

EDR

YEAR (2020 - 2021)

GENERAL ABSTRACT OF COST

Block:--Aurangabad

District:--Aurangabad

Name of Road:--

Construction Of Diversion on Adri River Near Barwa Village

SL. No.	Item of Work	Amount
A		
	TOTAL COST OF CONSTRUCTION	8,24,794.31 Lacs
	Sub Total= (A)	8,24,794.31 Lacs
	TOTAL cost of project (A+B)	8,24,794.31 Lacs

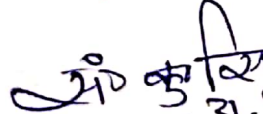
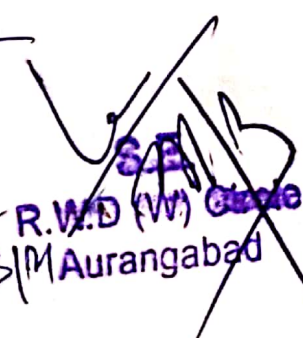
8.248 lacs


12/10/2020
Junior Engineer
RWD (w) Section,
Aurangabad


12/10/2020
Asstt. Engineer
RWD (w) Sub Division, Aurangabad


12/10/2020
Executive Engineer
RWD (w) Division, Samastipur

Technically approved for Rs. 8.248 lakh
Rupees zero Crore Eight lakh
Twenty four thousands Eight hundred only


31.3.21
T.A.
R.W.D (W) Circle
Aurangabad

R.W.D (W) Circle
Aurangabad

Description	Unit	QUANTITY	RATE	AMOUNT (in Rs.)
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PROVIDING AND PLACING SAND BAGS Filling Sand , Stitching and placing etc. all complete as per specification and direction of E/I.

3 layer x 2 sides x 35.000 x 2.795 = 586.968
 Area of Sand Bag = (0.45mx0.0625m =0.281 sqm) = 0.281
 Overlapping Factor = 1.250
 Total No Of Sand Bags **2609**

Nos 2609 26.79 69895.11

Sand Filling in Foundation Trnchers as per drwng and technical Specification Clause 1108

1 x 35.00 x 6 x 1.02 = **252**

cum 252 447.82 112850.64

B) Providing And Laying RCC pipe NP-3 For culverts on first class bending 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

10 x 3.00 x 2.50 = 75.00

75 m 75 3570.93 267819.75

Suplying for Bricks Bats (with OH)

Top 1 x 35.000 x 5.75 x 1.500 = 301.875
 Less for Pipe 10.000 x 3.000 x 2.5000 x (0.5x3.14) = -117.857
 = 184.020

Sqm 184.02 1958.71

360441.8142
 811007.3142

COST OF Construction Rs.

Labour Cess @ 1%
 GST @ 12%
 Total Amount
 Deducted As Per Agreement @ 10%
 Rest Amount

