

708 2070

(21)



ग्रामीण कार्य विभाग

पथ का नाम	:- पिरवाली खजूर मंडल के दूर के दूरे दूर
कार्य प्रमण्डल	:- मौलानी कलीकर खजूर के दूर के दूरे दूर
कार्य अंचल	:- बेनीपुर। पाखनान येता दूरे दूर दूर दूर दूर
प्रखण्ड का नाम	:- दरभंगा।
प्रावकलित राशि	:- अलीनगर।
	4,92,478.00
	5,98,554.00

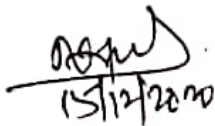
प्रतिवेदन

पथ का नाम :- पिरहोली उर्गात मंडक के दर से मोलती कालीकुल
पथ की लं० :- 0.780 कि०मी० | के दर डेली डुरे पादकान खेला डेली
प्राक्कलित राशि :- ~~5,98,554.00~~ | डुरे डबल स्वरुत नक
4,92,478.00

माह जुलाई अगस्त में हुई अतिवृष्टि के फलस्वरूप विभिन्न नदियों एवं नालों में आये बाढ़ के चलते अधिकांश पथ क्षतिग्रस्त हो गये एवं यातायात बाधित हो गया।

जनता की परेशानी, एवं आने वाले आम चुनाव (बिहार विधान सभा) एवं विभागीय आदेश -मु० अ०-०४मु० विविध कार्य 23-40/2016-2729अनु० दिनांक-21.08.2020 के आलोक में क्षतिग्रस्त पथों के ईट टुकड़े एवं चिमनी छाई से भरकर यातायात पुर्नस्थापन किया गया। किये गये कार्य के अनुसार प्राक्कलन तैयार कर घटनोत्तर स्वीकृति हेतु समर्पित की जा रही है। कार्यहित में प्राक्कलन की स्वीकृति अपेक्षित है।

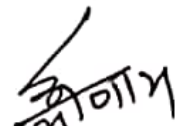
प्राक्कलन को कार्य अंचल, दरभंगा द्वारा स्वीकृत अद्यतन दर के आधार पर तैयार कर अग्रेतर कार्यवाई हेतु समर्पित की जाती है।


15/11/2020

कनीय अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रशाखा अलीनगर,


15/11/2020

सहायक अभियंता,
ग्रामीण कार्य विभाग,
कार्य अवर प्रमण्डल अलीनगर,


15/11/2020

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल बेनीपुर,

Final Estimate

Name of Road: - Phantauli Ujanj dependent ka
George Mahvi Aliker Rahman ke Dhar Dote
Huge Paswan dola dote huge Road Bank Take

- ① Paving, and laying, brick pitchup
with brick bats including road,
workup and light workup
all complete job.

$$\begin{aligned} & (3.00 + 4.00) / 2 \times (1.75 + 2.00 + 1.75) / 3 \times 192.15 \text{ m}^3 \\ & 30.00 \times 4.00 \times 2.00 = 240.00 \text{ m}^3 \\ & 10.00 \times 3.00 \times 1.00 = 30.00 \text{ m}^3 \end{aligned}$$

$$\text{Total Qty} - 270.00 \text{ m}^3$$

$$222.15 \text{ m}^3 @ 1867.76 / \text{m}^3 = 414923.00$$

$$\text{Add } 12 \times 9.5 \text{ ft} = 49791.00$$

$$\text{Add } 1 \text{ m}^3 \text{ L.C.} = 4149.00$$

$$\text{Add S.F.} - 222.15 \text{ m}^3 \times 1063.00 \times 0.10 = 23615.00$$

$$\text{Total} - 4,92,478.00$$

Agul
15/12/2020
S.B.

15/12/2020
A.B.

2
B.B.

P.T.O

B.F

4,92,478.00

कार्यपालक अभियंता, ग्रामीण कार्य विभाग,
कार्य प्रमोदन, जगन्नागर के पत्रांक 798 अंक
दि. 05.04.2021 के द्वारा समर्पित
ऑडिट के प्रतिवेदन के आधार पर —

Post facto T/A for ₹ 4,92,478.00

(Rupees four lacs, ninety two thousand,
four hundred & seventy eight) only-

14.04.21

Superintending Engineer

RWD, Works Circle, Darbhanga

14/04/2021

FOR FDR JULY 2020.

