

**अधीक्षण अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य अंचल, नालन्दा**

पत्रांक- 1060 3150
प्रेषक,

/ नालन्दा, दिनांक- 15/11/24

ई0 चन्द्रदेव मंडल,
अधीक्षण अभियंता,
ग्रामीण कार्य विभाग,
कार्य अंचल, नालन्दा।

सेवामें,

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

विषय- कार्य प्रमंडल, **राजगीर** के अधीन बाढ़ से क्षतिग्रस्त हुये पथ का एफ0डी0आर0 योजना अन्तर्गत मोटरबल कार्य का प्राक्कलन घटनोत्तर तकनीकी स्वीकृति के संबंध में।

प्रसंग:- आपका पत्रांक-1052 (अनु0), दिनांक-14.11.2024

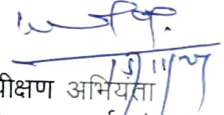
महाशय,

उपर्युक्त विषयक प्रासंगिक पत्र द्वारा प्राप्त विषयांकित योजनान्तर्गत निम्न **01 (एक)** अदद योजना का प्राक्कलन को घटनोत्तर तकनीकी स्वीकृति प्रदान कर वापस किया जाता है।

क्रमांक	योजना का नाम	तकनीकी स्वीकृति की राशि (लाख में)
1.	T04 वारसलीगंज रोड से महतपुरा	5.073

अनु0-यथोक्त (एक प्रति मूल में)

विश्वासभाजन



अधीक्षण अभियंता

ग्रामीण कार्य विभाग, कार्य अंचल, नालन्दा



ग्रामीण कार्य विभाग

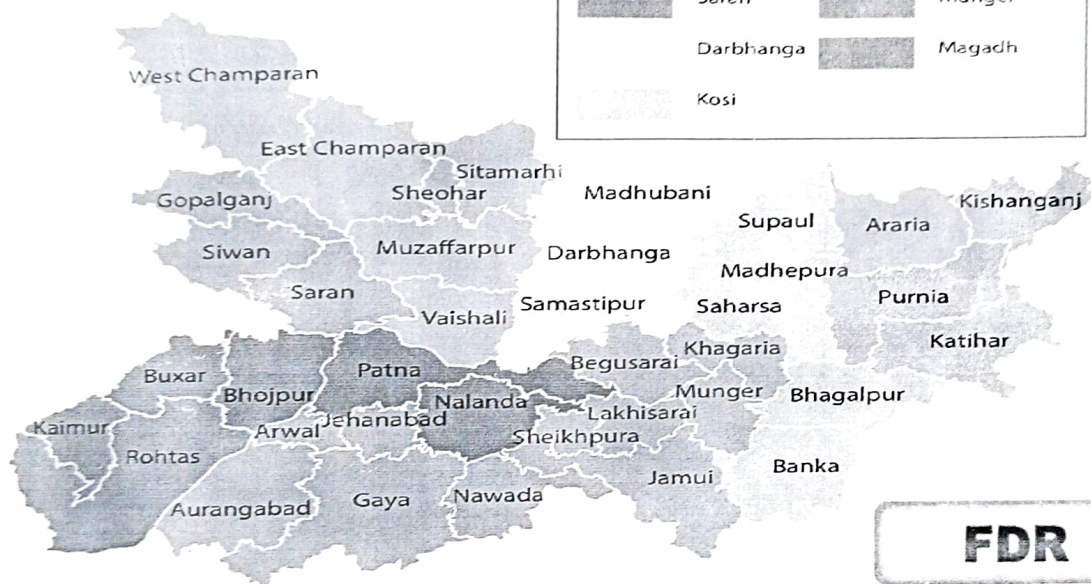
Rural Works Department, Govt of Bihar

BIHAR RURAL ROADS PROJECT

Bihar Rural Road Development Agency (BRRDA)

DETAILED PROJECT REPORT FOR (Temporary RESTORATION OF DAMAGED ROAD)

