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ग्रामीण कार्य विभाग



(बिहार सरकार)

क्षतिग्रस्त पथ का नाम

T02-Chharapatti Laukahi, Mahadev

Math Rajaram Patti, Narihiya

(Estimated Cost:-^{10.87002}~~24.37743~~ Lakh)

Block - Laukhi

Length = 4.40 K.M.

ग्रामीण कार्य विभाग,
कार्य प्रमंडल- फुलपरास।

बिहार सरकार

प्रतिवेदन

पथ का नाम:- **T02-Chharapatti Laukahi, Mahadev Math Rajaram Patti,**

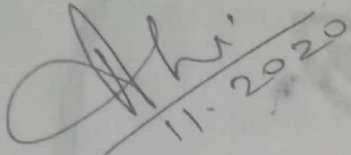
Narihiya. पथ का बाढ़ से क्षतिग्रस्त पथ में मरम्मती कार्य

Block - Laukhi
L = 4.40 km.

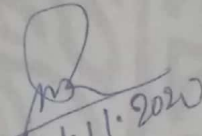
प्राक्कलित राशि :- 2437743.00 रु०

प्रस्तुत प्राक्कलन कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल फुलपरास (मधुबनी) के निदेशानुसार तैयार कर तकनीकी एवं प्रशासनिक स्वीकृति हेतु समर्पित की जाती है। उक्त पथ में कालीकरण क्षतिग्रस्त होने एवं कटाव होने के कारण आवागमन बाधित हो गया है। उक्त पथ में सुदृढीकरण कार्य अति आवश्यक है।

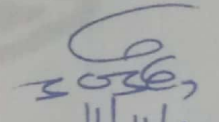
प्रस्तुत प्राक्कलन दरभंगा अंचल से प्राप्त वर्तमान दर अनुसूची के अनुरूप तैयार कर प्रशासनिक एवं तकनीकी स्वीकृति हेतु समर्पित की जाती है।


11.11.2020
क०अ०

ग्रा०का०वि०
कार्य प्रशाखा लौकही


11.11.2020
स०अ०

ग्रा०क०वि० कार्य
अवर प्रमंडल लौकही


11.11.20
का०अ०

ग्रा०का०वि०
कार्य प्रमंडल फुलपरास

बिहार सरकार

Detailed estimate For restoration of road From T02-Chharapatti

Laukahi, Mahadev Math Rajaram Patti, Narihiya Road FDR 2020.

Length = 4.40 km.

1. Restoration of road embankment using brick bats.....etc.

At Chanage- 7.00

$$(RHS) \quad 9.00 \times (2.75+3.10)/2 \times (0.6+1.0)/2m = 21.06m^3$$

At. Chanage- 48.50

$$(LHS) \quad 1.00 \times 6.00 \times (1.00+1.50)/2 \times (0.90+1.0)/2 = 7.125 m^3$$

$$1.00 \times 15.00 \times (3.70+5.50)/2 \times (1.50+2.50)/2 = 138.00 m^3$$

At. Chanage- 110.00

$$(LHS) \quad 1.00 \times \overset{22.25}{\cancel{91.50}} \times \overset{3.75}{\cancel{4.90}} \times (\overset{0.16+0.225}{\cancel{0.30+0.45}})/2m = 16.13 m^3$$

At. Chanage- 170.00

$$(LHS) \quad 1.00 \times 2.00 \times (0.60+1.20)/2 \times 0.30m = 0.54 m^3$$

$$(RHS) \quad 1.00 \times 2.50 \times 0.90 \times 0.35m = 0.79 m^3$$

At. Chanage- 182.50

$$(LHS) \quad 1.00 \times 3.00 \times 1.50 \times (0.30+0.9)/2m = 2.70 m^3$$

At. Chanage- 205.00

$$(RHS) \quad 2.00 \times 2.50 \times (1.00+1.30)/2 \times (0.30+0.50)/2m = 2.30 m^3$$

At. Chanage- 245.00

$$(LHS) \quad 3.00 \times 2.00 \times 1.00 \times 0.40m = 2.40 m^3$$

At. Chanage- 380.00

$$1.00 \times \overset{3.75}{\cancel{75.30}} \times \overset{0.225+0.60}{\cancel{4.75}} \times (\overset{116.48}{\cancel{0.60+0.90}})/2m = 268.25 m^3$$

At. Chanage- 590.00

$$1.00 \times 11.50 \times 4.00 \times (0.30+0.60)/2m = 20.70 m^3$$

At. Chanage- 612.00

$$1.00 \times 3.00 \times 4.00 \times 0.30m = 3.60 m^3$$

At. Chanage- 705.00

$$(Full Width) \quad 1.00 \times 15.50 \times 4.90 \times (0.20+0.40)/2m = 22.79 m^3$$

At. Chanage- 725.00

$$(Full Width) \quad 2.00 \times 3.00 \times 2.50 \times 0.30m = 4.50 m^3$$

At. Chanage-790.50

$$(Full Width) \quad 1.00 \times 14.75 \times 4.90 \times (0.30+0.90)/2m = 43.36 m^3$$

