

RURAL WORKS DEPARTMENT GOVT OF BIHAR



Name Of Work : Govindpur Chahi To Birjain

DISTRICT : SAHARSA

DIVISION : SAHARSA

BLOCK : NAUHATTA

HEAD : F.D.R.

Total Length of Road	-	7.63KM
Flood affected length of Road	-	531.5m
Total Project Cost	-	Rs. 11645477.00

Year - 2024-25

NAME OF CIRCLE - R.W.D., WORKS CIRCLE, SAHARSA

NAME OF DIVISION - R.W.D., (W) DIVISION, SAHARSA

प्रतिवेदन

पथ का नाम	:- Govindpur Chahi To Birjain
पथ की लंबाई	:- 7.63 KM
बाढ़ से क्षतिग्रस्त भाग	:- 531.5 m
प्राक्कलित राशि	:- Rs 11645477
कार्य प्रमंडल	:- सहरसा
कार्य अंचल	:- सहरसा
योजना शीर्ष	:- FDR
योजना वर्ष	:- 2024 - 25

प्रस्तुत प्राक्कलन कार्य प्रमंडल, सहरसा अंतर्गत महिषी प्रखंड में 2024-25 में आई भीषण बाढ़ से क्षतिग्रस्त पथ में मरम्मत मद से यातायात चालू करने हेतु अस्थायी पुनर्स्थापन के अंतर्गत कराये गये कार्य के लिये तैयार किया गया है। पथ में चैनेज -0.700 से 5.86 कि०मी० में भारी कटाव एवं अत्यधिक जल जमाव हो जाने से यातायात पूर्णरूप से अवरुद्ध हो जाने के कारण तत्काल यातायात बहाल करने हेतु विभागीय निदेशानुसार Drone Time Stamp Videography एवं Geotag Photograph संघारित कर MIS के FDR Module में प्रविष्टि करते हुए पथ के क्षतिग्रस्त भाग में आवश्यकतानुसार Brick Bats/ Sand भरकर यातायात चालू करने हेतु अस्थायी पुनर्स्थापन कार्य कराया गया है। जिसकी प्राक्कलित राशि Rs.11645477 है।

प्रस्तुत प्राक्कलन संपादित कार्य के समय लागू सूचित प्रावधानों एवं वर्तमान अनुसूचित दर के अनुसार कार्यहित एवं स्थलीय आवश्यकता के अनुरूप तैयार किया गया है। जिसमें Contractor Profit एवं Overhead Charge शून्य रखा गया है। अतः अस्थायी पुनर्स्थापन कार्य के तहत कराये कार्य के भुगतान हेतु प्राक्कलन अग्रेतर कारवाई हेतु समर्पित।


कनीय अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, सहरसा।

सहायक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, सहरसा।


कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, सहरसा।

DETAILED ESTIMATE FOR F.D.R.

General Abstract of Cost

Name Of Work : Govindpur Chahi To Birjain

DISTRICT : SAHARSA

DIVISION : SAHARSA

BLOCK : NAUHATTA

Head : FDR

Year : 2024-25

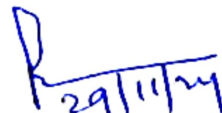
S.No.	Particulars	Total Cost (in Lakh)
1	Total Cost for Motorable Roads	9427544.00
2	Labour cess @1%	94275.44
3	GST @18%	1696957.92
4	Seigniorage Fee @ 10%	426699.19
5	Total Cost of Road Repair	11645476.55
	Say	11645477.00


Junior Engineer
RWD (W) Division, Saharsa

Assistant Engineer
RWD (W) Division, Saharsa


Executive Engineer
RWD (W) Division, Saharsa

Provisionally technically sanctioned for Rs. 1,16,45,477.00
(Rupees One crore sixteen lacs forty five thousand
four hundred & Seventy Seven) only.


Superintending Engineer
R.W.D. Works Circle

Schedule of Quantity

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Govindpur Chahi To Birjain

Division
Block

SAHARSA
NAUHATTA

S.No	DESCRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
1	Sand Filling in Foundation Trenches as per Drawing & Technical Specification.	960.00	Cum	580.07	556867.20
2	Providing and laying of Brick bat obtained from chimney with machanical means with all spreading, grading to required slope and compacted at OMC to acheive required density with all complete as per the direction of engineer in charge.	4064.76			0.00
	600 mm HP Dedution	0.00			
		4064.76	Cum	2049.64	8331288.88
3	Providing ,laying and placing empty cement bag filled with local sand including stiching with sutali etc. ----- do -----all complete job as per specification and direction of E/I.(Including Royalty and all Taxes)	7516.54	no.	37.43	281344.25
4	Labour for cuttuig 62mm to 75mm dia bamboo piles tosize and making shoes and driving ect. Complete as per specification and direction of E/I	2952.00	no.	53.18	156987.36
5	Labour for fitting and fixing 75mm dia bamboo runner in position at every vertical work with 150mm long nails or 38 swg GI wire including cost of GI wire or nails complete job as per specification and direction of E/I	2952.00	no.	6.12	18066.24
6	Supply of Bamboo at site	492.00	no.	168.68	82990.56
7	Providing and Laying 1000 mm Reinforced Cement Concrete Pipe NP3 as per design in Single Row pipe	0.00	m	6798.44	0.00
8	Construction of Embankment with approved material obtained from borrow pits with a lift upto 1.5m transporting to site , spreding grading to required slope and compacting to meet requirement of a lead of 1000 m as per technical	0.00	m	476.20	0.00

