## WORKS DEPARTMENT OF BIHAP



NAME OF WORKS :-

Megha SSB Champ to Ashraha Tola

BLOCK :-

Kursakanta

**FDR** 

Rs. 1780853.38

YEAR(2021-22)

R.W.D., WORKS CIRCLE, Kishanganj

R.W.D., WORKS DIVISION, Araria

## ग्रामीण कार्य विभाग बिहार, सरकार

पत्रांक - मु0अ0-4 (मु0) विविध कार्य-23-60/2020 - 1937 पटना, दिनांक ०७/०७/२०२१ प्रेषक.

पंकज कुमार पाल (भा०प्र०२०) सचिव

सेवा में,

सभी कार्यपालक अभियंता ग्रामीण कार्य विभाग,

विषय- बाढ़ अतिवृष्टि से क्षतिग्रस्त पथों / पुलियों को यातयात लायक (Motorable) करने के संबंध में।

महाशय,

उपर्युक्त विषय के संबंध में निदेश दिया जाता है कि प्रमंडल अन्तर्गत सभी अभियंता बाढ़/अतिवृष्टि से क्षतिग्रस्त पथों का शत प्रतिशत निरीक्षण करेंगे। पथों/पुलियों के क्षतिग्रस्त भाग से पानी उतरते ही उसे यातायात लायक बनाने की कारवाई एवं Motorable किये जाने से पहले तथा Motorable कार्य के बाद का Real time, Geo tagged photographs को MIS पर तत्क्षण अपलोड किया जाना सुनिश्चित करेंगे। इन कार्यों को कराने हेतु कार्यपालक अभियंता पूर्ण रूप से जिम्मेवार होंगे। कार्य न कराने की स्थिति में उनके विरुद्ध अनुशासनिक कार्रवाई की बाध्यता होगी।

(पंकर्ज कमार पाल)

विश्वासभाजन

(पंकर्ज कुमार पाल)

ज्ञापांक— मु030—4 (मु0) विविध कार्य—23—60/2020 - 1937 पटना, दिनांक - 7/7/2021 प्रतिलिपि:—सभी अधीक्षण अभियंता को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित। साथ ही उन्हें निदेश दिया जाता है कि वे लगातार अनुश्रवण एवं निरीक्षण करते हुए क्षतिग्रस्त भाग को अविशीघ यातायात लायक बनवाने की कारवाई सुनिश्चित करेंगे।

ज्ञापांक-मु0अ0-4 (मु0) विविध कार्य-23-60/2020 1937 पटना, दिनांक 7/7/202 प्रतिलिपि:-सभी मुख्य अभियंता, ग्रामीण कार्य विभाग को सूचनार्थ एवं लगातार अनुश्रवण

करने हेत् प्रेषित।

3.14-

## Inspection Report for Flood Damage Work

: E.E RIV. O (IN división, Asquis. 1. Name of PIUs : leuraleale / myla ssa camp to autrala tela. 2. Name Of Block / Road A. For Road (2000, 2014, 2040) 4 1 Damage Location / Chainage : 68. WM 2. Damage Length flank (cross brashed and. 3. Nature Of Damage 4. Details Of Restoration : Cocal said, spice bat, bamboo, E.c. box. W.P. i) Material Being Used In Restoration : Iroclós & others. ii) Equipment / Tools Being Used In Restoration Works manual, iii) Procedure Taken Up In Restoration Works : 68. LOM iv) Restored Length B. For Bridge 1. Damage Location / Chainage 2. Damage Length 3 Nature Of Damage 4 Details Of Restoration i) Material Being Used In Restoration ii) Equipment / Tools Being Used in Restoration Works iii) Procedure Taken Up In Restoration Works iv) Restored Length wash found satisfactory

Signature of

Executive Engineer
R. (National Polyton)

