

7



ग्रामीण कार्य विभाग

पथ का नाम :- छाबिबा रै त्रिपिनि टांसा रोक घुर्नी त्क।

कार्य प्रमण्डल :- बेनीपुर।

कार्य अंचल :- दरभंगा।

प्रखण्ड का नाम :- तारडीह।

प्राक्कलित राशि :- $4,81,315 = 10$
 $4,56,015 = 10$

~~XXXXXXXXXX~~

प्रतिवेदन

पथ का नाम :- छात्रिया सँ प्रिजिने खोल टोला ची'उ इनी'ख।
पथ की लं० :- 3.25 KM
प्राक्कलित राशि :- 4,81,315/-

यह प्राक्कलन मो०.....4,81,315/-.....का बनाया गया है। ज्ञातव्य हो कि विगत माह जूलाई-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 मजबुतीकरण 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 अंचल दरभंगा की अनुसूचित दर पर तैयार किया गया है।

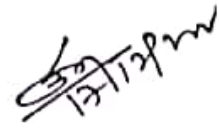
प्राक्कलन की स्वीकृति कार्य हीत एवं जनहीत में अपेक्षित है।


12/12/2020

कनीय अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रशाखा तारडीह


12/12/2020

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


12/12/2020

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल बेनीपुर

Abstract of Cost.

1. पथ का नाम :- द्वाधिया से त्रिधिति टीला पूरबी तडपछा
2. प्राक्कलित राशि :- 4,81,315 = 0
3. कार्य प्रमण्डल :- बेनीपुर।
4. प्रखण्ड :- तारडीह।

- i. Labour for cutting 62mm to 75mm dia. Bamboo pile to site..... Making shoes and driving by jet machine etc all complete job.

2215.10 M @ 39.52/Mtr _____ Rs 58509 = 0
1480.50 M _____ Rs 87,619 = 79

- ii. Labour for fitting and fixing and 62mm to 75mm 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.

464 M 2215.10 M @ 5.04/Mtr _____ Rs 2339 = 0
1177 M _____ Rs 1177 = 18

- iii. Cost of labour for filling sand bag, stitching and placing.

10643 Bags @ Rs 25.11/Bags _____ Rs 2,67,245 = 73

- (iv) providing and supplying 62mm to 75mm dia bamboo 6m long of each Bamboo of work site load up to 1 km - do - do - do -

447 nos 370 @ 16.90/each _____ Rs 59903 = 0
158.41 _____ Rs 70823 = 0
_____ Rs 4,28,917 = 0

121.444 U.S.T _____ Rs 5113 = 12
4441 + L.C _____ Rs 4259 = 42

_____ Rs 4,81,315 = 34

(Signature)
12/12/2020

JE

RWD, Work section
Tardih.

(Signature)
12/12/2020

AE

RWD, Works Sub division
Tardih.

(Signature)
12/12/2020

EE

RWD, Works Division
Benipur.

Total = 3,98,917 = 0

G.S.T _____ Rs 47870 = 0

L.C _____ Rs 3989 = 0

_____ Rs 5239 = 0

[Sand = 369.31 x 141.85 x 10.1] = SF

Total = Rs 4,56,015 = 0

अनुमानित व्यय, आकार वि. कार्यप्रमाण - अद्यतन का प्रा. - 798 अंश दि. - 07/04/2021
कै. इस अनुमानित व्यय अंश के आधार पर -
Post-Photo T/A Rs 4,56,015 = 0 (Rupee Four lac -
- fifty Six thousand fifteen only.)

Superintending Engineer.

