

कार्यपालक अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य प्रमंडल, मधुबनी।

पत्रांक:- 1286 3153

दिनांक:- 28.05.2021

प्रेषक,

कार्यपालक अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, मधुबनी

सेवा में,

अधीक्षण अभियंता
ग्रामीण कार्य विभाग,
कार्य अंचल, दरभंगा।

विषय:-

ग्रामीण कार्य विभाग, कार्य प्रमंडल, दरभंगा-2 के अधीन केवटी प्रखंड में वर्ष 2020 में बाढ़/अतिवृष्टि से क्षतिग्रस्त 10 पथों/पुलों में कराये गये पुर्नस्थापन कार्य से संबंधित पथों का प्राक्कलन के संबंध में।

प्रासंग:-

भवदीय का झापाक-872 दिनांक-10.04.2021

महाराज,

उपरोक्त विषयक प्रासंगिक पत्र से प्राप्त यातायात पुर्नस्थापन के निम्नांकित प्राक्कलन को गठित

जॉच दल द्वारा जॉचोपरान्त आवश्यक कार्रवाई हेतु सभिर्पित की जाती है। विवरणी निम्न प्रकार है:-

Sl No	Block	Name of Road	Length (KM)	Qty. (Brick Bats) (M3)	Remarks
1	Keoti	T04 Asrafpur (Milki) to Mohanmnapur	4.450	182.390	
2	Keoti	Kyam Chak to Dhaniyanaha	0.825	1590.500	
3	Keoti	Pindaruch to Kothiya Ghat	2.500	405.000	
4	Keoti	Jalwara to Kothiya Road	2.500	470.440	
5	Keoti	NH 105 Pathara to Khirama Bazar	0.350	38.150	
6	Keoti	REO road to Chandhi	2.850	95.000	
7	Keoti	L058 PMGSY Md. Dani to Bajitpur	5.200	75.000	
8	Keoti	NH 105 Dome to Shiso	8.000	171.120	
9	Keoti	REO Road Khirma to Sadik Muslim tola	1.165	173.370	
10	Keoti	Bariol to Kahariya	2.400	328.370	
Total:			30.240	3529.340	

अनु०:- यथोक्त

विश्वासभाजन

कार्यपालक अभियंता,

ग्रामीण कार्य विभाग, कार्य प्रमंडल, मधुबनी।

Detailed Estimate of Flood Damaged Road

Name of Division:- Darbhanga-2
 Name of Work:- Pindaruch to Kothiya Ghat
 Name of Scheme:- FDR 2020 1st Phase
 length(in Km):- 2.5 km

Block:- Keoti
 District:- Darbhanga

1	Labour For Cutting 62 mm to 75 mm dia Bamboo pile to size and making Shoes and Driving etc complete job as per specification and direction of E/I	
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Details of Actual Measurement	Quantity
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Chainage at 650m
 Near River
 Total length of protection=
 C/C distance of piles=
 Say Nos of Piles=
 Total Length of pile=
 driving depth each pile=
 Total driving depth=

35 m
 0.3 m
 118 Nos
 472 m
 2 m
 118x2
 236 m

2	Labour For 62 mm to 75 mm dia Bamboo runners in position at every vertical pile with 150mm long nails or 38 SWG G.I wire including cost of G.I.wire etc all complete Job	
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Details of Actual Measurement	Quantity
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Runner=
 Labour For fitting and fixing split bamboo woven chachri in position with 20 SWG G.I wire or 75mm to 100 mm Long Nails alternatively etc all complete job.
 Total

3rowx 35m
 105 m
 1x35mx2.0m
 70 m²

Details of Actual Measurement	Quantity
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4	Supplying 62 to 75mm dia Bamboo with loading unloading, carriage up to work site etc all complete job	
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Details of Actual Measurement	Quantity
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Total length of Bamboo vide item (1)=
 Total length of Bamboo vide item (2)=
 total length=

bamboo 6m to 8m long
 472 m
 105 m
 577 m

Total Nos of Bamboo=
vide item(3)

577m/6m

96 Nos
70 m²

Nos Of Bamboo

For Chachri @ 1.0 Nos Bamboo for 1m² Chachri

70/1.0

Total Nos of Bamboo 6m long=

70 Nos
166 Nos

5

Labour for filling E.C bags with Local sand, stitching the Bags and Placing in Proper position etc all complete job

Details of Actual Measurement					Quantity(m ³)
No.	Length(m)	Breadth(average)(m)	Depth(average)(m)		
1	35.00	2.50	3.0	5.00	437.500
1	35.00	2.00	3.00	0.50	52.500
1	35.00	2.50	4.00	3.0	210.000
Total					700.000

Nos of EC bags

$$405 \text{ M}^3 \div 2000 \text{ m}^3 / 0.034 \text{ m}^3 = 11912.105$$

Total

$$700.000 + 405 \text{ m}^3 = 11912.105 \text{ Nos}$$

Junior Engineer

Asstt. Engineer

Executive Engineer

Abstract of Cost

NAME OF SCHEME :

FDR 2020 1st Phase

NAME OF ROAD :