Kishanganj-2

| NAME OF ROAD :-     | Manha CCD Chama to Ashasha Tala                                  |                   |
|---------------------|--|-------------------|
|                     | Megha SSB Champ to Ashraha Tola                                  |                   |
| DISTRICT :-         | Araria   |                   |
| BLOCK :-            | Kursakanta   |                   |
| Length of Road:-    | 2.373km  |                   |
| Length of Cutting:- | 68.0Mtr  |                   |
| SI. No.             | DESCRIPTION  | AMOUNT<br>(LAKHS) |
| 1                   | Filling of local sand  | 430331.67         |
| 2                   | Labour for cutting 62mm to 75mm dia bamboo                       | 22492.40          |
| 3                   | Labour for fitting 62mm to 75mm dia bamboo                       | 12533.22          |
| 4                   | Labour for filling empty cement bags with local sand Nylon crate | 0.00              |
| 5                   | Supplying of EC bag, of local sand                               | 195588.29         |
| 6                   | Supply and Carriage of brick bats                                | 801613.13         |
| 7                   | Supply, laying and carriage of 1000 mm HPC                       | 66376.05          |
| 8                   | Granular Sub-base  | 0.00              |
|                     | SUB TOTAL COST =   | 1528934.76        |
|                     | ADD GST @12% =   | 183472.17         |
| HAIR BURNER         | Add Labour cess @ 1%=  | 15289.35          |
|                     | Seigniorage Fees @10% =  | 53157.10          |
|                     | TOTAL (RS.) =  | 1780853           |

F28/1407

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Ref. E.E. Letter No. 1957 Dt. 28/04/022

S.E

Technically Sanctioned For Rs..... 1780553 3

(Rupees Sesculee lake light thousand

egit hundred fitly the com) Only

अधीक्षण अभियना। ग्रामीण कार्य विभाग

## ESTIMATE FOR REPAIRING / RESTORATION/ MAKING MOTORABLE ROADS DAMAGED DURING FLOOD

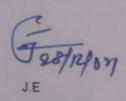
| Interpolation of the property | BLOC Length No. | CT:-  A of Cutting:-  DESCRIPTION OF ITEMS  illing of local sand obtaine | ursakant<br>8.00 N<br>Unit | Mtr<br>Nos. | L(m)               | B(m)                        | D(m)                             | QUANTITY fication & directi    | RATE (Rs.)                     | AMOUNT (Rs.) |
|---|-----------------|--|----------------------------|-------------|--------------------|-----------------------------|----------------------------------|--------------------------------|--------------------------------|--------------|
| SI. DESCRIPTION OF ITEMS         Unit         Nos.         L(m)         B(m)         D(m)           No.   | BLOCI<br>Length | of Cutting:- DESCRIPTION OF ITEMS illing of local sand obtaine           | 8.00 N<br>Unit             | Atr<br>Nos. | L(m)<br>watering 8 | B(m)<br>& ramming, all con  | D(m)<br>Iplete job as per specif | QUANTITY fication & direct     | RATE (Rs.)                     | AMOUNT (Rs.) |
| Single of Cutting:-   68.00   Mtr   Nos.   L(m)   B(m)   D(m)   D(m)   Nos.   L(m)    | SI. No.         | DESCRIPTION OF ITEMS illing of local sand obtaine                        | Unit d from riv            | Nos.        | L(m)<br>watering 8 | B(m)<br>& ramming, all corr | D(m)<br>Iplete job as per specif | QUANTITY fication & directi    | RATE (Rs.)<br>tion of Engineer | AMOUNT (Rs.) |
|   |                 | DESCRIPTION OF ITEMS   | Unit<br>d from riv         | Nos.        | L(m)<br>watering { | B(m)<br>& ramming, all corr | D(m)<br>plete job as per specif  | QUANTITY<br>fication & directi | RATE (Rs.)<br>tion of Engineer | AMOUNT (Rs.) |
|   |                 | illing of local sand obtaine   | d from riv                 | rer bed,    | watering 8         | s ramming, all con          | plete job as per specif          | fication & directi             | tion of Engineer-              | in-incharge  |
| cum 1 14.00 (6+8.5)/2<br>cum 1 26.00 (6+8.5)/2<br>cum 1 18.00 (6+8.5)/2   |                 |  |                            |             |                    |                             |                                  |                                |                                |              |
| cum 1 26.00 (6+8.5)/2<br>cum 1 18.00 (6+8.5)/2  |                 | At ch:-2000 m  | cum                        | -           | 14.00              | (6+8.5)/2                   | (1.85+2.85+1.85)/3               | 221.61                         |                                |              |
| cum 1 18.00 (6+8.5)/2   |                 | At ch: 2014 m  | WII O                      | -           | 26.00              | (6+8.5)/2                   | (1.75+2.25+1.85)/3               | 367.58                         |                                |              |
| 2 0 79 1.52   |                 | At ch: 2040 m  | and a                      | -           | 18.00              | (6+8.5)/2                   | (1.75+2.5+1.85)/3                | 265.35                         |                                |              |
| 2::0  |                 | Deductionfor H.P 1000MM dia  | cum                        | 2           | 0.79               | 1.52                        | 7.50                             | 18.01                          |                                |              |
|   |                 | (1.23 × 1.23 )=1.52  | and a                      |             |                    | total qty :-                |                                  | 836.52                         | 514.43                         | 430331.67    |