Providing and laying of Bricks bats with Carriage by Tractor loading with front end loader with light ramming etc. all complete job as per specification and direction of E/S

BY TRACTOR. (without c.p.) for Departmental work

$$\textcircled{1} \quad \left. \begin{array}{l} \text{Surface lead} = 7 \text{ K.M.} \\ \text{Katchha lead} = 1 \text{ K.M.} \end{array} \right\} 8 \text{ K.M.}$$

$$\text{Factor } [3.6/2.25] = 1.60$$

$$\text{ie. Carriage Cost (with OH)} = [(1.60 \times 7 \text{ K.M.} \times 17.25) + (1.60 \times 1 \text{ K.M.} \times 26.95) + 182.39]$$

$$= \text{Rs. } 418.71$$

$$\text{say Total Cost PMB} = \text{Rs. } 1126.78 \text{ (Bricks bats with OH)}$$

$$+ \text{Rs. } 418.71 \text{ [Carriage Cost with OH]}$$

$$+ \text{Rs. } 322.27 \text{ [Labour Cost with OH]}$$

$$\text{Total Rs. } 1867.76 \text{ PMB [without GST + LC + SF]}$$

$$\textcircled{2} \quad \text{Surface lead} = 6 \text{ K.M.} / \text{Katchha} = 1 \text{ K.M.} / \text{Factor} = 1.60$$

$$\text{Carriage Cost (with OH)} = [(1.60 \times 6 \text{ K.M.} \times 17.25) + (1.60 \times 1 \text{ K.M.} \times 26.95) + 182.39]$$

$$= \text{Rs. } 391.11$$

$$\text{Total Cost of Bricks bats PMB} = \text{Rs. } 1126.78$$

$$+ \text{Rs. } 391.11$$

$$+ \text{Rs. } 322.27$$

$$\text{Total Rs. } 1840.16 \text{ PMB [without GST + LC + SF]}$$

$$\textcircled{3} \quad \text{Surface lead} = 5 \text{ K.M.} / \text{Katchha} = 1 \text{ K.M.} / \text{Factor} = 1.60$$

$$\text{Carriage Cost (with OH)} = [(1.60 \times 5 \text{ K.M.} \times 17.25) + (1.60 \times 1 \text{ K.M.} \times 26.95) + 182.39]$$

$$= \text{Rs. } 363.51$$

$$\text{Total Cost of Bricks bats PMB} = 1126.78$$

$$+ 363.51$$

$$+ 322.27$$

$$\text{Total Rs. } 1812.56 \text{ PMB [without GST + LC + SF]}$$

$$\textcircled{4} \quad \text{Surface lead} = 4 \text{ K.M.} / \text{Katchha} = 1 \text{ K.M.} / \text{Factor} = 1.60$$

$$\text{Carriage Cost (with OH)} = [(1.60 \times 4 \text{ K.M.} \times 17.25) + (1.60 \times 1 \text{ K.M.} \times 26.95) + 182.39]$$

$$= \text{Rs. } 335.91$$

$$\text{Total Cost of Bricks bats PMB} = 1126.78 + 335.91 + 322.27 = \text{Rs. } 1784.96$$

$$\text{[without GST + LC + SF]}$$

$$\textcircled{5} \quad \text{Surface lead} = 3 \text{ K.M.} / \text{Katchha} = 1 \text{ K.M.} / \text{Factor} = 1.60$$

$$\text{Carriage Cost (with OH)} = [(1.60 \times 3 \text{ K.M.} \times 17.25) + (1.60 \times 1 \text{ K.M.} \times 26.95) + 182.39]$$

$$= \text{Rs. } 308.31$$

$$\text{Total Cost of Bricks bats PMB} = 1126.78 + 308.31 + 322.27 = \text{Rs. } 1757.36$$

$$\text{[without GST + LC + SF]}$$

नोट:- मिट्टी/पत्थर का संचालन या पानी की ड्रेज का प्रयोग या कुल्ला में डालना
आवश्यक नहीं है। इससे बचाव करने की सुझाव दी जा सकती है।

(A) Labour for laying brick bats/shama kha including light raining etc.

