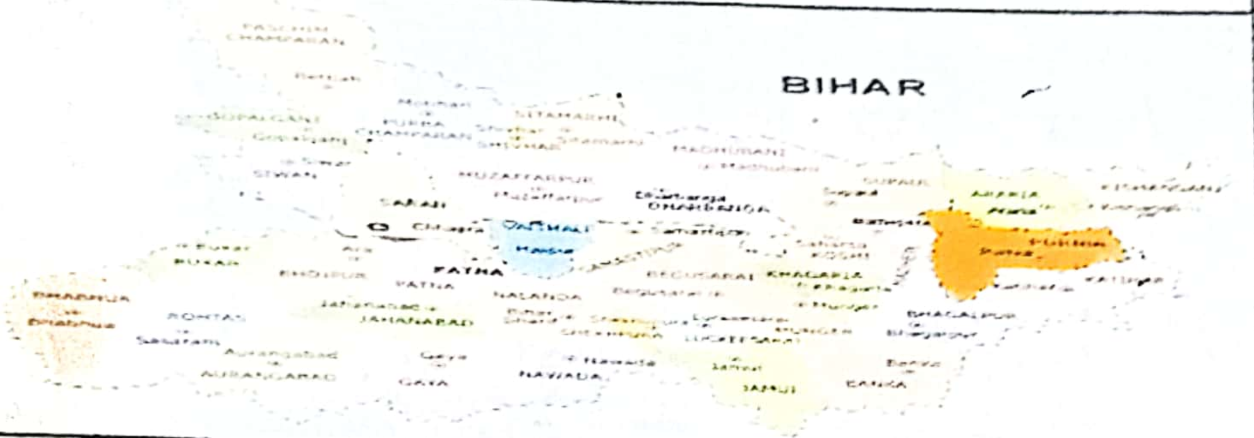
ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

DETAILED PROJECT REPORT FOR FDR



FDR

Road Name:- Nawada Panchayet me Mai sthan Ke Pass se To Pitch road Champaran Tastbanath hote hue Dachhini Nawada gram to Wirte tola hai us Path ka Restoration Work

DISTRICT	:	East Champaran	
DIVISION	:	Areraj	
BLOCK	:	Areraj ~~Sangrampur~~	
TOTAL LENGTH OF ROAD	:	1.10 Km	1299794=00
PART-A TOTAL COST OF INTIAL RECTIFICATION IN SURFACE RENEUAL (including 1%labour cess , 12% GST & 10% Seignoirage Fee)	:		298953=00 Lac
TOTAL COST OF PROJECT	:		Rs1598747=00 Lac

Submitted by :

Bihar Rural Road Development Agency

RWD (W) Division, Areraj

GENERAL ABSTRACT OF COST FOR FDR OF ROAD

NAME OF ROAD : Nanwda Panchayat me Mal sthan ke Pass se jo Pitch road chandpoan Tarkand ki hote hue Dachini Narwda gram to wladi tola jate hai us Path ke Restoration Work

DISTRICT East Champaran

BLOCK ~~Sangrampur~~ Arearaj

DIVISION Areraj

LENGTH OF ROAD (in Km) ± 1.10 km

SL No.	DESCRIPTION	AMOUNT (LAKHS)
PART-A	INITIAL RECTIFICATION INCLUDING SURFACE RENEWAL	
1	Sand Filling	
2	Brick Bat	99569=00
3.	Granular Subbase (GSB GR-I)	586,519=00
	~~TOTAL OF INITIAL RECTIFICATION INCLUDING SURFACE RENEWAL~~	613,706=00
	TOTAL COST OF CONSTRUCTION	~~612~~ 1299794=00

Labour cess @1% (+) Rs 12,998=00

~~GST @12% (+) Rs 155975=00~~

~~Add seigniorage fee @10% (+) Rs 129979=00~~

~~Rs 15,98,747=00~~

20/10/020
JE
RWD (W) Division, Areraj

20.10.20
AE
RWD (W) Division, Areraj

20/10/2020
EE
RWD (W) Division, Areraj

Post Facto T.A./T/S is accorded for Rs. 12,99,800=00

(— crore Twelve lacs Ninety Nine thousand

Eight hundred —) only.