Pindaruch to Kothiya Ghat

DISTRICT

Darbhanga

BLOCK

Keoti

DIVISION

Darbhanga-2

LENGTH OF ROAD

2.5 km

SI. No.	DESCRIPTION	AMOUNT
1	TOTAL LABOUR COST FOR DRIVING (Total quantity 236.0m @ RATE Rs 27.94/m)	₹ 6,593.84
	ADD GST @ 12 %	₹ 791.26
	ADD LABOUR CESS @ 1 %	₹ 65.94
2	TOTAL LABOUR COST OF RUNNER (Total quantity 105.0m @ RATE Rs 4.96/m)	₹ 520.80
	ADD GST @ 12 %	₹ 62.50
	ADD LABOUR CESS @ 1 %	₹ 5.21
3	TOTAL LABOUR COST OF CHACHRI (Total quantity 70.0m @ RATE Rs 73.60/m ²)	₹ 5,152.00
	ADD GST @ 12 %	₹ 618.24
	ADD LABOUR CESS @ 1 %	₹ 51.52
4	TOTAL COST OF SUPPLYING BAMBOO (Total quantity 166 Nos @ RATE Rs 158.44/B)	₹ 26,327.45
	ADD GST @ 12 %	₹ 3,159.29
	ADD LABOUR CESS @ 1 %	₹ 263.27
	TOTAL COST	₹ 43,611.32
	TOTAL COST OF EC Bags (Total quantity 2058.0Nos @ RATE Rs 25.11)	₹ 5,16,964.68
	ADD GST @ 12 %	₹ 62,035.76
	ADD LABOUR CESS @ 1 %	₹ 5,169.65
	ADD SEIGNIORAGE FEE (Total quantity 7000 x Rs 141.85.00) x 10%	₹ 9,929.50
	TOTAL EC BAG COST	₹ 5,94,099.59
	GRAND TOTAL	₹ 6,37,710.91

₹ 3,45 = 00
₹ 2,901 = 00
₹ 35,893 = 00
₹ 2,99,110 = 00

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Detailed Estimate of Flood Damaged Road

Name of Division:-
Name of Work:-
Name of Scheme:-
Length(In Km):-

Darbhanga-2
Pindaruch to Kothiya Ghat
FDR 2020 2nd Phase
2.5 km

Block:- Keoti
District:- Darbhanga

1	MORD	Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom				
Particulars		Details of Actual Measurement				Quantity(m³)
		No.	Length(m)	Breadth(average)(m)	Depth(average)(m)	
1		1	44.00	(3.0+12.0)/2	(6.5+8.5)/2	2475.000
1		1	33.00	3.50	1.50	173.250
Total						2648.250 ✓

2		Labour for filling E.C bags with Local sand, stitching the Bags and Placing in Proper position etc all complete job				
Particulars	Details of Actual Measurement				Quantity(m³)	
	No.	Length(m)	Breadth(average)(m)	Depth(average)(m)		
L/S	1	44.00	(3.0+5.0)/2	3.00	528.000	
R/S	1	28.50	(2.5+1.5)/2	1.50	85.500	
	2	5.00	2.00	1.50	30.000	
Total					643.500	
Nos of EC bags					18926	
643.50 m³/0.034m³					No	

3	6.61 WRD BIHAR	Providing and laying of Bricks bats with carriage by tractor loading with front end loader with light ramming etc all complete job				
		Particulars				
		Details of Actual Measurement				Quantity(m³)
No.	Length(m)	Breadth(average)(m)	Depth(average)(m)			
1	44.00	3.00	1.00	132.000		
Total				132.000	m³	

Junior Engineer

Asstt. Engineer

Executive Engineer

NAME OF SCHEME :	NAME OF ROAD :	DISTRICT	BLOCK	DIVISION	LENGTH OF ROAD
<u>FDR 2020 2nd Phase</u>	Pindaruch to Kothiya Ghat	Darbhanga	Keoti	Darbhanga-2	2.5 km

Sl. No.	DESCRIPTION	AMOUNT
	RESTORATION WORK	3,87,350.00
1	TOTAL COST OF EARTHWORK (Total quantity 2648.25 m ³ @ RATE Rs 68.7)	₹ 1,81,934.78
	ADD GST @ 12 %	₹ 21,832.17
	ADD LABOUR CESS @ 1 %	₹ 1,819.35
	ADD SEIGNIORANGE FEE((Total quantity 2648.25 x Rs 34.81) x 10%)	₹ 9,218.56
	TOTAL EARTH WORK COST	₹ 2,14,804.85
2	TOTAL COST OF EC Bags (Total quantity 18926.0Nos @ RATE Rs 25.11)	₹ 4,75,231.86
	ADD GST @ 12 %	₹ 57,027.82
	ADD LABOUR CESS @ 1 %	₹ 4,752.32
	ADD SEIGNIORANGE FEE((Total quantity 643.5 x Rs 141.85.00) x 10%)	₹ 9,128.05
	TOTAL EC BAG COST	₹ 5,46,140.05
3	TOTAL COST OF BRICK BATS (Total quantity 132.0 m ³ @ RATE Rs 1867.76)	₹ 2,46,544.32
	ADD GST @ 12 %	₹ 29,585.32
	ADD LABOUR CESS @ 1 %	₹ 2,465.44
	ADD SEIGNIORANGE FEE((Total quantity 132.0 x Rs 1063.00) x 10%)	₹ 14,031.60
	TOTAL BRICK BATS COST	₹ 2,92,626.68
	GRAND TOTAL	₹ 10,53,571.58
		₹ 14,40,821.58

17-1-21
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[illegible]

Superintending Engineer
RWD, Works Circle, Darbhanga.
21.06.21
01/06/2021