



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar



New
Development
Bank

T.S COPY

BIHAR RURAL ROADS PROJECT

Bihar Rural Road Development Agency (BRRDA)

MUKHYA MANTRI GRAM SAMPARK YOJNA (MMGSY)

AWSESH NDB, BRRP- II , TRANCHE-I

YEAR (2023 - 2024)

DETAILED PROJECT REPORT

PACKAGE NO. :-

STATE :- Bihar

DISTRICT :- East Champaran

BLOCK :- Pakridayal

SURVEY ID :- 66238

NAME OF ROAD :- RAMPURWA CHIRAN MILL TO TO PHULWAR CHAUK

TOTAL LENGTH OF ROAD :- 3.150 Km

NO. OF C.D. STRUCTURES :- 5.00 Nos

TOTAL COST OF CD WORKS :- Rs. 20.437 Lacs

TOTAL CONST. COST (With GST, LC & SF) (A) :- Rs. 319.752 Lacs

TOTAL MAIN. COST (With GST, LC & SF) (B) :- Rs. 26.216 Lacs

CONTIGENCY 2.25% (ON CONST. COST) (C) :- Rs. 7.194 Lacs

TOTAL PROJECT COST (A + B + C) :- Rs. 353.16 Lacs

CONSTRUCTION COST PER KM :- Rs. 112.12 Lacs

PER KM COST (WITHOUT CD WORKS) :- Rs. 95.910 Lacs

SUBMITTED BY:

Executive Engineer
RWD (w) Division, Pakridayal
East Champaran

PREPARED BY:

Superstar Designer Pvt. Ltd.
Flat No. 403, Bhuvaneshwaram Building
Nageshwar Colony, Near Boring Road
Chauraha, Patna 8- 8434040125/8825398707

Mukhya Mantri Gram Sampark Yojna (MMGSY)

YEAR (2023 - 2024)

GENERAL ABSTRACT OF COST

Block:--Pakridayal

District:--East Champaran

SURVEY ID

66238

Length of Road:--

3.150 KM

Name of Road:--

RAMPURWA CHIRAN MILL TO TO PHULWAR CHAUK

SL. No.	Item Of Work	Amount
A	TOTAL COST OF CONSTRUCTION :-	319.752 Lacs
B	CONTINGENCY 2.25% :-	7.194 Lacs
	Sub Total= (A+B) :-	326.947 Lacs
C	FIVE YEAR MAINTENANCE COST :-	26.216 Lacs
	Total Cost Of Project (A+B+C) :-	353.163 Lacs

अथ एवं नदी की माता तकनीक अनुमोदन प्राप्त प्रकल्प के प्रमुख है।


18.3.24

Junior Engineer
RWD (w) Section
,Pakridayal


18.3.24

Asstt. Engineer
RWD (w) Sub Division ,Pakridayal


18.3.24

Executive Engineer
RWD (w) Division,Pakridayal

95

Superintending Engineer
Rural Works Department
Works Circle, Motihari


21/03/2024

A.A. Length - 3.15 Km Amount Rs - 353.16 Lacs vide letter NO-418
Date - 1-3-24

PROFORMA-A

Technically Sanctioned of Road Length 3.15 Km for Rs. 353.16 Lacs
(Three Crores Fifty Three Lacs Sixteen Thousand) only
Sanctioned of Estimate does not mean Sanction of rates.
Conditions and directions laid down in attached technical notes
with the DPR is to be followed Strictly.


1-4-24
A.E.
RWD


E.E.
RWD


14/24
S.E.
RWD,


C.E.
RWD, PATNA

Sl. No.	District	Package No.	No. Of Habitations Covered	Length (KMS)	Value Rs. (Lakhs)		Av. Cost per km Rs. (Lakhs)	
					Const.	Maint.	Const.	Maint.
1	East Champaran		2	3.150	299.386	24.764	95.043	7.861
	TOTAL	1	2	3.150	299.386	24.764	95.043	7.861
1	NO. OF DIST.	TOTAL PACKAGES	HABITATIONS COVERED	LENGTH (KMS)	VALUE RS. (LAKHS)		AV. COST /KM RS. (LAKHS)	
	1	1	2	3.150	299.386	24.764	95.043	7.861


18.3.24.

Junior Engineer
RWD (w) Section, Pakruidayal


18.3.24.

Assistant Engineer
RWD (w) Sub Division, Pakruidayal


18.3.24.

Executive Engineer
RWD (w) Division, Pakruidayal

SUMMARY OF COST ESTIMATE FOR THE PROJECT

PACKAGE NO.

SURVEY ID

66238

NAME OF ROAD :

RAMPURWA CHIRAN MILL TO TO PHULWAR CHAUK

DISTRICT

East Champaran

BLOCK

Pakridayal

LENGTH OF ROAD (Km)

3.150

CONST. LENGTH OF ROAD(Km)

3.150

LENGTH OF BT PAVEMENT (In M)

2150

LENGTH OF CC PAVEMENT (In M)

1000

CD STRUCTURES

HUME PIPE

5

RCC CULVERT

0

300 MM UTILITY PIPE

7

BOX CELL CULVERT

0

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	PREPARATORY WORKS SITE CLEARANCE, DISMANTLING	1.213
2	EARTHWORK	27.800
3	GSB	66.300
4	WBM GRADE III	47.910
5	PRIME COAT	4.470
6	TACK COAT	1.535
7	MSS	22.734
8	CC PAVEMENT	55.992
9	HARD SHOULDERING	4.060
10	SIDE DRAINS	0.000
11	PROTECTION WORKS	0.000
12	ROAD FURNITURES, KM STONES, TRAFFIC & DIRECTION SIGN, PMGSY LOGO	12.492
	SUB TOTAL OF PAVEMENT COST (IN LACS) =	244.506
13	CROSS DRAINAGE STRUCTURES	
I	HUME PIPE	19.868
II	RCC	0.000
III	BOX	0.000
IV	UTILITY PIPE (300 MM)	0.569
V	DISMANTLING OF CD	0.000
VI	REPAIR OF CD WORK	0.000
	SUB TOTAL OF CD STRUCTURES COST (IN LACS) =	20.437
	Total Constriction Cost (In Lacs) :-	264.943
	GST @ 18% (In Lacs) :-	47.690
	Labour Cess @ 1% (In Lacs) :-	2.649
	Seigniorage Fee 10% (In Lacs) :-	4.470
A	Total Constriction Cost (Including GST@18%, L.C@1% & S.F@10%) (In Lacs) :-	319.752
	Total Cost Of 5 Years Maintenance (In Lacs) :-	21.915
	GST @ 18% (In Lacs) :-	3.945
	Labour Cess @ 1% (In Lacs) :-	0.219
	Seigniorage Fee 10% (In Lacs) :-	0.138
B	Total Maintenance Cost (Including GST@18%, L.C@1% & S.F@10%) (In Lacs) :-	26.216
C	Add Contingency Charges @ 2.25% On Cont. Cost (In Lacs) :-	7.194
	TOTAL PROJECT COST (A+B+C) (IN LACS) :-	353.163

Junior Engineer

RWD (w) Section, Pakridayal

Assistant Engineer

RWD (w) Sub Division, Pakridayal

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Executive Engineer

RWD (w)
Division, Pakridayal