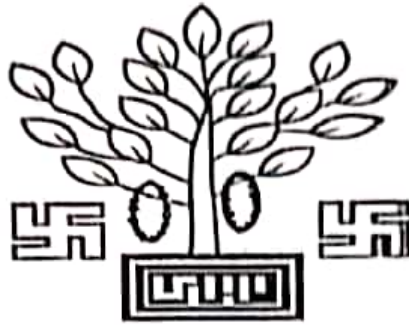


fDR 2020

(18)



ग्रामीण कार्य विभाग

पथ का नाम :- हनुमान नगर से सिवौलर टोला
कार्य प्रमण्डल :- बेनीपुर।
कार्य अंचल :- दरभंगा।
प्रखण्ड का नाम :- अलीनगर।
प्राक्कलित राशि :- ~~10,66,580.00~~ 6,91,552.00

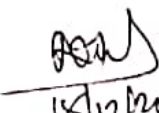
प्रतिवेदन

पथ का नाम :- एजुमान नगर से सिवनी नर टोला
पथ की लं० :- 1.750 कि०मी.
प्राक्कलित राशि :- ~~10,66,580.00~~
6,91,552.00

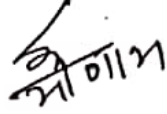
माह जुलाई अगस्त में हुई अतिवृष्टि के फलस्वरूप विभिन्न नदियों एवं नालों में आये बाढ़ के चलते अधिकांश पथ क्षतिग्रस्त हो गये एवं यातायात बाधित हो गया।

जनता की परेशानी, एवं आने वाले आम चुनाव (बिहार विधान सभा) एवं विभागीय आदेश -मु० अ०-04मु० 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।


15/12/2020
कनीय अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रशाखा अलीनगर,


15/12/2020
सहायक अभियंता,
ग्रामीण कार्य विभाग,
कार्य अवर प्रमण्डल अलीनगर,


कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल बेनीपुर,

Flood Estimate

Name of Road - Hanuman Nagar ^{check} To Sivallaha town.

Item No-① Providing & laying brick pitching with brick bats including loading, un-loading and light ramming all complete job.

71-250n.	10.00 m X $\frac{3.50 \text{ m}}{2}$ X $\frac{(1.00+1.20)/2}{2} =$	38.50 m ³ 760 m
380n.	40.00 X $\frac{3.90+3.50}{2}$ X $\frac{(2.00+1.00)/2}{2} =$	222.00 m ³ 370.00 m
390n.	10.00 m X 3.40 m X $\frac{(1.00+1.10)/2}{2} =$	35.70 m ³ 68.00 m
	12.00 m X $\frac{3.70+3.50}{2}$ X $\frac{(0.30+0.45)/2}{2} =$	15.75 m ³ 35.52 m
Total = 421.12 m ³		
311.95 m ³		
582648 = 00		
8,98,617 = 00		
49,918 = 00		
1,07,834 = 00		
5826200		
8,986 = 00		
Add - 12% G.S.T		
Add - 1% L.C		
Add - S.f - $\frac{311.95 \text{ m}^3}{421.12 \text{ m}^3} \times 1063.00 \times 0.10 =$		33,160 = 00 51,143 = 00
C.O — Total =		10,66,580 = 00 69,15,52 = 00

P.S.D

B.f —

6,91,552.00
~~10,66,580.00~~

Agul
15/12/2020
D. E

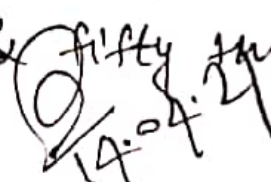

15/12/2020
D. E

नम
D. E

कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य
प्रमंडल, जयनगर के पत्रांक 798 अनु० दि० 05.04.2021
के द्वारा समर्पित ऑनच परिवर्द्धन के आधार
पर —

Post facto T/A for ₹ 6,91,552.00

(Rupees six lacs, ninety one thousand,
five hundred & fifty two) only—


14.04.21
Superintending Engineer
RWD, Works Circle, Darbhanga

FOR FDR JULY 2020.

Providing and laying of brick bats with carriage by tractor loading with pump and loader with light tinning etc. all complete job as per specification and direction of J.S.

