



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

BIHAR RURAL ROADS PROJECT

Bihar Rural Road Development Agency (BRRDA)

Head :- F.D.R.

YEAR (2024-25)

STATE :- BIHAR

DICTRICT :- SAHARSA

BLOCK :- SONBARSA

DIVISION :- SIMRIBAKHTIYARPUR

DETAILED ESTIMATE FOR TEMPORARY RESTORATION OF ROAD FROM AMOJA TO DURGAPUR.

Flood affected Length of Road	:-	0.297 Km 0.0525 Km
TOTAL COST OF PAVEMENT	:-	Rs. 1,593,444.61
TOTAL PROJECT COST	:-	Rs. 1,593,444.61

Submitted By:
Executive Engineer
RWD (W) Division, SimriBakhtiyarpur

Prepared By:
Executive Engineer
RWD (W) Division, SimriBakhtiyarpur

प्रतिवेदन

पुल का नाम :- Amoja -Durgapur (BR29R-170)at Ch-7th Km
पुल की लंबाई :- 200 मी०
बाढ़ से क्षतिग्रस्त भाग :- 297(Approach Road) मी० 52.5 मी०
प्राक्कलित राशि :- 1593445.00
कार्य प्रमंडल :- सिमरी बख्तियारपुर
कार्य अंचल :- सहरसा
योजना शीर्ष :- FDR
योजना वर्ष :- 2024 - 25

प्रस्तुत प्राक्कलन कार्य प्रमंडल, सिमरी बख्तियारपुर अंतर्गत सोनवर्षा 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। पुल के ^{Approach} ~~Diversion~~ 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 संधारित कर MIS के FDR Module में प्रविष्टि करते हुए पथ के क्षतिग्रस्त भाग में आवश्यकतानुसार Brick Bats भरकर यातायात चालू करने हेतु अस्थायी पुनर्स्थापन कार्य कराया गया है। जिसकी प्राक्कलित राशि Rs 1593445.00 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।

Manwanjan
15/11/2024

कनीय अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, सिमरी बख्तियारपुर।

[Signature]
15-11-24

सहायक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, सिमरी बख्तियारपुर।

[Signature]
15/11/24

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, सिमरी बख्तियारपुर।

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :- DETAILED ESTIMATE FOR TEMPORARY
RESTORATION OF ROAD FROM AMOJA TO
DURGAPUR.

DIVISION :- SIMRIBAKHTIYARPUR

BLOCK :- SONBARSA

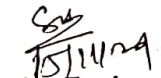
Flood Affected Length of Road :- 0.297 Km 0.525 Km

Sr. No.	Description	Amount (In Rs.)
1	Total Cost of Restoration=	1,286,822.44
2	Add:-Labour Cess @1% amt. =	12,868.22
3	Add:GST@18% on amt. =	231,628.04
4	Add:S.F.@ 10% on Material =	62,125.91
TOTAL RESTORATION COST OF THE PROJECT IN LACS		1,593,444.61


Pay Rs 15,93,445.00


Junior Engineer
RWD (W) Division, SimriBakhtiyarpur


Assistant Engineer
RWD (W)
Division, SimriBakhtiyarpur


Executive Engineer
RWD (W)
Division, SimriBakhtiyarpur

Provisionally Technically sanctioned for Rs 1593445.00 (Rupees. fifteen
lacs ninety three thousand four hundred forty five only)