| AMOUNT (Rs.)         | specfication   |               | 22,492.40  | uding cost of  |               | 12533.22     |  |               |  | 195588.290     |   |                    |                    |                    |                    |
|----------------------|--|---------------|------------|--|---------------|--------------|--|---------------|--|----------------|---|--------------------|--------------------|--------------------|--------------------|
|                      | as ber   |               |            | vire incl  |               |              |  |               |  |                |   |                    |                    |                    |                    |
| RATE (Rs.)           | complete job   |               | 55.40      | 138 swg G.I w  |               | 30.87        |  |               |  | 38.03          |   |                    |                    |                    |                    |
| QUANTITY             | achine etc. all o  | 406.00        | 406.00     | mm long nails or   | 406.00        | 406.00       | charge.  | 174.87        | 5143.00                                | 5143.00        | ete job.  | 80.33              | 166.73             | 91.13              | 31.45              |
| D(m)                 | shoes & driving by jet m   |               |            | position at every vertical pile with 150 mm long nails or 38 swg G.I wire including cost of on of Engineer-in-charge.  |               |              | e direction of Engineer-in-  | (1.5+1.85)/2  | 0.034                                  |                | nd lying of bats, all comple  | (0.85+0.95+0.75)/3 | (0.75+1.25+0.85)/3 | (0.75+0.65+0.85)/3 | (0.35+0.65+0.85)/3 |
| B(m)                 | size and making s  | 3.50          | toal qty:- | ners in position at ev<br>direction of Enginee   | 3.50          | total qty :- | ing in position as the   | 0.90          | -                                      | Say No of Bage | acing in breaches ar  | (6+7.5)/2          | (6+7.5)/2          | (6+7.5)/2          | (5+5.2)/2          |
| L(m)                 | ooo piles to   | 58.00         |            | cification &   | 58.00         |              | ng and plac  | 58.00         | 174.87                                 |                | each and pl   | 14.00              | 26.00              | 18.00              | 10.00              |
| Nos.                 | ia bamł  | 2             |            | nm dia l   | 2             |              | d stitchi  | 2             |  |                | 8 km br   | -                  | 1                  | 1                  | -                  |
| Unit                 | 75mm d<br>charge.  |               | Mtr.       | im to 75 r   |               | Mtr.         | local san  | cnm           |  | Each           | pats upto   | cum                | cnm                | cum                | cum                |
| DESCRIPTION OF ITEMS | Labour for cutting 62 mm to 75mm dia bamboo piles to size and making shoes & driving by jet machine etc. all complete job as per specfication & direction of Engineer- in -charge. | At ch:-2000 m |            | Labour for fitting & fixing 62 mm to 75 mm dia bamboo runners in position at every vertica G.I wire or nails etc all complete job as per specification & direction of Engineer-in-charge | At ch:-2000 m |              | Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge. | At ch:-2000 m | Total No of E C Bags(3 4cum=100Bags) = |                | Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job. | At ch:-2000 m      | At ch:-2014 m      | At ch:-2040 m      | At ch:-1970 m      |
| SI.<br>No.           |  |               |            | 3  |               |              | 4  |               |  |                | 20  |                    |                    |                    |                    |

