Si No.	Name of Road	Block	Length (In k.M)	Estimated Cost (In Lacs)
1	Motorable of Road From Dewrahi (Sarkari Gachhi) to Agrahar	Taraiya	5.790	5.508
2	Motorable of Diversion of High Level RCC Bridge Near Taraiya Bazar Over Khadara River		60.00	15,254

अनु०:- DPR एक-एक प्रति में।

विश्वासभाजन

अधीक्षण अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य अंचल, छपरा।

२२.१.२०२१



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

Works Division-Marhaura

FDR

(2020-2021)

NAME OF WORK	Motorable of Road From Dewrahi (Sarkari Gachhi) To Agrahar		
DISTRIC	Saran		
BLOCK	Taraiya		
LENGTH OF ROAD	5.790	KM	
ESTIMATED COST	5.508	Lac	

Inspection Report for Flood Damage Work

Date:

1. Name of PIUs - EE RWD WORKS DIVISION MASHAMRA
2. Name of Block/Road - Motorable of Road from Dewoahi (Sarkari) (Nachi) To Aggarahapur

A. For Road

1. Damage Location/Chainage : 1000-1500, 2000-2500 KM
2. Damage Length :
3. Nature of Damage :
4. Details of Restoration Works :
 - i. Material being used in Restoration works : Brick Bats
 - ii. Equipments/Tools being used in Restoration works: JCB, Tractor, Trally Roller etc
 - iii. Procedure taken up in Restoration works :
 - iv. Restored Length :

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 :

C. Requirement of new CD/Bridge

- i. Name of Road :
- ii. Location/Chainage :
- iii. Type of CD work/Length required :

- Upload one Photograph of damaged portion if available
- Attach minimum two photograph (during restoration & after restoration) photographs should be Geotags and at least one photo be captured in selfie mode.

Signature of JE/AE/EE

Signature of JE/AE/EE

Signature

(Name of Inspector)

प्रतिवेदन

कार्य का नाम :- motarable of Road from Dewrahi (Sarkani Machi)
शीर्ष :- FDR To Agsahar
प्राक्कलित राशि:- 5 790 Laes
प्रखण्ड का नाम:- Tarsahiya. जिला-सारण।

प्रस्तुत प्राक्कलन शीर्ष PMGSY/MMGSY/GTSNY/NABARD/MR-3054 अर्तगत निर्मित/निर्माणाधीन पथ के गत महीने में इस जिला में आये बाढ़/अतिवृष्टि के कारण क्षतिग्रस्त हुए पथों को चलने लायक (Motarable) बनाने हेतु विभागीय दिशा-निर्देशानुसार कार्यपालक अभियंता, ग्रा0का0वि0, कार्य प्रमंडल मढ़ौरा के दिशा-निर्देशन में कुल रु0 5 790 Laes के लिए तैयार किया गया है।

आवश्यकतानुसार तत्काल प्रभाव से पथों को चलने लायक बनाने हेतु प्राक्कलन में Bricks Bats, Sand Bag, Hume-Pipe इत्यादी का प्रावधान आवश्यक लम्बाई, चौड़ाई एवं मोटाई में प्राक्कलन के अनुसार प्रावधान किया गया है।

योजना एवं कार्य की महत्ता के साथ-साथ जनहित के लिए अतिउपयोगी प्राक्कलन को कार्यहित में स्वीकृति हेतु प्रस्तुत किया जा रहा है।

4/12/2020
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~~4/12/2020~~
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कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, मढ़ौरा।

FDR

GENERAL ABSTRACT OF COST

Block:- Taraiya *

District:- Saran

Length of Road:--

Name of Road:--

Motorable of Road From Dewrahi (Sarkari Gachhi) To Agrahar

SL. No.	Amount
A ESTIMATED COST	
	5.508 Lacs
TOTAL	5.508 Lacs

[Signature]

4.12.2020

Junior Engineer

[Signature]

Asstt. Engineer

[Signature]

Executive Engineer

SE
RWD

T.A for Rs 5.508 Lacs (Five lacs fifty thousand eight hundred and eight)

[Signature]

अधीक्षण अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल, छपरा

Name of Road :-	Motorable of Road From Dewrahi (Sarkari Gachhi) To Agrahar			Block:-	Taraiya
Sl. No.	Description	UNIT	QUANTITY	RATE	AMOUNT (in Rs.)
1	Providing Brick Bats				
	Providing brick bats including spreading laying, Labour for dry graded jhama khoa folter under Brick Pitching or boulder pitching in slope or apron including light ramming etc. All complete job as per approved design specification and direction of E/I, including carriage cost of bricks.				
	Quantity As Per Annexure-1	CUM	255.75	2153.51	550758.99
				TOTAL COST =	5,50,758.99