Superintending Engineer
R W.D. Works Circle
SAHARSA
29.11.24

Cost Estimate For Flood Restoration Work

**DETAILED ESTIMATE FOR TEMPORARY
NAME OF ROAD :- RESTORATION OF ROAD FROM AMOJA TO
DURGAPUR.**

BLOCK :-

SONBARSA

DISTRICT :-

SAHARSA


S.No	SOR NO	DESCRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
1/1	12.3	Construction of embankment with approved material obtained from borrow pits with lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5	0.00	Cum	580.07	0.00
2/2	A/R	Providing & laying Brick Bat...				
		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.	588.59	Cum	2049.64	1206393.90
3/3	5.7.7	Labour for cutting 62mm to 75 mm dia bamboo piles to size and making shoes and driving etc. complete job as per specification and direction of E/I	150.00	m	53.18	7977.05
4/4	5.7.8	Labour for fitting and fixing Split bamboo woven chachari in position with 20 swg G.I wire or 75 mm to 100 mm long nails alternatively including cost of G.I. wire or nails complete job as per specification and direction of E/I	0.00	sqm	96.06	0.00
5/5	5.7.9	Labour for fitting and fixing 75 mm dia bamboo runners in position at every vertical pole with 150 mm long nails or 38 swg G.I. wire including cost of G.I wire or nails complete job as per specification and direction of E/I	75.00	m	6.12	458.75
6/6		Supply of Bamboo at site.	38.00	nos.	168.68	6409.72
7/7	5.7.40.1	Labour filling empty cement bags with loocal sand, stitching the bags and placing including supply of sutli and EC bag etc. all complete as per approved desing, specification and direction of E/I	1752.00	nos.	37.43	65583.02
8/8	5.7.40.2	Providing,laying and filling Geo bags of size 1m X 0.7 m(Type A 300 GSM nonwoven) weight of bags 420g volume of filled bag 0.07m3. weight of filled Geo bags 126 Kg with local sand including stitching in four lines by approved nylon thread with stitching machine and generator stacking and placing after loading unloading and carriage with help of trolley within 150m lead all complete as per specifications and direction of E/I (including Carriage of Local sand lead 0.5 km)	0.00	Each	188.27	0.00
9/9	401	Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.	0.00	Cum	2352.09	0.00
10/10	9.3	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Row.	0.00	m	3669.12	0.00
					Say	1286822.44
		Seigniorage Fees				62125.91
		Add @18% GST				231628.04
		Add @1% Lebour Cess				12868.22
						1593444.61
					Say	1593444.61

15/11/24
EE

15/11/24 A.E.

Details of Measurement								
Detail of Works	No.	माप					Quantity.	
		Length	Width(Avg)	Width	Height(Avg)	Height		
		In m.	In m.		In m.			
NAME OF ROAD :- DETAILED ESTIMATE FOR TEMPORARY RESTORATION OF ROAD FROM AMOJA TO DURGAPUR.								
Item No. 1	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.							
In East Side	1	27.50	(2.0+3.5+1.5)/3	2.33	(3.0+5.0+3.5+2.0)/4	3.38	216.563	
	1	13.50	(0.7+1.2+1.0)/3	0.97	(2.0+3.0+1.5)/3	2.17	28.275	
In West Side	2	25.00	(1.5+2.5+1.)/2	2.50	(3.0+4.0+2.5+1.5)/4	2.75	343.750	
				Total (in Cum)			588.588	
Item No. 2	Labour for cutting 62mm to 75 mm dia bamboo piles to size and making shoes and driving etc. complete job as per specification and direction of E/I							
In East Side	1	25				6	150.000	
				Total (in m)			150.000	
Item No. 3	For Bamboo pilling 1.25m							
Item No. 3	Labour for fitting and fixing Split bamboo woven chachari in position with 20 swg G.I wire or 75 mm to 100 mm long nails alternatively including cost of G.I. wire or nails complete job as per specification and direction of E/I							
							0.00	
	Size 6m*2m.	1	0	2.74			0.00	
				Total (in sqm)			0.00	
				Total (in m)			0.00	
Item No. 4	Labour for fitting and fixing 75 mm dia bamboo runners in position at every vertical pole with 150 mm long nails or 38 swg G.I. wire including cost of G.I wire or nails complete job as per specification and direction of E/I							
						3	75.00	
CH:-in 0.200 Km.	1	25					75.00	
				Total (in m)				
Item No. 5	Supply of Bamboo at site.							225.00
							37.50	
							38.00	
Item No. 6	Labour filling empty cement bags with loocal sand, stitching the bags and placing including supply of sutli and EC bag etc. all complete as per approved desing, specification and direction of E/I							
							59.58	
In East Side	1	25	(1.0+1.2)/2	1.1	(2.0+3.0+1.5)/3	2.167	59.58	
				Total (in cum)			1752.45	
							1752.00	
	(0.034m3=1 no. of EC Bags)			Total (in nos.)				


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