8110
 97321
916438.3142
 91644
 824794.3142

[Signature]
 12/10/2020
 AE

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 12/10/2020
 AE

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 12/10/2020
 AE

Analysis for Carriage by Road & Rail

Name of Road:--

Construction of Diversion on Adri River Near Barwa Village

District:-

Block :- Aurangabad

Sl No	Item with Source	Unit	Source Up to	Carriage Cost & Lead in Km			Carriage Cost by Road	Unloading & Loading Cost	Total
				Pucka / Surface	Katcha				
1	Local Sand	Cum	Local	$\frac{8.00}{4.99} \times 7.52 \times 2.00 \text{ Km} = \text{Rs } 24.11$	$\frac{8.00}{4.99} \times 18.19 \times 1.00 \text{ Km} = \text{Rs } 29.16$		0.00	106.19	Rs. 135.35
2	Hume Pipe (1000 mm)	m	Sinduria	$\frac{8.00}{10.00} \times 7.52 \times 35.00 \text{ Km} = \text{Rs } 210.56$	$\frac{8.00}{10.00} \times 18.19 \times 0.00 \text{ Km} = \text{Rs } 0.00$		0.00	76.57	Rs. 287.13
3	Hume Pipe (600 mm)	m	Sinduria	$\frac{8.00}{25.00} \times 7.52 \times 35.00 \text{ Km} = \text{Rs } 84.22$	$\frac{8.00}{25.00} \times 18.19 \times 0.00 \text{ Km} = \text{Rs } 0.00$		0.00	32.82	Rs. 117.04
4	Hume Pipe (300 mm)	m	Sinduria	$\frac{8.00}{60.00} \times 7.52 \times 35.00 \text{ Km} = \text{Rs } 35.09$	$\frac{8.00}{60.00} \times 18.19 \times 0.00 \text{ Km} = \text{Rs } 0.00$		0.00	32.82	Rs. 67.91

* Subjected to Verification of Lead

Cost of Haulage Excluding Loading & Unloading as per SOR

Type of Road	Per Ton. Km by Tinner	Per Ton. Km by Truck
For Surface Road	8.40	7.52
Unsurface Gravel Road	10.10	9.04
Kachha Road	20.30	18.19

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12/10/2020

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12/10/2020

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
1) Name of Work - Construction of Diversion on Atri River Near Barwa Village. (Restoration work)				
2) Agency - Sri Ram Nandan Singh				
3) Year of Restoration - 2020-2021				
4) Agency's Reg. No. - 48880/2019-20				
5) Est. Cost - Rs. 24,79,421/-				
6) Date of Work Start - 6.8.2020				
7) Date of End - 12.10.2020				
1) P.W. and placing sand bag filling, sticking and placing etc. etc. etc.				
3 bags. x 2 bags				
35 m x 2.8 m = 588 m ²				
Area of bag. 0.45 m x 0.625 m = 0.281 m ²				
over lay factor 1.25				
(588 $\times$ 0.281) $\times$ 1.25 = 2615 bag				
@ 26.25 / bag				
2) Sand filling as per drawing				
etc. etc. etc.				
35 x 7.5				
= 25.2 m ³ @ Rs. 447.82/m ³ = Rs. 11285/-				
3) P.W. and laying R.C.C. 100 mm dia. pipe etc. etc. etc.				
10 x 3.00 x 2.5 m = 75.00 m ³				

Continuation
 @ Rs. 3570.93/m³ — Rs. 267820/-

Rs. 1,50,700/-

Scanned with CamScanner

Inspection Report for flood Damage Work

Date:

1. Name of PUs: Executive Engineer RD (u) Aurangabad

2. Name of Block/Road: Aurangabad

A. For Road

NH-139 to Esar Road

1. Damage Location/Chainage

2. Damage Length

3. Nature of Damage

4. Details of Restoration works

i. Material being used in Restoration works:

ii. Equipments/Tools being used in Restoration works:

iii. Procedure taken up in Restoration works:

iv. Restored Length

B. For Bridge

1. Damage Location/Chainage

: Diversion on Adri River Near Baira Village

2. Damage Length

: 3.5 M

3. Nature of Damage

: Diversion Damage

4. Details of Restoration works

i. Material being used in Restoration works: Brick, B.C. Top H.Pyls

ii. Equipments/Tools being used in Restoration works: Tractor, Peeler, etc

iii. Procedure taken up in Restoration works:

iv. Restored Length

3.5 M

C. Requirement of new CD/Bridge

i. Name of Road

ii. Location/Chainage

iii. Type of CD work/Length required

Est Crst - by B. 926 table

: NH-139 to Esar Road

: 1.5 KM at Adri River

- Upload one photograph of damaged portion if available -
- Attach minimum two photograph (during restoration & after restoration) photographs should be Geotags and at least one photo be captured in selfie mode.

13/10/2020

Signature of JE/AE/EE

Signature
11/10/2020

Signature

(Name of Inspector)

Report

This estimate of flood Damaged Diversion has been framed on the Basis
Needs of the villager's Residing in adjacent Area of unconnected habitation.