	Patna		Purnia
	Tirhut		Bhagalpur
	Saran		Munger
	Darbhanga		Magadh
	Kosi		



FDR

DISTRICT :	Nalanda	BLOCK :	Giriyak
NAME OF ROAD :	Temporary Restoration Of Road At Ch-1.3 Km T04 Waraslinganj Road To Mahatpura		
PART-A TOTAL COST OF INTIAL RECTIFICATION IN SURFACE RENEUAL	:	5.073	Lakhs
TOTAL PROJECT COST	:	5.073	Lakhs

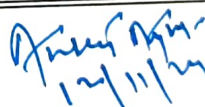
Submitted By:
Executive Engineer
RWD (w) Division, Rajgir
Nalanda

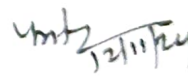
GENERAL ABSTRACT OF COST FOR MAINTENANCE OF ROAD

NAME OF ROAD	Temporary Restoration Of Road At Ch-1.3 Km T04 Waraslinganj Road To Mahatpura
DISTRICT	Nalanda
BLOCK	Giriyak
DIVISION	Rajgir

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
PART-A	INITIAL RECTIFICATION INCLUDING SURFACE RENEWAL	
1	SAND BAG	0.209
2	Supply and Laying of NP 3 Hume Pipe 1000 mm Dia	1.690
3	Supplying, Filling, Spreading & Compacting of Brick Bats at work Site	3.111
4	Granular Sub-base with Well Graded Material (Table 400.1) For Grading II Material	0.0636
	Total	5.073
	SUB TOTAL =	5.073
	TOTAL COST OF PROJECT (including GST & Labour Cess) IN LACS =	5.073


 JE
 RWD

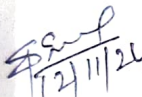

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 RWD

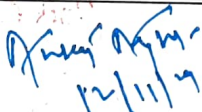

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 RWD

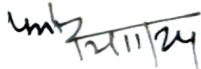
FULLY RESTORATION OF DAMAGED ROAD
GENERAL ABSTRACT OF COST

Block:--	Giriyak	District:-	Nalanda
Construction Length of Road:--	1.950 KM		
Name of Road:--	Temporary Restoration Of Road At Ch-1.3 Km T04 Waraslinganj Road		

SL. No.	Item of Work	Amount	
A	TOTAL COST OF CONSTRUCTION	5.073	Lacs
	SUB TOTAL	5.073	Lacs
	TOTAL (A)	5.073	Lacs
	TOTAL PROJECT COST (A+B)	5.073	Lacs


12/11/24
Senior Engineer


12/11/24
Asstt. Engineer


12/11/24
Executive Engineer

SE
RWD

Technically Sanctioned for Rs.....5.073 lac

(Rupees.....five lac seven thousand

Three hundred only.....)

Condition and direction laid down in attached
technical notes with DPR is be followed Strictly.

S. E.
RWD

Work Circle Nalanda

Somur
15/11/24

DETAILED ESTIMATE

Sl. No.	SDB SL NO	MORD Ref.No	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT		QUANTITY	RATE	AMOUNT (in Rs.)
Sub Head : PAVEMENT LAYERS BRICK BATS												
1			Providing and Laying of Empty Cement Bag filling with Local Sand									
			Providing and Laying of Empty Cement Bag filling with Local Sand									
			Face	Cum	2.00	14.00	1.00	1.000	=	28.000		
			Total =	Cum					=	28.000		
			Total No of Bags (28 Bags are required in 1 cum)=			28.00	x	28.00		784.000		
			Total =						=	784.000	26.595	20,850.00
2	9.3 (B)		Providing and laying RCC pipe NP-3 for culverts on first class bedding of PCC M10 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 as per clause 1106									
			Proposed HPC	RM	9.00	x		2.500	=	22.500		
			Net Qty						=	22.500	7,510.594	1,68,988.00
B) SUB TOTAL OF CRUST =												1,89,838.00
3	5.1	502	Providing Brick Bats with Filling in Damage Portion									
			Supplying , Filling , Spreading & Compacting of Brick Bats at work Site									
				Cum	1.00	14.00	6.00	1.500		126.000		
			Total							126.00	2,469.223	3,11,122.00
4	4.1	401	Granular Sub-base with Well Graded Material (Table 400.1) For Grading II Material									
			Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader 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.	Cum	1	14.00	4.05	0.075		4.25	1,498.70	6,369.48
TOTAL COST OF PAVEMENT IN RS. (A+B+C+D)=												5,07,329.48

