



ग्रामीण कार्य विभाग

पथ का नाम :- हरिहरपुर से बैयनाकपुर तक पथ।
 कार्य प्रमण्डल (C.R.F. हरिहरपुर से बैयनाकपुर व भागा ककौड़ा अटॉमर मसवासी पथ)
 :- बेनीपुर।
 कार्य अंचल :- दरभंगा।
 प्रखण्ड का नाम :- तारडी।
 प्राक्कलित राशि :- $261,626.00$
 2.762

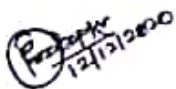
प्रतिवेदन

पथ का नाम :- (C.R.P हरिहरपुर से बेनीपुर बनाया तारीख, जारीकर्ता शरणासी) हरिहरपुर से बेनीपुर तक
पथ की लं० :- 7.40KM
प्राक्कलित राशि :- 2,61,626/-

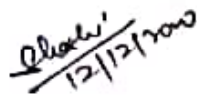
यह प्राक्कलन मो०.....2,61,626/-.....का बनाया गया है। ज्ञातव्य हो कि विगत माह जुलाई-अगस्त 2020 में अतिवृष्टि एवं बाढ़ के कारण तारडीह प्रखण्ड के बहुत से सड़क में टुटान हो गया। विभागीय आदेश -मु० अ०-04(मु०) विविध कार्य 23-40/2016-2729 अनु० दिनांक-21.08.2020 एवं कार्यपालक अभियंता महोदय के आदेश के अनुपालनार्थ यह प्राक्कलन बनाया गया है। प्राक्कलन में सड़क की अधिक गड्ढी खाई में मिट्टी भरकर तदनुपरान्त ईट टुकड़ा की एक समुचित परत डाल कर यातायात सुलभ हेतु मजबूतीकरण की गई है। फलैंक में क्रॉस पाइलिंग के उपरान्त सीमेंट की खाली बोरी में स्थानीय बालू भरकर सीमेंट कंक्रीट सड़क को बचाने का काम किया गया है।

प्राक्कलन वर्तमान में कार्य अंमल दरभंगा की अनुसूचित दर पर तैयार किया गया है।

प्राक्कलन की स्वीकृति कार्य हीत एवं जनहीत में अपेक्षित है।


12/12/2020

कनीय अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रशाखा तारडीह


12/12/2020

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



कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल बेनीपुर

Abstract of Cost.

1. पथ का नाम :- हरिद्वार से बैदनागपुर तक पथ।
(C.R.F. हरिद्वार से बैदनागपुर आधा क्लोड, अर्धतराय मसकासी तड)
2. प्राक्कलित राशि :- 2,61,626 = 10
3. कार्य प्रमण्डल :- बेनीपुर।
4. प्रखण्ड :- तारडीह।

i. Providing and laying of brick bats in with carriage by tractor loading with front end loader with light ramming etc all complete jobs as per specifications and direction of E/I.

ramming etc all complete jobs as per specifications and direction

126.35

H9-70m3 ⑤ Rs 1840.16/m3

Add 12.1 U.S.T

Add 1.1 L.C

Add S.F

1197x10630x10.1

126.25

Shade
12/12/20

2,32,504.00

2,20,267.00

2,71,900.00

Rs 2,64,322.00

1325.00

Rs 2202.67

13431.00

= 12924.00

Rs 2,61,625.67

say Rs 2,61,625.67

2,76,160.00

JE
RWD, Work section
Tardih.

AE
RWD, Works Sub division
Tardih.

RWD, Works Division
Benipur.

प्रमाणित अभिलेख, २१०२० वि. बकि प्रमोदल - अमनगार के पत्र - ७९८ अडा/
दिनांक ०७.०४.२०२१ के द्वांरा संपादित जॉय प्रसिद्धि के आधार पर

Post facto T/A for Rs 2,76,160.00 (Rupees Two lac-
Seventy six thousand one hundred sixty only).

Superintending Engineer
RWD, Works Circle, Darbhanga
09/04/2024

राड का नाम - हरिद्वार से बिकानापुर तक पथ - 7 पराम
 खनो का नाम - (ताडीह)

Flood damage Road estimate - July 2020.

Items of work
 (1) Providing and laying of Brick Bats with carriage by tractor loading with firm end loader with Light Raining etc all work complete as per specification of E/E

Quantity (m ³)	Length (m)	Measurement details.	Qty
700cm Lst Charged	354	$354 \times \left(\frac{2.60 + 4.6}{2} \right) \times 0.90 \text{m (AV)} = 119.70 \text{m}^3$	119.70m ³

Prepared by
 JE

Checked by
 12/12/2020

A-E

12/12/2020

E-E

Physically verified and corrected on site

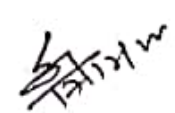
07.04.21
 AE

07/04/21
 E-E

1 BP - 21.2.11

राड का नाम - हरिपुर से बैकनाथपुर तक पथ - 7.40 Km
 (C.P. हरिपुर से बैकनाथपुर भागा कबीरा, जगैमर गायवासी पथ)
 ब्लॉक का नाम - (ताड़ीह)

Flood Damage Road Estimate - July 2020.