By TRACTOR (without C.P.) for departmental work

$$\textcircled{1} \quad \left. \begin{array}{l} \text{Surface lead} = 7 \text{ K.M.} \\ \text{Katchla lead} = 1 \text{ K.M.} \end{array} \right\} 8 \text{ K.M.} \\ \text{Factor } [3.6/2.5] = 1.60$$

$$\text{ie Carriage Cost (with OH)} = [(1.60 \times 7 \text{ K.M.} \times 17.25) + (1.60 \times 1 \text{ K.M.} \times 26.95) + 182.39] \\ = \text{Rs. } 418.71$$

$$\text{Total Cost of Brick bats P.M.B.} = \text{Rs. } 1126.78 \text{ (Brick bats with OH)} \\ + \text{Rs. } 418.71 \text{ (Carriage Cost with OH)} \\ + \text{Rs. } 322.27 \text{ (Labour Cost with OH)}$$

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

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

$$\text{Carriage Cost (with OH)} = [(1.60 \times 6 \text{ K.M.} \times 17.25) + (1.60 \times 1 \text{ K.M.} \times 26.95) + 182.39] \\ = \text{Rs. } 391.11$$

$$\text{Total Cost of Brick bats P.M.B.} = \text{Rs. } 1126.78 \\ + \text{Rs. } 391.11 \\ + \text{Rs. } 322.27$$

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

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

$$\text{Carriage Cost (with OH)} = [(1.60 \times 5 \text{ K.M.} \times 17.25) + (1.60 \times 1 \text{ K.M.} \times 26.95) + 182.39] \\ = \text{Rs. } 363.51$$

$$\text{Total Cost of Brick bats P.M.B.} = 1126.78 \\ + 363.51 \\ + 322.27$$

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

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

$$\text{Carriage Cost (with OH)} = [(1.60 \times 4 \text{ K.M.} \times 17.25) + (1.60 \times 1 \text{ K.M.} \times 26.95) + 182.39] \\ = \text{Rs. } 335.91$$

$$\text{Total Cost of Brick bats P.M.B.} = 1126.78 + 335.91 + 322.27 = \text{Rs. } 1784.96 \\ \text{[without GST+LC+SF]}$$

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

$$\text{Carriage Cost (with OH)} = [(1.60 \times 3 \text{ K.M.} \times 17.25) + 43.12 + 182.39] \\ = \text{Rs. } 308.31$$

$$\text{Total Cost of Brick bats P.M.B.} = 1126.78 + 308.31 + 322.27 = \text{Rs. } 1757.36 \\ \text{[without GST+LC+SF]}$$

नोट:- मिट्टाबुहार का काम है जो कि मिट्टी की डरी का प्रयोग प्रकृत में देखा जायेगा। साथ ही डरी के आकार पर ही दुमंड की संकलन किया जायेगा।

(A) Labour for laying brick bats / Shama Khas including light raining etc.

Unit = Per M³

Taking output = 2.832 M³

Unskilled Mazdoor = 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, spreading

Haulage of Materials by Tractor

Unit = t.k.m

Taking output 3.60 tonnes load and haul 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 onward haulage with load)

(Time taken for empty return) = 0.400 @ 549.10/hour = Rs 219.64

Rs 35.15

(b) Over head (OH) charge 6%

= Rs 621.04

Cost for 36 t.k.m

Rate per 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 onward 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 = 6%

Cost for 36 t.k.m =

Rs 970.27

Rate per t.k.m

= Rs 26.95 ✓

(C) Loading and unloading brick bats / Shama Khas / 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 minutes

(i) Labour

Rate = 0.03 @ 305 = w/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 Capacity 0.083 @ 1402.00/h = Rs 116.45

Rs 231.33

(iii) Over head (OH) = 6%

Cost for 2.25 M³

Rs 410.38

Rate per M³

Rs 182.39 ✓

Bamboo piling items.

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

Taking output = 200M
Unit = Per/metre.

(i) Labour

(a) Unskilled Mergdoor = 5 Nos.	@ Rs. 287.00	Rs. 1435.00
(b) Semi Skilled Mergdoor = 1 No	@ Rs. 279.00	Rs. 279.00
(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. 2576.50 (A)

(ii) Machinery

(a) Hire charge of boat-40 Quintal 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% CH Rs. 447.39

For 200M = Total Rs. 7903.89

P/M = 39.52 ✓

- ② Labour for fitting & fixing 62mm to 75mm dia Bamboo runner -
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 output = 30.50M
Unit = Per M

(i) Labour's

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

(ii) Materials:-

Cost of 150mm long 0.150 kg	@ Rs. 60.03	Rs. 90.02
- nails or G.I. wires		
Total:		Rs. 144.895

Add 6% CH Rs. 8.690

Total = 153.585

For 30.5 M → 153.585

P/Metre → Rs. 5.04 ✓

Hanuman Nagar check to Shivdhar talq.