RWD, Works Circle, Darbhanga,
09/04/2021

पथ का नाम - छात्रों से मिली लाल पुरी नं. ५६। -

छात्रों का नाम - (तारीक)

Flood Damage Road Estimate - 2020-21

Items of work		Qty
supplying and providing of bam dia to 75 mm dia bamboos 6m long with 1 Km head each of work site. do - do all complete year in per c/L		
Chainage (m)	length (m)	Measurement details.
400M (Near pond)	100M	length of Bamboos piece pile length = 3.0M (AV) No of Bamboos piece 100M @ c/c 0.30M = (333+1) Total length of bamboos = $334 \times 3M = 1002M$ — (A)
1650M Near pond	102M	length of Bamboos piece ^{for} piles = 2.90M (AV) ∴ No of each piece bamboos = $102M @ c/c 0.30M (AV)$ ∴ Total length of bamboos = $(340+1) \times 2.90M = 988.90M$ — (B)
1900M Near pond (mini)	30M	Length of Bamboos piece height = 2.60M (AV) No of each piece bamboos = $30M @ c/c 0.35M (AV)$ ∴ Total length of Bamboos = $(86+1) \times 2.60M = 226.20M$ — (C) ∴ Total length of Bamboos = (1002+988.90+226.20) = 2217.10M ∴ each piece Bamboos = $\frac{2217.10}{6} = 369.51 \approx 370$ bamboos
		Signature 12/12/2020 AE Signature 12/12/2020 EE

items of work

1) Labour for cutting 62mm to 75mm dia. bamboos piled to site making shores and driving by soft machine etc all complete job as per E/L
 i.e Item No ① Length of Bamboos = 2217.10M 2217.10M

2) Labour and fitting and fixing 62mm dia bamboos - to 75mm dia runners in position every vertical piles with 150mm long nails or blue 500.5 'mud etc. do all complete job as per E/L
 i.e Item No ② total length of bamboo = 2217.10M 2217.10M

3) Cost of labour for filling sand by sticking and placing with (OH) - etc - do all complete job as per E/L

Measurement details:

Charge (M)	Length (M)	
400M	100M	$100M \times \left(\frac{1.20 + 1}{2} \right) \times 1.80M (Av) = 198M^3$
1650M	102M	$102M \times \left(\frac{1.20 + 0.90}{2} \right) \times \left(\frac{1.50 + 1.20}{2} \right) = 149.94M^3$
1900M	30M	$30M \times \left(\frac{0.90 + 0.60}{2} \right) \times \left(\frac{1 + 0.90}{2} \right) = 21.37M^3$
		$369.31M^3$

$\therefore$ 100% sand - volume = 0.0347M³

$\therefore$ No of Bags = $\frac{369.31}{1.0347} = 10643.08$

= 10643 Bags

Prepared
JE

Checked
12/12/2010
AE

Checked
12/12/2010
EE

Physically verified and corrected on the site

07.04.21
AE

07.04.21
EE

पथ का नाम - छविगा रो विपिनी लाला पुरी तक पथ । -

खोद का नाम - (तारडीह)

Flood Damage Road Estimate - 2020-21

No	STEPS OF WORK	Qty
(1)	supplying and providing of 62mm dia to 75mm dia bamboos 6m long with 1km head each of work site. do - do all complete you as per E/L	
	Chainage (m) length (m) Measurement details.	$\text{Total Length} = 100\text{M}$ $+ 102\text{M}$ $+ 30\text{M}$ <u>232 Metre</u>
400M (Near pond)	100M	length of Bamboos piece pile length - 3.0M (Av) No of Bamboos piece $100\text{M} @ \text{c/c } 0.30\text{M} = (333+1)$ Total length of Bamboos = $334 \times 3\text{M} = 1002\text{M}$ (A) Driving depth = $2\text{M} \times 334 = 668\text{M}$ (B)
1650M Near pond	102M	length of Bamboos piece ^{for} Piles = 2.90M (Av) $\therefore$ NO of each piece bamboos $102\text{M} @ \text{c/c } 0.30\text{M} (Av)$ $\therefore$ Total length of Bamboos = $(340+1) \times 2.90\text{M} = 988.90\text{M}$ Driving depth $2\text{M} \times 341 = 682\text{M}$ (B)
1900M Near pond (Nimi)	30M	Length of Bamboos piles height = 2.60M (Av) No of each piece bamboos = $30\text{M} @ \text{c/c } 0.35\text{M} (Av)$ $\therefore$ Total length of Bamboos = $(86+1) \times 2.60\text{M} = 226.20\text{M}$ (C) $\therefore$ Total length of Bamboos = (A+B+C) Driving depth = $1.5\text{M} \times 87 = 130.50\text{M}$ (C) $= 1002 + 988.90 + 226.20$ $= 2217.10\text{M}$ For pile. $\therefore$ Each piece Bamboos = $\frac{2217.10}{6} = 369.51 = 370$ Bamboos length of Runner = 464 Metre For pile = 2217 Metre Total = 2681 Metre ✓ Total Nos of Bamboos = $\frac{2681}{6\text{M}} = 447$ Nos Charw 15/12/2020 AE EE
	depth Total Driving of pile = $[668 + 682 + 130.5] = 1480.50\text{M}$ Runner = $232\text{M} \times 2\text{Row} = 464\text{Metre}$.	