Unit = Per m³
 Taking output = 2.832 m³
 Unskilled Manpower = 3 Nos @ 287.00 = Rs 861.00
 6% OH = Rs 51.66
 Rate for 2.832 m³ = Rs 912.66
 Rate per m³ = Rs 322.27 ✓

(B) Haulage excluding loading and unloading, stacking
Haulage of Materials by Tractor

Unit = t.k.m
 Taking output 3.60 tonnes load and lead 10 k.m = 36.0 t.k.m

(i) Surface Road

Speed with load = 15 k.m/hour
 Speed while returning empty = 25 k.m/hour

(a) Machinery

Tractor 3.6 tonne Capacity = 0.667 @ 549.10/hour = Rs 366.25
 (Time taken for one trip)
 Haulage with load = 0.400 @ 549.10/hour = Rs 219.64
 Time taken for empty return = 0.400 @ 549.10/hour = Rs 35.15

(b) Over head (OH) charge 5%

Cost for 36 t.k.m = Rs 621.04
 Rate per t.k.m = Rs 17.25 ✓

(ii) Katchha Road

Speed with load 12 k.m/hour
 Speed for empty return trip 20 k.m/hour

(a) Machinery

Tractor 3.6 tonne Capacity
 Time taken for one haulage with load = 1.00 @ 549.10/hour = Rs 549.10
 Time taken for empty return trip = 0.667 @ 549.10/hour = Rs 366.25

(b) OH 5%

Cost for 36 t.k.m = Rs 915.35
 Rate per t.k.m = Rs 26.95 ✓

(C) Loading and unloading brick bats/shama kha/sand etc.

Placing tractor at loading point, loading with front loader, dumping, turning for return trip, excluding haulage and return trip.

Unit = cum / Taking output = 2.25 m³ / Time required 70 sec = 6 mins

(i) Labour

Rate = 0.03 @ 305 = Rs 9.15

Unskilled Labour for loading/unloading = 0.72 @ 287 = Rs 206.64

(ii) Machinery

Tractor 3.6 t Capacity = 0.1 @ 549.10/hour = Rs 54.91
 Front end loader 1 cum bucket capacity = 0.083 @ 1403.00/h = Rs 116.45

(iii) Over head (OH) 5%

Cost for 2.25 m³ = Rs 231.23
 Rate per m³ = Rs 102.77 ✓

Bamboo piling items.

- ① Labour for cutting ^{62mm to} 75mm dia bamboo pile to site ...
Making shoes and driving by jet machine, etc. all complete job.

Taking out put = 200M
Unit = Per/metre.

(i) Labour

(a) Unskilled Mason = 5 Nos.	e Rs. 287.00	Rs. 1435.00
(b) Semi Skilled Mason = 1 No	e Rs. 299.00	Rs. 299.00
(c) Carpenter Gr II = 1.5 Nos	e Rs. 345.00	Rs. 517.50
(d) Drill operator = 1.00 No	e Rs. 345.00	Rs. 345.00
Total:		Rs. 2596.50 (A)

(ii) Machinery

(a) Hire charge of boat 40 gwhel capacity = 2 Nos.	e 1872.00	Rs. 3744.00
(b) Hire charge of diesel pump (pumping set) = 1 No	e 3002.00	Rs. 3002.00
(c) Diesel for pumping set = 8 Lit	e 77.00	Rs. 616.00
(d) Hire charge of Jet pipe and pipe assembly = 1 No	e 200.00	Rs. 200.00
Total		Rs. 4862.00 (B)

Total (A+B) = Rs. 7456.50

Add 6% OH Rs. 447.39

For 200M = Total Rs. 7903.89

P/M = 39.52 ✓

- ② Labour for fitting & fixing 62mm to 75mm dia Bamboo runners -
in position at every vertical pile with 150mm long nail or
38 Swg G.I wire including cost of G.I wire and nails etc. all
complete job.

Taking out put = 30.50M
Unit = Per M

(i) Labour's

(a) Carpenter Gr II = 0.125 Nos	e Rs. 345.00	Rs. 43.125
(b) Unskilled Mason = 0.25 Nos	e Rs. 287.00	Rs. 71.750

(ii) Materials:-

Cost of 150mm long 0.50 kg nails or G.I. wires	e Rs. 60.03	Rs. 30.02
Total		Rs. 144.875