कार्य के बाद



कार्य के बाद



कार्य के बाद



कार्य के बाद

Latitude: 26.105128
Longitude: 85.328674
Altitude: 2800.0 m
Time: 18-12-2020 14:46
Note: HANUMAN NAGAR CHECK TO SHIVDAR TALQA

Latitude: 26.097679
Longitude: 85.320016
Altitude: 2800.0 m
Time: 18-12-2020 14:47
Note: HANUMAN NAGAR CHECK TO SHIVDAR TALQA

Latitude: 26.098713
Longitude: 85.320705
Altitude: 2800.0 m
Time: 18-12-2020 14:47
Note: HANUMAN NAGAR CHECK TO SHIVDAR TALQA

18/12/20
J-E

18/12/20
A-E

18/12/20
E-E

Latitude: 26.098715
Longitude: 88.270644
Elevation: 88.87 m
Accuracy: 4.9 m
Time: 18-12-2020 14:48
More INFORMATION NACAR ON
TO SWOTAR TOLA



कार्य के बाद

Latitude: 26.098715
Longitude: 88.270644
Elevation: 88.87 m
Accuracy: 4.9 m
Time: 18-12-2020 14:47
More INFORMATION NACAR ON
TO SWOTAR TOLA



कार्य के बाद

Latitude: 26.098715
Longitude: 88.270644
Elevation: 88.87 m
Accuracy: 4.9 m
Time: 18-12-2020 14:48
More INFORMATION NACAR ON
TO SWOTAR TOLA



कार्य के बाद

Latitude: 26.098715
Longitude: 88.270644
Elevation: 88.87 m
Accuracy: 4.9 m
Time: 18-12-2020 14:48
More INFORMATION NACAR ON
TO SWOTAR TOLA