NO	Items of work	Qty															
(2)	Labour for cutting 62mm dia 75m dia bamboos Piles to site making shores and driving by jet machine etc all complete job as per E/L i.e Item NO ① Length of Bamboos = 2217.10M Driving depth = 1480.5 M vide item ①	2217.10M															
(3)	Labour and fitting and fixing 62mm dia bamboos - to 75m dia runners in position every vertical Piles with 150mm long nail & wire SWU 5' long etc. do - do all complete job as per E/L i.e Item NO - ① total length of bamboos = Run 2 x 232M = 464 metre. = 2217.10M	2217.10M 464 metre.															
(4)	Cost of labour for filling sand bag sticking and placing with (OH) - do - do all complete job as per E/L																
	<table border="1"> <thead> <tr> <th>Charge (M)</th><th>Length (M)</th><th>Measurement details</th></tr> </thead> <tbody> <tr> <td>400M</td><td>100M</td><td>$100M \times \left(\frac{1.20+1}{2}\right) \times 1.80M (Av) = 198M^3$</td></tr> <tr> <td>1650M</td><td>102M</td><td>$102M \times \left(\frac{1.20+0.90}{2}\right) \times \left(\frac{1.50+1.30}{2}\right) = 149.94M^3$</td></tr> <tr> <td>1900M</td><td>30M</td><td>$30M \times \left(\frac{0.90+0.60}{2}\right) \times \left(\frac{1+0.90}{2}\right) = 21.37M^3$</td></tr> <tr> <td colspan="2"></td><td>369.31M³</td></tr> </tbody> </table> $\therefore$ 1 bag sand - volume = 0.0347M³ $\therefore$ No of Bags = $\frac{369.31}{0.0347} = 10643.08$ = 10643 Bags	Charge (M)	Length (M)	Measurement details	400M	100M	$100M \times \left(\frac{1.20+1}{2}\right) \times 1.80M (Av) = 198M^3$	1650M	102M	$102M \times \left(\frac{1.20+0.90}{2}\right) \times \left(\frac{1.50+1.30}{2}\right) = 149.94M^3$	1900M	30M	$30M \times \left(\frac{0.90+0.60}{2}\right) \times \left(\frac{1+0.90}{2}\right) = 21.37M^3$			369.31M ³	
Charge (M)	Length (M)	Measurement details															
400M	100M	$100M \times \left(\frac{1.20+1}{2}\right) \times 1.80M (Av) = 198M^3$															
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		369.31M ³															

12/12/2020
 JE

12/12/2020
 AE

12/12/2020
 EE

Bamboo piling items.

- ① Labour for cutting ^{62 mm to} 75 mm dia bamboo pile to size.
Making shoes and driving by jet machine, etc all complete for.
Taking out put = 200M
Unit = Per metre.

(i) Labour

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

(ii) Machinery

(a) Hire charge of boat-40 gintel capacity = 2 Nos	@ 1872.00	Rs 3744.00
(b) Hire charge of diesel pump (pumping set) = 1 No	@ 300.00	Rs 300.00
(c) Diesel for Pumping set = 8 Lit	@ 77.00	Rs 616.00
(d) Hire charge of jet pipe and pipe assembly = 1 No	@ 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 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

(a) Carpenter Gr II = 0.125 Nos	@ Rs 345.00	Rs 43.125
(b) Unskilled Magdoor = 0.25 No	@ Rs 287.00	Rs 71.750