Add 6% OH = Rs. 8.690

Total = 153.565

For 30.5 M → 153.585

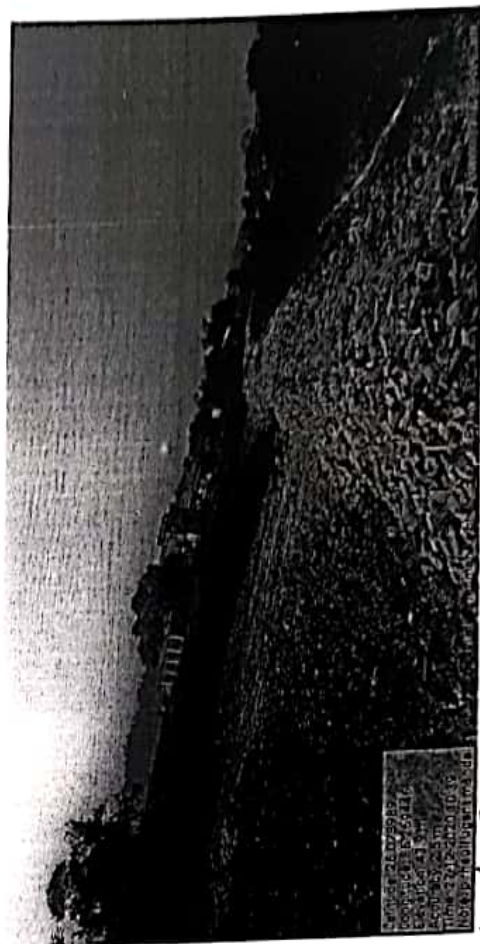
P/Metre → Rs. 5.04 ✓

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A-E

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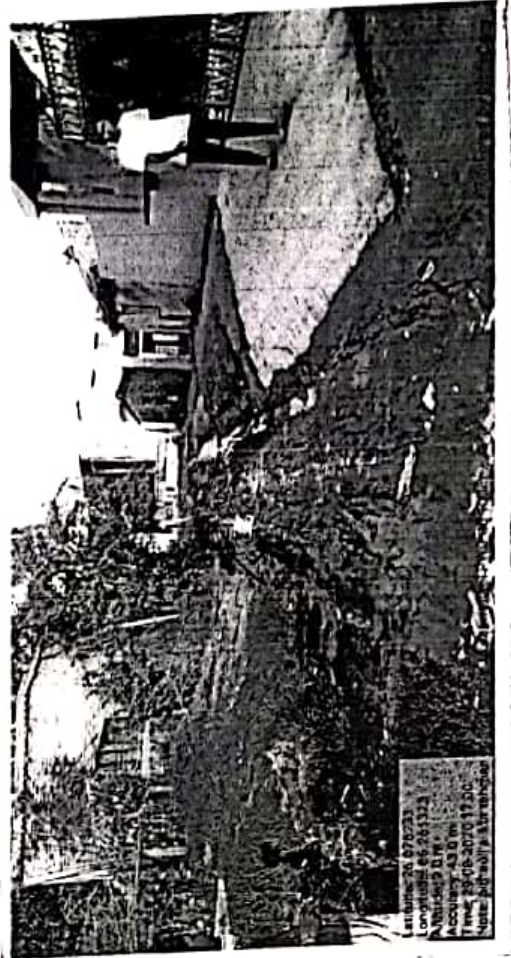


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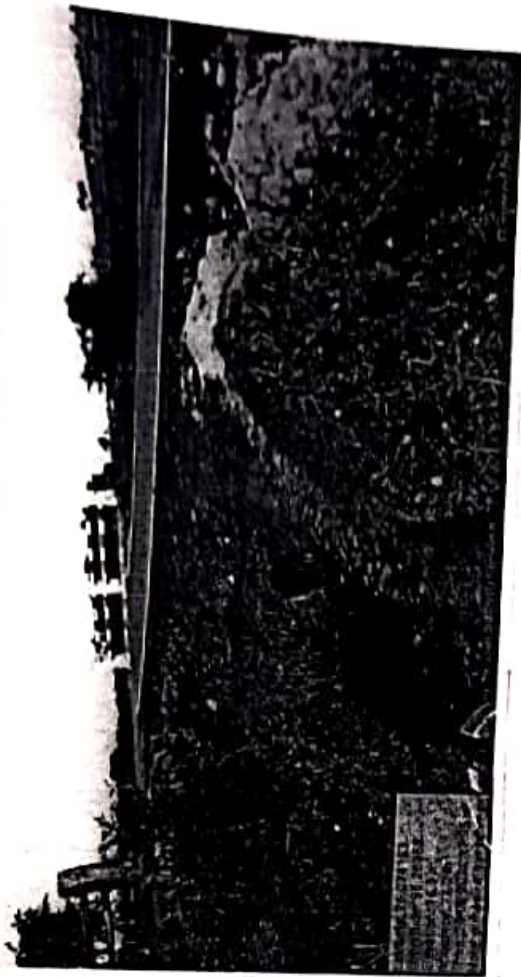
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20/2

3.5

20/2

3.4

20/2
3.3