

RURAL WORKS DEPARTMENT

GOVT OF BIHAR



NAME OF WORKS :- Rampur Kabargah Tola to Trisuliya PMGSY
Road

BLOCK :- ARARIA

FDR
Phase-I
6,65,956

YEAR(2024-25)

R.W.D., WORKS CIRCLE, KISHANGANJ

R.W.D., WORKS DIVISION, ARARIA

प्रतिवेदन

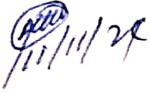
Rampur Kabargah Tola to Trisuliya PMGSY Road

पथ का नाम :-

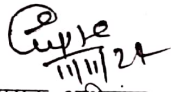
कार्य का नाम :- Rampur Kabargah Tola to Trisuliya PMGSY Road

में बाढ़ से क्षतिग्रस्त भाग में यातायात चालू करने का कार्य।

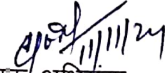
संलग्न प्राक्कलन 2024 को प्रखण्ड में आयी भीषण बाढ़ से क्षतिग्रस्त पथ
..... में बाढ़ क्षतिग्रस्त मरम्मति मद से यातायात चालू करने हेतु तैयार किया गया है जिसकी
प्राक्कलित लागत Six lakh fifty five thousand Nine hundred and fifty
का निर्माण योनान्तर्गत हुआ है एवं योजना अनुरक्षण अवधि में
पथ के कटे (क्षतिग्रस्त) भाग में आवश्यकता अनुसार Hume Pipe, Bamboo, लोकल बालू एवं
Brick Bats देने के बाद यातायात चालू कराया गया है। पथ के विभिन्न हिस्से में कराये गये कार्य
का विवरणी स्पष्ट रूप से प्राक्कलन में दर्शाया गया है।
प्राक्कलन मदों का दर वर्तमान अनुसूचित दर के अनुरूप है।



कनीय अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रशाखा, Araria



सहायक अभियंता,
ग्रामीण कार्य विभाग,
कार्य अवर प्रमण्डल, Araria



कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल, Araria

SUMMARY OF COST ESTIMATE FOR THE PROJECT		
NAME OF ROAD :-	Rampur Kabargah Tola to Trisullya PMGSY Road	
DISTRICT :-	ARARIA	
BLOCK :-	ARARIA	
Length of Road:-	0.00KM	
Length of Cutting In mtr :-	50.000	
Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	Filling of local sand	418044.59
2	Labour for cutting 62mm to 75mm dia bamboo	36899.20
3	Labour for fitting 62mm to 75mm dia bamboo	7190.00
4	Labour for filling empty cement bags with local sand Nylon crate	0.00
5	Supplying of EC bag, of local sand	24084.28
6	Supply and Carriage of brick bats	164737.56
7	Supply, laying and carriage of 1000 mm HPC	0.00
8	Drone Videography Charj Three times	15000.00
	SUB TOTAL COST =	665955.63
	TOTAL (RS.) =	6,65,956

J.E

A.E

E.E

S.E

Technically ~~sanctioned~~ ^{Approved} for Rs 6,65,956.00
 (Rupees six lakh sixty five thousand nine hundred and fifty six only).

Superintending Engineer
 RWD Work Circle
 Kishanganj

Bill of Quantity					
NAME OF ROAD :-		Rampur Kabargah Tola to Trisuliya PMGSY Road			
DISTRICT :-		ARARIA			
BLOCK :-		ARARIA			
Sl. No.	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
1	Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-charge	328.45	CUM	1272.78	418044.59
3	Labour for cutting 62 mm to 75mm dia bamboo piles to size and making shoes & driving by jet machine etc. all complete job as per specification & direction of Engineer-in-charge.	533.33	MTR	69.19	36899.20
4	Labour for fitting & fixing 62 mm to 75 mm dia bamboo runners in position at every vertical pile with 150 mm long nails or 38 swg G.I wire including cost of G.I wire or nails etc all complete job as per specification & direction of Engineer-in-charge.	200.00	MTR	35.95	7190.00
5	Labour for fitting empty cement bags with local sand, stitching the bags and placing in Nylon crate of size (1 m X 1 m X 1 m)with lead of 150 M including supply of sutli etc. at site in dry portion all complete as per approved design, specification and direction of E/I	0.00	Each	1151.80	0.00
6	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.	431.00	Each	55.88	24084.28
7	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	59.71	CUM	2759.12	164737.56
8	Supplying and carriage of hume pipe 1000 mm dia , all complete job.	0.00	RM	7385.85	0.00
A) SUB TOTAL =					650955.63
TOTAL COST =					650956