(ii) Materials:-

Cost of 150mm long 0.50 kg nails or G.I. wires	@ Rs 60.03	Rs 30.02
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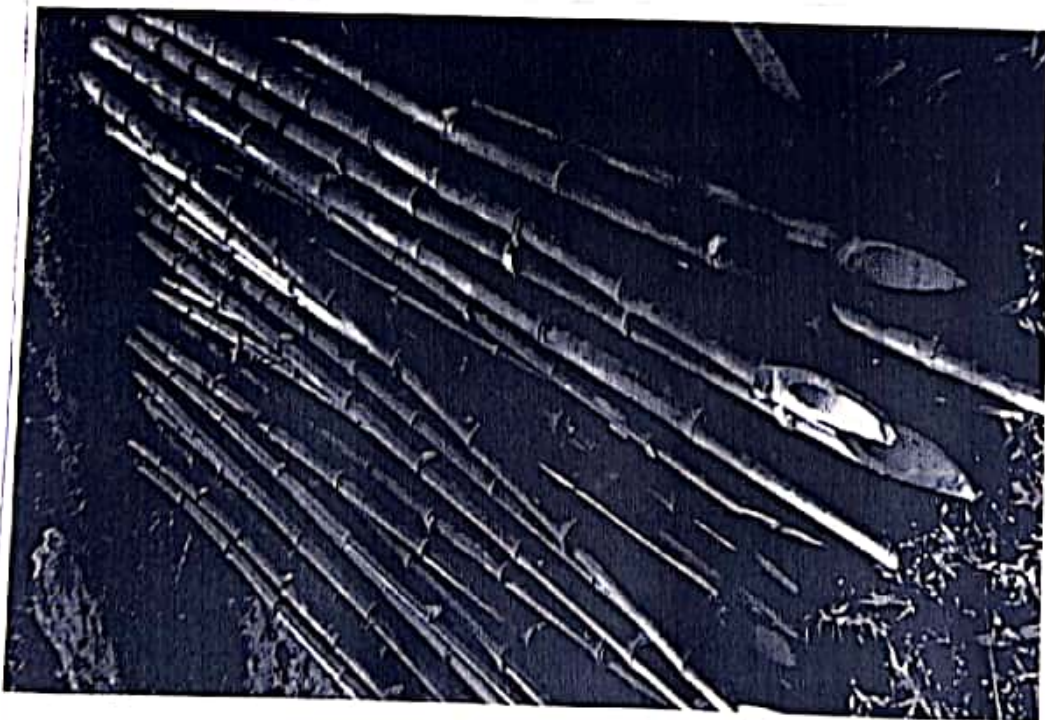
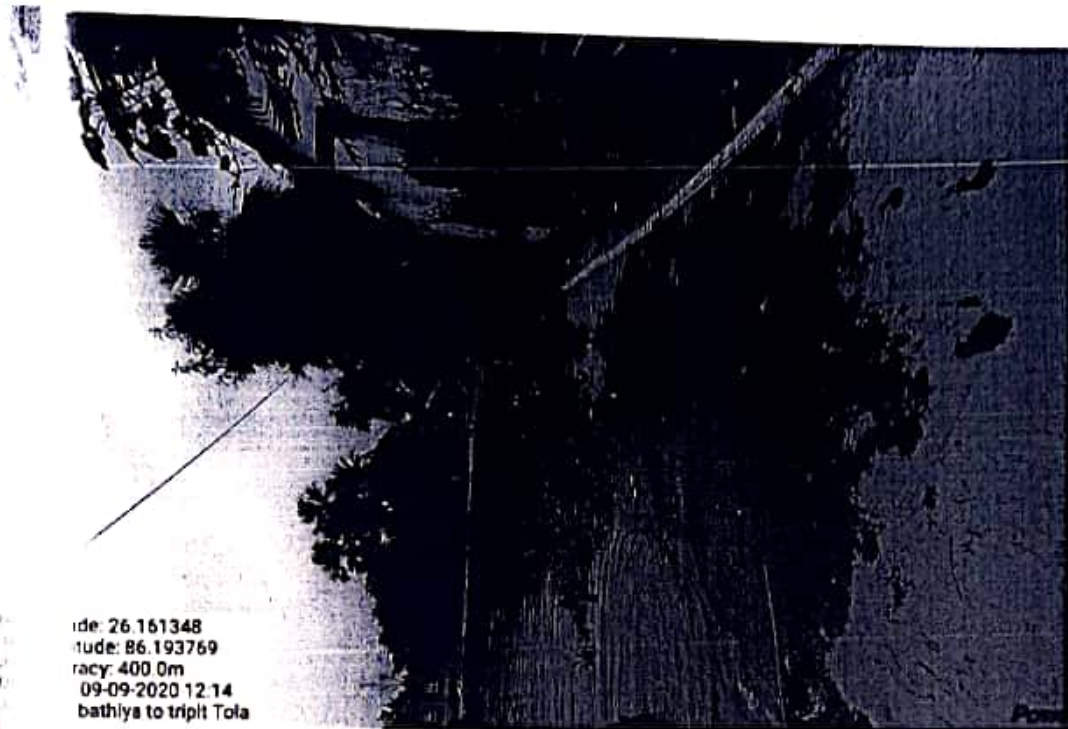
Total = Rs 144.895

