



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

DETAILED PROJECT REPORT FOR REPAIRING OF ROAD

F.D.R. PART - A (2024-25)

CONSTRUCTION OF BOX BRIDGE AT CH 2+950 KM IN BHOWAW
ROHIA MNP ROAD ARRIHANA TO SINGHAL ROAD

DETAILED ESTIMATE OF F.D.R. REPAIRING ROAD

ROAD LENGTH		
DISTRICT	KATIHAR	
BLOCK	AZAMNAGAR	
DIVISION	MANIHARI	
TOTAL DAMAGE LENGTH OF ROAD	63.500	Mtr.
TOTAL COST OF F.D.R. PART - A	Rs. 14.366	Lacs

SUBMITTED BY
The Executive Engineer,
Works Division, Manihari

FDR.

Block:- Azamnagar

Division - Manihari

Year - 2024-25

ad Name :- CONSTRUCTION OF BOX BRIDGE AT CH 2+950 KM IN BHOWAW ROHIA MNP ROAD
KRIHANA TO SINGHAL ROAD

S.N.	Description	Unit	Length (In Mtr.)	Width (In Mtr.)	Depth/ Height (In Mtr.)	Qty.	Rate (In Rs.)	Amount (In Rs.)
1	Empty Ciment Bags (Supply of EmptyCement Bag Capacity 1.2 CFT in Good condition And As per Specification)	No	-	-	-	1429.00	6.00	8574.00
2	100 mm Dia 6m to 8m Long	No	-	-	-	0.00	20.00	0.00
3	Brick Bats(Brick Bats of Well Burnt Bricks)	Cum	-	-	-	608.51	915.00	556786.65
4	Local Sand(As per Specification)	Cum	-	-	-	49.00	128.00	6272.00
5	Kiln Rubbish(is Should be elean & Free from other impurities)	Cum	-	-	-	213.00	335.00	71355.00
6	Hume Pipe (NP3) 1000mm Dia(NP3 Rcc Hume Pipe)	Mtr.	-	-	-	0.00	2400.00	0.00
7	Granular Sub Base material Gradding-ii(Granular Sub Base Material Gradding-ii as pre Specification)	Cum	-	-	-	0.00	1000.00	0.00
8	Unskilled Labour(8 hrs/ Day)	Hrs/ Day	-	-	-	893.00	368.00	328624.00
9	Semi Skilled Labour(8 hrs/ Day)	Hrs/ Day	-	-	-		380.00	0.00
10	Skilled Labour(8 hrs/ Day)	Hrs/ Day	-	-	-	179.00	465.00	83235.00
11	Mason(8 hrs/ Day)	Hrs/ Day	-	-	-		450.00	0.00
12	Head Mason(8 hrs/ Day)	Hrs/ Day	-	-	-		500.00	0.00
13	Bhisti(8 hrs/ Day)	Hrs/ Day	-	-	-		365.00	0.00
14	Carpenter(8 hrs/ Day)	Hrs/ Day	-	-	-	0.00	445.00	0.00
15	Front End Loader 1.0 cum(Soil Loading/ Aggregate Loading) Cum/Hour 60/25	Per Hour	-	-	-	84.00	1290.00	108360.00
16	8-10 Ton smooth Wheeled(Compaction / Consolidation) Cum/hour 70/25	Per Hour	-	-	-	0.00	1448.00	0.00
17	Tractor With Trolley(Transportation of Material) Cum 3 to 5 ton	Ton / Trip	-	-	-	441.00	620.00	273420.00
18	Tipper(Transportation of Material) Cum 5.5	Per Day	-	-	-		1315.00	0.00
	Generator Set With Fuel(Grnaration of Electecal Energy) KVA 5	Per Day	-	-	-		245.00	0.00
Total Amount (In Rs.) =								1436626.65

15/11/24
JE

15/11/24
A.E

15/11/24

Technically sanction for Amount 14,36,627.00
(Rupees fourteen lac thirty six thousand
six hundred twenty seven) only.

R 29/11/24

अधीक्षण अधियेता
ग्रामीण कार्य विभाग,
कार्य अंचल, पूर्णियाँ।

CONSTRUCTION OF BOX BRIDGE AT CH 2+950 KM IN EHOWAW ROHIA MNP ROAD ARRIHANAY

Sl. No.	SDB SL. NO	MORD Ref.No	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY
1	4.5		Brick Bats						
			Placing tractor at loading point loading with front end loader dumpong ,turning for return trip excluding time for haulage and return trip						
			C/O To Calculation Sheet						608.510
				Cum					608.510
4	5.7.40.1 WRD		Labour for filling empty cement bags with local sand, stitching the bags and placing including supply of suttu etc. all complete as per approved design, specification and direction E/I.						
			1 x 36X (0.300+1.50)/2 X0.190						48.600
			Total Volume=						48.600
			1 Cement Bag =(L= 0.60) X (w= 0.30)X (H= 0.190) = 0.034 Cum						1429.00
				Bag					1429.000

J.Arya
 15/11/24
 JE.

Singh
 15/11/24
 A.E.

Singh
 15/11/24

CONSTRUCTION OF BOX BRIDGE AT CH 2+950 KM IN BHOWAW ROHIA MNP ROAD ARRIHANA TO SINGHAL ROAD

ANNEXURE "B"

Sl. No.	Chainage At (Mtr.)	NO.	Length (in mt.)	Top Width (in mt.)	Avg. Top Width + Bottom Width / 2	Height (in mt.)	Qty. (in Cum)	Remarks
		1	6.00	(4.50+4.60)/2	(4.50+4.60)/2	(0.30+0.60)/2	12.29	
		1	30.00	(4.50+4.60)/2	(4.50+4.60)/2	(0.40+0.40)/2	54.60	
		1	48.00	(4.20+4.0)/2	(4.20+4.0)/2	(0.40+0.40)/2	78.72	
		1	60.00	(4.0+4.10)/2	(4.0+4.10)/2	(0.50+0.30)/2	97.20	
		1	90.00	(4.30+4.10)/2	(4.30+4.10)/2	(0.30+0.50)/2	151.20	
		1	110.00	(4.0+3.80)/2	(4.0+3.80)/2	(0.40+0.60)/2	214.50	
							608.51	

24/08/2015
15/11/2015
J.E.

24/08/2015
15/11/2015
A.E.

24/08/2015
15/11/2015
E.E.