[Signature]
4.12.2020

JE
RWD

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4.12.20

AE
RWD

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4.12.20

EE
RWD

ANNEXTURE-1

Motorable of Road From Dewrahi (Sarkari Gachhi) To Agrahar

Block:- Taraiya

No.	Description	Nos.	LENGTH (m)	WIDTH (m)	HEIGHT (m)	UNIT	QUANTITY
1	CH- 1000 To 1500 M	1	6.00	5.00	1.00	CUM	30.00 m3
2	"	2	10.00	1.50	1.00	CUM	30.00 m3
3	"	1	15.00	3.75	0.30	CUM	16.88 m3
4	CH- 1000 To 1500 M	1	40.00	3.75	0.30	CUM	45.00 m3
5	"	1	25.00	3.75	0.30	CUM	28.13 m3
6	"	2	10.00	3.75	0.45	CUM	33.75 m3
7	CH- 2000 To 2500 M	1	20.00	5.00	0.60	CUM	60.00 m3
8	CH- 3000 M	1	4.00	5.00	0.60	CUM	12.00 m3
TOTAL QUANTITY =							255.75 m3

4.12.2020

12.20

EE
RWD

Brick Bats Pitching Manual Means

Sl. No	DESCRIPTION	Unit	Quantity	Rate	Amount in Rs
B.6.1 WRD Bihar	Labour for dry graded jhama khoa folter under Brick Pitching or boulder pitching in slope or apron including light ramming etc. All complete as per approved design specification and direction of E/I.				
	Unit - Per Cum				
	Taking Output = 2.832 Cum				
	Unskilled Mazdoor				
	Add 6% Overhead Charge	Nos.	3	287.00	861.00
	Rate for 2.832 Cum				51.66
	Rate Per Cum (Rs.) =				912.66
					322.27
RCD	Cost of haulage Excluding Loading and Unloading				
	Haulage of Materials By Tractor Excluding Cost Of loading, unloading and stacking				
	Unit - t.km				
	Taking output 3.60 tonnes load and lead 10 km = 36.0 t.km				
	(i) Surface Road				
	Speed With load : 15 km / hour.				
	a) Machinery.				
	Tractor 3.6 tonnes Capacity				
	Time Taken For onward haulage with load	hour	0.667	549.10	366.25
	Time Taken For empty return trip	hour	0.400	549.10	219.64
	b) Overhead Charges @ 0.06 on (a)				
	Cost for 36 t km = (a+b+c)/36				
	Say RS.-				
					17.25
	ii) Unsurface Gravel 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	549.10	457.40
	Time Taken For empty return trip 0.50	hour	0.500	549.10	274.55
	b) Overhead Charges @ 0.06 on (a)				
	Cost for 36 t km = (a+b+c)/840.34				
	Rate per t.km = (a+b+c)/3623.34				
	Say RS.-				
					21.55

1.1 RCD	Loading and Unloading of Stone Boulder / Stone aggregate / sand / kanker / Moorum			
	Placing Tractor at loading point, loading with front loader, 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			
	ii) Loading by front end loader 1cum bucket @ capacity 25 cum per hour	1 Min		
	iii) Maneuvering, reverse, dumping and turnig for return	5 Min		
	iv) Wating time, unforeseen Contingencies etc.	0 Min		
	Total	0 Min		
	a) Labour	6 Min		
	Mate			
	Mazdoor for loading and unloading	Day	0.03	305.00
	b) Machinery	Day	0.72	287.00
	Tractor 3.60 tonnes capacity	hour	0.10	549.10
	Front end loader 1 cum bucket capacity @ 25 cum/hour	hour	0.08	1403.00
	c) Overhead charges @ 0.06 on (a+b)			23.23
	Cost for 2.25 cum = a+b+c+d			410.38
	Cost for 2.25 cum = (a+b+c+d)/2.25			182.39
Note-	Unloading will be done manually.			
1	Suplying for Brick Bats (With OH)			
A	Basic Rate of Brick Bats	Per Cum	1017.00	1017.00
	Add overhead Charges 6%	0.06		61.02
	Total-			1078.02
	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 17.25) + (1.6 x 1 x 21.55) + 182.39			410.07
C	Cost of Labour for Pitching and Light Ramming as per WRD SOR 6.6.1 (with OH)			322.27
	Total (A+B+C)-			1810.36
	Add 1% Labour Cess (A+B+C)			18.10
	Add 12% GST(A+B+C)			217.24
	Add 10% cost of Material for seigniorage Fee	1.00	107.80	107.80
	Total Cost per Cum	Rs.-		2153.51