Add 6% OH Rs 8.690

Total = 153.585

For 30.5 M → 153.585

पत्र का नाम : — वसिगा से लुसि टोला

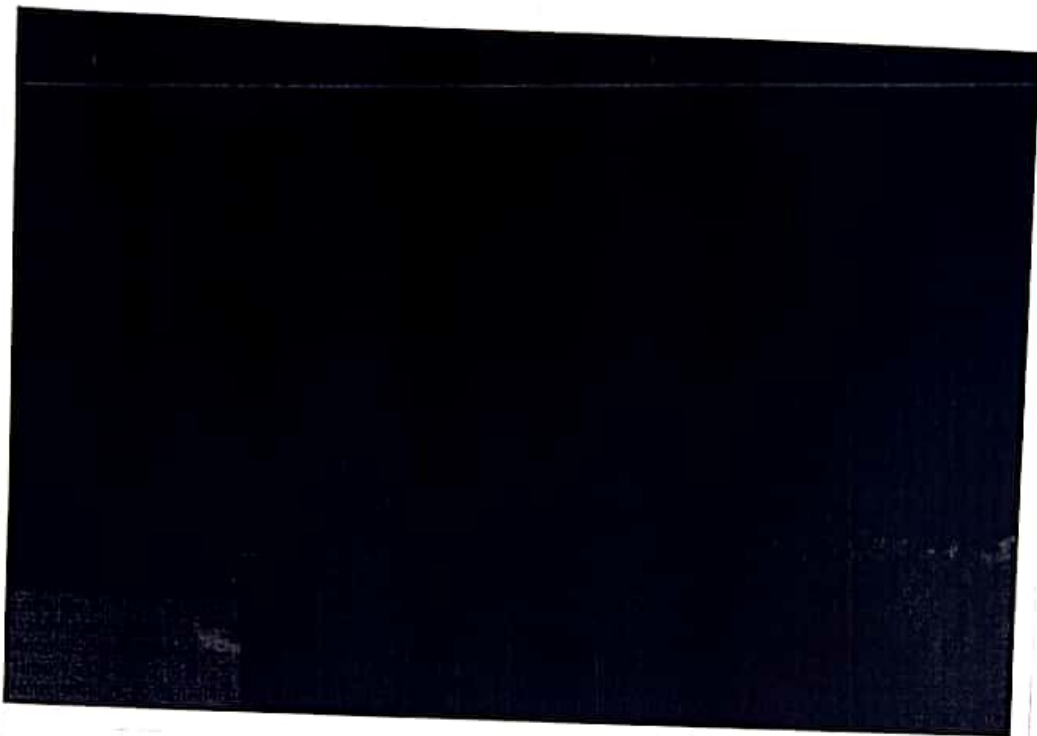


(Signature)
 VE
 Tardak

Shashi
 12/12/2020
 AE
 Tardak

by
 EE

पत्र का नाम : — वशिष्ठा से हृषि शोला चौक पत्र



पत्र
12/12/2010
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