30.12.20
S.E. (R.W.D.)
works Circle
Motihari

30-12-20

Measurement & Damaged Portion

Name of Road :- Nawada panchayat me Mai sthan ke pass se Jo pitch road champaran tatbandh hote huए Dakshni Nawada gram to Nirti Tola Jati hai us path ka restoration work (For Year 2020-2021)

DETAILED COST ESTIMATE

No.	SDB SL.NO	NORD Ref.No	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (in Rs.)
1	11.2		Local Sand Filling:- Filling in Foundation Trenches as per drawing and technical Specification Clause 305.3.9								
				cum	1	As per calculation sheet			156.77	635=13	99569=00
2	with the help of WRD 5.7.40		Providing and Laying Spreading Brick Bats in Cut Portion as Required Do All C Job								
				cum		as per Calculation Sheet			273.13	2147.40	586519=00
3.			Providing GSB Gr II Spread compaction in cut portion etc			"	"	"	281.96	2176=57	613706=00
										A) SUB TOTAL =	1299794=00

JE 20/10/2020
RWD (W) Division, Areraj

AE 20.10.20
RWD (W) Division, Areraj

EE 20/10/2020
RWD (W) Division, Areraj

Scanned with CamScanner

Measurement of Damaged Portion

Road Name :- Nawada Panchayat me Maisthan ke pass se Jo Pitch road Champaran Tatbandh hote hue Dakshini Nawada Gram to Minti Tola Jati hai us path ka Restoration Work (for Year 2020-2021)

Length :- 1.10 Km Block :- Areraj

Providing & laying spreading brick bats filling in cut portion with flood as required etc & — do all complete job

$1 \times 9.0m \times \frac{0.90+2.80}{2}m \times 1.20m = 19.98 m^3$

$2 \times 15.0m \times 2.50m \times 2 \times 1.25m = 93.75 m^3$

$2 \times 20.0m \times \frac{1.10+1.50}{2} \times 0.90m = 46.8 m^3$

$1 \times 18.0m \times \frac{1.5+2.5}{2}m \times 1.20m = 43.20$ "

$1 \times 7.5m \times \frac{2.5+3.5}{2}m \times 0.90m = 20.25$ "

$1 \times 14.0m \times \frac{2.15+1.75}{2}m \times 1.10m = 30.03$ "

$1 \times 10.0m \times \frac{1.5+2.75}{2} \times 0.90m = 19.12$ "

$273.13 m^3$ @Rs 2147=40/m^3 Rs 5,86,519=00

Providing local sand filling in road embankment & pot ditches etc & — to all complete job

In flap :- $2 \times 5 \times 30.0m \times 0.90 \times \frac{0.15+0.30}{2} = 60.75 m^3$

In ditch :- $10 \times 4.0m \times \frac{1.85+2.75}{2} \times 0.45 = 41.40 m^3$

20% Add for voids of brick bats :-

$273.13 m^3 \times \frac{20}{100} = 54.62 m^3$

$156.77 m^3$

@Rs 635=13/m^3 Rs 99569=00

Constructing of granular sub base by well graded material GR II etc & — do — job

$1 \times 12.0m \times 3.0m \times 0.175 = 6.30 m^3$

$2 \times 20.0m \times 1.75m \times 0.175m = 12.25 m^3$

$2 \times 22.0m \times 1.85m \times 0.200m = 16.28 m^3$

$1 \times 20.0m \times 2.75m \times 0.175m = 9.625$ "

$1 \times 10.0m \times 3.50m \times 0.175m = 6.125$ "

$1 \times 15.0m \times 2.25m \times 0.175m = 5.90$ "

C.O. $56.48 m^3$

B/F Rs 686088=00

B/F Rs 56.48m3

1x4x30.0m x $\frac{3.75+4.10}{2}$ x 0.175m = 82.42 "

1x5x30.0m x 4.05m x 0.175m = 106.31 "

2x7x15.0m x $\frac{1.25+0.75}{2}$ x 0.175m = 36.75m3

281.96m3

@ Rs 2176=57/m3 Rs 613706=00

Rs 12,99,794=00

20/10/20
J.E/RWD
Aseraj

20.10.20.
A.E./RWD
Aseraj

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E.E./RWD
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