JE
RWD
12/11/24

AE
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12/11/24

EE
RWD
12/11/24

Checked & Verified

EE - Hills
12/11/24

RATE QUOTATION 01.04.24

FOR RWD WORKS DIVISION Rajgir

Sl.No.	Material	Unit	Basic Rate	Carriage (Rajgir) 31 km	Labour Cess @ 1%	Seignorance	Total	Gst@ 18%	Total Rate
1	Empty Cement Bags	Each	3.45		0.03	0.00	3.48	0.63	4.11
2(a)	Bamboos 1st class 100mm dia 6m to 8m	Each	23.52		0.24	0.00	23.76	4.28	28.03
(b)	Bamboos 1st class 75mm dia 6m to 8m	Each	22.03		0.22	0.00	22.25	4.01	26.26
3	BrickBats	cum	1040.00	484.54	15.25	104.00	1643.79	295.88	1939.67
4	Local Sand	cum	145.87	144.43	2.90	14.59	307.79	55.40	363.20
5	Kiln Rubbish / Stone dust	m	266.62	365.34	6.32	26.66	664.94	119.69	784.63
6	Hume Pipe (NP3) 600mm Dia	m	2510.02	99.10	26.09		2635.21	474.34	3109.55
7	Hume Pipe (NP3) 1000mm Dia	m	5949.27	243.29	61.93		6254.49	1125.81	7380.29
8(a)	Boulder Size 150 mm and below	cum	694.61	583.45	12.78	69.46	1360.30	244.85	1605.15
(b)	Boulder with minimum size 300 mm	cum	694.61	583.45	12.78	69.46	1360.30	244.85	1605.15

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9	Granular Subbase Material Grading -II	cum			0.00				
	26.5 mm to 9.5mm	cum	913.48	504.11	14.18	91.35	1523.11	274.16	1797.27
	9.5 mm to 2.36 mm	cum	434.45	504.11	9.39	43.45	991.39	178.45	1169.84
10	Stone Metal Aggregate Gr-II				0.00				
	Morrum	cum	162.88	365.34	5.28	16.29	549.79	98.96	648.75
	63 mm to 45 mm	cum	1005.81	532.05	15.38	100.58	1653.82	297.69	1951.51
11	Stone Metal Aggregate Gr-III				0.00		0.00	0.00	
	53 mm to 22.4 mm	cum	1115.24	504.11	16.19	111.52	1747.07	314.47	2061.54
12	Screening Material Type-B	cum	434.45	504.11	9.39	43.45	991.39	178.45	1169.84
13	Unskilled Labour	Each	410.00		4.10		414.10	74.54	488.64
14	Semi Skilled Labour	Each	426.00		4.26		430.26	77.45	507.71
15	Skilled Labour	Each	519.00		5.19		524.19	94.35	618.54
16	Mason	Each	491.00		4.91		495.91	89.26	585.17
17	Head Mason	Each	550.00		5.50		555.50	99.99	655.49
18	Bhisti	Each	410.00		4.10		414.10	74.54	488.64
19	Carpenter	Each	491.00		4.91		495.91	89.26	585.17
20	Night Guard	Each	430.00		4.30		434.30	78.17	512.47

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21	Electrician	Each	520.00		5.20		525.20	94.54	619.74
22	Front End Loader 1.0 cum bucket capacity (JCB)	per hour	1432.00		14.32		1446.32	260.34	1706.66
23	8-10 Ton Smooth Wheeled Roller	per hour	1612.00		16.12		1628.12	293.06	1921.18
24	Tractor with Trolly	per hour	688.00		6.88		694.88	125.08	819.96
25	Tipper	per km	24.02		0.24		24.26	4.37	28.63
26	Tractor with Tipper	per hour	703.00		7.03		710.03	127.81	837.84
27	Generator Set	per hour	296.00		2.96		298.96	53.81	352.77

Paul
12/11/24
UC

James Nye
12/11/24
ME

WJ
12/11/24