This Diversion has been already constructed but due flood fury it got
damaged completely.

The public representative hon'ble MLA Sri Anand Shakar singh, Aurangabad
as well as Ex-minister Govt. of Bihar Shri Ramadhar Singh Continuously
reported to cover-up the breach that has taken place during flood so in view
of their report as well as voice of the local people rendered to maintained the
connectivity. After taking proper photographs properly the execution of work
has been Carrey out accordingly. The material procured at the site are brick
tiles, Hume pipe, Empty cement bag & Sand. The rate has been taken from

current SOR.

Work has been done by Aggreemented Agency
Sri Ram Navardan Singh, old Work approved on 10/12/20
Aggreement No. SBD/2019-20 48 SBD/2019-20

12/10/20

JE

12/10/20

AE

12/10/20

EE



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

BIHAR RURAL ROADS PROJECT

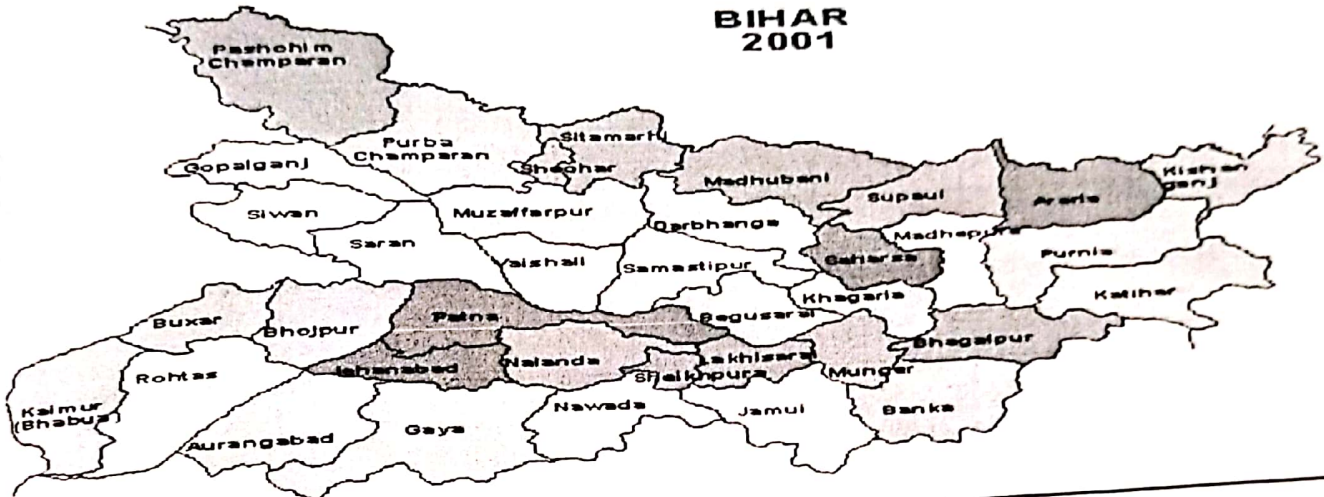
Bihar Rural Road Development Agency (BRRDA)

DETAILED PROJECT REPORT

YEAR 2020-2021

FDR

BIHAR
2001



DISTRICT :	AURANGABAD	BLOCK :	Aurangabad
NAME OF ROAD :	Construction Of Diversion on Adri River Near Barwa Village		
TOTAL LENTH IN KM.	:	35.000	M
TOTAL COST	:	824794.314	Lakhs
SUBMITTED BY: EXECUTIVE ENGINEER RWD (W) DIVISION, AURANGABAD AURANGABAD			
PREPARED BY: PACHTAKI INFOTECH PVT. LTD. BLOCK F, FLAT NO. 301, JAGMANO SHREE GARDEN, RUKUNPURA, KHAJPURA, PATNA-800 PH. NO.-9455949655, 7070096626			