S.No	Items of Work	Qty						
(1)	Providing and laying of Brick Bats with carriage by tractor loading with front end loader with light Ramping etc all work complete as per specification of ETC							
	<table border="1"> <thead> <tr> <th>Chaining (m)</th><th>Length (m)</th><th>Measurement details.</th></tr> </thead> <tbody> <tr> <td>700m left Chaining</td><td>354</td><td> $354 \times \left(\frac{2.60 + 4.0}{2} \right) \times 0.90m (Av) = \frac{119.70m^3}{126.35m^3}$ </td></tr> </tbody> </table>	Chaining (m)	Length (m)	Measurement details.	700m left Chaining	354	$354 \times \left(\frac{2.60 + 4.0}{2} \right) \times 0.90m (Av) = \frac{119.70m^3}{126.35m^3}$	Qty = $\frac{119.70m^3}{126.35m^3}$
Chaining (m)	Length (m)	Measurement details.						
700m left Chaining	354	$354 \times \left(\frac{2.60 + 4.0}{2} \right) \times 0.90m (Av) = \frac{119.70m^3}{126.35m^3}$						
 JE Shakti 12/12/2020 A.E  E.E								

FOR FOR JULY 2020.

Providing and Laying of Brick bats with Carriage by Tractor loading with front loader with light travelling etc all complete job as per specifications and direction of E/I.

By TRACTOR. [without C.P.] for departmental work

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

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

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

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

$$\begin{aligned} \text{Total Cost of Brick bats P/B} &= \text{Rs. } 1126.78 \text{ [Brick bats with OH]} \\ &+ \text{Rs. } 418.71 \text{ [Carriage Cost with OH]} \\ &+ \text{Rs. } 322.27 \text{ [Labour Cost with OH]} \end{aligned}$$

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

$$\textcircled{2} \begin{aligned} \text{Surface lead} &= 6 \text{ km} / \text{Katchha} = 1 \text{ km} / \text{Factor} = 1.60 \end{aligned}$$

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

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

$$\begin{aligned} \text{Total Cost of Brick bats P/B} &= \text{Rs. } 1126.78 \\ &+ \text{Rs. } 391.11 \\ &+ \text{Rs. } 322.27 \end{aligned}$$

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

$$\textcircled{3} \begin{aligned} \text{Surface lead} &= 5 \text{ km} / \text{Katchha} = 1 \text{ km} / \text{Factor} = 1.60 \end{aligned}$$

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

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

$$\begin{aligned} \text{Total Cost of Brick bats P/B} &= 1126.78 \\ &+ 363.51 \\ &+ 322.27 \end{aligned}$$

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

$$\textcircled{4} \begin{aligned} \text{Surface lead} &= 4 \text{ km} / \text{Katchha} = 1 \text{ km} / \text{Factor} = 1.60 \end{aligned}$$

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

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

$$\text{Total Cost of Brick bats P/B} = 1126.78 + 335.91 + 322.27 = \text{Rs. } 1784.96$$

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

$$\textcircled{5} \begin{aligned} \text{Surface lead} &= 3 \text{ km} / \text{Katchha} = 1 \text{ km} / \text{Factor} = 1.60 \end{aligned}$$

$$\text{Carriage Cost (with OH)} = [(1.60 \times 3 \text{ km} \times 17.25) + 49.12 + 182.39]$$

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

$$\text{Total Cost of Brick bats P/B} = 1126.78 + 308.31 + 322.27 = \text{Rs. } 1757.36$$

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

नोट:- यदि गाड़ों में यात्रा के लिए/विमानों की टिकट का भुगतान प्राकृतिक में दर्शाया जाएगा। यात्रा के टिकट के आधार पर ही टिकटों की आकलन किया जाएगा।

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

Unit = Per M³
 Taking output = 2.832 M³
 Unskilled Hazzar = 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, spacking
Haulage of Materials by Tractor

Unit = t.k.m
 Taking output 3.6 tonnes load and load 10 km = 36.0 t.k.m

(i) Surface Road
 speed with load - 15 km/hour
 speed while returning empty 25 km/hour

(a) Machinery

Tractor 3.6 tonne Capacity 0.667 @ 549.10/hour = Rs 366.25
 Time taken for empty return trip = 0.400 @ 549.10/hour = Rs 219.64
 Rs 35.15

(b) Over head (OH) charge 6%
 Cost for 36 t.k.m = Rs 621.04
 Rate for t.k.m = Rs 17.25 ✓