Total 9427544.49

Say 9427544.00


Junior Engineer
RWD (W) Division, Saharsa

Assistant Engineer
RWD (W) Division, Saharsa


Executive Engineer
RWD (W) Division, Saharsa

Details of Measurement

Details of Work		No	Measurement						Quantity
			Length (in mm)		Width (in mm)		Height (in mm)		
NAME OF ROAD :- Govindpur Chahi To Birjain									
Item NO.1	Providing and laying of Brick bat obtained from chimney with mechanical means with all spreading ,grading to required slope and compacted at OMC to achieve required density with all complete as per the direction of engineer in charge .								
CH in 0.700 KM	1	6.20		2.00		1.00	12.40	m ³	
	2	9.00		2.00		1.00	18.00	m ³	
	3	4.50		5.00		1.20	27.00	m ³	
	4	5.00		0.90		1.00	4.50	m ³	
	5	7.00		2.40		1.10	18.48	m ³	
	6	30.00	(2.00+1.80)/2	1.9		1.10	62.70	m ³	
CH in 1.340 KM	1	5.00		2		1.00	10.00	m ³	
CH in 1.525 KM	1	12.00		3.00		1.10	39.60	m ³	
	2	3.00		4.00	(1.50+0.80)/2	1.15	13.80	m ³	
	3	9.00	(1.50+2.00)/2	1.75		0.90	14.18	m ³	
	4	7.00	(1.50+1.80)/2	1.65		0.90	10.40	m ³	
CH in 2.520 KM	1	7.90		2.20		1.60	27.81	m ³	
	2	7.20		2.00		1.00	14.40	m ³	
CH in 3.600 KM	1	4.50		2.50		1.25	14.06	m ³	
	2	4.00		2.00		1.20	9.60	m ³	
	3	18.00	(2.50+3.50)/2	3	(1.80+1.20)/2	1.50	81.00	m ³	
	4	4.00		2.00		1.50	12.00	m ³	
	5	30.00	(1.80+2.50)/2	2.15		1.50	96.75	m ³	
CH in 3.700 KM	1	13.50	(5.00+(11.00+13.00)/2)/2	8.5		3.00	344.25	m ³	
	2	34.50	(4.5+(10.00+12.00)/2)/2	7.75		4.00	1069.50	m ³	
	3	27.40	((4.50+5.00)+9.00)/2	9.25		3.00	760.35	m ³	
CH in 3.940 KM	1	9.50	(5.00+8.00)/2	6.5		3.00	185.25	m ³	
	2	8.00	(6.00+7.00)/2	6.5		2.20	114.40	m ³	
CH in 4.200 KM	1	8.00	(2.30+3.00)/2	2.65		1.70	36.04	m ³	
CH in 4.600 KM	1	15.00		4.50		2.00	135.00	m ³	
	2	25.00		4.50		2.10	236.25	m ³	
	3	9.00		4.50		1.50	60.75	m ³	
CH in 5.300 KM	1	5.00		2.00		1.00	10.00	m ³	
CH in 5.730 KM	1	9.50		2.00		1.60	30.40	m ³	
	2	6.00	(4.50+7.50)/2	6		1.50	54.00	m ³	
	3	15.00	(4.60+7.60)/2	6.1		1.50	137.25	m ³	
	4	6.00		4.00		0.70	16.80	m ³	
CH in 5.860 KM	1	17.60		2.00		1.20	42.24	m ³	
	2	9.20		4.00		0.80	29.44	m ³	
Top	1	70.00		2.5		0.90	157.50	m ³	
In Slope	1	70.00	(3.50+3.00+2.00)/3	2.8333		0.80	158.67	m ³	
		531.50		Total (in Cum)			4064.76	m ³	

Item NO.2	Sand Filling in Foundation Trenches as per Drawing & Technical Specification.							
	1	80.00	(2.50+5.50)/2	4	(3.50+3.00+2.50)/3	3	960.00	m ³
		80		Total (In Cum)			960.00	m ³
Item NO.3	Providing ,laying and placing empty cement bag filled with local sand including stiching with sutali etc. ----- do ----- do-----all complete job as per specification and direction of E/I.(Including Royalty and all Taxes)							
	1	75.00	{1.50+1.40}/2	1.45	{2.40+2.30}/2	2.35	255.56	m ³
0.034 m3 = 1 No. of EC Bag							7516.54	N
		75		Total (In Cum)			7517	N
Item NO.4	Labour for cuttuig 62mm to 75mm dia bamboo piles tosize and making shoes and driving ect. Complete as per specification and direction of E/I							
		2.00		246.00		6	2952.00	m ³
							0.00	
		2		Total (in Cum)			2952.00	m ³
Item NO.5	Labour for fitting and fixing 75mm dia bamboo runner in position at every vertical work with 150mm long nails or 38 swg GI wire including cost of GI wire or nails complete job as per specification and direction of E/I							
		2.00		246.00		6	2952.00	m ³
							0.00	
		2		Total (in Cum)			2952.00	m ³
Item NO.6	Supply of Bamboo at site							
							2952.00	m ³
							0.00	
1 Bamboo = 6 bamboo piles				Total (N)			492.00	N


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