J.E

A.E

E.E



ESTIMATE FOR REPAIRING / RESTORATION/ MAKING MOTORABLE ROADS DAMAGED DURING FLOOD

NAME OF ROAD :-		Rampur Kabargah Tola to Trisuliya PMGSY Road									
DISTRICT :-		ARARIA									
BLOCK :-		ARARIA									
Length of Cutting:-		38.00 mtr									
Sl. No.	DESCRIPTION OF ITEMS	Unit	Nos.	L(m)	B(m)	D(m)	QUANTITY	RATE (Rs.)	AMOUNT (Rs.)		
1	Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-charge										
	At ch:-300 m	cum	1	18.00	(6.5+6.5+5.5)/3	(1.95+2.85+0.25)/3	186.85				
	At ch:-600 m	cum	1	20.00	(6.25+5.95+5.5)/3	(0.05+2.5+1.05)/3	141.60				
	Deduction for H.P 1000MM dia (1 23 x 1 23)=1.52	cum	0	0.79	1.52	7.50	0.00				
		cum					328.450	1,272.78	418044.59		
1	Labour for cutting 62 mm to 75mm dia bamboo piles to size and making shoes & driving by jet machine etc. all complete job as per specification & direction of Engineer- in -charge.										
	At ch:-600 m		2	20/0.3	4.00		533.33				
		Mtr.					533.33	69.19	36,899.20		

2	Labour for fitting & fixing 62 mm to 75 mm dia bamboo runners in position at every vertical pile with 150 mm long nails or 38 swg G.I wire including cost of G.I wire or nails etc all complete job as per specification & direction of Engineer-in-charge.										
	At ch:-600 m		2	20.00	2.5/0.5			200.00			
		Mtr.	total qty :-					200.00	35.95	7190.00	
3	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.										
	At ch:-600 m	cum	2	20.00	(0.4+0.4)/2	(0.75+0.95+1.05)/3		14.67			
	Total No of E C Bags(0.034cum=100Bags)			14.67	/	0.034		431.00			
		Each	Say No of Bage :-					431.00	55.88	24084.280	
4	Providing laying & filling Geo bags of size 1m X 0.700m (Type A) 300 GSM nonwoven) weight 420 gm volume of filled bag 0.070 cum Weight of filled Geo bag 126 kg with local sand including stitching in four lines by approved Nylon thread with Staching machine and generator, stacking and placing after loading, Unloading and carriage with the help of Trolley within 150 mtr. lead and all complete as per specification and direction of E/I.										
	At ch:-1.700km	cum	0	18.00	4.50	2.73		0.00			
	(0.07m3=1 no. of Geo Bags)			0.00	/	0.07		0.00			
	Each								0.00	332.74	0.000

FINAL RATE UNDER WORKS CIRCLE KISHANGANJ

S.No	Discription of Item	Unit	Final Rate (Excluding GST, Seigniorage & L.Cess)	Final Rate (Including GST, Seigniorage & L.Cess)	S.F. Per Cum / Per Bag BAG
1	EARTH WORK	CUM	459.003	549.740	3.530
2	BRICK BAT	CUM	2209.576	2759.115	129.720
3	G.S.B	CUM	4328.501	5172.300	21.380
4	SAND BAG (Cement Bag)	Each	46.550	55.880	0.490
5	BAMBOO PILE	Per Mtr.	58.140	69.186	
6	BAMBOO CHACHRI	Per Mtr.	302.258	359.690	
7	BAMBOO RUNNER	Per Mtr.	30.210	35.950	
8	HUME PIPE (1000 mm Div)	Per Mtr.	6206.598	7385.850	
9	HUME PIPE (600 mm Div)	Per Mtr.	2492.260	2965.790	
10	STEEL DRUM SHEET	Per Sqr.Mtr.	215.352	256.270	
11	GEO BAG WITH SAND	EACH	967.490	1152.320	1.010
12	EACH N.C. BAG WITH SAND (Cement Bag)	Each E.C	967.490	1151.800	0.490
13	LOCAL SAND	CUM	721.110	1272.780	0.490

Junior Engineer

Assistant Engineer

Excutive Engineer

Superintending Engineer
Rural Works Department
Works Circle Kishanganj