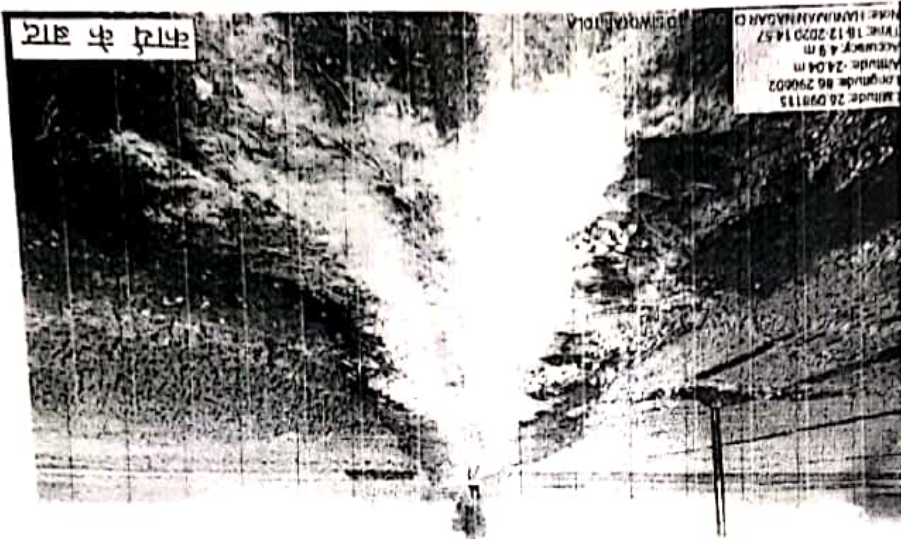
कार्य के बाद

3.E

A.E

E.E

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A-E



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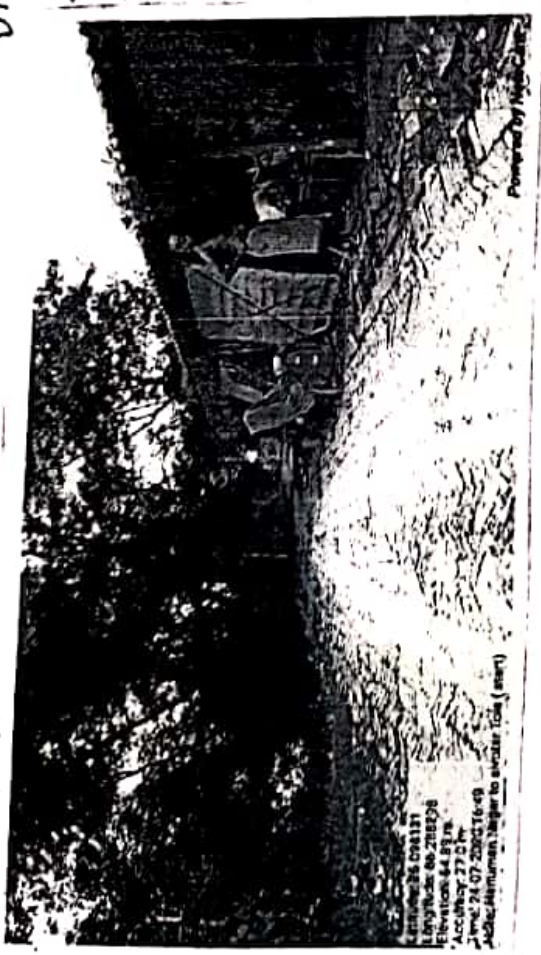
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Latitude: 10° 00' 00" N
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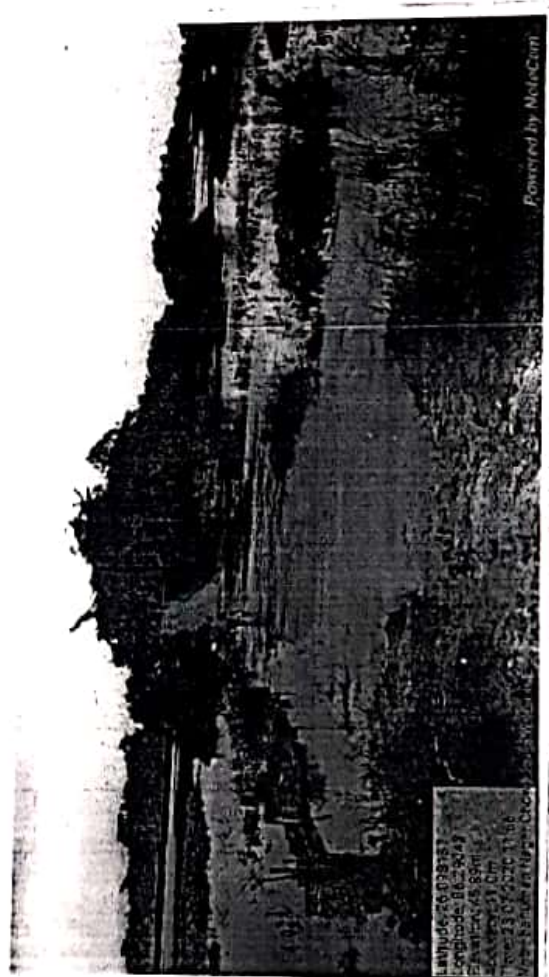
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Latitude: 10° 00' 00" N
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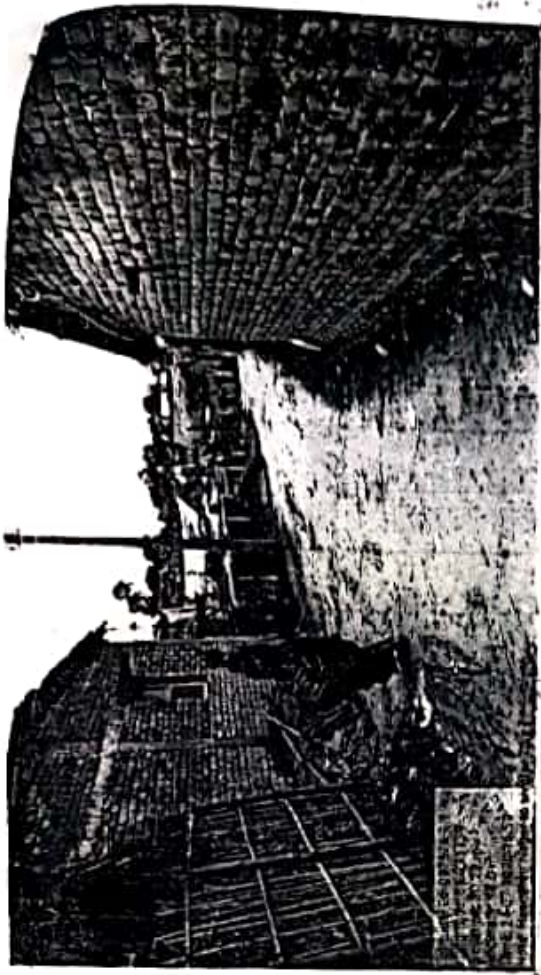
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Altitude: 1000m
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Latitude: 10° 00' 00" N
Powered by NoteCam

48h 17 nca



48h

5.12

A.B.

R.B.

