ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

Works Division-Marhaura

FDR

(2020-2021)

NAME OF WORK	Motorable of Road From Baghi (Sital Basti) To Chakiya.		
DISTRIC	Saran		
BLOCK	Taraiya		
LENGTH OF ROAD	7.789	KM	
ESTIMATED COST	4.307	Lac	

Inspection Report for Flood Damage Work

Date:

1. Name of PIUs –

2. Name of Block/Road – *Tharaiya*

A. For Road *Bajorh (Steel Basti) To chakiya*

1. Damage Location/Chainage :
2. Damage Length : *0-020 km*
3. Nature of Damage : *Flood damaged*
4. Details of Restoration Works :
   i. Material being used in Restoration works : *snell Belts*
   ii. Equipments/Tools being used in Restoration works:
   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.

21.1.2024
31.01.2021
Signature of JE/AE/EE

Signature

(Name of Inspector)

प्रतिवेदन

कार्य का नाम :–बगही (शितल बस्ती) से चकिया पथ।

शीर्ष :– FDR

प्राक्कलित राशि:– 4.307 लाख।

प्रखण्ड का नामः– तरैया। 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 4.30700 लाख 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।

कनीय अभियंता, सहायक अभियंता कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, मढ़ौरा।

FDR

GENERAL ABSTRACT OF COST

Block:-- Taraiya

Distric:- Saran

Length of Road:-- 7.789 KM

Name of Road:-- Motorable of Road From Baghi (Sital Basti) To Chakiya.

SL. No.		Amount
A	ESTIMATED COST	: 4.307 Lacs
	TOTAL	: 4.307 Lacs

*Technically approved fr ₹ 430700.₩ (Rupees
Four Lakh Thirty thousand seven hundred) only*
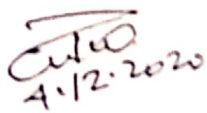
Junior Engineer
4.12.2020

Asstt. Engineer

Executive Engineer

SE
RWD

*Technically Sanctioned for Rs. 4.307 Lacs (
Rupees four lacs thirty thousand seven
hundred only.)*
28.1.21
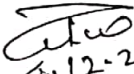
Name Of Road :-	Motorable of Road From Baghi (Sital Basti) To Chakiya.			Block:-	Taraiya
Sl. No.	**Description**	**UNIT**	**QUANTITY**	**RATE**	**AMOUNT (in Rs.)**
1	**Providing Brick Bats**				
·	Providing brick bats including spreading laying,Labour for dry graded jhama khoa folter under Brick Pitching or boulder pitching in slope or apron including light ramming etc. All complete job as per approved design specification and directionof E/I,including carriage cost of bricks.				
	Quantity As Per Annexture-1	CUM	200.00	2153.51	430701.07
				TOTAL COST =	4,30,701.07

4.12.2020

JE
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AE 12.20

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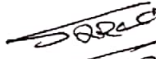
ANNEXTURE-1
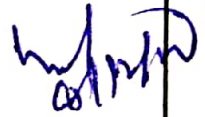
Name Of Road :- Motorable of Road From Baghi (Sital Basti) To Chakiya.							Block:- Taraiya
Sl. No.	Description	Nos.	LENGTH (m)	WIDTH (m)	HEIGHT (m)	UNIT	QUANTITY
1	CH- 3000 m	1	20.00	5.00	2.00	CUM	200.00 m3
						TOTAL QUANTITY =	200.00 m3

4.12.2020
JE
RWD

04.12.20
RWD

EE
RWD

Sl. No.	SDB Sl. No.	MORD Ref No.	DESCRIPTION	Unit	Quantity	Rate	Amount in Rs
28 (I)	9.30	1100	**Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Row** Providing and laying reinforced cement concrete pipe NP3 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets Clause 1106.				
		A.	**600 MM DIA**				
			Unit =m				
			Taking output =7.5 m				
			(3 pipes of 2.5 m length each)				
			a) Material				
			I) Sand at site	cum	0.02	159.46	3.83
			ii) Cement at site	ton	0.02	5543.74	99.79
			iii) RCC pipe NP 3 pipe including collar at site	m	7.50	2283.71	17127.83
			b) Labour				
			Mate	day	0.04	305.00	12.20
			Mason (1st class)	day	0.12	388.00	46.56
			Mazdoor (Unskilled)	day	0.96	287.00	275.52
			c)Overheads @6 % on (a+b)				1053.94
			d)Contractor's profit @ 10% on (a+b+c)				1861.97
			Cost for 7.5m = (a+b+c)				20481.63
			Rate per m =(a+b+c)/7.5				2730.88
			Labour Cess 1%				27.31
			GST 12%				327.71
			Seigniorage Fee 10%				273.09
			Total Cost	**M**			**3358.99**
29 (II)	9.30	1100	**Providing and Laying Reinforced Cement Concrete Pipe NP4 as per design in Single Row** Providing and laying reinforced cement concrete pipe NP3 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets Clause 1106.				
		B.	**1000 MM DIA**				
			Unit =m				
			Taking output =7.5 m				
			(3 pipes of 2.5 m length each)				
			a) Material				
			I) Sand at site	cum	0.04	159.46	6.38
			ii) Cement at site	ton	0.03	5543.74	166.31
			iii) RCC pipe NP 3 pipe including collar at site	m	7.50	2758.22	20686.65
			b) Labour				
			Mate	day	0.09	305.00	27.45
			Mason (1st class)	day	0.25	388.00	97.00
			Mazdoor (Unskilled)	day	2.00	287.00	574.00
			c)Overheads @6 % on (a+b)				1293.47
			d)Contractor's profit @ 10% on (a+b+c)				2285.13
			Cost for 7.5m = (a+b+c+d)				22851.26
			Rate per m =(a+b+c+d)/7.5				3046.83
			Carrige cost:-				
			Sand at site	cum	0.01	347.31	1.85
			Cement at site	ton	0.00	397.74	1.59
			RCC pipe NP3 concrete pipe including collar at site	m	1.00	557.86	557.86
			Rate per cum including Carrige				3608.14
			Labour Cess 1%				36.08
			GST 12%				432.98
			Seigniorage Fee 10%				360.81
			Total Cost	**m**			**4438.01**