At. Chanage- 830.00 to 870.00

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$$3.00 \times 3.00 \times 2.50 \times 0.50\text{m} = 11.25 \text{ m}^3$$

$$2.00 \times 2.50 \times 2.00 \times 0.40\text{m} = 4.00 \text{ m}^3$$

At. Chanage- 875.50 to 950.00

$$3.00 \times 2.50 \times 1.50 \times 0.40\text{m} = 4.50 \text{ m}^3$$

$$2.00 \times 3.00 \times 1.30 \times 0.30\text{m} = 2.40 \text{ m}^3$$

$$4.00 \times 2.00 \times 1.30 \times 0.30\text{m} = 3.12 \text{ m}^3$$

At. Chanage- 1300.00

$$\text{(Full Width)} \quad 1.00 \times 15.00 \times \overset{4.30}{\cancel{5.00}} \times (0.30+0.40)/2\text{m} = 22.50 \text{ m}^3$$

At. Chanage- 1330.00

$$\text{(LHS)} \quad 1.00 \times 8.50 \times 5.00 \times (0.30+0.50)/2\text{m} = 17.00 \text{ m}^3$$

At. Chanage- 1365.00

$$\text{(LHS)} \quad 1.00 \times 8.50 \times (0.80+1.20)/2 \times (0.30+0.40)/2\text{m} = 2.98 \text{ m}^3$$

At. Chanage- 1405.00

$$\text{(LHS)} \quad 1.30 \times 3.00 \times 0.30 \text{ m} = \overset{1.17 \text{ m}^3}{\cancel{2.70 \text{ m}^3}}$$

At. Chanage- 1445.50

$$\text{(RHS)} \quad 2.00 \times 2.0 \times 1.50 \times 0.40\text{m} = 2.40 \text{ m}^3$$

At. Chanage- 1510.00

$$1.00 \times 10.50 \times 3.25 \times (1.50+1.70)/2\text{m} = 54.60 \text{ m}^3$$

At. Chanage- 1530.00

$$\text{Branches} \quad 1.00 \times 15.00 \times \overset{1.25+1.20}{\cancel{7.00}} \times (\overset{1.25+1.20}{\cancel{1.30+1.60}})/2\text{m} = \overset{128.625}{\cancel{152.25}} \text{ m}^3$$

At. Chanage- 2400.00

$$1.00 \times 4.50 \times 5.50 \times (0.30+0.50)/2\text{m} = 9.90 \text{ m}^3$$

At. Chanage- 3205.00

$$1.00 \times 30.50 \times 4.00 \times (0.30+0.50)/2\text{m} = 48.80 \text{ m}^3$$

At. Chanage- 3240.00

$$\text{Branches} \quad 1.00 \times \overset{8.87}{\cancel{61.00}} \times \overset{6.00}{\cancel{6.30}} \times (\overset{1.25+1.50}{\cancel{1.40+1.70}})/2\text{m} = 73.20 \text{ m}^3$$

At. Chanage- 3310.00

$$\text{Branches.} \quad 1.00 \times \overset{12.00}{\cancel{15.00}} \times 6.30 \times (1.40+1.70)/2\text{m} = \overset{117.18}{\cancel{146.48}} \text{ m}^3$$

At. Chanage- 3355.00

$$1.00 \times 2.50 \times 4.00 \times 0.30\text{m} = 3.00 \text{ m}^3$$

$$\text{Total} = \overset{909.10 \text{ m}^3}{\cancel{1115.325 \text{ m}^3}}$$

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**Detailed estimate For restoration of road From T02-Chharapatti
Laukahi, Mahadev Math Rajaram Patti, Narihiya Under FDR 2020.**

Length = 4.40km.

Abstract Of Cost.

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

^{909.1043}
~~1115.325~~ m³@Rs. 1840.16/m³ =Rs. ~~2052376~~=00

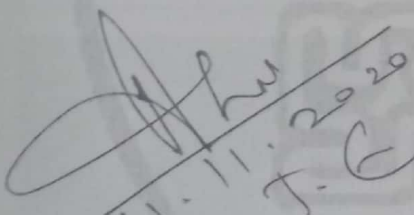
^{16,72,889.00}
Add GST 12%=Rs. ~~246285~~=00

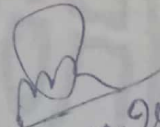
^{2,00,747=00}
Add LC 1% = Rs. ~~20523~~=00

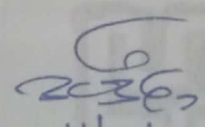
^{16729.00}
S. Fee = Rs. ~~118559~~=00

^{96,637=00}
Total = Rs. ~~2437743~~=00

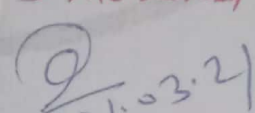
^{19,87,002=00.}


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J.C


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सहायक अभियंता, आर कारी विभाग, कारीपुर प्रान्त-मनीगादी का
प्रान्त:-01004, कुलपत्र दिनांक:- 27.02.21 के द्वारा स्थापित जो-ए प्रकल्प
के अन्तर्गत -
Part-Feet 7/A 78 Rs 19,87,002=00 (Rupees -
Nineteen lacs eighty seven thousand two) only.


Superintending Engineer

o/RWD, Works Circle, Darbhanga

01/03/2021