| AMOUNT (Rs.)         | 801613.13    |   |       | 66376.05     | 1528934.76     | 1528934.76   |                    |
|----------------------|--------------|---|-------|--------------|----------------|--------------|--------------------|
| RATE (Rs.)           | 2,168.72     |   |       | 4,425.07     | A) SUB TOTAL = | TOTAL COST = | Executive Engineer |
| QUANTITY             | 369.63       |   | 15.00 | 15.00        | A) SUB         | TOTAL        |                    |
| D(m)                 |              |   |       |              |                |              |                    |
| B(m)                 | total qty :- | complete job.   | 2.5   | total qty :- |                |              | ineer              |
| L(m)                 |              | n dia , all o   | 3     |              |                |              | Asstt. Engineer    |
| Nos.                 |              | 000 mr  | 2     |              |                |              |                    |
| Unit                 | cum          | ne pipe 1   | RM    | RM           |                |              |                    |
| DESCRIPTION OF ITEMS |              | Supplaying and carriage of hume pipe 1000 mm dia, all complete job. |       |              |                |              | Junior Engineer    |
| SI.<br>No.           |              | 9   |       |              |                |              |                    |

S.E Kishanganj

|            | Cal   | culation of Sei | gniorage F      | ees        |              |
|------------|---|-----------------|-----------------|------------|--------------|
| AME        | OF ROAD :-  | Megha SSB Champ | to Ashraha Tola |            |              |
| ISTE       | ICT :-  | Araria          |                 |            |              |
| LOC        | K:-   | Kursakanta      |                 |            |              |
| SI.<br>No. | DESCRIPTION OF ITEMS  | QUANTITY        | Unit            | RATE (Rs.) | AMOUNT (Rs.) |
| 1          | Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-incharge  | 836.52          | cum             | 141.85     | 118660.55    |
| 4          | Labour for fiting empty cement bags with loocal sand, stitching the bags and placing in Nylon crate of size (1 m X 1 m X 1 m ) with lead of 150 M including supply of sutli etc. at site in dry portion all complete as per approved design, specification and direction of E/I | 0.00            | cum             | 141.85     | 0.00         |
| 5          | Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.  | 174.86          | cum             | 141.85     | 24804.17     |
| 6          | Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.   | 369.63          | cum             | 1050.00    | 388106.25    |
| 8          | Granular Sub-base with Well Graded<br>Material (Table 400.1)  | 0.00            | cum             | 384.12     | 0.00         |
|            |   |                 | A) SUB TOTAL    | =          | 531570.98    |
|            | Seigniorage   | Fees @10% of Ba | sic Amount =    |            | 53157        |



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|            | В  | ill of Quantit | у                  |              |
|------------|--|----------------|--------------------|--------------|
|            |  |                |                    |              |
| NAME       | OF ROAD :-   | Megha SSB Chan | np to Ashraha Tola |              |
| DISTR      | RICT :-  | Araria         |                    |              |
| BLOC       | K:-  | Kursakanta     |                    |              |
| SI.<br>No. | DESCRIPTION OF ITEMS   | QUANTITY       | RATE (Rs.)         | AMOUNT (Rs.) |
| 1          | Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-incharge                                       | 836.52         | 514.43             | 430331.67    |
| 2          | Labour for cutting 62 mm to 75mm dia bamboo piles to size and making shoes & driving by jet machine etc. all complete job as per specfication & direction of Engineer- in -charge. | 406.00         | 55.40              | 22492.40     |
| 3          | Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.   | 5143.00        | 38.03              | 195588.29    |
| 4          | Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.  | 369.63         | 2168.72            | 801613.13    |
| 5          | Supplaying and carriage of hume pipe 1000 mm dia , all complete job.   | 15.00          | 4425.07            | 66376.05     |
|            |  | A) SUB         | TOTAL =            | 1528934.76   |
|            |  | TOTAL          | COST =             | 1528935      |