(ii) Katchha Road

speed with load 12 km/hour
 speed for empty return trip 20 km/hour

(a) Machinery

Tractor 3.6 tonne Capacity
 Time taken for constant 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
 Rs 54.92

(b) OH & C%

Cost for 36 t.k.m = Rs 970.27

Rate per t.k.m = Rs 26.95 ✓

(C) Loading and unloading brick bats/shama khaa/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 6 mins

(i) Labour

Rate 0.03 @ 305.00/day = Rs 9.15

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

(ii) Machinery

Tractor 3.6 t Capacity 0.1 @ 549.10/hour = Rs 54.91

front end loader 1 cum bucket 0.083 @ 1400.00/h = Rs 116.45

Rs 231.23

(iii) Over head (OH) = 6%

Cost for 2.25 M³ = Rs 410.38

Rate per M³ = Rs 182.39 ✓

(D) Supply for Brick bats (with OH)
 Basic Rate of Brick bats @ 1063 = 1063
 63% OH = 63%
 1126.78 ✓

Bamboo piling items.

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

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

(i) Labour

(a) Unskilled Mardoor	= 5 Nos	e Rs. 287.00	Rs 1435.00
(b) Semi Skilled Mardoor	= 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 guintal capacity	= 2 Nos	e 1872.00	Rs 3744.00
(b) Hire charge of diesel pump (pumping set)	= 1 No	e 300.00	Rs 300.00
(c) Diesel Pw 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 4860.00 (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 sumrak -
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:

(a) Carpenter Gr II	= 0.125 Nos	e Rs. 345.00	Rs 43.125
(b) Unskilled Mardoor	= 0.05 Nos	e Rs. 287.00	Rs 14.35

(ii) Materials:-

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

Total = Rs 144.895

Add 6% OH = Rs 8.690

Total = 153.585

For 30.5 M → 153.585

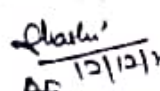
Rs 5.04

पग का नाम : — बैद्यनाथपुर से हरिपुर पग

— (०२४ हरिपुर से बैद्यनाथपुर गाया कबोड़ा, जलोत्तर मलवादी पग)



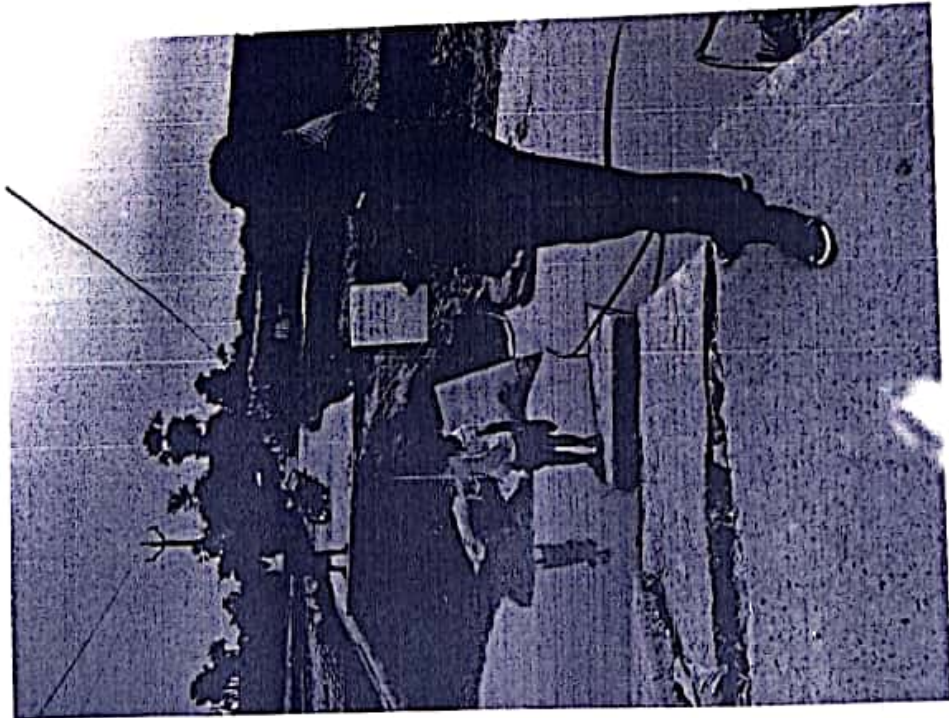

JE
Tardm


AE
Tardm

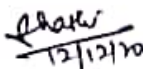

EE

पत्र का नाम: — वैष्णानाथपुर से हरिपुर पत्र

(C.R.F हरिपुर से वैष्णानाथपुर जाया कर्नादा, गरीमर गहवाली नु
पत्र)




JE
Tardak


AE
Tardak


EE