



ग्रामीण कार्य विभाग



(बिहार सरकार)

क्षतिग्रस्त पथ का नाम

Arariya to Ghoghardiha

(Estimated Cost:- ~~4.97923~~ Lakh)

2,03,528. 00

ग्रामीण कार्य विभाग,

कार्य प्रमंडल- फुलपरास।

Block:- *Ghoghardiha*

Inspection Report for Flood Damaged Work in the year 2021-22

Date of Inspection :- 30.4.22 Name Of PIU:-RWD, Works Division, Benipatti

Name of Block :- Ghoghardiha

Name of Road :- Arariya to Ghoghardiha.

For Road :-

1. Damage Location/ Chainage :- 1500 - 2000

2. Damage Length :- 393 meter

3. Nature of Damage :- crust damaged due to Rain.

4. Details of Restoration Works :-

i. Material being used in Restoration Works Brick bats

ii. Equipment's/ Tools being used in Restoration Works Tractors

iii. Procedure taken up in Restoration Works :- Brick bat filling.

iv. Restored Length :- 393 mtr Restored Qty = 85.919 m³

Remarks :-

Signature of JE/AE

30.4.22
Signature of E.E

30.4.22
JE

Detailed estimate For restoration of road From

Under FDR 2021.

Abstract Of Cost.

1. Restoration of Road embankment using Brick Bats.....etc....

84.969
85.919
210.20

m3@Rs. 2004.96 /m3 =

Total =

Add GST 12%=Rs.

Add LC 1% =Rs.

S. Fee

84.969
85.919
210.20

@1032m3 x10%=Rs.

Total =

Rs.

= 2,01,273.96
Say 2,01,274.00

170359.44
1,72,264.00
4,21,443.00
20443.13
20,672.00
50,573.00
1,723.00
4,21,443.00
8,869.00
8,869.00
8768
4,97,925.00
2,03,528.00

कार्यपालक उपनिर्देश शास्त्रीय कार्य विभाग
आम्रसमरल बेनीपट्टी के 22 FDR के संचोपकेन,
पत्रांक - 864/अगु)दिनांक - 2/5/22 के मरालल

Technically sanctioned for Rs- 2,01,274.00 (Rupees -
Two lacs One thousand two hundred Seventy Four) only.

Superintending Engineer
RWD Work Circle, Darbhanga

Abhinav
05/05/22

Restoration of road embankment from Dargah to
Ghoghorolika under PNL Road
Length = 12.47 Km. Damage Length = 5/5 m.

(1) Restoration of road embankment using brick bats

Ch- Ghoghorolika Dargah 0 1500 - 2000

$$\begin{aligned}
 & 1 \times \frac{10.00}{3} \times \frac{1.0 + 2.0 + 0.0}{3} \times \frac{0.3 + 0.4 + 0.3}{2} = 6.00 \text{ m}^3 \\
 & 2 \times 1.0 \times \frac{1.2}{3} \times \frac{1.0 + 1.6 + 1.0}{3} \times \frac{0.3 + 0.4 + 0.3}{2} = 0.360 \text{ m}^3 \\
 & 1 \times 6.0 \times \frac{1.2}{3} \times \frac{1.0 + 1.6 + 1.0}{3} \times \frac{0.3 + 0.4 + 0.3}{2} = 0.900 \text{ m}^3 \\
 & 10 \times 1.50 \times \frac{1.2}{3} \times \frac{1.0 + 1.6 + 1.0}{3} \times \frac{0.3 + 0.4 + 0.3}{2} = 5.40 \text{ m}^3
 \end{aligned}$$

Ch- 2000 - 2500

$$\begin{aligned}
 & 3 \times 1.0 \times \frac{1.2}{3} \times \frac{1.0 + 1.6 + 1.0}{3} \times \frac{0.3 + 0.4 + 0.3}{2} = 1.08 \text{ m}^3 \\
 & 1 \times 2.50 \times \frac{2.0}{3} \times \frac{1.5 + 3.0 + 1.5}{3} \times \frac{0.3 + 0.4 + 0.3}{2} = 2.0 \text{ m}^3
 \end{aligned}$$

Ch-3000 - $1 \times 13.0 \times 3.75 \times \frac{0.4}{3} \times \frac{0.2 + 0.10}{2} = 19.50 \text{ m}^3$

Ch-4000 - 1500 $4 \times 1.50 \times \frac{2.50}{3} \times \frac{0.15 + 0.10}{2} = 33.75 \text{ m}^3$

$3 \times 10.0 \times 1.5 \times \frac{0.15 + 0.10}{2} = 6.75 \text{ m}^3$

$3 \times 18.0 \times 1.5 \times 0.15 \text{ Av} = 10.13 \text{ m}^3$

$2 \times 1.5 \times 1.5 \times \frac{0.15 + 0.10}{2} = 0.68 \text{ m}^3$

Ch- 4500 - 5000 $19 \times 1.5 \times 1.5 \times \frac{0.15 + 0.10}{2} = 26.44 \text{ m}^3$

Ch- 5500 - 6000 $7 \times 10.0 \times \frac{1.5}{3} \times \frac{0.15 + 0.10}{2} = 21.00 \text{ m}^3$

$1 \times 15.0 \times \frac{1.5}{3} \times \frac{0.15 + 0.10}{2} = 4.50 \text{ m}^3$

$4 \times 1.5 \times 1.5 \times \frac{0.15 + 0.10}{2} = 1.35 \text{ m}^3$

Ch-6000 - 6500 $1 \times 10 \times 1.8 + 2.0 \times 0.075 = 1.425 \text{ m}^3$

$1.7 \times 6.0 \times 1.5 \times \frac{0.15 + 0.10}{2} = 18.90 \text{ m}^3$

Ch 7000 - 8000 $15 \times \frac{1.8}{2} \times \frac{0.15 + 0.10}{2} = 10.80 \text{ m}^3$

$15 \times 3.0 \times \frac{1.8}{2} \times \frac{0.15 + 0.10}{2} = 16.20 \text{ m}^3$

$15 \times 1.0 \times \frac{1.8}{2} \times \frac{0.15 + 0.10}{2} = 32.40 \text{ m}^3$

$8 \times 1.5 \times \frac{1.5 + 1.0}{2} \times \frac{0.15 + 0.10}{2} = 3.00 \text{ m}^3$

$3 \times 2.0 \times 1.50 \times \frac{0.15 + 0.10}{2} = 6.75 \text{ m}^3$

210.20 m^3

Chud
07/09/2021
15/11/21
AR
milmn
30.4.22
EE

28/10/2021

30/10/21

Restored Qty = ~~85.919 m³~~ 84.919 m³

Damaged Length = 393.00 Meter

~~30.4.22~~
JE

~~30.4.22~~
A.E

30.4.22
EE