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|      |                       |             | RA      | TE ANAL   | YSIS FC                                 | R CARR       | IAGE OF | RATE ANALYSIS FOR CARRIAGE OF BASE MATERIAL | TERIAL  |          |          |                        |                  |          |
|------|-----------------------|-------------|---------|-----------|---|--------------|---------|---|---------|----------|----------|------------------------|------------------|----------|
|      |                       |             |         |           | Nar                                     | Name of Road | ad      | Megha SSB Champ to Ashraha Tola             | B Cham  | p to Ash | raha Tol | a                      |                  |          |
|      | DISTRICT :- /         | Araria      |         |           | Block                                   | ck           | .1.     | Kursakanta                                  | ta      |          |          |                        |                  |          |
|      |                       |             |         |           | 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 102          |         |   |         |          |          |                        |                  |          |
|      |                       |             |         |           | Carriage by                             | y ractor     |         |   |         |          |          |                        |                  |          |
| _    | Description of Items  | Source      | Unit    | Caopacity | Haulage Lead                            | Lead         | Total   | Capacity                                    | Haulage | Lead     | Total    | Loading +<br>Unloading | Rail<br>Carriage | Carriage |
| 구    | Hume Pipe 1000 mm Dia | Purnia      | M       | 8/22.5    | 6.83                                    | 115          | 628.36  | 8/22.5                                      | 16.54   | 0.00     | 0.00     | 70.46                  |                  | 698.82   |
| I    | Hume Pipe 600 mm Dia  | Purnia      | M       | 8/52.50   | 6.83                                    | 115          | 119.69  | 8/52.50                                     | 16.54   | 0.00     | 0.00     | 30.20                  |                  | 149.89   |
| 1000 | Bamboo                | Local       | % Nos   | 3.60/1.35 | 17.03                                   | 5            | 227.07  | 3.60/1.35                                   | 26.60   | 9.00     | 354.67   | 2224.00                |                  | 2805.73  |
|      | E.C Bag               | Local       | cnm     | 3.60/2.25 | 17.03                                   | 2            | 54.50   | 3.60/2.25                                   | 26.60   | -        | 42.56    | 97.82                  |                  | 194.88   |
|      | Stone Metal gr-II     | Mirzachowki | cnm     | 8/4.99    | 6.83                                    | 120          | 1313.99 | 8/4.99                                      | 16.54   | 0.00     | 0.00     | 180.88                 |                  | 1494.87  |
|      | Stone Metal gr-II     | Mirzachowki | cnm     | 8/4.99    | 6.83                                    | 120          | 1313.99 | 8/4.99                                      | 16.54   | 0        | 0.00     | 180.88                 |                  | 1494.87  |
|      | Brick Bats            | Local       | 800 Nos | 3.60/2.25 | 17.03                                   | 7            | 190.74  | 3.60/2.25                                   | 26.60   | -        | 42.56    | 180.88                 |                  | 414.18   |
|      | Local Sand            | Local       | cnm     | 3.60/2.25 | 17.03                                   | 2            | 54.50   | 3.60/2.25                                   | 26.60   | 1        | 42.56    | 97.82                  |                  | 194.88   |
| ı    |                       |             | h       |           |   |              |         |   |         |          |          |                        |                  | 1        |

Executive Engineer RWD (W) DIVISION

Assistant Engineer RWD (W) DIVISION Araria

28/140y J.E RWD (W) DIVISION Araria